



Junos[®] OS

Junos XML API Operational Reference

Release

11.1



Published: 2011-03-01

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Revision History
January 2011—R1 Junos 11.1

The information in this document is current as of the date listed in the revision history.

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Table of Contents

| | | |
|------------------|--|--------------|
| | About This Guide | CCXCV |
| | Junos OS Documentation and Release Notes | CCXCV |
| | Objectives | CCXCV |
| | Audience | CCXCVi |
| | Supported Platforms | CCXCVii |
| | Using the Examples in This Manual | CCXCVii |
| | Merging a Full Example | CCXCVii |
| | Merging a Snippet | CCXCViii |
| | Documentation Conventions | CCXCViii |
| | Documentation Feedback | CCC |
| | Requesting Technical Support | CCC |
| | Self-Help Online Tools and Resources | CCci |
| | Opening a Case with JTAC | CCci |
| Part 1 | Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands | |
| Chapter 1 | Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for M, MX, and T Series | 3 |
| Chapter 2 | Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for EX Series and QFX Series | 53 |
| Chapter 3 | Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for J Series and SRX Series | 63 |
| Part 2 | Summary of Operational Request Tag Elements | |
| Chapter 4 | Operational Request Tag Elements Applicable to All Platforms | 83 |
| | <clear-dhcp-binding-information> | 83 |
| | <clear-dhcp-conflict-information> | 84 |
| | <clear-dhcp-statistics-information> | 84 |
| | <clear-dot1x-mac-session> | 84 |
| | <get-dhcp-binding-information> | 84 |
| | <get-dhcp-conflict-information> | 85 |
| | <get-dhcp-global-information> | 85 |
| | <get-dhcp-pool-information> | 85 |
| | <get-dhcp-statistics-information> | 85 |
| | <get-dot1x-authentication-failed-users> | 86 |
| | <get-dot1x-interface-information> | 86 |
| | <get-dot1x-interface-mac-addresses> | 86 |
| | <get-dot1x-static-mac-addresses> | 87 |
| | <get-lldp-information> | 87 |

| | | |
|------------------|---|------------|
| | <get-lldp-information-detail> | 87 |
| | <get-lldp-local-info> | 87 |
| | <get-lldp-remote-global-statistics> | 88 |
| | <get-lldp-statistics-information> | 88 |
| Chapter 5 | Operational Request Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series | 89 |
| | <clear-helper-statistics-information> | 89 |
| | <clear-pki-ca-certificate> | 89 |
| | <clear-pki-certificate-request> | 90 |
| | <clear-pki-crl> | 90 |
| | <clear-pki-key-pair> | 90 |
| | <clear-pki-local-certificate> | 91 |
| | <generate-pki-certificate-request> | 91 |
| | <generate-pki-key-pair> | 92 |
| | <generate-pki-self-signed-local-certificate> | 93 |
| | <get-certificates-information> | 93 |
| | <get-crl-information> | 94 |
| | <get-filter-version> | 94 |
| | <get-fips-pic-status-information> | 94 |
| | <get-firewall-counter-information> | 94 |
| | <get-firewall-filter-information> | 95 |
| | <get-firewall-information> | 96 |
| | <get-firewall-log-information> | 96 |
| | <get-firewall-prefix-action-information> | 97 |
| | <get-helper-statistics-information> | 97 |
| | <get-ike-security-associations-information> | 97 |
| | <get-ike-services-security-associations-information> | 98 |
| | <get-ipsec-pic-redundancy-information> | 98 |
| | <get-ipsec-tunnel-redundancy-information> | 98 |
| | <get-pki-ca-certificate> | 99 |
| | <get-pki-certificate-request> | 99 |
| | <get-pki-crl> | 99 |
| | <get-pki-local-certificate> | 100 |
| | <get-security-associations-information> | 100 |
| | <get-services-ipsec-statistics-information> | 101 |
| | <get-services-security-associations-information> | 101 |
| | <load-pki-ca-certificate> | 102 |
| | <load-pki-crl> | 102 |
| | <load-pki-local-certificate> | 102 |
| | <verify-pki-ca-certificate> | 103 |
| | <verify-pki-local-certificate> | 103 |
| Chapter 6 | Operational Request Tag Elements Common to J Series, EX Series, QFX Series, and SRX Series | 105 |
| | <clear-arp-inspection-statistics> | 105 |
| | <clear-dhcp-snooping> | 105 |
| | <clear-dhcp-snooping-statistics> | 106 |
| | <clear-dot1x-firewall> | 106 |
| | <clear-dot1x-firewall-interface> | 106 |

| | |
|---|-----|
| <clear-dot1x-interface-session> | 107 |
| <clear-dot1x-statistics> | 107 |
| <clear-dot1x-statistics-interface> | 107 |
| <clear-ethernet-switching-l2pt-statistics> | 107 |
| <clear-ethernet-switching-mac-learning-log> | 108 |
| <clear-ethernet-switching-statistics-mac-learning> | 108 |
| <clear-ethernet-switching-table> | 108 |
| <clear-ethernet-switching-table-management-vlan> | 109 |
| <clear-fip-snooping-enode> | 109 |
| <clear-fip-snooping-statistics> | 109 |
| <clear-fip-snooping-vlan> | 109 |
| <clear-igmp-snooping> | 110 |
| <clear-igmp-snooping-membership> | 110 |
| <clear-igmp-snooping-statistics> | 110 |
| <clear-mvrp-statistics> | 111 |
| <clear-mvrp-statistics-interface> | 111 |
| <get-analyzer-information> | 111 |
| <get-arp-inspection-statistics> | 111 |
| <get-authentication-whitelist-mac-bypassed-users> | 112 |
| <get-autoinstallation-status-information> | 112 |
| <get-dcbx-neighbor-information> | 112 |
| <get-dcbx-neighbor-interface-information> | 112 |
| <get-dhcp-client-information> | 113 |
| <get-dhcp-helper-statistics> | 113 |
| <get-dhcp-snoop-binding> | 113 |
| <get-dhcp-snooping-statistics> | 113 |
| <get-dot1x-firewall-interface> | 114 |
| <get-dot1x-statistics> | 114 |
| <get-dot1x-statistics-interface> | 114 |
| <get-ethernet-switching-aging-stats-information> | 115 |
| <get-ethernet-switching-authentication-whitelist-mac> | 115 |
| <get-ethernet-switching-interface-information> | 115 |
| <get-ethernet-switching-interface-mac-addresses> | 116 |
| <get-ethernet-switching-l2pt-information> | 116 |
| <get-ethernet-switching-log-information> | 116 |
| <get-ethernet-switching-mac-notification-information> | 117 |
| <get-ethernet-switching-next-hop-information> | 117 |
| <get-ethernet-switching-stats-information> | 117 |
| <get-ethernet-switching-table-information> | 118 |
| <get-fip-snooping> | 119 |
| <get-fip-snooping-enode> | 119 |
| <get-fip-snooping-fcf> | 120 |
| <get-fip-snooping-statistics> | 120 |
| <get-fip-snooping-vlan> | 120 |
| <get-igmp-snooping-flow-information> | 121 |
| <get-igmp-snooping-membership-information> | 121 |
| <get-igmp-snooping-routing-information> | 121 |
| <get-igmp-snooping-statistics-information> | 122 |
| <get-igmp-snooping-task-information> | 122 |

| | | |
|------------------|---|------------|
| | <get-igmp-snooping-vlan-information> | 123 |
| | <get-ip-source-guard-information> | 123 |
| | <get-lldp-neighbors-information> | 123 |
| | <get-mstp-bridge-configuration-information> | 124 |
| | <get-mvrp-dynamic-vlan-memberships> | 124 |
| | <get-mvrp-information> | 124 |
| | <get-mvrp-stats> | 124 |
| | <get-mvrp-stats-intf> | 125 |
| | <get-rtg-information> | 125 |
| | <get-rtg-information-pergrp> | 125 |
| | <get-static-mac-bypassed-users> | 126 |
| | <get-stp-bridge-information> | 126 |
| | <get-stp-bridge-interface-information> | 126 |
| | <get-stp-statistics-interface-information> | 127 |
| | <get-stp-vlan-interface-statistics> | 127 |
| | <get-vlan-information> | 128 |
| | <load-dhcp-snooping> | 129 |
| | <release-dhcp-client> | 129 |
| | <renew-dhcp-client> | 129 |
| | <save-dhcp-snooping> | 130 |
| Chapter 7 | Operational Request Tag Elements Specific to M, MX, and T Series | 131 |
| | <abort-in-service-upgrade> | 131 |
| | <all-routing-engines> | 131 |
| | <check-in-service-upgrade> | 132 |
| | <clear-aaa-statistics-table> | 132 |
| | <clear-aaa-subscriber-table> | 132 |
| | <clear-aaa-subscriber-table-specific-statistics> | 133 |
| | <clear-ancp-neighbor-connection> | 133 |
| | <clear-ancp-subscriber-identifier-information> | 133 |
| | <clear-appid-application-system-cache> | 134 |
| | <clear-appid-counter> | 134 |
| | <clear-arp-table> | 134 |
| | <clear-authentication-pending-table> | 134 |
| | <clear-authentication-statistics> | 135 |
| | <clear-bgp-damping> | 135 |
| | <clear-bgp-neighbor> | 135 |
| | <clear-bgp-table> | 136 |
| | <clear-binding-all> | 137 |
| | <clear-binding-ip> | 137 |
| | <clear-binding-nai> | 137 |
| | <clear-bridge-interface-mac-table> | 138 |
| | <clear-bridge-mac-table> | 139 |
| | <clear-cfm-continuity-measurement> | 140 |
| | <clear-cfm-delay-statistics> | 140 |
| | <clear-cfm-iterator-statistics> | 141 |
| | <clear-cfm-linktrace-path-database> | 141 |
| | <clear-cfm-loss-statistics> | 142 |
| | <clear-cfm-statistics> | 142 |

| | |
|---|-----|
| <clear-database-replication-statistics-information> | 143 |
| <clear-dhcp-binding-information> | 143 |
| <clear-dhcp-conflict-information> | 143 |
| <clear-dhcp-relay-binding-information> | 144 |
| <clear-dhcp-relay-statistics-information> | 144 |
| <clear-dhcp-server-binding-information> | 145 |
| <clear-dhcp-statistics-information> | 145 |
| <clear-dhcpv6-server-binding-information> | 145 |
| <clear-dhcpv6-server-statistics-information> | 146 |
| <clear-diameter-function> | 146 |
| <clear-diameter-peer> | 147 |
| <clear-dot1x-interface-session> | 147 |
| <clear-dot1x-mac-session> | 147 |
| <clear-elmi-statistics> | 148 |
| <clear-gx-plus-replay-information> | 148 |
| <clear-gx-plus-statistics-information> | 148 |
| <clear-idp-appddos-cache> | 148 |
| <clear-idp-application-system-cache> | 149 |
| <clear-idp-applications-information> | 149 |
| <clear-idp-attack-table> | 149 |
| <clear-idp-counters-by-counter-class> | 149 |
| <clear-idp-ssl-session-cache-information> | 149 |
| <clear-idp-status-information> | 150 |
| <clear-interfaces-statistics> | 150 |
| <clear-interfaces-statistics-all> | 150 |
| <clear-ipv6-nd-information> | 150 |
| <clear-isis-adjacency-information> | 151 |
| <clear-isis-database-information> | 151 |
| <clear-isis-overload-information> | 152 |
| <clear-isis-statistics-information> | 152 |
| <clear-lacp-interface-statistics> | 152 |
| <clear-mpls-lsp-information> | 153 |
| <clear-mpls-static-lsp-information> | 153 |
| <clear-mvrp-interface-statistics> | 154 |
| <clear-node-secret-file> | 154 |
| <clear-ospf-database-information> | 154 |
| <clear-ospf-io-statistics-information> | 156 |
| <clear-ospf-neighbor-information> | 156 |
| <clear-ospf-overload-information> | 157 |
| <clear-ospf-statistics-information> | 157 |
| <clear-ospf3-database-information> | 158 |
| <clear-ospf3-io-statistics-information> | 161 |
| <clear-ospf3-neighbor-information> | 161 |
| <clear-ospf3-overload-information> | 163 |
| <clear-ospf3-statistics-information> | 163 |
| <clear-passive-monitoring> | 164 |
| <clear-passive-monitoring-statistics> | 164 |
| <clear-ppp-statistics-information> | 165 |
| <clear-reboot> | 165 |

| | |
|--|-----|
| <clear-rsvp-counters-information> | 165 |
| <clear-rsvp-session-information> | 165 |
| <clear-server-statistics-information> | 166 |
| <clear-service-border-signaling-gateway-name-resolution-cache> | 166 |
| <clear-service-border-signaling-gateway-name-resolution-cache-all> | 167 |
| <clear-service-border-signaling-gateway-statistics> | 167 |
| <clear-service-bsg-denied-messages> | 168 |
| <clear-service-bsg-registrations> | 168 |
| <clear-service-bsg-registrations-statistics> | 168 |
| <clear-service-flow-analysis> | 169 |
| <clear-service-msp-flow-ipaction-table> | 169 |
| <clear-service-msp-flow-table-information> | 169 |
| <clear-service-nat-statistics-information> | 182 |
| <clear-service-pgcp-gates> | 183 |
| <clear-service-pgcp-gates-gateway> | 183 |
| <clear-service-pgcp-statistics> | 183 |
| <clear-service-pgcp-statistics-gateway> | 183 |
| <clear-service-set-packet-drop-statistics> | 184 |
| <clear-service-set-syslog-statistics> | 184 |
| <clear-service-sfw-flow-table-information> | 184 |
| <clear-service-sfw-sip-call-information> | 195 |
| <clear-service-sfw-sip-register-information> | 205 |
| <clear-services-bsg-registrations-subscription> | 215 |
| <clear-services-dynamic-flow-capture-criteria> | 216 |
| <clear-services-dynamic-flow-capture-sequence-number> | 216 |
| <clear-services-flow-collector-information> | 217 |
| <clear-services-flow-collector-statistics> | 217 |
| <clear-synchronous-ethernet-esmc-statistics> | 217 |
| <clear-system-commit> | 218 |
| <clear-system-services-reverse-information> | 218 |
| <clear-visitor-all> | 218 |
| <clear-visitor-ip> | 218 |
| <clear-visitor-nai> | 219 |
| <clear-vpls-interface-mac-table> | 219 |
| <clear-vpls-mac-table> | 219 |
| <clear-vrrp-information> | 220 |
| <clear-vrrp-interface-statistics> | 221 |
| <file-compare> | 221 |
| <file-copy> | 222 |
| <file-delete> | 222 |
| <file-get> | 222 |
| <file-list> | 223 |
| <file-put> | 223 |
| <file-rename> | 224 |
| <file-show> | 224 |
| <fips-selftest> | 224 |
| <get-aaa-module-statistics> | 225 |
| <get-aaa-subscriber-statistics> | 225 |
| <get-aaa-subscriber-table> | 225 |

| | |
|--|-----|
| <get-accounting-profile-information> | 226 |
| <get-accounting-record-information> | 226 |
| <get-active-servers> | 227 |
| <get-address-assignment-pool-table> | 227 |
| <get-alarm-information> | 227 |
| <get-amt-statistics> | 228 |
| <get-amt-summary> | 228 |
| <get-amt-tunnel-information> | 228 |
| <get-ancp-cos-information> | 229 |
| <get-ancp-cos-last-update-information> | 229 |
| <get-ancp-cos-pending-information> | 229 |
| <get-ancp-neighbor-information> | 230 |
| <get-ancp-subscriber-information> | 230 |
| <get-appid-application-system-cache> | 230 |
| <get-appid-counter> | 231 |
| <get-appid-package-version> | 231 |
| <get-arp-table-information> | 231 |
| <get-authentication-pending-table> | 232 |
| <get-authentication-statistics> | 232 |
| <get-authorization-information> | 232 |
| <get-bfd-session-information> | 233 |
| <get-bgp-group-information> | 233 |
| <get-bgp-neighbor-information> | 234 |
| <get-bgp-orf-information> | 234 |
| <get-bgp-rtf-information> | 235 |
| <get-bgp-summary-information> | 235 |
| <get-bgp-traffic-statistics-information> | 236 |
| <get-bios-version-information> | 236 |
| <get-bridge-domain-alt-root-flood-route-information> | 236 |
| <get-bridge-domain-bd-flood-route-information> | 237 |
| <get-bridge-domain-event-queue-information> | 237 |
| <get-bridge-domain-mlp-flood-route-information> | 237 |
| <get-bridge-domain-re-flood-route-information> | 238 |
| <get-bridge-instance-information> | 238 |
| <get-bridge-interface-mac-table> | 239 |
| <get-bridge-mac-table> | 240 |
| <get-bridge-statistics-information> | 242 |
| <get-cfeb-information> | 242 |
| <get-cfm-delay-statistics> | 242 |
| <get-cfm-forwarding-state-instance-information> | 243 |
| <get-cfm-forwarding-state-interface-information> | 243 |
| <get-cfm-interfaces-information> | 244 |
| <get-cfm-iterator-statistics> | 245 |
| <get-cfm-linktrace-path-database> | 245 |
| <get-cfm-loss-statistics> | 246 |
| <get-cfm-mep-database> | 246 |
| <get-cfm-mep-statistics> | 247 |
| <get-cfm-mip-information> | 247 |
| <get-chassis-fabric-information-device> | 248 |

| | |
|--|-----|
| <get-chassis-fabric-link-information> | 248 |
| <get-chassis-fabric-spray-weight-information> | 249 |
| <get-chassis-fabric-topology-information> | 249 |
| <get-chassis-inventory> | 249 |
| <get-chassis-location> | 250 |
| <get-chassis-pic-mode-information> | 250 |
| <get-chassis-zones-information> | 250 |
| <get-checksum-information> | 251 |
| <get-cli-tip> | 251 |
| <get-clock-synchronization-information> | 252 |
| <get-commit-information> | 252 |
| <get-core-file-information> | 252 |
| <get-cos-adaptive-shaper-information> | 253 |
| <get-cos-classifier-information> | 253 |
| <get-cos-classifier-table-information> | 254 |
| <get-cos-classifier-table-map-information> | 254 |
| <get-cos-code-point-map-information> | 254 |
| <get-cos-congestion-notification-information> | 255 |
| <get-cos-drop-profile-information> | 255 |
| <get-cos-fabric-scheduler-map-information> | 255 |
| <get-cos-forwarding-class-information> | 255 |
| <get-cos-forwarding-class-map-interface-table-information> | 256 |
| <get-cos-forwarding-class-map-table-information> | 256 |
| <get-cos-forwarding-class-set-information> | 256 |
| <get-cos-fragmentation-map-information> | 256 |
| <get-cos-fwtab-fabric-scheduler-map-information> | 257 |
| <get-cos-information> | 257 |
| <get-cos-interface-map-information> | 258 |
| <get-cos-interface-set-map-information> | 258 |
| <get-cos-l2tp-session-map-information> | 259 |
| <get-cos-loss-priority-map-information> | 259 |
| <get-cos-loss-priority-map-table-binding-information> | 259 |
| <get-cos-loss-priority-map-table-information> | 260 |
| <get-cos-multi-destination-information> | 260 |
| <get-cos-policer-table-map-information> | 260 |
| <get-cos-red-information> | 260 |
| <get-cos-rewrite-information> | 261 |
| <get-cos-rewrite-table-information> | 261 |
| <get-cos-rewrite-table-map-information> | 262 |
| <get-cos-routing-instance-map-information> | 262 |
| <get-cos-scheduler-map-information> | 262 |
| <get-cos-scheduler-map-table-information> | 262 |
| <get-cos-shaper-table-map-information> | 263 |
| <get-cos-table-information> | 263 |
| <get-cos-traffic-control-profile-information> | 263 |
| <get-cos-translation-table-information> | 264 |
| <get-cos-translation-table-map-information> | 264 |
| <get-cos-translation-table-mapping-information> | 265 |
| <get-cos-virtual-channel-group-information> | 265 |

| | |
|---|-----|
| <get-cos-virtual-channel-information> | 265 |
| <get-craft-information> | 265 |
| <get-database-replication-statistics-information> | 266 |
| <get-database-replication-summary-information> | 266 |
| <get-destination-class-statistics> | 266 |
| <get-dhcp-binding-information> | 266 |
| <get-dhcp-conflict-information> | 267 |
| <get-dhcp-global-information> | 267 |
| <get-dhcp-pool-information> | 267 |
| <get-dhcp-relay-binding-information> | 268 |
| <get-dhcp-relay-statistics-information> | 268 |
| <get-dhcp-server-binding-information> | 269 |
| <get-dhcp-server-statistics-information> | 269 |
| <get-dhcp-statistics-information> | 270 |
| <get-dhcpv6-server-binding-information> | 270 |
| <get-dhcpv6-server-statistics-information> | 270 |
| <get-diameter-function-information> | 271 |
| <get-diameter-function-statistics> | 271 |
| <get-diameter-information> | 272 |
| <get-diameter-instance-information> | 273 |
| <get-diameter-network-element-information> | 273 |
| <get-diameter-network-element-map-information> | 274 |
| <get-diameter-peer-information> | 274 |
| <get-diameter-peer-map-information> | 275 |
| <get-diameter-peer-statistics> | 275 |
| <get-diameter-route-information> | 275 |
| <get-directory-usage-information> | 276 |
| <get-domain-map-statistics> | 276 |
| <get-dot1x-authentication-failed-users> | 277 |
| <get-dot1x-interface-information> | 277 |
| <get-dot1x-interface-mac-addresses> | 277 |
| <get-dot1x-static-mac-addresess> | 277 |
| <get-dvmrp-interfaces-information> | 278 |
| <get-dvmrp-neighbors-information> | 278 |
| <get-dvmrp-prefix-information> | 278 |
| <get-dvmrp-prunes-information> | 279 |
| <get-elmi-information> | 279 |
| <get-elmi-statistics> | 279 |
| <get-environment-cb-information> | 280 |
| <get-environment-cip-information> | 280 |
| <get-environment-feb-information> | 280 |
| <get-environment-fpc-information> | 281 |
| <get-environment-fpm-information> | 281 |
| <get-environment-information> | 281 |
| <get-environment-mcs-information> | 282 |
| <get-environment-pcg-information> | 282 |
| <get-environment-pem-information> | 283 |
| <get-environment-power-supply-unit-information> | 283 |
| <get-environment-psu-information> | 283 |

| | |
|--|-----|
| <get-environment-re-information> | 283 |
| <get-environment-scg-information> | 284 |
| <get-environment-sfm-information> | 284 |
| <get-environment-sib-information> | 284 |
| <get-esis-adjacency-information> | 285 |
| <get-esis-interface-information> | 285 |
| <get-esis-statistics-information> | 286 |
| <get-evc-infomation> | 286 |
| <get-event-summary> | 286 |
| <get-fabric-queue-information> | 287 |
| <get-feb-brief-information> | 288 |
| <get-feb-information> | 288 |
| <get-feb-redundancy-error-information> | 288 |
| <get-feb-redundancy-group-information> | 288 |
| <get-feb-redundancy-information> | 289 |
| <get-firmware-information> | 289 |
| <get-flow-table-statistics-information> | 289 |
| <get-fm-fpc-errors> | 290 |
| <get-fm-fpc-state-information> | 290 |
| <get-fm-plane-location-information> | 290 |
| <get-fm-plane-state-information> | 290 |
| <get-fm-sib-errors> | 291 |
| <get-fm-sib-state-information> | 291 |
| <get-fm-state-information> | 291 |
| <get-fm-topology> | 292 |
| <get-forwarding-table-information> | 292 |
| <get-fpc-feb-connectivity-information> | 294 |
| <get-fpc-information> | 295 |
| <get-fru-information> | 295 |
| <get-fru-power-on-sequence> | 295 |
| <get-fwdd-information> | 295 |
| <get-ggsn-apn-statistics-information> | 296 |
| <get-ggsn-charging-statistics-information> | 296 |
| <get-ggsn-gtp-prime-statistics-information> | 296 |
| <get-ggsn-gtp-statistics-information> | 296 |
| <get-ggsn-imsi-trace> | 297 |
| <get-ggsn-imsi-user-information> | 297 |
| <get-ggsn-interface-information> | 297 |
| <get-ggsn-l2tp-tunnel-statistics-information> | 297 |
| <get-ggsn-msisdn-trace> | 298 |
| <get-ggsn-radius-statistics-information> | 298 |
| <get-ggsn-sgsn-statistics-information> | 298 |
| <get-ggsn-statistics> | 298 |
| <get-ggsn-trace> | 299 |
| <get-gre-ka-information> | 299 |
| <get-gx-plus-state-information> | 299 |
| <get-gx-plus-statistics-information> | 300 |
| <get-gx-plus-sync-state-information> | 300 |
| <get-header-redirect-set-statistics-information> | 300 |

| | |
|--|-----|
| <get-health-monitor-alarm-information> | 301 |
| <get-health-monitor-information> | 301 |
| <get-health-monitor-log-information> | 301 |
| <get-history-results> | 301 |
| <get-idp-addos-application-information> | 302 |
| <get-idp-application-system-cache> | 302 |
| <get-idp-applications-information> | 303 |
| <get-idp-attack-table-information> | 303 |
| <get-idp-counter-information> | 303 |
| <get-idp-detail-status-information> | 303 |
| <get-idp-memory-information> | 304 |
| <get-idp-policy-commit-status> | 304 |
| <get-idp-policy-template-information> | 304 |
| <get-idp-predefined-attack-filters> | 304 |
| <get-idp-predefined-attack-group-filters> | 306 |
| <get-idp-predefined-attack-groups> | 307 |
| <get-idp-predefined-attacks> | 307 |
| <get-idp-recent-security-package-information> | 307 |
| <get-idp-security-package-information> | 308 |
| <get-idp-ssl-key-information> | 308 |
| <get-idp-ssl-session-cache-information> | 308 |
| <get-idp-status-information> | 309 |
| <get-idp-subscriber-policy-list> | 309 |
| <get-igmp-group-information> | 309 |
| <get-igmp-interface-information> | 310 |
| <get-igmp-output-group-information> | 310 |
| <get-igmp-snooping-interface-information> | 310 |
| <get-igmp-snooping-membership-information> | 311 |
| <get-igmp-snooping-statistics-information> | 312 |
| <get-igmp-statistics-information> | 312 |
| <get-ingress-replication-information> | 312 |
| <get-instance-information> | 313 |
| <get-interface-filter-information> | 313 |
| <get-interface-information> | 314 |
| <get-interface-location-information> | 315 |
| <get-interface-location-name-information> | 315 |
| <get-interface-optics-diagnostics-information> | 316 |
| <get-interface-policer-information> | 316 |
| <get-interface-queue-information> | 316 |
| <get-interface-set-queue-information> | 317 |
| <get-ioc-npc-connectivity-information> | 318 |
| <get-ip-mip-binding-information> | 318 |
| <get-ipv6-nd-information> | 318 |
| <get-ipv6-ra-information> | 318 |
| <get-isis-adjacency-information> | 319 |
| <get-isis-authentication-information> | 319 |
| <get-isis-backup-coverage-information> | 320 |
| <get-isis-backup-lsp-information> | 320 |
| <get-isis-backup-spf-results-information> | 320 |

| | |
|--|-----|
| <get-isis-context-identifier-information> | 322 |
| <get-isis-context-identifier-origin-information> | 322 |
| <get-isis-database-information> | 323 |
| <get-isis-hostname-information> | 323 |
| <get-isis-interface-information> | 323 |
| <get-isis-overview-information> | 324 |
| <get-isis-route-information> | 324 |
| <get-isis-spf-log-information> | 326 |
| <get-isis-spf-results-brief-information> | 327 |
| <get-isis-spf-results-information> | 328 |
| <get-isis-statistics-information> | 329 |
| <get-l2ckt-connection-information> | 329 |
| <get-l2tp-destination-information> | 330 |
| <get-l2tp-multilink-information> | 330 |
| <get-l2tp-session-information> | 331 |
| <get-l2tp-summary-information> | 332 |
| <get-l2tp-tunnel-information> | 332 |
| <get-l2vpn-connection-information> | 333 |
| <get-lacp-interface-information> | 334 |
| <get-lacp-interface-statistics> | 334 |
| <get-ldp-database-information> | 334 |
| <get-ldp-fec-filters-information> | 335 |
| <get-ldp-interface-information> | 335 |
| <get-ldp-neighbor-information> | 336 |
| <get-ldp-path-information> | 337 |
| <get-ldp-route-information> | 337 |
| <get-ldp-session-information> | 338 |
| <get-ldp-statistics-information> | 338 |
| <get-ldp-traffic-statistics-information> | 339 |
| <get-lfmd-information> | 339 |
| <get-license-information> | 339 |
| <get-license-key-information> | 340 |
| <get-license-summary-information> | 340 |
| <get-license-usage-summary> | 340 |
| <get-link-services-cpu-usage> | 340 |
| <get-lldp-information> | 341 |
| <get-lldp-information-detail> | 341 |
| <get-lldp-local-info> | 341 |
| <get-lldp-neighbors-information> | 342 |
| <get-lldp-remote-global-statistics> | 342 |
| <get-lldp-statistics-information> | 342 |
| <get-lm-information> | 342 |
| <get-lm-peer-information> | 343 |
| <get-lm-peer-statistics> | 343 |
| <get-lm-routing-information> | 343 |
| <get-lm-routing-peer-information> | 344 |
| <get-lm-routing-resource-information> | 344 |
| <get-lm-routing-te-link-information> | 344 |
| <get-lm-statistics-information> | 345 |

| | |
|--|-----|
| <get-lm-te-link-information> | 345 |
| <get-mac-database> | 345 |
| <get-mip-binding-information> | 346 |
| <get-mip-ha-interface-information> | 346 |
| <get-mip-ha-overview-information> | 346 |
| <get-mip-ha-traffic-information> | 347 |
| <get-mip-ha-virtual-network-information> | 347 |
| <get-mip-wimax-release-information> | 347 |
| <get-mld-group-information> | 348 |
| <get-mld-interface-information> | 348 |
| <get-mld-output-group-information> | 349 |
| <get-mld-statistics-information> | 349 |
| <get-mpls-admin-group-extended-information> | 350 |
| <get-mpls-admin-group-information> | 350 |
| <get-mpls-call-admission-control-information> | 350 |
| <get-mpls-context-identifier-information> | 350 |
| <get-mpls-cspf-information> | 351 |
| <get-mpls-diffserv-te-information> | 351 |
| <get-mpls-interface-information> | 352 |
| <get-mpls-lsp-defaults-information> | 352 |
| <get-mpls-lsp-information> | 352 |
| <get-mpls-path-information> | 353 |
| <get-mpls-static-lsp-information> | 354 |
| <get-msdp-source-active-information> | 355 |
| <get-msdp-source-information> | 355 |
| <get-msdp-statistics-information> | 356 |
| <get-msp-session-table> | 356 |
| <get-mspinfo-connections> | 378 |
| <get-mspinfo-packages> | 378 |
| <get-mspinfo-processes> | 379 |
| <get-mspinfo-processes-brief> | 379 |
| <get-mspinfo-processes-extensive> | 379 |
| <get-mspinfo-uptime> | 380 |
| <get-mspinfo-virtual-memory> | 380 |
| <get-multicast-backup-pe-address-information> | 380 |
| <get-multicast-backup-pe-groups-information> | 381 |
| <get-multicast-flow-maps-information> | 381 |
| <get-multicast-interface-information> | 381 |
| <get-multicast-next-hops-information> | 382 |
| <get-multicast-pim-to-igmp-proxy-information> | 382 |
| <get-multicast-pim-to-mld-proxy-information> | 383 |
| <get-multicast-route-information> | 383 |
| <get-multicast-rpf-information> | 384 |
| <get-multicast-scope-information> | 384 |
| <get-multicast-sessions-information> | 385 |
| <get-multicast-snooping-next-hops-information> | 385 |
| <get-multicast-snooping-route-information> | 386 |
| <get-multicast-statistics-information> | 387 |
| <get-multicast-usage-information> | 387 |

| | |
|--|-----|
| <get-mvpn-instance-information> | 388 |
| <get-mvrp-applicant-information> | 388 |
| <get-mvrp-dynamic-vlan-memberships> | 389 |
| <get-mvrp-information> | 389 |
| <get-mvrp-interface-information> | 390 |
| <get-mvrp-interface-statistics> | 390 |
| <get-mvrp-registration-state> | 390 |
| <get-nai-mip-binding-information> | 391 |
| <get-operational-routing-instance-information> | 391 |
| <get-ospf-backup-coverage-information> | 391 |
| <get-ospf-backup-lsp-information> | 392 |
| <get-ospf-backup-neighbor-information> | 392 |
| <get-ospf-backup-spf-information> | 393 |
| <get-ospf-context-id-information> | 394 |
| <get-ospf-database-information> | 395 |
| <get-ospf-interface-information> | 397 |
| <get-ospf-io-statistics-information> | 397 |
| <get-ospf-log-information> | 398 |
| <get-ospf-neighbor-information> | 398 |
| <get-ospf-overview-information> | 400 |
| <get-ospf-route-information> | 400 |
| <get-ospf-statistics-information> | 401 |
| <get-ospf3-backup-coverage-information> | 402 |
| <get-ospf3-backup-lsp-information> | 402 |
| <get-ospf3-backup-neighbor-information> | 403 |
| <get-ospf3-backup-spf-information> | 403 |
| <get-ospf3-database-information> | 404 |
| <get-ospf3-interface-information> | 408 |
| <get-ospf3-io-statistics-information> | 410 |
| <get-ospf3-log-information> | 410 |
| <get-ospf3-neighbor-information> | 411 |
| <get-ospf3-overview-information> | 413 |
| <get-ospf3-route-information> | 414 |
| <get-ospf3-statistics-information> | 415 |
| <get-package-backup-information> | 416 |
| <get-packet-distribution-information> | 416 |
| <get-passive-monitoring-error-information> | 416 |
| <get-passive-monitoring-flow-information> | 417 |
| <get-passive-monitoring-information> | 417 |
| <get-passive-monitoring-memory-information> | 417 |
| <get-passive-monitoring-status-information> | 418 |
| <get-passive-monitoring-usage-information> | 418 |
| <get-pdp-diagnostics-per-apn> | 418 |
| <get-pfe-information> | 419 |
| <get-pfe-statistics> | 419 |
| <get-pgcpd-active-configuration> | 419 |
| <get-pgm-nak> | 420 |
| <get-pgm-source-path-messages> | 420 |
| <get-pgm-statistics> | 420 |

| | |
|--|-----|
| <get-pic-detail> | 420 |
| <get-pic-information> | 421 |
| <get-pim-bootstrap-information> | 421 |
| <get-pim-interfaces-information> | 421 |
| <get-pim-join-information> | 422 |
| <get-pim-mdt-information> | 423 |
| <get-pim-mvpn-information> | 423 |
| <get-pim-neighbors-information> | 424 |
| <get-pim-rps-information> | 424 |
| <get-pim-source-information> | 425 |
| <get-pim-statistics-information> | 425 |
| <get-power-budget-information> | 426 |
| <get-power-management> | 426 |
| <get-power-usage-information> | 426 |
| <get-ppp-address-pool-information> | 427 |
| <get-ppp-interface-information> | 427 |
| <get-ppp-statistics-information> | 427 |
| <get-ppp-summary-information> | 428 |
| <get-pppoe-interface-information> | 428 |
| <get-pppoe-service-name-table-information> | 428 |
| <get-pppoe-session-information> | 429 |
| <get-pppoe-statistics-information> | 429 |
| <get-pppoe-underlying-interface-information> | 429 |
| <get-pppoe-version> | 430 |
| <get-probe-results> | 430 |
| <get-process-health-information> | 430 |
| <get-psd-information> | 431 |
| <get-r2cp-interface-information> | 431 |
| <get-r2cp-radio-information> | 431 |
| <get-r2cp-session-information> | 432 |
| <get-r2cp-statistics> | 432 |
| <get-radius-profile-access-test-result> | 433 |
| <get-radius-server-access-test-result> | 433 |
| <get-rescue-information> | 434 |
| <get-rip-general-statistics-information> | 434 |
| <get-rip-neighbor-information> | 434 |
| <get-rip-statistics-information> | 435 |
| <get-rmon-alarm-information> | 435 |
| <get-rmon-event-information> | 436 |
| <get-rmon-history-information> | 436 |
| <get-rmon-information> | 437 |
| <get-rmon-log-information> | 437 |
| <get-rollback-information> | 437 |
| <get-route-engine-information> | 438 |
| <get-route-information> | 438 |
| <get-route-summary-information> | 469 |
| <get-rps-chassis-information> | 470 |
| <get-rps-led-information> | 470 |
| <get-rps-power-supply-information> | 470 |

| | |
|---|-----|
| <get-rps-status-information> | 470 |
| <get-rps-version-information> | 470 |
| <get-rsvp-interface-information> | 471 |
| <get-rsvp-neighbor-information> | 471 |
| <get-rsvp-session-information> | 472 |
| <get-rsvp-statistics-information> | 473 |
| <get-rsvp-version-information> | 473 |
| <get-rtexport-instance-information> | 473 |
| <get-rtexport-table-information> | 474 |
| <get-rtexport-target-information> | 475 |
| <get-rtflow-dep-information> | 475 |
| <get-sap-listen-information> | 476 |
| <get-scb-information> | 476 |
| <get-service-accounting-aggregation-as-information> | 476 |
| <get-service-accounting-aggregation-destination-prefix-information> | 477 |
| <get-service-accounting-aggregation-information> | 478 |
| <get-service-accounting-aggregation-protocol-port-information> | 479 |
| <get-service-accounting-aggregation-source-destination-prefix-informa- tion> | 480 |
| <get-service-accounting-aggregation-source-prefix-information> | 481 |
| <get-service-accounting-aggregation-template-information> | 482 |
| <get-service-accounting-error-inline-jflow-information> | 482 |
| <get-service-accounting-errors-information> | 483 |
| <get-service-accounting-flow-detail> | 483 |
| <get-service-accounting-flow-information> | 484 |
| <get-service-accounting-information> | 485 |
| <get-service-accounting-memory-information> | 485 |
| <get-service-accounting-status-information> | 485 |
| <get-service-accounting-status-inline-jflow-flow-information> | 486 |
| <get-service-accounting-status-inline-jflow-information> | 486 |
| <get-service-accounting-usage-information> | 486 |
| <get-service-border-signaling-gateway-address-of-record> | 487 |
| <get-service-border-signaling-gateway-address-of-record-bindings> | 487 |
| <get-service-border-signaling-gateway-calls-duration> | 488 |
| <get-service-border-signaling-gateway-charging-statistics> | 488 |
| <get-service-border-signaling-gateway-charging-status> | 488 |
| <get-service-border-signaling-gateway-information-by-contact> | 489 |
| <get-service-border-signaling-gateway-information-by-request-uri> | 489 |
| <get-service-border-signaling-gateway-name-resolution-cache> | 490 |
| <get-service-border-signaling-gateway-name-resolution-cache-all> | 490 |
| <get-service-border-signaling-gateway-routing-blacklist> | 491 |
| <get-service-border-signaling-gateway-statistics-admission-control> | 491 |
| <get-service-border-signaling-gateway-statistics-calls> | 491 |
| <get-service-border-signaling-gateway-statistics-calls-by-server> | 492 |
| <get-service-border-signaling-gateway-statistics-calls-by-sp> | 492 |
| <get-service-border-signaling-gateway-statistics-calls-duration-by-server> .. | 493 |
| <get-service-border-signaling-gateway-statistics-calls-duration-by-sp> | 493 |
| <get-service-border-signaling-gateway-statistics-calls-failed> | 493 |
| <get-service-border-signaling-gateway-statistics-failed-calls-by-server> | 494 |

| | |
|--|-----|
| <get-service-border-signaling-gateway-statistics-failed-calls-by-sp> | 494 |
| <get-service-bsg-denied-messages> | 495 |
| <get-service-bsg-information-by-call-context-id> | 495 |
| <get-service-bsg-registrations> | 496 |
| <get-service-bsg-registrations-realm-statistics> | 496 |
| <get-service-bsg-registrations-statistics> | 497 |
| <get-service-bsg-status-information> | 497 |
| <get-service-cos-diffserv-statistics> | 497 |
| <get-service-cos-forwarding-class-statistics> | 498 |
| <get-service-cos-statistics-information> | 498 |
| <get-service-crtip-extensive-information> | 499 |
| <get-service-crtip-flow-table-information> | 499 |
| <get-service-crtip-params-information> | 500 |
| <get-service-deployment-service-information> | 500 |
| <get-service-flow-analysis-information> | 500 |
| <get-service-identification-statistics-information> | 500 |
| <get-service-ids-destination-table-information> | 501 |
| <get-service-ids-pair-table-information> | 502 |
| <get-service-ids-source-table-information> | 503 |
| <get-service-msp-alg-conversation-information> | 505 |
| <get-service-msp-alg-stats-information> | 508 |
| <get-service-msp-flow-table-information> | 510 |
| <get-service-nat-ipv6-multicast-information> | 532 |
| <get-service-nat-mapping-brief> | 532 |
| <get-service-nat-mapping-detail> | 533 |
| <get-service-nat-mapping-summary> | 533 |
| <get-service-nat-pool-information> | 533 |
| <get-service-nat-statistics-information> | 533 |
| <get-service-pgcp-active-configuration-gateway> | 534 |
| <get-service-pgcp-conversation-information> | 534 |
| <get-service-pgcp-conversation-information-gateway> | 534 |
| <get-service-pgcp-flow-table-information> | 540 |
| <get-service-pgcp-flow-table-information-gateway> | 540 |
| <get-service-pgcp-gate> | 546 |
| <get-service-pgcp-gate-gateway> | 546 |
| <get-service-pgcp-gates> | 547 |
| <get-service-pgcp-gates-gateway> | 547 |
| <get-service-pgcp-statistics> | 548 |
| <get-service-pgcp-statistics-gateway> | 548 |
| <get-service-pgcp-terminations> | 548 |
| <get-service-pgcp-terminations-gateway> | 549 |
| <get-service-set-cpu-statistics> | 549 |
| <get-service-set-memory-statistics> | 550 |
| <get-service-set-packet-drop-statistics> | 550 |
| <get-service-set-plugin-summary> | 550 |
| <get-service-set-summary-information> | 551 |
| <get-service-set-syslog-statistics> | 551 |
| <get-service-set-tcp-mss-statistics> | 551 |
| <get-service-sfw-conversation-information> | 552 |

| | |
|--|-----|
| <get-service-sfw-flow-table-information> | 571 |
| <get-service-sfw-sip-call-information> | 590 |
| <get-service-sfw-sip-register-information> | 609 |
| <get-service-sfw-statistics-information> | 628 |
| <get-service-softwire-ds-lite-flow-table-information> | 629 |
| <get-service-softwire-flow-table-information> | 629 |
| <get-service-softwire-statistics-information> | 630 |
| <get-service-softwire-table-information> | 630 |
| <get-service-softwire-v6rd-flow-table-information> | 630 |
| <get-services-dynamic-flow-capture-content-destination-information> | 631 |
| <get-services-dynamic-flow-capture-control-source-information> | 631 |
| <get-services-flow-collector-file-information> | 632 |
| <get-services-flow-collector-information> | 632 |
| <get-services-flow-collector-input-information> | 633 |
| <get-services-l2tp-radius-accounting-servers-information> | 633 |
| <get-services-l2tp-radius-accounting-statistics-information> | 634 |
| <get-services-l2tp-radius-authentication-accounting-servers-information> .. | 634 |
| <get-services-l2tp-radius-authentication-accounting-statistics-informa- tion> | 634 |
| <get-services-l2tp-radius-authentication-servers-information> | 634 |
| <get-services-l2tp-radius-authentication-statistics-information> | 634 |
| <get-services-pgcpd-root-termination> | 635 |
| <get-services-pgcpd-root-termination-gateway> | 635 |
| <get-sfm-information> | 635 |
| <get-sha1-checksum-information> | 636 |
| <get-sha256-checksum-information> | 636 |
| <get-show-bridge-domain-all-ce-flood-route-information> | 636 |
| <get-show-bridge-domain-ve-flood-route-information> | 637 |
| <get-sib-information> | 637 |
| <get-snapshot-information> | 637 |
| <get-snmp-inform-statistics> | 638 |
| <get-snmp-information> | 638 |
| <get-snmp-object> | 638 |
| <get-snmp-v3-access-information> | 639 |
| <get-snmp-v3-community-information> | 639 |
| <get-snmp-v3-general-information> | 639 |
| <get-snmp-v3-group-information> | 640 |
| <get-snmp-v3-information> | 640 |
| <get-snmp-v3-notify-filter-information> | 640 |
| <get-snmp-v3-notify-information> | 640 |
| <get-snmp-v3-target-address-information> | 641 |
| <get-snmp-v3-target-information> | 641 |
| <get-snmp-v3-target-parameters-information> | 641 |
| <get-snmp-v3-usm-user-information> | 641 |
| <get-software-information> | 642 |
| <get-software-installation-status> | 642 |
| <get-source-class-statistics> | 642 |
| <get-spmib-information> | 643 |
| <get-spmib-sib-information> | 643 |

| | |
|---|-----|
| <get-ssb-information> | 643 |
| <get-statistics-information> | 643 |
| <get-subscriber-management-summary-information> | 645 |
| <get-subscribers> | 645 |
| <get-subscribers-summary> | 649 |
| <get-summary-mip-binding-information> | 649 |
| <get-switchover-information> | 649 |
| <get-synchronous-ethernet-esmc-statistics> | 650 |
| <get-synchronous-ethernet-esmc-transmit> | 650 |
| <get-synchronous-ethernet-global-information> | 650 |
| <get-syslog-events> | 651 |
| <get-syslog-facility-information> | 652 |
| <get-syslog-filenames> | 652 |
| <get-syslog-tag-information> | 652 |
| <get-system-alarm-information> | 652 |
| <get-system-archival> | 653 |
| <get-system-firmware-information> | 653 |
| <get-system-resource-cleanup-processes-information> | 653 |
| <get-system-services-reverse-information> | 653 |
| <get-system-storage> | 654 |
| <get-system-storage-partitions> | 654 |
| <get-system-uptime-information> | 654 |
| <get-system-users-information> | 654 |
| <get-system-virtual-memory-information> | 655 |
| <get-task-memory-information> | 655 |
| <get-ted-database-information> | 656 |
| <get-ted-link-information> | 656 |
| <get-ted-protocol-information> | 656 |
| <get-temperature-threshold-information> | 657 |
| <get-tfeb-information> | 657 |
| <get-uri-redirect-set-statistics-information> | 657 |
| <get-vcpu-information> | 658 |
| <get-vpls-all-ce-flood-route-information> | 658 |
| <get-vpls-all-flood-route-information> | 658 |
| <get-vpls-alt-root-flood-route-information> | 659 |
| <get-vpls-ce-flood-route-information> | 659 |
| <get-vpls-connection-information> | 659 |
| <get-vpls-event-queue-information> | 660 |
| <get-vpls-interface-mac-table> | 660 |
| <get-vpls-mac-table> | 661 |
| <get-vpls-mlp-flood-route-information> | 662 |
| <get-vpls-re-flood-route-information> | 663 |
| <get-vpls-statistics-information> | 663 |
| <get-vrrp-information> | 663 |
| <get-vrrp-interface-information> | 664 |
| <get-vrrp-track-interfaces> | 664 |
| <network-services> | 665 |
| <next-snmp-object> | 665 |
| <node-secret-file-table> | 665 |

| | |
|--|-----|
| <op-script> | 665 |
| <other-routing-engine> | 666 |
| <ping> | 666 |
| <relay-group-information> | 668 |
| <relay-group-member> | 668 |
| <relay-summary> | 669 |
| <reload-eedebg-action-profile> | 669 |
| <reload-event-scripts> | 669 |
| <request-appid-application-package-download> | 669 |
| <request-appid-application-package-download-status> | 670 |
| <request-appid-application-package-download-version> | 670 |
| <request-appid-application-package-uninstall> | 670 |
| <request-delete-rescue-configuration> | 671 |
| <request-dhcp-server-reconfigure-information> | 671 |
| <request-dhcpv6-server-reconfigure-information> | 671 |
| <request-end-session> | 672 |
| <request-feb> | 672 |
| <request-ggsn-restart-interface> | 672 |
| <request-ggsn-restart-node> | 673 |
| <request-ggsn-software-update> | 673 |
| <request-ggsn-start-imsi-trace> | 673 |
| <request-ggsn-start-msisdn-trace> | 673 |
| <request-ggsn-stop-imsi-trace> | 674 |
| <request-ggsn-stop-interface> | 674 |
| <request-ggsn-stop-msisdn-trace> | 674 |
| <request-ggsn-stop-node> | 675 |
| <request-ggsn-stop-trace-activity> | 675 |
| <request-ggsn-terminate-context> | 675 |
| <request-ggsn-terminate-contexts-apn> | 675 |
| <request-ggsn-terminate-msisdn-context> | 676 |
| <request-halt> | 676 |
| <request-idp-policy-load> | 679 |
| <request-idp-security-package-download> | 680 |
| <request-idp-security-package-download-version> | 680 |
| <request-idp-security-package-install> | 681 |
| <request-idp-ssl-key-add> | 682 |
| <request-idp-ssl-key-delete> | 682 |
| <request-license-delete> | 682 |
| <request-license-update> | 683 |
| <request-logout-user> | 683 |
| <request-monitor-ethernet-delay-measurement> | 683 |
| <request-monitor-ethernet-loss-measurement> | 684 |
| <request-package-add> | 685 |
| <request-package-delete> | 686 |
| <request-package-delete-backup> | 687 |
| <request-package-in-service-upgrade> | 687 |
| <request-package-nonstop-upgrade> | 687 |
| <request-package-rollback> | 688 |
| <request-package-validate> | 688 |

| | |
|--|------------|
| <request-ping-bgp-lsp> | 689 |
| <request-ping-ethernet> | 689 |
| <request-ping-fc-fcid> | 690 |
| <request-ping-fc-wwn> | 691 |
| <request-ping-l2circuit-interface> | 691 |
| <request-ping-l2circuit-virtual-circuit> | 692 |
| <request-ping-l2vpn-interface> | 693 |
| <request-ping-l3vpn> | 695 |
| <request-ping-ldp-lsp> | 695 |
| <request-ping-ldp-p2mp-lsp> | 696 |
| <request-ping-lsp-end-point> | 697 |
| <request-ping-rsvp-dynamic-bypass-lsp> | 698 |
| <request-ping-rsvp-lsp> | 699 |
| <request-ping-rsvp-manual-bypass-lsp> | 700 |
| <request-ping-vpls-instance> | 700 |
| <request-power-off> | 701 |
| <request-protection-group-ethernet-aps> | 705 |
| <request-reboot> | 705 |
| <request-redundancy-feb> | 710 |
| <request-save-rescue-configuration> | 710 |
| <request-script-refresh-from> | 710 |
| <request-scripts-package-add> | 711 |
| <request-scripts-package-delete> | 712 |
| <request-scripts-package-rollback> | 712 |
| <request-services-flow-collector-destination> | 712 |
| <request-services-flow-collector-test-file-transfer> | 713 |
| <request-snapshot> | 714 |
| <request-snmp-spoof-trap> | 717 |
| <request-system-storage-cleanup> | 717 |
| <request-traceroute-ethernet> | 718 |
| <revert-redundancy-interface-to-primary> | 718 |
| <set-logical-router> | 719 |
| <show-protection-group-ethernet-aps> | 719 |
| <switch-redundancy-interface-to-secondary> | 720 |
| <traceroute> | 720 |
| <walk-snmp-object> | 721 |
| Chapter 8 | |
| Operational Request Tag Elements Specific to EX Series and QFX Series | 723 |
| <clear-captive-portal-firewall> | 723 |
| <clear-captive-portal-firewall-interface> | 723 |
| <clear-captive-portal-interface-session> | 724 |
| <clear-captive-portal-mac-session> | 724 |
| <clear-sflow-collector-statistics> | 724 |
| <clear-virtual-chassis-port-statistics> | 724 |
| <clear-virtual-chassis-statistics> | 725 |
| <get-captive-portal-authentication-failed-users> | 725 |
| <get-captive-portal-firewall-interface> | 725 |
| <get-captive-portal-interface-information> | 725 |

| | |
|--|-----|
| <get-initialsetup-status-information> | 726 |
| <get-lcd-fpc-information> | 726 |
| <get-lcd-information> | 726 |
| <get-led-fpc-information> | 727 |
| <get-led-information> | 727 |
| <get-poe-controller-information> | 727 |
| <get-poe-interface-information> | 727 |
| <get-poe-notifications> | 728 |
| <get-sflow-collector> | 728 |
| <get-sflow-interface> | 728 |
| <get-tdr-interface-information> | 728 |
| <get-telemetries-information> | 729 |
| <get-uplink-failure-detection-group-information> | 729 |
| <get-uplink-failure-detection-information> | 729 |
| <get-virtual-chassis-active-topology> | 730 |
| <get-virtual-chassis-adjacency-information> | 730 |
| <get-virtual-chassis-database-information> | 730 |
| <get-virtual-chassis-device-topology> | 731 |
| <get-virtual-chassis-fast-failover> | 731 |
| <get-virtual-chassis-information> | 731 |
| <get-virtual-chassis-interface-information> | 732 |
| <get-virtual-chassis-mode-information> | 732 |
| <get-virtual-chassis-packet-path> | 732 |
| <get-virtual-chassis-port-information> | 733 |
| <get-virtual-chassis-port-statistics> | 733 |
| <get-virtual-chassis-route-information> | 733 |
| <get-virtual-chassis-statistics-information> | 734 |
| <poe-controller-download-software> | 734 |

Chapter 9

Operational Request Tag Elements Specific to J Series and SRX

| | |
|--|------------|
| Series | 735 |
| <clear-alg-h323-counters> | 735 |
| <clear-alg-ike-esp-state> | 735 |
| <clear-alg-mgcp-calls-information> | 735 |
| <clear-alg-mgcp-counter-information> | 736 |
| <clear-alg-sccp-calls-information> | 736 |
| <clear-alg-sccp-counters> | 736 |
| <clear-alg-sip-calls> | 736 |
| <clear-alg-sip-counters> | 736 |
| <clear-all-dvnpn-user-connections> | 737 |
| <clear-anti-spam-clear> | 737 |
| <clear-anti-virus> | 737 |
| <clear-application-firewall-statistics> | 737 |
| <clear-avt-counters> | 738 |
| <clear-chassis-cluster-control-plane-statistics> | 738 |
| <clear-chassis-cluster-data-plane-statistics> | 738 |
| <clear-chassis-cluster-failover-count> | 738 |
| <clear-chassis-cluster-ip-monitoring-failure-count> | 738 |
| <clear-chassis-cluster-ip-monitoring-failure-count-ip-address> | 739 |

| | |
|--|-----|
| <clear-chassis-cluster-statistics> | 739 |
| <clear-chassis-cluster-switch-fabric-probe-statistics> | 739 |
| <clear-content-filter> | 739 |
| <clear-destination-nat-pool-information> | 740 |
| <clear-destination-nat-rule-sets-information> | 740 |
| <clear-dvnpn-user-connection-by-username> | 740 |
| <clear-eedebg-counters> | 741 |
| <clear-flow-ipaction-all> | 741 |
| <clear-flow-session-all> | 741 |
| <clear-flow-session-by-application> | 741 |
| <clear-flow-session-by-destination-port> | 743 |
| <clear-flow-session-by-destination-prefix> | 743 |
| <clear-flow-session-by-family> | 743 |
| <clear-flow-session-by-interface> | 744 |
| <clear-flow-session-by-protocol> | 744 |
| <clear-flow-session-by-resource-manager> | 745 |
| <clear-flow-session-by-session-identifier> | 745 |
| <clear-flow-session-by-source-port> | 745 |
| <clear-flow-session-by-source-prefix> | 746 |
| <clear-group-vpn-ike-security-associations> | 746 |
| <clear-group-vpn-kek-security-associations> | 747 |
| <clear-gvpn-ipsec-security-association> | 747 |
| <clear-gvpn-ipsec-statistics> | 747 |
| <clear-ike-respond-bad-spi-count> | 748 |
| <clear-ike-security-association> | 748 |
| <clear-incoming-table-information> | 749 |
| <clear-ipsec-security-association> | 749 |
| <clear-ipsec-statistics> | 749 |
| <clear-persist-nat-all> | 750 |
| <clear-persist-nat-interface-information> | 750 |
| <clear-persist-nat-ip-port-information> | 750 |
| <clear-persist-nat-pool-information> | 750 |
| <clear-retag-statistics> | 751 |
| <clear-screen-statistics> | 751 |
| <clear-security-dynamic-policies-statistics> | 752 |
| <clear-security-firewall-authentication-history> | 752 |
| <clear-security-firewall-authentication-users> | 752 |
| <clear-security-group-vpn-server> | 753 |
| <clear-security-policies-statistics> | 753 |
| <clear-source-nat-pool-information> | 753 |
| <clear-source-nat-rule-sets-information> | 754 |
| <clear-static-nat-rule-sets-information> | 754 |
| <clear-tgm-media-gateway-controller> | 754 |
| <clear-web-filter-clear> | 755 |
| <clear-wlan-access-points-neighbors> | 755 |
| <get-alg-h323-counters> | 755 |
| <get-alg-mgcp-call-information> | 755 |
| <get-alg-mgcp-counter-information> | 756 |
| <get-alg-mgcp-endpoint-information> | 756 |

| | |
|---|-----|
| <get-alg-msrpc-uuid2oid-table> | 756 |
| <get-alg-sccp-calls> | 756 |
| <get-alg-sccp-counters> | 757 |
| <get-alg-sip-call-information> | 757 |
| <get-alg-sip-counter-information> | 757 |
| <get-alg-sip-rate-information> | 757 |
| <get-alg-status> | 758 |
| <get-appfw-rule-set> | 758 |
| <get-avt-counters> | 758 |
| <get-chassis-cluster-control-plane-statistics> | 758 |
| <get-chassis-cluster-data-plane-interfaces> | 759 |
| <get-chassis-cluster-data-plane-statistics> | 759 |
| <get-chassis-cluster-ethernet-switching-status> | 759 |
| <get-chassis-cluster-interfaces> | 759 |
| <get-chassis-cluster-ip-monitoring-status> | 759 |
| <get-chassis-cluster-ip-monitoring-status-redundancy-group> | 760 |
| <get-chassis-cluster-statistics> | 760 |
| <get-chassis-cluster-status> | 760 |
| <get-chassis-cluster-switch-fabric-link-interfaces> | 761 |
| <get-chassis-cluster-switch-fabric-probe-statistics> | 761 |
| <get-client-version> | 761 |
| <get-destination-nat-pool-information> | 761 |
| <get-destination-nat-rule-sets-information> | 762 |
| <get-destination-nat-summary-information> | 762 |
| <get-dialer-defaults-information> | 762 |
| <get-eedebg-action-profile> | 762 |
| <get-eedebg-counters> | 763 |
| <get-eedebg-events> | 763 |
| <get-firewall-authentication-history> | 763 |
| <get-firewall-authentication-users> | 763 |
| <get-firewall-dynamic-policies> | 764 |
| <get-firewall-policies> | 764 |
| <get-flow-cp-session> | 765 |
| <get-flow-gate-information> | 768 |
| <get-flow-ipaction-information> | 772 |
| <get-flow-ipaction-information-all> | 775 |
| <get-flow-session-by-identifier> | 775 |
| <get-flow-session-information> | 775 |
| <get-flow-statistics-all> | 791 |
| <get-flow-status-all> | 791 |
| <get-gvpn-ike-security-associations-information> | 791 |
| <get-gvpn-ipsec-statistics-information> | 792 |
| <get-gvpn-kek-security-associations-information> | 792 |
| <get-gvpn-security-associations-information> | 793 |
| <get-gvvp-information> | 793 |
| <get-ids-statistics> | 794 |
| <get-ike-active-peers-information> | 794 |
| <get-ike-security-associations-information> | 795 |
| <get-incoming-table-information> | 796 |

| | |
|---|-----|
| <get-interface-nat-ports-information> | 796 |
| <get-ipsec-next-hop-tunnel-information> | 796 |
| <get-ipsec-statistics-information> | 796 |
| <get-performance-session-information> | 797 |
| <get-performance-spu-information> | 797 |
| <get-persist-nat-all> | 798 |
| <get-persist-nat-interface-information> | 798 |
| <get-persist-nat-sum> | 798 |
| <get-poe-controller-information> | 798 |
| <get-poe-fpc-information> | 798 |
| <get-poe-interface-information> | 799 |
| <get-poe-notifications> | 799 |
| <get-pre-shared-key> | 799 |
| <get-resmgr-group-active> | 799 |
| <get-resmgr-resource-active> | 800 |
| <get-resmgr-settings> | 800 |
| <get-resource-manager-summary> | 800 |
| <get-retag-statistics> | 800 |
| <get-schedulers> | 801 |
| <get-security-associations-information> | 801 |
| <get-security-group-vpn-server-ike-security-associations-information> | 802 |
| <get-security-group-vpn-server-kek-sa> | 803 |
| <get-security-group-vpn-server-registered-members> | 803 |
| <get-security-group-vpn-server-security-information> | 804 |
| <get-security-report-threats-recent-activity> | 804 |
| <get-security-report-threats-statistics> | 805 |
| <get-security-report-threats-summary> | 805 |
| <get-security-report-traffic-statistics> | 805 |
| <get-smtp-configuration> | 805 |
| <get-smtp-statistics> | 806 |
| <get-source-nat-pool-information> | 806 |
| <get-source-nat-rule-sets-information> | 806 |
| <get-source-nat-summary> | 806 |
| <get-spu-monitoring-information> | 807 |
| <get-static-nat-rule-information> | 807 |
| <get-static-nat-summary> | 807 |
| <get-telemetries-information> | 807 |
| <get-tgm-dynamic-cac-information> | 808 |
| <get-tgm-information> | 808 |
| <get-tgm-telephony-interface-module-status> | 808 |
| <get-user-connection> | 809 |
| <get-wlan-access-points-list> | 809 |
| <get-wx-status> | 810 |
| <get-zones-information> | 810 |
| <match-firewall-policies> | 810 |
| <request-anti-virus-request-update-express> | 814 |
| <request-anti-virus-request-update-kaspersky> | 815 |
| <request-anti-virus-update-sophos-patterns> | 815 |
| <request-chassis-cluster-in-service-upgrade> | 816 |

| | |
|--|-----|
| <request-eedebug-capture-start> | 816 |
| <request-eedebug-capture-stop> | 816 |
| <request-gsm-change-pin> | 816 |
| <request-gsm-create-profile> | 817 |
| <request-gsm-delete-profile> | 818 |
| <request-gsm-sim-lock> | 818 |
| <request-gsm-sim-unblock> | 818 |
| <request-gsm-sim-unlock> | 819 |
| <request-modem-wireless-activate-iota> | 819 |
| <request-modem-wireless-activate-manual> | 819 |
| <request-modem-wireless-activate-otasp> | 820 |
| <request-wlan-access-point-firmware-switch> | 820 |
| <request-wlan-access-point-firmware-upgrade> | 821 |
| <request-wlan-access-point-packet-capture-start> | 821 |
| <request-wlan-access-point-packet-capture-stop> | 824 |
| <request-wlan-access-point-restart> | 824 |
| <retrieve-destination-nat-summary-information> | 825 |
| <retrieve-persist-nat-ip-port-information> | 825 |
| <retrieve-persist-nat-pool-information> | 825 |
| <retrieve-source-nat-pool-information> | 825 |
| <retrieve-source-nat-summary> | 826 |
| <set-chassis-cluster-disable> | 826 |
| <set-chassis-cluster-enable> | 826 |
| <set-tgm-media-gateway-controller> | 827 |
| <show-alg-ike-esp-state> | 827 |
| <show-alg-ike-esp-summary> | 827 |
| <show-anti-spam> | 828 |
| <show-anti-spam-statistics> | 828 |
| <show-anti-spam-status> | 828 |
| <show-anti-virus> | 828 |
| <show-anti-virus-statistics> | 829 |
| <show-anti-virus-status> | 829 |
| <show-anti-virus-status-detail> | 829 |
| <show-content-filtering> | 829 |
| <show-content-filtering-statistics> | 830 |
| <show-ds-lite-softwire-one-sc-information> | 830 |
| <show-ds-lite-softwire-sc-information> | 830 |
| <show-eedebug-capture> | 830 |
| <show-modem-wireless-interface> | 831 |
| <show-utmd-session> | 831 |
| <show-utmd-status> | 831 |
| <show-web-filtering> | 831 |
| <show-web-filtering-statistics> | 832 |
| <show-web-filtering-status> | 832 |
| <test-anti-spam-profile> | 832 |
| <test-anti-virus-profile> | 833 |
| <test-web-filtering-profile> | 833 |

Part 3

Chapter 10

Summary of Operational Response Tag Elements

Operational Response Tag Elements Applicable to All Platforms 837

| | |
|---|-----|
| Summary of Captive Portal Content Delivery Tags | 839 |
| <cpcdd-pic> | 839 |
| <cpcdd-pic-statistics> | 840 |
| <cpcdd-pic-statistics-cleared> | 840 |
| <cpcdd-pic-table> | 840 |
| <cpcdd-pic-table-entry> | 840 |
| <cpcdd-profile> | 841 |
| <cpcdd-profile-table> | 841 |
| <cpcdd-profile-table-entry> | 841 |
| <cpcdd-rule> | 841 |
| <cpcdd-rule-set-table> | 842 |
| <cpcdd-rule-set-table-entry> | 842 |
| <cpcdd-rule-table> | 842 |
| <cpcdd-rule-table-entry> | 842 |
| <cpcdd-rule-term> | 843 |
| <cpcdd-ruleset> | 843 |
| <cpcdd-service-set-brief> | 843 |
| <cpcdd-service-set-detail> | 843 |
| <cpcdd-service-set-summary> | 843 |
| <cpcdd-sset-brief-table> | 844 |
| <cpcdd-sset-brief-table-entry> | 844 |
| <cpcdd-sset-detail-table> | 844 |
| <cpcdd-sset-detail-table-entry> | 844 |
| <cpcdd-term> | 845 |
| <cpcdd-term-table> | 845 |
| <cpcdd-term-table-entry> | 845 |
| <no-cpcdd-statistics> | 846 |
| <no-term-found> | 846 |
| <statistics> | 846 |
| <statistics-cleared-header> | 847 |
| <statistics-header> | 847 |
| <term-address-range> | 847 |
| <term-application> | 847 |
| <term-header> | 848 |
| Summary of Ethernet Virtual Circuit Response Tags | 848 |
| <elmi-evc-entry> | 848 |
| <elmi-evc-information> | 849 |
| <elmi-evc-uni> | 849 |
| <elmi-interface-entry> | 850 |
| <elmi-interface-information> | 850 |
| <elmi-interface-statistics> | 851 |
| <elmi-interface-statistics-entry> | 851 |
| <elmi-uni-evc> | 851 |
| Summary of Accounting Response Tags | 852 |
| <accounting-profile-columns> | 852 |
| <accounting-profile-filter> | 852 |

| | |
|--|-----|
| <accounting-profile-header> | 853 |
| <accounting-profile-information> | 853 |
| <accounting-profile-interfaces> | 854 |
| <accounting-profile-mib> | 854 |
| <accounting-record-information> | 854 |
| <cu-accounting-record> | 854 |
| <cu-accounting-statistics> | 855 |
| <file-accounting-record> | 856 |
| <file-accounting-records> | 856 |
| <filter-accounting-record> | 856 |
| <filter-accounting-statistics> | 857 |
| <index> | 857 |
| <interface-accounting-record> | 857 |
| <interface-accounting-statistics> | 859 |
| <mib-accounting-record> | 859 |
| <mib-accounting-statistics> | 859 |
| <pfe> | 860 |
| <pfe-bfd-statistics-detail> | 860 |
| <pfe-cfm-statistics-detail> | 861 |
| <pfe-chip-statistics> | 862 |
| <pfe-cpu-stats> | 862 |
| <pfe-hardware-discard-statistics> | 862 |
| <pfe-information> | 863 |
| <pfe-lfm-statistics-detail> | 863 |
| <pfe-local-protocol-statistics> | 864 |
| <pfe-local-traffic-statistics> | 865 |
| <pfe-multicast-stats> | 865 |
| <pfe-queue> | 866 |
| <pfe-queue> | 869 |
| <pfe-queue> | 873 |
| <pfe-queue> | 876 |
| <pfe-queue> | 880 |
| <pfe-queue-counters> | 884 |
| <pfe-queue-counters> | 884 |
| <pfe-queue-counters> | 884 |
| <pfe-queue-counters> | 885 |
| <pfe-queue-counters> | 885 |
| <pfe-resource> | 885 |
| <pfe-resource-general-information> | 885 |
| <pfe-resource-usage> | 886 |
| <pfe-resource-usage-details> | 886 |
| <pfe-statistics> | 887 |
| <pfe-tail-drop-statistics> | 887 |
| <pfe-total-tail-drop> | 887 |
| <pfe-traffic-statistics> | 887 |
| <pfe-vrrp-statistics-detail> | 888 |
| <routing-engine-accounting-record> | 888 |
| <routing-engine-accounting-statistics> | 889 |
| <snmp-object> | 890 |

| | |
|--|-----|
| <snmp-object-information> | 890 |
| <snmp-request-error> | 890 |
| Summary of Adaptive Services Response Tags | 891 |
| <alg-error-counters> | 891 |
| <alg-error-counters> | 892 |
| <base-root-entry> | 893 |
| <base-root-entry> | 894 |
| <base-root-entry> | 894 |
| <base-root-entry> | 895 |
| <base-root-entry> | 895 |
| <base-root-entry> | 896 |
| <bsg-address-of-record> | 896 |
| <bsg-address-of-record> | 897 |
| <bsg-address-of-record-binding> | 897 |
| <bsg-address-of-record-binding> | 898 |
| <bsg-address-of-record-binding> | 898 |
| <bsg-address-of-record-binding> | 899 |
| <bsg-address-of-record-bindings> | 900 |
| <bsg-address-of-record-bindings> | 900 |
| <bsg-address-of-record-bindings> | 900 |
| <bsg-address-of-records> | 901 |
| <bsg-admission-control-details> | 901 |
| <bsg-admission-control-details> | 901 |
| <bsg-admission-control-dialogs> | 901 |
| <bsg-admission-control-dialogs> | 902 |
| <bsg-admission-control-dialogs> | 902 |
| <bsg-admission-control-transactions> | 902 |
| <bsg-admission-control-transactions> | 902 |
| <bsg-admission-control-transactions> | 903 |
| <bsg-admission-controlled-object> | 903 |
| <bsg-admission-controlled-object> | 903 |
| <bsg-admission-controlled-object> | 904 |
| <bsg-admission-controlled-object> | 904 |
| <bsg-admission-controlled-object> | 905 |
| <bsg-admission-controlled-object> | 905 |
| <bsg-admission-controlled-object> | 906 |
| <bsg-calls-duration> | 906 |
| <bsg-calls-duration-details> | 906 |
| <bsg-charging-statistics> | 907 |
| <bsg-charging-status> | 907 |
| <bsg-charging-status-cdf> | 907 |
| <bsg-charging-status-cdf> | 908 |
| <bsg-database-size> | 908 |
| <bsg-denied-messages-details> | 908 |
| <bsg-denied-messages-details> | 909 |
| <bsg-drain-name-resolution-details> | 909 |
| <bsg-information-brief> | 909 |
| <bsg-information-brief-details> | 909 |
| <bsg-information-brief-details> | 910 |

| | |
|--|-----|
| <bsg-information-details-detailed> | 910 |
| <bsg-information-summary> | 910 |
| <bsg-media-details> | 911 |
| <bsg-media-details> | 911 |
| <bsg-media-details> | 911 |
| <bsg-memory-pools> | 912 |
| <bsg-name-resolution-cache-information> | 912 |
| <bsg-name-resolution-entry> | 912 |
| <bsg-name-resolution-entry> | 913 |
| <bsg-nr-cache> | 913 |
| <bsg-redundancy-connection-info> | 914 |
| <bsg-redundancy-info> | 914 |
| <bsg-redundancy-pic-info> | 914 |
| <bsg-registrations> | 915 |
| <bsg-registrations-realm> | 915 |
| <bsg-routing-blacklist-actively-checked> | 915 |
| <bsg-routing-blacklist-actively-checked> | 916 |
| <bsg-routing-blacklist-actively-checked> | 916 |
| <bsg-routing-blacklist-actively-checked-wrapper> | 917 |
| <bsg-routing-blacklist-actively-checked-wrapper> | 917 |
| <bsg-routing-blacklist-details> | 917 |
| <bsg-routing-blacklist-entry> | 917 |
| <bsg-routing-blacklist-not-actively-checked> | 918 |
| <bsg-routing-blacklist-not-actively-checked> | 918 |
| <bsg-routing-blacklist-not-actively-checked> | 918 |
| <bsg-routing-blacklist-not-actively-checked-wrapper> | 919 |
| <bsg-routing-blacklist-not-actively-checked-wrapper> | 919 |
| <bsg-service-point-calls-details> | 920 |
| <bsg-service-point-calls-details> | 920 |
| <bsg-service-point-calls-duration-details> | 921 |
| <bsg-service-point-calls-duration-details> | 921 |
| <bsg-service-point-calls-failed-details> | 921 |
| <bsg-service-point-calls-failed-details> | 922 |
| <bsg-service-point-calls-information> | 924 |
| <bsg-service-point-calls-information> | 925 |
| <bsg-statistics-admission-control> | 926 |
| <bsg-statistics-admission-control-information> | 926 |
| <bsg-statistics-calls> | 926 |
| <bsg-statistics-calls-details> | 926 |
| <bsg-statistics-calls-failed> | 926 |
| <bsg-statistics-calls-failed-details> | 927 |
| <bsg-statistics-clear-denied-messages> | 927 |
| <bsg-statistics-denied-messages> | 927 |
| <bsg-statistics-denied-messages-details> | 927 |
| <bsg-statistics-drain-information> | 928 |
| <bsg-status-information> | 928 |
| <calls-duration-entry> | 928 |
| <calls-duration-entry> | 928 |
| <calls-duration-entry> | 929 |

| | |
|--|-----|
| <calls-duration-histogram> | 929 |
| <calls-duration-histogram> | 929 |
| <calls-duration-histogram> | 930 |
| <clear-service-bsg-registrations-statistics> | 930 |
| <clear-services-bsg-registrations-subscription> | 930 |
| <controller-entry> | 930 |
| <controller-entry> | 931 |
| <controller-entry> | 931 |
| <controller-entry> | 931 |
| <controller-entry> | 932 |
| <controller-entry> | 932 |
| <cos-stats-service-set-dscp-entry> | 933 |
| <cos-stats-service-set-dscp-entry> | 933 |
| <cos-stats-service-set-dscp-information> | 933 |
| <cos-stats-service-set-forwarding-class-entry> | 934 |
| <cos-stats-service-set-forwarding-class-entry> | 934 |
| <cos-stats-service-set-forwarding-class-information> | 934 |
| <crtp-config-info-entry> | 935 |
| <crtp-counter-table> | 935 |
| <crtp-flow-entry> | 936 |
| <crtp-flow-entry> | 936 |
| <crtp-flow-entry> | 937 |
| <crtp-ip-counter-table> | 937 |
| <crtp-per-interface-flow-table> | 937 |
| <crtp-per-interface-flow-table> | 938 |
| <crtp-stats-entry> | 938 |
| <drop_counters> | 939 |
| <drop_counters> | 939 |
| <error-counters> | 939 |
| <error-counters> | 940 |
| <existing-flow-counters> | 941 |
| <existing-flow-counters> | 941 |
| <fast-update-filters-entry> | 941 |
| <fast-update-filters-entry> | 942 |
| <fast-update-filters-entry> | 942 |
| <fast-update-filters-entry> | 942 |
| <fast-update-filters-entry> | 943 |
| <fast-update-filters-entry> | 943 |
| <firewall-entry> | 943 |
| <firewall-entry> | 944 |
| <flow-analysis-statistics-entry> | 944 |
| <flow-analysis-statistics-entry> | 945 |
| <flow-analysis-statistics-pic-info> | 946 |
| <flow-analysis-statistics-pic-info> | 946 |
| <flow-analysis-statistics-pic-info> | 947 |
| <flow-analysis-statistics-pic-info> | 947 |
| <flow-table-statistics> | 947 |
| <flow-table-statistics> | 949 |
| <flow-table-statistics-information> | 951 |

| | |
|--|-----|
| <fragmenter-entries> | 952 |
| <fragmenter-entry> | 952 |
| <gate-fuf-statistics-information> | 952 |
| <gate-fuf-statistics-information> | 953 |
| <gate-fuf-statistics-information> | 953 |
| <gate-rtcp-extended-burst-metrics-report> | 953 |
| <gate-rtcp-extended-burst-metrics-report> | 954 |
| <gate-rtcp-extended-burst-metrics-report> | 954 |
| <gate-rtcp-extended-burst-metrics-report> | 955 |
| <gate-rtcp-extended-information> | 955 |
| <gate-rtcp-extended-information> | 956 |
| <gate-rtcp-extended-information> | 956 |
| <gate-rtcp-extended-information> | 956 |
| <gate-rtcp-extended-report> | 957 |
| <gate-rtcp-extended-report> | 957 |
| <gate-rtcp-extended-report> | 958 |
| <gate-rtcp-extended-report> | 959 |
| <gate-rtcp-information> | 960 |
| <gate-rtcp-information> | 961 |
| <gate-rtcp-information> | 961 |
| <gate-rtcp-receiver-entry> | 961 |
| <gate-rtcp-receiver-entry> | 962 |
| <gate-rtcp-receiver-entry> | 962 |
| <gate-rtcp-receiver-entry> | 962 |
| <gate-rtcp-receiver-information> | 963 |
| <gate-rtcp-receiver-information> | 963 |
| <gate-rtcp-receiver-information> | 963 |
| <gate-rtcp-receiver-information> | 964 |
| <gate-rtcp-sender-information> | 964 |
| <gate-rtcp-sender-information> | 964 |
| <gate-rtcp-sender-information> | 965 |
| <gate-rtcp-sender-information> | 965 |
| <gateway-entry> | 966 |
| <gateway-entry> | 967 |
| <gateway-entry> | 968 |
| <gateway-entry> | 970 |
| <gateway-entry> | 971 |
| <h248-application-data-inactivity-detection-entry> | 973 |
| <h248-application-data-inactivity-detection-entry> | 973 |
| <h248-application-data-inactivity-detection-entry> | 973 |
| <h248-application-data-inactivity-detection-entry> | 973 |
| <h248-application-data-inactivity-detection-entry> | 974 |
| <h248-application-data-inactivity-detection-entry> | 974 |
| <h248-diffserv-entry> | 974 |
| <h248-diffserv-entry> | 975 |
| <h248-diffserv-entry> | 975 |
| <h248-diffserv-entry> | 975 |
| <h248-diffserv-entry> | 975 |
| <h248-diffserv-entry> | 976 |

| | |
|--|-----|
| <h248-event-timestamp-notification-entry> | 976 |
| <h248-event-timestamp-notification-entry> | 976 |
| <h248-event-timestamp-notification-entry> | 977 |
| <h248-event-timestamp-notification-entry> | 977 |
| <h248-event-timestamp-notification-entry> | 977 |
| <h248-event-timestamp-notification-entry> | 977 |
| <h248-notification-behavior-entry> | 978 |
| <h248-notification-behavior-entry> | 978 |
| <h248-notification-behavior-entry> | 978 |
| <h248-notification-behavior-entry> | 979 |
| <h248-notification-behavior-entry> | 979 |
| <h248-notification-behavior-entry> | 979 |
| <h248-options-entry> | 979 |
| <h248-options-entry> | 980 |
| <h248-options-entry> | 980 |
| <h248-options-entry> | 981 |
| <h248-options-entry> | 981 |
| <h248-options-entry> | 981 |
| <h248-segmentation-properties-entry> | 982 |
| <h248-segmentation-properties-entry> | 982 |
| <h248-segmentation-properties-entry> | 983 |
| <h248-segmentation-properties-entry> | 983 |
| <h248-segmentation-properties-entry> | 984 |
| <h248-segmentation-properties-entry> | 984 |
| <h248-timers-entry> | 984 |
| <h248-timers-entry> | 985 |
| <h248-timers-entry> | 985 |
| <h248-timers-entry> | 986 |
| <h248-timers-entry> | 986 |
| <h248-timers-entry> | 987 |
| <header-redirect-set-statistics> | 987 |
| <header-redirect-set-statistics> | 988 |
| <header-redirect-set-statistics-information> | 989 |
| <icmp-error-counters> | 989 |
| <icmp-error-counters> | 989 |
| <ids-anomaly-entry> | 990 |
| <ids-anomaly-entry> | 990 |
| <ids-anomaly-entry> | 991 |
| <ids-anomaly-entry> | 991 |
| <ids-anomaly-entry> | 992 |
| <ids-flow-entry> | 992 |
| <ids-flow-entry> | 993 |
| <ids-flow-entry> | 994 |
| <ids-flow-entry> | 995 |
| <ids-flow-table> | 996 |
| <ids-flow-table> | 996 |
| <ids-flow-table> | 996 |
| <ids-per-service-set-flow-table> | 996 |
| <ids-per-service-set-flow-table> | 997 |

| | |
|--|------|
| <ids-show-summary> | 997 |
| <ids-show-summary> | 997 |
| <inactivity-timer-entry> | 998 |
| <inactivity-timer-entry> | 998 |
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| <inactivity-timer-entry> | 999 |
| <inactivity-timer-entry> | 999 |
| <inactivity-timer-entry> | 999 |
| <ip-error-counters> | 1000 |
| <ip-error-counters> | 1001 |
| <l2tp-destination-clear-entry> | 1002 |
| <l2tp-destination-clear-entry> | 1002 |
| <l2tp-destination-entry> | 1002 |
| <l2tp-destination-entry> | 1003 |
| <l2tp-destination-entry> | 1004 |
| <l2tp-destination-table> | 1005 |
| <l2tp-destination-table> | 1006 |
| <l2tp-lac-summary-table> | 1006 |
| <l2tp-multilink-clear-entry> | 1006 |
| <l2tp-multilink-clear-entry> | 1006 |
| <l2tp-multilink-entry> | 1007 |
| <l2tp-multilink-entry> | 1008 |
| <l2tp-multilink-links> | 1009 |
| <l2tp-multilink-links> | 1009 |
| <l2tp-multilink-links> | 1009 |
| <l2tp-per-tunnel-group-tunnel-table> | 1009 |
| <l2tp-per-tunnel-group-tunnel-table> | 1010 |
| <l2tp-per-tunnel-session-table> | 1010 |
| <l2tp-per-tunnel-session-table> | 1010 |
| <l2tp-per-tunnel-user-table> | 1011 |
| <l2tp-session-clear-entry> | 1011 |
| <l2tp-session-clear-entry> | 1011 |
| <l2tp-session-entry> | 1011 |
| <l2tp-session-entry> | 1014 |
| <l2tp-session-entry> | 1017 |
| <l2tp-session-entry> | 1019 |
| <l2tp-session-entry> | 1022 |
| <l2tp-session-entry> | 1025 |
| <l2tp-session-entry> | 1027 |
| <l2tp-session-table> | 1030 |
| <l2tp-session-table> | 1030 |
| <l2tp-session-table> | 1030 |
| <l2tp-summary-table> | 1031 |
| <l2tp-summary-table> | 1032 |
| <l2tp-tunnel-clear-entry> | 1033 |
| <l2tp-tunnel-clear-entry> | 1034 |
| <l2tp-tunnel-entry> | 1034 |
| <l2tp-tunnel-entry> | 1035 |
| <l2tp-tunnel-entry> | 1037 |

| | |
|--|------|
| <l2tp-tunnel-entry> | 1039 |
| <l2tp-tunnel-table> | 1040 |
| <l2tp-tunnel-table> | 1041 |
| <l2tp-tunnel-table> | 1041 |
| <load-balancer-entries> | 1041 |
| <load-balancer-entry> | 1041 |
| <lsqinfo-cpu-usage-information> | 1042 |
| <maximum-inactivity-time> | 1042 |
| <maximum-inactivity-time> | 1043 |
| <maximum-inactivity-time> | 1043 |
| <maximum-inactivity-time> | 1044 |
| <maximum-inactivity-time> | 1044 |
| <maximum-inactivity-time> | 1044 |
| <media-service-entry> | 1045 |
| <media-service-entry> | 1045 |
| <media-service-ref-entry> | 1045 |
| <media-service-ref-entry> | 1046 |
| <media-service-ref-entry> | 1046 |
| <media-service-ref-entry> | 1046 |
| <media-service-ref-entry> | 1047 |
| <message-counters> | 1047 |
| <message-counters> | 1049 |
| <msp-alg-conv-all-entry> | 1051 |
| <msp-alg-conv-all-entry> | 1052 |
| <msp-alg-conv-all-extensive-entry> | 1054 |
| <msp-alg-conv-all-extensive-entry> | 1056 |
| <msp-alg-conv-group-num-entry> | 1057 |
| <msp-alg-conv-group-num-entry> | 1058 |
| <msp-alg-conv-groups-entry> | 1059 |
| <msp-alg-conv-groups-entry> | 1059 |
| <msp-alg-conv-resource-num-entry> | 1059 |
| <msp-alg-conv-resource-num-entry> | 1061 |
| <msp-alg-conv-resources-entry> | 1062 |
| <msp-alg-conv-resources-entry> | 1062 |
| <msp-alg-conv-summary-entry> | 1063 |
| <msp-alg-conv-summary-entry> | 1063 |
| <msp-alg-dce-rpc-entry> | 1064 |
| <msp-alg-dce-rpc-entry> | 1064 |
| <msp-alg-dce-rpc-portmap-entry> | 1065 |
| <msp-alg-dce-rpc-portmap-entry> | 1066 |
| <msp-alg-dns-entry> | 1066 |
| <msp-alg-dns-entry> | 1066 |
| <msp-alg-ftp-entry> | 1067 |
| <msp-alg-ftp-entry> | 1067 |
| <msp-alg-pptp-entry> | 1067 |
| <msp-alg-pptp-entry> | 1070 |
| <msp-alg-rpc-entry> | 1073 |
| <msp-alg-rpc-entry> | 1074 |
| <msp-alg-rpc-portmap-entry> | 1075 |

| | |
|---|------|
| <msp-alg-rpc-portmap-entry> | 1075 |
| <msp-alg-rsh-entry> | 1076 |
| <msp-alg-rsh-entry> | 1077 |
| <msp-alg-rtsp-entry> | 1077 |
| <msp-alg-rtsp-entry> | 1077 |
| <msp-alg-sql-entry> | 1078 |
| <msp-alg-sql-entry> | 1078 |
| <msp-alg-talk-entry> | 1079 |
| <msp-alg-talk-entry> | 1079 |
| <msp-per-service-set-sess-table> | 1079 |
| <msp-sess-entry> | 1080 |
| <msp-sess-entry> | 1080 |
| <nat-plugin-sess-entry> | 1081 |
| <nat-plugin-sess-entry> | 1081 |
| <natmapping-address-mapping> | 1081 |
| <natmapping-address-mapping> | 1082 |
| <natmapping-address-mapping> | 1082 |
| <natmapping-summary> | 1083 |
| <new-flow-counters> | 1083 |
| <new-flow-counters> | 1084 |
| <overload-control-entry> | 1084 |
| <overload-control-entry> | 1085 |
| <overload-control-entry> | 1085 |
| <overload-control-entry> | 1085 |
| <overload-control-entry> | 1086 |
| <overload-control-entry> | 1086 |
| <parser-counters> | 1087 |
| <parser-counters> | 1087 |
| <pgcp-conversation> | 1087 |
| <pgcp-conversation> | 1088 |
| <pgcp-flow-entry> | 1088 |
| <pgcp-flow-entry> | 1090 |
| <pgcp-flow-entry> | 1091 |
| <pgcp-flow-entry> | 1093 |
| <pgcp-flow-entry> | 1094 |
| <pgcp-flow-nat> | 1096 |
| <pgcp-flow-nat> | 1096 |
| <pgcp-flow-nat> | 1097 |
| <pgcp-flow-nat> | 1097 |
| <pgcp-flow-nat> | 1098 |
| <pgcp-flow-nat> | 1098 |
| <pgcp-per-service-set-conversation> | 1099 |
| <pgcp-per-service-set-conversation> | 1099 |
| <pgcp-per-service-set-flow-table> | 1099 |
| <pgcp-per-service-set-flow-table> | 1100 |
| <pgcpd-active-configuration> | 1100 |
| <pgcpd-config> | 1101 |
| <pool-address-range-list> | 1101 |
| <quality-of-service-entries> | 1101 |

| | |
|---|------|
| <quality-of-service-entry> | 1101 |
| <radius-accounting-server-information-entry> | 1102 |
| <radius-accounting-server-information-entry> | 1103 |
| <radius-accounting-server-information-entry> | 1103 |
| <radius-accounting-statistic-information-entry> | 1104 |
| <radius-accounting-statistic-information-entry> | 1105 |
| <radius-accounting-statistic-information-entry> | 1107 |
| <radius-authentication-server-information-entry> | 1108 |
| <radius-authentication-server-information-entry> | 1109 |
| <radius-authentication-server-information-entry> | 1109 |
| <radius-authentication-statistic-information-entry> | 1110 |
| <radius-authentication-statistic-information-entry> | 1111 |
| <radius-authentication-statistic-information-entry> | 1112 |
| <radius-profile-access-test-detail-result> | 1113 |
| <radius-profile-access-test-result> | 1114 |
| <radius-server-access-test-result> | 1115 |
| <restart-bsg-service-information> | 1116 |
| <restart-pgcp-service-information> | 1116 |
| <rule-entry> | 1116 |
| <rule-entry> | 1117 |
| <rule-ref-entry> | 1117 |
| <rule-ref-entry> | 1117 |
| <rule-ref-entry> | 1117 |
| <sequencer-entries> | 1118 |
| <sequencer-entry> | 1118 |
| <service-bsg-debug-method-invoker> | 1119 |
| <service-cos-statistics-entry> | 1119 |
| <service-cos-statistics-information> | 1119 |
| <service-crtf-extensive-information> | 1119 |
| <service-crtf-flow-table> | 1120 |
| <service-crtf-flow-table> | 1120 |
| <service-crtf-flow-table-information> | 1120 |
| <service-crtf-params-information> | 1120 |
| <service-current-software-count> | 1120 |
| <service-current-software-count-information> | 1121 |
| <service-flow-analysis-information> | 1121 |
| <service-identification-statistics> | 1121 |
| <service-identification-statistics> | 1124 |
| <service-identification-statistics-information> | 1126 |
| <service-ids-flow-table-information> | 1126 |
| <service-l2tp-destination-clear-information> | 1127 |
| <service-l2tp-destination-information> | 1127 |
| <service-l2tp-lac-summary-information> | 1127 |
| <service-l2tp-multilink-clear-information> | 1127 |
| <service-l2tp-session-clear-information> | 1127 |
| <service-l2tp-session-information> | 1128 |
| <service-l2tp-summary-information> | 1128 |
| <service-l2tp-tunnel-clear-information> | 1128 |
| <service-l2tp-tunnel-information> | 1128 |

| | |
|---|------|
| <service-l2tp-user-information> | 1128 |
| <service-msp-alg-conversation-information> | 1129 |
| <service-msp-alg-stats-information> | 1129 |
| <service-msp-flow-drain> | 1129 |
| <service-msp-flow-drain-information> | 1130 |
| <service-msp-sess-count> | 1130 |
| <service-msp-sess-count-information> | 1130 |
| <service-msp-sess-table-information> | 1130 |
| <service-nat-ipv6-multicast-interfaces> | 1131 |
| <service-nat-ipv6-multicast-interfaces> | 1131 |
| <service-nat-ipv6-multicast-interfaces-information> | 1131 |
| <service-nat-mapping-information> | 1132 |
| <service-nat-pool> | 1132 |
| <service-nat-pool-information> | 1133 |
| <service-nat-pool-map> | 1133 |
| <service-nat-statistics-information> | 1133 |
| <service-pgcp-conversation-information> | 1135 |
| <service-pgcp-debug-applicationq-latency> | 1135 |
| <service-pgcp-debug-applicationq-size> | 1136 |
| <service-pgcp-debug-commit-latency> | 1136 |
| <service-pgcp-debug-mem-mgmt-location> | 1136 |
| <service-pgcp-debug-mem-mgmt-memory-usage> | 1136 |
| <service-pgcp-debug-mem-mgmt-type> | 1136 |
| <service-pgcp-debug-profiling-applicationq-latency-information> | 1137 |
| <service-pgcp-debug-profiling-datastore-commit-latency-information> | 1137 |
| <service-pgcp-debug-profiling-resumeq-latency-information> | 1137 |
| <service-pgcp-debug-profiling-waitq-latency-information> | 1137 |
| <service-pgcp-debug-profiling-workq-latency-information> | 1137 |
| <service-pgcp-debug-resumeq-latency> | 1137 |
| <service-pgcp-debug-resumeq-size> | 1138 |
| <service-pgcp-debug-roundtrip> | 1138 |
| <service-pgcp-debug-waitq-latency> | 1138 |
| <service-pgcp-debug-waitq-size> | 1138 |
| <service-pgcp-debug-workq-latency> | 1139 |
| <service-pgcp-debug-workq-size> | 1139 |
| <service-pgcp-error-reply> | 1139 |
| <service-pgcp-flow-count> | 1139 |
| <service-pgcp-flow-count-information> | 1140 |
| <service-pgcp-flow-table> | 1140 |
| <service-pgcp-flow-table> | 1140 |
| <service-pgcp-flow-table> | 1140 |
| <service-pgcp-flow-table> | 1140 |
| <service-pgcp-flow-table> | 1141 |
| <service-pgcp-flow-table-information> | 1141 |
| <service-pgcp-gate-entry-information> | 1141 |
| <service-pgcp-gate-entry-information> | 1144 |
| <service-pgcp-gates> | 1146 |
| <service-pgcp-gates-count> | 1146 |
| <service-pgcp-gates-count> | 1147 |

| | |
|--|------|
| <service-pgcp-gates-drain-information> | 1147 |
| <service-pgcp-stat-h248-per-command> | 1147 |
| <service-pgcp-stat-h248-per-command> | 1148 |
| <service-pgcp-stat-h248-per-command-header> | 1148 |
| <service-pgcp-stat-h248-per-command-header> | 1148 |
| <service-pgcp-statistics-drain-information> | 1149 |
| <service-pgcp-statistics-gateway> | 1149 |
| <service-pgcp-statistics-h248> | 1149 |
| <service-pgcp-statistics-h248> | 1150 |
| <service-pgcp-termination-entry-information> | 1151 |
| <service-pgcp-termination-entry-information> | 1151 |
| <service-pgcp-termination-gates-information> | 1151 |
| <service-pgcp-termination-gates-information> | 1152 |
| <service-pgcp-terminations> | 1152 |
| <service-pgcp-terminations-count> | 1152 |
| <service-pgcp-terminations-count> | 1153 |
| <service-pic-entry> | 1153 |
| <service-pic-entry> | 1153 |
| <service-pic-entry> | 1154 |
| <service-rate-limit-entry> | 1154 |
| <service-rate-limit-entry> | 1154 |
| <service-rate-limit-entry> | 1155 |
| <service-rate-limit-information> | 1155 |
| <service-rate-limit-information> | 1155 |
| <service-rate-limit-information> | 1156 |
| <service-set-cpu-statistics> | 1156 |
| <service-set-cpu-statistics> | 1156 |
| <service-set-cpu-statistics-information> | 1157 |
| <service-set-entry> | 1157 |
| <service-set-entry> | 1157 |
| <service-set-memory-statistics> | 1157 |
| <service-set-memory-statistics> | 1158 |
| <service-set-memory-statistics-information> | 1158 |
| <service-set-packet-drop-statistics> | 1158 |
| <service-set-packet-drops> | 1158 |
| <service-set-packet-drops> | 1159 |
| <service-set-plugin-information> | 1159 |
| <service-set-plugin-information> | 1160 |
| <service-set-plugin-summary> | 1160 |
| <service-set-service-type-entry> | 1161 |
| <service-set-service-type-entry> | 1161 |
| <service-set-summary-information> | 1162 |
| <service-set-summary-information-entry> | 1162 |
| <service-set-tcp-mss> | 1162 |
| <service-set-tcp-mss> | 1163 |
| <service-set-tcp-mss-statistics> | 1163 |
| <service-sfw-conversation-information> | 1163 |
| <service-sfw-flow-count> | 1163 |
| <service-sfw-flow-count-information> | 1164 |

| | |
|--|------|
| <service-sfw-flow-drain> | 1164 |
| <service-sfw-flow-drain-information> | 1164 |
| <service-sfw-flow-table> | 1165 |
| <service-sfw-flow-table> | 1165 |
| <service-sfw-flow-table> | 1165 |
| <service-sfw-flow-table> | 1165 |
| <service-sfw-flow-table-information> | 1166 |
| <service-sfw-sip-call-count> | 1166 |
| <service-sfw-sip-call-count-information> | 1166 |
| <service-sfw-sip-call-drain> | 1166 |
| <service-sfw-sip-call-drain-information> | 1167 |
| <service-sfw-sip-call-information> | 1167 |
| <service-sfw-sip-registration-count> | 1167 |
| <service-sfw-sip-registration-count-information> | 1168 |
| <service-sfw-sip-registration-drain> | 1168 |
| <service-sfw-sip-registration-drain-information> | 1168 |
| <service-sfw-sip-registration-information> | 1168 |
| <service-sfw-statistics-entry> | 1169 |
| <service-sfw-statistics-information> | 1169 |
| <service-softwire-6rd-statistics-entry> | 1169 |
| <service-softwire-6rd-statistics-entry> | 1170 |
| <service-softwire-6rd-statistics-entry> | 1172 |
| <service-softwire-6rd-statistics-information> | 1173 |
| <service-softwire-count> | 1173 |
| <service-softwire-count-information> | 1174 |
| <service-softwire-dslite-statistics-entry> | 1174 |
| <service-softwire-dslite-statistics-entry> | 1175 |
| <service-softwire-dslite-statistics-entry> | 1177 |
| <service-softwire-dslite-statistics-information> | 1178 |
| <service-softwire-flow-table-information> | 1179 |
| <service-softwire-statistics-information> | 1179 |
| <service-softwire-table> | 1179 |
| <service-softwire-table> | 1179 |
| <service-softwire-table> | 1180 |
| <service-softwire-table-information> | 1180 |
| <services-l2tp-multilink-information> | 1180 |
| <services-l2tp-radius-accounting-servers-information> | 1180 |
| <services-l2tp-radius-accounting-statistics-information> | 1180 |
| <services-l2tp-radius-authentication-accounting-servers-information> .. | 1181 |
| <services-l2tp-radius-authentication-accounting-statistics-informa- tion> | 1181 |
| <services-l2tp-radius-authentication-servers-information> | 1181 |
| <services-l2tp-radius-authentication-statistics-information> | 1181 |
| <services-l2tp-radius-servers-information-table-header> | 1182 |
| <services-pgcp-dropped-traffic-entry> | 1182 |
| <services-pgcp-dropped-traffic-entry> | 1183 |
| <services-pgcpd-root-termination> | 1183 |
| <sfw-conversation> | 1183 |
| <sfw-conversation> | 1184 |

| | |
|---|------|
| <sfw-flow-entry> | 1184 |
| <sfw-flow-entry> | 1185 |
| <sfw-flow-entry> | 1186 |
| <sfw-flow-entry> | 1188 |
| <sfw-flow-entry> | 1189 |
| <sfw-flow-entry> | 1190 |
| <sfw-flow-entry> | 1191 |
| <sfw-flow-entry> | 1192 |
| <sfw-flow-entry> | 1193 |
| <sfw-flow-nat> | 1195 |
| <sfw-flow-nat> | 1195 |
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| <sfw-flow-nat> | 1197 |
| <sfw-flow-nat> | 1198 |
| <sfw-flow-nat> | 1199 |
| <sfw-flow-nat> | 1199 |
| <sfw-flow-nat> | 1200 |
| <sfw-flow-nat> | 1200 |
| <sfw-per-service-set-conversation> | 1201 |
| <sfw-per-service-set-conversation> | 1201 |
| <sfw-per-service-set-flow-table> | 1201 |
| <sfw-per-service-set-flow-table> | 1201 |
| <sfw-per-service-set-nat-mapping> | 1202 |
| <sfw-per-service-set-nat-pool> | 1202 |
| <sfw-per-service-set-sip-calls> | 1202 |
| <sfw-per-service-set-sip-calls> | 1203 |
| <sfw-per-service-set-sip-registrations> | 1203 |
| <sfw-per-service-set-sip-registrations> | 1203 |
| <sfw-sip-call-entry> | 1204 |
| <sfw-sip-call-entry> | 1205 |
| <sfw-sip-call-entry> | 1205 |
| <sfw-sip-calls> | 1206 |
| <sfw-sip-calls> | 1206 |
| <sfw-sip-contact-iflow-table> | 1207 |
| <sfw-sip-contact-iflow-table> | 1207 |
| <sfw-sip-contact-iflow-table> | 1207 |
| <sfw-sip-contact-rflow-table> | 1207 |
| <sfw-sip-contact-rflow-table> | 1208 |
| <sfw-sip-contact-rflow-table> | 1208 |
| <sfw-sip-control-iflow-table> | 1208 |
| <sfw-sip-control-iflow-table> | 1208 |
| <sfw-sip-control-iflow-table> | 1209 |
| <sfw-sip-control-rflow-table> | 1209 |
| <sfw-sip-control-rflow-table> | 1209 |
| <sfw-sip-control-rflow-table> | 1209 |
| <sfw-sip-media-iflow-table> | 1210 |

| | |
|---|------|
| <sfw-sip-media-iflow-table> | 1210 |
| <sfw-sip-media-iflow-table> | 1210 |
| <sfw-sip-media-rflow-table> | 1210 |
| <sfw-sip-media-rflow-table> | 1211 |
| <sfw-sip-media-rflow-table> | 1211 |
| <sfw-sip-register-entry> | 1211 |
| <sfw-sip-register-entry> | 1212 |
| <sfw-sip-register-entry> | 1213 |
| <sfw-sip-registers> | 1213 |
| <sfw-sip-registers> | 1214 |
| <sfw-stats-service-set-entry> | 1214 |
| <sfw-stats-service-set-entry> | 1215 |
| <sip-alg-counters> | 1215 |
| <sip-alg-counters> | 1216 |
| <softwire-entry> | 1216 |
| <softwire-entry> | 1216 |
| <softwire-entry> | 1217 |
| <softwire-entry> | 1218 |
| <softwire-per-service-set-flow-table> | 1218 |
| <softwire-per-service-set-flow-table> | 1218 |
| <softwire-per-service-set-flow-table> | 1219 |
| <syslog-stats-class> | 1219 |
| <syslog-stats-global> | 1220 |
| <syslog-stats-interface> | 1220 |
| <syslog-stats-service-set> | 1220 |
| <tcp-error-counters> | 1220 |
| <tcp-error-counters> | 1221 |
| <total-counters> | 1222 |
| <total-counters> | 1222 |
| <udp-error-counters> | 1223 |
| <udp-error-counters> | 1223 |
| <uri-redirect-set-statistics> | 1223 |
| <uri-redirect-set-statistics> | 1224 |
| <uri-redirect-set-statistics-information> | 1225 |
| <usage-counters-entry> | 1225 |
| <usage-counters-entry> | 1226 |
| <virtual-interface-entry> | 1226 |
| <virtual-interface-entry> | 1226 |
| Summary of Alarm Response Tags | 1227 |
| <alarm-detail> | 1227 |
| <alarm-detail> | 1227 |
| <alarm-id-information> | 1228 |
| <alarm-information> | 1228 |
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|--|------|
| Summary of ANCP Response Tags | 1230 |
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| <ancp-statistics-information> | 1239 |
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| <ancp-subscriber-information> | 1244 |
| Summary of APPIDD Response Tags | 1244 |
| <appid-application-system-cache> | 1244 |
| <appid-application-system-cache-information> | 1244 |
| <appid-application-system-cache-information-usp> | 1245 |
| <appid-application-system-cache-usp> | 1245 |
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| <appid-cache-configuration-usp> | 1246 |
| <appid-counter> | 1246 |
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| <appid-package-version> | 1248 |
| <apppack-download-status> | 1248 |
| Summary of APS Response Tags | 1248 |
| <aps-interface> | 1248 |
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| <aps-interface-information> | 1253 |
| Summary of ARP Response Tags | 1253 |
| <arp-table-entry> | 1253 |
| <arp-table-entry> | 1253 |
| <arp-table-entry-flags> | 1254 |
| <arp-table-entry-flags> | 1254 |
| <arp-table-entry-flags> | 1255 |
| <arp-table-information> | 1255 |
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| <clear-arp-table-results> | 1256 |

| | |
|--|------|
| Summary of Authentication Response Tags | 1256 |
| <aaa-module-accounting-statistics> | 1256 |
| <aaa-module-address-assignment-client-statistics> | 1257 |
| <aaa-module-address-assignment-pool-statistics> | 1257 |
| <aaa-module-authentication-statistics> | 1258 |
| <aaa-module-dynamic-requests-statistics> | 1258 |
| <aaa-module-re-authentication-statistics> | 1259 |
| <aaa-module-statistics> | 1259 |
| <aaa-module-subscriber-statistics> | 1260 |
| <aaa-subscriber-accounting-statistics> | 1261 |
| <aaa-subscriber-auth-statistics> | 1261 |
| <aaa-subscriber-reauth-statistics> | 1262 |
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| <aaa-subscriber-statistics> | 1262 |
| <aaa-subscriber-table> | 1263 |
| <aaa-subscriber-table-details> | 1264 |
| <aaa-subscriber-table-entry> | 1264 |
| <aaa-subscriber-table-entry-details> | 1264 |
| <aaa-subscriber-table-entry-service-details> | 1265 |
| <aaa-subscriber-table-entry-session-id-detail> | 1265 |
| <aaa-subscriber-table-logical-system-routing-instance-entries> | 1267 |
| <address-assignment-pool-entry> | 1267 |
| <address-assignment-pool-table> | 1268 |
| <address-assignment-pool-table-details> | 1268 |
| <auth-pending-entry> | 1268 |
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| <auth-statistics> | 1269 |
| <authd-memory-pool-information> | 1269 |
| <domain-map-statistics> | 1270 |
| <gx-plus-downstream-stats-data> | 1271 |
| <gx-plus-downstream-stats-data> | 1271 |
| <gx-plus-downstream-stats-table> | 1271 |
| <gx-plus-state-information> | 1272 |
| <gx-plus-statistics-data> | 1272 |
| <gx-plus-statistics-data> | 1272 |
| <gx-plus-statistics-information> | 1273 |
| <gx-plus-statistics-message> | 1273 |
| <gx-plus-statistics-table> | 1273 |
| <gx-plus-sync-event-de-stats-data> | 1274 |
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| <gx-plus-sync-event-de-stats-table> | 1274 |
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| <gx-plus-sync-state-information> | 1276 |

| | |
|---|------|
| <gx-plus-sync-state-message> | 1276 |
| <gx-plus-upstream-de-stats-data> | 1277 |
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| <gx-plus-upstream-de-stats-table> | 1277 |
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| <gx-plus-upstream-stats-table> | 1278 |
| <ldap-auth-statistics> | 1279 |
| <local-auth-statistics> | 1279 |
| <node-secret-file-table> | 1279 |
| <node-secret-file-table-entry> | 1279 |
| <radius-auth-statistics> | 1280 |
| <securid-auth-statistics> | 1280 |
| <total-statistics> | 1280 |
| Summary of Bidirectional Forwarding Direction Response Tags | 1281 |
| <bfd-client> | 1281 |
| <bfd-client> | 1282 |
| <bfd-replication> | 1282 |
| <bfd-replication-session-entry> | 1283 |
| <bfd-session> | 1283 |
| <bfd-session> | 1287 |
| <bfd-session-information> | 1290 |
| Summary of Clock Synchronization Response Tags | 1291 |
| <clock-synchronization> | 1291 |
| <clock-synchronization-cpld-information> | 1291 |
| <clock-synchronization-esmc-transmit> | 1291 |
| <clock-synchronization-esmc-transmit> | 1292 |
| <clock-synchronization-esmc-transmit-information> | 1292 |
| <clock-synchronization-fpga-information> | 1292 |
| <clock-synchronization-gencfg> | 1292 |
| <clock-synchronization-global-information> | 1293 |
| <clock-synchronization-interface-statistics> | 1294 |
| <clock-synchronization-ref-monitor> | 1294 |
| <clock-synchronization-source> | 1295 |
| <clock-synchronization-source> | 1296 |
| <clock-synchronization-statistics> | 1297 |
| <clock-synchronization-zarlink> | 1297 |
| Summary of Class-of-Service Response Tags | 1297 |
| <adaptive-shaper> | 1297 |
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| | |
|--|------|
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| <congestion-notification-map> | 1308 |
| <congestion-notification-map-item> | 1309 |
| <cos-adaptive-shaper-information> | 1309 |
| <cos-classifier-information> | 1309 |
| <cos-classifier-information> | 1309 |
| <cos-classifier-table-information> | 1310 |
| <cos-classifier-table-information> | 1310 |
| <cos-classifier-table-map-information> | 1310 |
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| <cos-code-point-map-information> | 1310 |
| <cos-code-point-map-information> | 1311 |
| <cos-congestion-notification> | 1311 |
| <cos-congestion-notification-information> | 1311 |
| <cos-drop-profile-information> | 1311 |
| <cos-drop-profile-information> | 1311 |
| <cos-fabric-scheduler-map-information> | 1312 |
| <cos-fabric-scheduler-map-table-information> | 1312 |
| <cos-forwarding-class-information> | 1312 |
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| <cos-forwarding-class-map-information> | 1312 |
| <cos-forwarding-class-map-information> | 1313 |
| <cos-forwarding-class-map-interface-table-information> | 1313 |
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| <cos-forwarding-class-set-information> | 1313 |
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| <cos-fragmentation-map-information> | 1314 |
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| <cos-interface-set-information> | 1315 |

| | |
|---|------|
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| <cos-loss-priority-map-table-binding-information> | 1315 |
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| <cos-routing-instance-information> | 1319 |
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| <cos-scheduler-map-table-information> | 1319 |
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| <cos-shaper-table-map-information> | 1319 |
| <cos-shaper-table-map-information> | 1319 |
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| <cos-translation-table-information> | 1320 |
| <cos-translation-table-map-information> | 1320 |
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| <cos-translation-table-mapping-information> | 1321 |
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| | |
|---|------|
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| | |
|--|------|
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| <traffic-control-profile-instance> | 1391 |
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| <translation-table-mapping> | 1398 |
| <trigger-item> | 1398 |
| <trigger-item> | 1398 |
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| <virtual-channel> | 1401 |

| | |
|---|------|
| <virtual-channel> | 1401 |
| <virtual-channel-group> | 1401 |
| <virtual-channel-group> | 1401 |
| Summary of Database Replication Response Tags | 1402 |
| <database-replication-statistics-information> | 1402 |
| <database-replication-summary-information> | 1402 |
| Summary of Dynamic Flow Capture Response Tags | 1403 |
| <content-destination-information> | 1403 |
| <control-source-information> | 1404 |
| <dfc-information> | 1406 |
| <dfc-statistics-information> | 1406 |
| Summary of DHCP Relay Response Tags | 1408 |
| <binding-summary> | 1408 |
| <dhcp-binding> | 1409 |
| <dhcp-relay-binding-information> | 1411 |
| <dhcp-relay-statistics-information> | 1412 |
| <message> | 1413 |
| <message-table> | 1413 |
| Summary of DHCP Server Response Tags | 1414 |
| <binding-summary> | 1414 |
| <dhcp-binding> | 1414 |
| <dhcp-server-binding-information> | 1417 |
| <dhcp-server-statistics-information> | 1417 |
| <dhcpv6-binding> | 1418 |
| <dhcpv6-binding-summary> | 1420 |
| <dhcpv6-message> | 1421 |
| <dhcpv6-message-table> | 1421 |
| <dhcpv6-server-binding-information> | 1421 |
| <dhcpv6-server-statistics-information> | 1422 |
| <message> | 1422 |
| <message-table> | 1423 |
| Summary of Dialer Response Tags | 1423 |
| <dial-string-list> | 1423 |
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| <dialer-defaults-information> | 1424 |
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| | |
|---|------|
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| Summary of Dynamic Configuration Response Tags | 1435 |
| <client-session-info> | 1435 |
| <connection> | 1437 |
| <consumer-message-counters> | 1438 |
| <dynamic-configuration-attribute> | 1438 |
| <dynamic-configuration-attribute> | 1438 |
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| <dynamic-configuration-information> | 1440 |
| <performance-counters> | 1440 |
| <producer-message-counters> | 1441 |
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| <service-session-info> | 1444 |
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| <tracelog-data-performance> | 1446 |
| <tracelog-entry> | 1446 |
| <tracelog-entry-performance> | 1447 |
| <tracelog-information> | 1448 |
| <tracelog-status-info> | 1448 |
| <user> | 1449 |
| Summary of Ethernet Delay Measurement Response Tags | 1449 |
| <cfm-ethdm-error-snapshot> | 1449 |
| <cfm-ethdm-error-snapshot> | 1449 |

| | |
|---|------|
| <cfm-ethdm-request-snapshot> | 1450 |
| <cfm-ethdm-request-snapshot> | 1450 |
| <cfm-oneway-ethdm-reply-summary> | 1451 |
| <cfm-oneway-ethdm-reply-summary> | 1451 |
| <cfm-twoway-ethdm-reply-entry> | 1451 |
| <cfm-twoway-ethdm-reply-entry> | 1452 |
| <cfm-twoway-ethdm-reply-summary> | 1452 |
| <cfm-twoway-ethdm-reply-summary> | 1453 |
| <ethdm-results> | 1453 |
| Summary of Ethernet Link Management Response Tags | 1454 |
| <cfm-ethlm-cir-reply-entry> | 1454 |
| <cfm-ethlm-cir-reply-entry> | 1454 |
| <cfm-ethlm-cir-reply-summary> | 1455 |
| <cfm-ethlm-cir-reply-summary> | 1455 |
| <cfm-ethlm-eir-reply-entry> | 1456 |
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| <cfm-ethlm-eir-reply-summary> | 1457 |
| <cfm-ethlm-eir-reply-summary> | 1458 |
| <cfm-ethlm-error-reply-entry> | 1459 |
| <cfm-ethlm-error-reply-entry> | 1459 |
| <cfm-ethlm-error-snapshot> | 1460 |
| <cfm-ethlm-error-snapshot> | 1460 |
| <cfm-ethlm-request-snapshot> | 1460 |
| <cfm-ethlm-request-snapshot> | 1461 |
| <ethlm-cir-eir-results> | 1461 |
| Summary of ETH Ping Response Tags | 1462 |
| <cfm-loopback-error-snapshot> | 1462 |
| <cfm-loopback-error-snapshot> | 1462 |
| <cfm-loopback-reply-entry> | 1462 |
| <cfm-loopback-reply-entry> | 1462 |
| <cfm-loopback-reply-summary> | 1463 |
| <cfm-loopback-reply-summary> | 1463 |
| <cfm-loopback-request-snapshot> | 1463 |
| <cfm-loopback-request-snapshot> | 1464 |
| <ethping-results> | 1465 |
| Summary of Ethernet Traceroute Response Tags | 1465 |
| <cfm-linktrace-error-snapshot> | 1465 |
| <cfm-linktrace-error-snapshot> | 1465 |
| <cfm-linktrace-reply-entry> | 1465 |
| <cfm-linktrace-reply-entry> | 1466 |
| <cfm-linktrace-request-snapshot> | 1466 |
| <cfm-linktrace-request-snapshot> | 1467 |
| <ethtraceroute-results> | 1467 |
| Summary of Firewall Filter Response Tags | 1468 |
| <counter> | 1468 |
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| <counter> | 1468 |
| <counter> | 1469 |
| <filter-information> | 1469 |

| | |
|---|------|
| <filter-information> | 1469 |
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| <firewall-db-object-counts> | 1471 |
| <firewall-db-object-counts> | 1471 |
| <firewall-db-object-information> | 1471 |
| <firewall-debug-information> | 1472 |
| <firewall-emalloc-information> | 1472 |
| <firewall-emalloc-stats> | 1472 |
| <firewall-emalloc-stats> | 1472 |
| <firewall-information> | 1473 |
| <firewall-log-information> | 1473 |
| <firewall-prefix-action-information> | 1473 |
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| <policer> | 1475 |
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| <policer> | 1475 |
| <policer> | 1476 |
| Summary of J20 Gateway GPRS Support Response Tags | 1476 |
| <apn-pdp-context-deletion-results> | 1476 |
| <apn-statistics> | 1476 |
| <apn-statistics-information> | 1477 |
| <authorization-discard-information> | 1477 |
| <authorization-discard-information> | 1478 |
| <authorization-discard-information> | 1478 |
| <authorization-discard-information> | 1478 |
| <authorization-discard-information> | 1479 |
| <authorization-discard-statistics> | 1479 |
| <authorization-discard-statistics> | 1479 |
| <authorization-discard-statistics> | 1480 |
| <authorization-discard-statistics> | 1480 |
| <authorization-discard-statistics> | 1480 |
| <authorization-discard-statistics> | 1481 |
| <billing-gateway> | 1481 |
| <call-trace> | 1482 |
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| <call-trace-information> | 1482 |
| <ccas-information> | 1483 |
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| | |
|--|------|
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| <data-record-transfer-statistics> | 1496 |
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| <downlink> | 1500 |
| <echo-request-statistics> | 1500 |
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| <echo-request-statistics> | 1501 |
| <ggsn-interface> | 1502 |
| <ggsn-interface> | 1502 |
| <ggsn-interface-information> | 1503 |
| <ggsn-pdp-per-user-category> | 1503 |
| <ggsn-pdp-per-user-category> | 1503 |
| <ggsn-statistics> | 1504 |
| <gtp-error-statistics> | 1505 |
| <gtp-error-statistics> | 1507 |
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| <gtp-error-statistics> | 1512 |
| <gtp-prime-error-statistics> | 1514 |
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| <gtp-prime-statistics-information> | 1515 |
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| <gtp-statistics-information> | 1516 |
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| <incoming> | 1516 |
| <inspection-information> | 1517 |

| | |
|--|------|
| <interface-action-results> | 1517 |
| <interface-pdp-context-deletion> | 1517 |
| <interface-pdp-context-deletion-information> | 1518 |
| <interface-pdp-context-statistics> | 1518 |
| <interface-pdp-context-statistics> | 1518 |
| <interface-pdp-context-statistics-information> | 1519 |
| <l2tp-tunnel-packet-statistics> | 1519 |
| <l2tp-tunnel-packet-statistics> | 1519 |
| <l2tp-tunnel-statistics> | 1520 |
| <l2tp-tunnel-statistics-information> | 1520 |
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| <logical-apn-statistics-information> | 1521 |
| <mobile-user> | 1521 |
| <mobile-user> | 1522 |
| <mobile-user-information> | 1522 |
| <node-action-results> | 1522 |
| <node-alive-request-statistics> | 1522 |
| <node-alive-request-statistics> | 1523 |
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| <outgoing> | 1524 |
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| <pdp-context> | 1530 |
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| <pdp-context-deletion-results> | 1531 |
| <pdp-context-information> | 1532 |
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| <pdp-context-statistics> | 1532 |
| <pdp-context-statistics> | 1536 |
| <pdp-context-statistics> | 1541 |
| <pdp-context-statistics> | 1545 |
| <pdp-context-statistics> | 1549 |
| <pdp-context-statistics> | 1553 |
| <pdp-diagnostics-per-apn> | 1557 |
| <pdp-request-statistics> | 1558 |
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| | |
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| <quality-of-service> | 1565 |
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| <redirection-request-statistics> | 1572 |
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| <sbcc-statistics-information> | 1582 |
| <sbcc-statistics-information> | 1584 |
| <service-based-charging-for-gx> | 1587 |
| <service-based-charging-for-gx> | 1587 |
| <service-class-information> | 1587 |
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| <service-class-statistics> | 1589 |

| | |
|--|------|
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| <service-id-statistics> | 1592 |
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| <sgsn-statistics> | 1594 |
| <sgsn-statistics-information> | 1594 |
| <signalling> | 1594 |
| <signalling> | 1594 |
| <software-action-results> | 1595 |
| <tft-statistics> | 1595 |
| <tft-statistics> | 1595 |
| <traffic-flow-template> | 1596 |
| <traffic-flow-template> | 1596 |
| <traffic-flow-template> | 1596 |
| <traffic-flow-template-information> | 1597 |
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| <uplink> | 1597 |
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| <user-category-line> | 1600 |
| <user-category-line> | 1600 |
| <version-unsupported-statistics> | 1601 |
| <version-unsupported-statistics> | 1601 |
| <version-unsupported-statistics> | 1601 |
| <weighted-pdp-context-load> | 1602 |
| Summary of GRES Test Point Response Tags | 1602 |
| <actions> | 1602 |
| <actions> | 1603 |
| <actions> | 1603 |
| <gres-test-point-error> | 1604 |
| <gres-test-point-error> | 1604 |
| <gres-test-point-information> | 1604 |
| <gres-test-point-list> | 1604 |
| <gres-test-point-list> | 1605 |
| <test-point> | 1605 |
| <test-point> | 1605 |
| <test-point> | 1606 |

| | |
|--|------|
| Summary of UDP Forwarding Helper Response Tags | 1606 |
| <helper-statistics-information> | 1606 |
| <helper-statistics-service-information> | 1606 |
| Summary of ICCP Response Tags | 1607 |
| <iccp-client> | 1607 |
| <iccp-information> | 1608 |
| <iccp-peer> | 1608 |
| <peer-conn-state> | 1608 |
| <peer-conn-state> | 1608 |
| <peer-conn-state-information> | 1609 |
| <rg-group-entry> | 1609 |
| <rg-group-entry> | 1609 |
| <rg-groups> | 1610 |
| Summary of IDP Response Tags | 1610 |
| <clear-idp-ssl-session-cache-information> | 1610 |
| <get-idp-addos-application-information> | 1610 |
| <get-idp-ssl-session-cache-information> | 1610 |
| <idp-addos-application> | 1611 |
| <idp-anomaly> | 1611 |
| <idp-anomaly-list> | 1612 |
| <idp-application-statistics> | 1612 |
| <idp-application-statistics-information> | 1612 |
| <idp-application-system-cache-information> | 1612 |
| <idp-application-system-cache-pic> | 1612 |
| <idp-application-system-cache-statistics> | 1613 |
| <idp-attack-groups> | 1613 |
| <idp-attack-information> | 1614 |
| <idp-attack-statistics> | 1614 |
| <idp-attacks-list> | 1614 |
| <idp-cache-aggregate-statistics> | 1614 |
| <idp-cache-rule> | 1615 |
| <idp-cache-rule-statistics> | 1615 |
| <idp-cache-service> | 1616 |
| <idp-cache-service-memory-statistics> | 1616 |
| <idp-cache-statistics> | 1616 |
| <idp-context-list> | 1616 |
| <idp-contexts> | 1617 |
| <idp-counter-information> | 1617 |
| <idp-counter-statistics> | 1617 |
| <idp-detail-status-information> | 1617 |
| <idp-icmp-flow-count> | 1618 |
| <idp-kbits-per-second-information> | 1618 |
| <idp-kbits-spu-per-second-information> | 1618 |
| <idp-latency> | 1619 |
| <idp-memory-information> | 1619 |
| <idp-memory-per-spu-information> | 1619 |
| <idp-mode> | 1620 |
| <idp-other-flow-count> | 1620 |
| <idp-packet-count> | 1621 |

| | |
|---|------|
| <idp-packets-per-second-information> | 1621 |
| <idp-packets-spu-per-second-information> | 1621 |
| <idp-policy> | 1622 |
| <idp-policy-commit-status> | 1622 |
| <idp-policy-list-entry> | 1622 |
| <idp-predefined-attack-groups> | 1623 |
| <idp-predefined-attacks> | 1623 |
| <idp-protocol-list> | 1623 |
| <idp-protocols> | 1623 |
| <idp-qmodule> | 1624 |
| <idp-qmodule-information> | 1624 |
| <idp-recent-security-package-information> | 1624 |
| <idp-rule-information> | 1625 |
| <idp-rule-information> | 1625 |
| <idp-rulebase> | 1625 |
| <idp-rulebase-type> | 1625 |
| <idp-rulebase-type> | 1626 |
| <idp-rulebase-type> | 1626 |
| <idp-security-package-information> | 1626 |
| <idp-session> | 1627 |
| <idp-session-count> | 1627 |
| <idp-session-information> | 1628 |
| <idp-session-summary-information> | 1628 |
| <idp-session-summary-per-pic-information> | 1628 |
| <idp-spu-icmp-flow-count> | 1629 |
| <idp-spu-latency> | 1629 |
| <idp-spu-other-flow-count> | 1629 |
| <idp-spu-packet-count> | 1630 |
| <idp-spu-session-count> | 1630 |
| <idp-spu-ssl-session-information> | 1631 |
| <idp-spu-tcp-flow-count> | 1631 |
| <idp-spu-udp-flow-count> | 1632 |
| <idp-spu-uptime> | 1632 |
| <idp-ssl-key-information> | 1632 |
| <idp-ssl-per-key-information> | 1633 |
| <idp-ssl-session-cache-entry> | 1633 |
| <idp-ssl-session-information> | 1633 |
| <idp-status-detail-per-spu-information> | 1634 |
| <idp-status-information> | 1634 |
| <idp-subscriber-policy-list> | 1634 |
| <idp-subscriber-policy-per-pic-information> | 1635 |
| <idp-tcp-flow-count> | 1635 |
| <idp-udp-flow-count> | 1635 |
| <idp-uptime> | 1636 |
| <idp-version-information> | 1636 |
| <policy-load-templates> | 1636 |
| <request-idp-policy-load> | 1637 |
| <request-idp-ssl-key-add> | 1637 |
| <request-idp-ssl-key-delete> | 1637 |

| | |
|---|------|
| <secpack-download-policy-template-file> | 1637 |
| <secpack-download-policy-template-result> | 1638 |
| <secpack-download-status> | 1638 |
| <secpack-update-policy-template-result> | 1638 |
| <secpack-update-status> | 1638 |
| Summary of Interface Metadata Response Tags | 1639 |
| <channels> | 1639 |
| <channels> | 1639 |
| <interface> | 1639 |
| <interface> | 1640 |
| <interface-metadata-information> | 1640 |
| Summary of Interface Response Tags | 1641 |
| <active-alarms> | 1641 |
| <active-alarms> | 1641 |
| <active-alarms> | 1641 |
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| <active-alarms> | 1642 |
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| <active-alarms-otn> | 1644 |
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| <address-family-flags> | 1659 |
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| | |
|-----------------------------------|------|
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| <atm-cos-queue-parameters> | 1700 |

| | |
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| <atm-cos-queue-statistics> | 1714 |
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| | |
|-------------------------------|------|
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| Summary of IPv6 Neighbor Discovery Response Tags | 3271 |
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| Summary of Junos Diameter Function Response Tags | 3273 |
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| <jdiameterd-node-summary> | 3297 |
| <jdiameterd-node-summary> | 3298 |
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| <jdiameterd-route-list> | 3331 |
| Summary of JNX Example Response Tags | 3331 |
| <jnx-example-data> | 3331 |
| <jnx-example-data-information> | 3332 |

| | |
|---|------|
| <jnx-example-statistics> | 3332 |
| Summary of Layer 2 Address Learning Response Tags | 3332 |
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|--|------|
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| <l2ald-bridge-domain-flood-event-list> | 3365 |
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| <l2ald-bridge-domain-flood-instance-information> | 3366 |
| <l2ald-bridge-domain-flood-instance-information> | 3366 |
| <l2ald-bridge-domain-flood-instance-information> | 3366 |
| <l2ald-bridge-domain-flood-next-event> | 3367 |
| <l2ald-bridge-domain-flood-next-event> | 3367 |
| <l2ald-bridge-domain-flood-route-information> | 3367 |
| <l2ald-bridge-domain-lr-information> | 3367 |
| <l2ald-bridge-domain-lr-information> | 3368 |
| <l2ald-bridge-instance-group> | 3368 |
| <l2ald-bridge-instance-group> | 3369 |
| <l2ald-bridge-instance-information> | 3370 |
| <l2ald-config-pbbn> | 3370 |
| <l2ald-global-configuration> | 3370 |
| <l2ald-global-macdb> | 3371 |
| <l2ald-global-macdb-count> | 3372 |
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| <l2ald-ifd-preconfig-entry> | 3373 |
| <l2ald-interface-mac-count> | 3373 |
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| <l2ald-mac-destination-address-statistics> | 3373 |
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|--|------|
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| <l2ald-mac-source-address-statistics> | 3380 |
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| <l2ald-mc-ae-arp-entry> | 3382 |
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| <l2ald-mc-ae-mh-remote-mac-entry> | 3383 |
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| <l2ald-mc-ae-rg-entry> | 3384 |
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| <l2ald-mc-ae-sh-remote-mac-entry> | 3385 |
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| <l2ald-mvrp-information> | 3386 |
| <l2ald-pbbn> | 3387 |
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| <l2ald-pbn-entry> | 3390 |
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| <l2ald-perf-counters> | 3392 |
| <l2ald-rbeb-entry> | 3393 |
| <l2ald-rbeb-entry> | 3393 |
| <l2ald-rbeb-information> | 3394 |
| <l2ald-rg-information> | 3394 |
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| <l2ald-rtb-if-mac-count> | 3398 |
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| <l2ald-rtb-if-mac-count-entry> | 3398 |
| <l2ald-rtb-if-mac-count-entry> | 3399 |
| <l2ald-rtb-learn-vlan-mac-count> | 3399 |
| <l2ald-rtb-learn-vlan-mac-count> | 3399 |
| <l2ald-rtb-learn-vlan-mac-count-entry> | 3400 |
| <l2ald-rtb-learn-vlan-mac-count-entry> | 3400 |
| <l2ald-rtb-mac-count> | 3400 |
| <l2ald-rtb-mac-count-entry> | 3400 |
| <l2ald-rtb-mac-learn-count> | 3401 |
| <l2ald-rtb-macdb> | 3401 |
| <l2ald-vpls-flood-event-info> | 3401 |
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| | |
|--|------|
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| <l2ald-vpls-flood-event-list> | 3404 |
| <l2ald-vpls-flood-event-list> | 3404 |
| <l2ald-vpls-flood-event-queue> | 3404 |
| <l2ald-vpls-flood-instance> | 3404 |
| <l2ald-vpls-flood-instance-information> | 3404 |
| <l2ald-vpls-flood-instance-information> | 3405 |
| <l2ald-vpls-flood-instance-information> | 3405 |
| <l2ald-vpls-flood-next-event> | 3406 |
| <l2ald-vpls-flood-next-event> | 3406 |
| <l2ald-vpls-flood-route-information> | 3406 |
| <l2ald-vpls-lr-information> | 3406 |
| <l2ald-vpls-lr-information> | 3407 |
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| <logical-system-info> | 3408 |
| <logical-system-info> | 3408 |
| Summary of LACP Response Response Tags | 3408 |
| <lacp-interface-information> | 3408 |
| <lacp-interface-information-list> | 3408 |
| <lacp-interface-statistics> | 3409 |
| <lacp-interface-statistics-list> | 3409 |
| <lag-lacp-header> | 3409 |
| <lag-lacp-header> | 3409 |
| <lag-lacp-header> | 3410 |
| <lag-lacp-info> | 3410 |
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| <lag-lacp-protocol> | 3411 |
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| <lag-lacp-state> | 3412 |
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| <lag-lacp-statistics> | 3413 |
| <lag-lacp-statistics> | 3414 |
| <mc-ae-clink> | 3414 |
| <mc-ae-clink> | 3415 |
| <mc-ae-ifl-list> | 3415 |
| <mc-ae-ifl-list> | 3416 |
| <mc-ae-status> | 3416 |
| <mc-ae-status> | 3417 |
| <mc-ae-status-information> | 3417 |
| <mc-ae-status-information-list> | 3418 |
| <mc-ae-stitching-peer> | 3418 |
| <mc-ae-stitching-peer> | 3418 |
| Summary of Link Fault Management Response Tags | 3418 |
| <lfmd-action-profile-information> | 3418 |
| <lfmd-discovery-flags> | 3419 |

| | |
|---|------|
| <lfmd-event-current-frame-error> | 3419 |
| <lfmd-event-current-symbol-error> | 3420 |
| <lfmd-event-received-frame-error> | 3420 |
| <lfmd-event-received-frame-period-error> | 3421 |
| <lfmd-event-received-frame-seconds-error> | 3422 |
| <lfmd-event-received-symbol-error> | 3422 |
| <lfmd-event-transmitted-frame-error> | 3423 |
| <lfmd-event-transmitted-symbol-error> | 3423 |
| <lfmd-events> | 3424 |
| <lfmd-events-current> | 3424 |
| <lfmd-events-received> | 3425 |
| <lfmd-events-transmitted> | 3425 |
| <lfmd-information> | 3425 |
| <lfmd-interface-information> | 3426 |
| <lfmd-statistics> | 3427 |
| <lfmd-statistics-received> | 3427 |
| <lfmd-statistics-transmitted> | 3428 |
| Summary of License Response Tags | 3428 |
| <add-individual-result> | 3428 |
| <add-license-results> | 3429 |
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| <feature-summary> | 3432 |
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| <license> | 3434 |
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| <license-information> | 3435 |
| <license-information> | 3436 |
| <license-key> | 3436 |
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| <license-key-information> | 3437 |
| <license-summary-information> | 3437 |
| <license-usage-summary> | 3437 |
| <license-usage-summary> | 3437 |
| <original-validity> | 3438 |
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| | |
|--|------|
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| Summary of Licensed Feature Metadata Response Tags | 3446 |
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| <licensed-feature> | 3447 |
| <licensed-feature> | 3447 |
| <licensed-feature-metadata-information> | 3447 |
| Summary of MIP Response Tags | 3448 |
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| <addr-pool> | 3448 |
| <address-list> | 3449 |
| <mip-binding> | 3449 |
| <mip-binding-information> | 3450 |
| <mip-error> | 3450 |
| <mip-fa> | 3450 |
| <mip-fa-information> | 3451 |
| <mip-home-agent-interface-network> | 3451 |
| <mip-home-agent-interface-network-information> | 3452 |
| <mip-home-agent-overview> | 3452 |
| <mip-home-agent-overview-information> | 3453 |
| <mip-home-agent-traffic> | 3453 |
| <mip-home-agent-traffic-information> | 3454 |
| <mip-home-agent-virtual-network> | 3454 |
| <mip-home-agent-virtual-network-information> | 3455 |
| <mip-memory> | 3455 |
| <mip-memory-information> | 3455 |
| <mip-statistics-information> | 3455 |
| <mip-traffic> | 3456 |
| <mip-traffic-information> | 3457 |
| <mip-tunnel> | 3457 |
| <mip-tunnel-information> | 3458 |
| <mip-violation> | 3458 |
| <mip-violation-information> | 3458 |
| <mip-visitor> | 3459 |
| <mip-visitor-information> | 3459 |
| <mip-wimax-release> | 3460 |

| | |
|--|------|
| <mip-wimax-release-information> | 3460 |
| <service-enabled-on> | 3460 |
| Summary of MPLS OAM Response Tags | 3460 |
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| <instance> | 3461 |
| <last-trace-time> | 3461 |
| <multipath-information> | 3461 |
| <next-scheduled-trace> | 3462 |
| <options> | 3462 |
| <probe-options> | 3462 |
| <scan-status> | 3463 |
| <test> | 3463 |
| <tracelsp> | 3463 |
| <tracelsp-label> | 3463 |
| <tracelsp-node> | 3464 |
| Summary of Multiservices PIC Daemon Response Tags | 3465 |
| <mspinfo-raw-output> | 3465 |
| Summary of OAM Response Tags | 3465 |
| <oam-information> | 3465 |
| <oam-interface-information> | 3465 |
| <oam-statistics> | 3466 |
| <oam-status> | 3466 |
| Summary of Packet Triggered Subscribers Response Tags | 3466 |
| <clear-session-result> | 3466 |
| <flows> | 3467 |
| <packet-triggered-subscribers-information> | 3467 |
| <pic-status> | 3468 |
| <process-status> | 3469 |
| <service-policy> | 3472 |
| <service-session> | 3473 |
| <session-statistics> | 3473 |
| <subscriber-bandwidth> | 3473 |
| <subscriber-flows> | 3474 |
| <subscriber-policy> | 3474 |
| <subscriber-session> | 3475 |
| <subscriber-session-summary> | 3475 |
| <term> | 3476 |
| Summary of Passive Monitoring Interfaces Response Tags | 3477 |
| <error-information> | 3477 |
| <flow-information> | 3478 |
| <memory-information> | 3478 |
| <passive-monitoring-information> | 3479 |
| <status-information> | 3479 |
| <usage-information> | 3480 |
| Summary of PGM Response Tags | 3481 |
| <errors> | 3481 |
| <nak> | 3482 |
| <ncf> | 3482 |

| | |
|---|------|
| <nullnak> | 3483 |
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| <packet-counters> | 3483 |
| <pgm-nak-interface> | 3484 |
| <pgm-spm-information> | 3484 |
| <pgm-spm-nak> | 3484 |
| <pgm-spm-tsi> | 3485 |
| <pgm-statistics-information> | 3485 |
| <poll> | 3485 |
| <polr> | 3486 |
| <rdata> | 3486 |
| <spm> | 3486 |
| <spmr> | 3487 |
| Summary of PKI Response Tags | 3487 |
| <alternate-subject-list> | 3487 |
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| <auto-re-enrollment> | 3490 |
| <ca-certificate-enroll> | 3490 |
| <ca-certificate-enroll> | 3490 |
| <ca-certificate-enroll-list> | 3490 |
| <cert-ca-load-status> | 3491 |
| <cert-ca-manual-load> | 3491 |
| <cert-flag-info> | 3491 |
| <cert-flag-info> | 3491 |
| <cert-flag-info> | 3492 |
| <cert-key-pair> | 3492 |
| <cert-load-status> | 3492 |
| <cert-request-dump> | 3493 |
| <cert-request-dump-file> | 3493 |
| <crl-issuer-alternate-subject-list> | 3493 |
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| <crl-issuer-alternate-subject-list> | 3494 |
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| <crl-issuer-alternate-subject-list> | 3494 |
| <crl-issuer-detail> | 3494 |
| <crl-issuer-detail> | 3495 |
| <crl-load-status> | 3495 |
| <crl-revocation-list> | 3495 |
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| | |
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| | |
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| <pki-scep> | 3514 |
| <pki-status> | 3515 |
| <pkid-status-messages> | 3515 |
| <pkid-x509-certificate-information> | 3515 |
| <pkid-x509-certificate-request-information> | 3516 |
| <pkid-x509-crl-information> | 3516 |
| <pkid-x509-crl-information> | 3517 |
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| <verify-cert-status> | 3527 |
| <x509-certificate-cache-info> | 3527 |
| <x509-certificate-cache-info> | 3528 |
| <x509-certificate-cache-info-list> | 3528 |
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| <x509-certificate-info> | 3529 |
| <x509-crl-information> | 3530 |
| <x509-crl-information> | 3530 |
| <x509-pki-certificate-info-list> | 3531 |

| | |
|---|------|
| <x509-pki-crl-information-list> | 3531 |
| <x509-pkid-crl-information-list> | 3531 |
| Summary of Periodic Packet Management Response Tags | 3532 |
| <adjacency-data> | 3532 |
| <connection-data> | 3533 |
| <interface-data> | 3534 |
| <object-data> | 3534 |
| <ppm-adjacencies> | 3534 |
| <ppm-connections> | 3535 |
| <ppm-interfaces> | 3535 |
| <ppm-objects> | 3535 |
| <ppm-transmissions> | 3536 |
| <ppmd-rules> | 3536 |
| <redirection-data> | 3536 |
| <rule-data> | 3537 |
| <transmission-data> | 3537 |
| Summary of PPP Response Tags | 3538 |
| <assigned-address-list> | 3538 |
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| <ipv6cp-interface-identifier> | 3540 |
| <ipv6cp-interface-identifier> | 3540 |
| <ipv6cp-interface-identifier> | 3541 |
| <ipv6cp-interface-identifier> | 3541 |
| <ipv6cp-interface-identifier> | 3542 |
| <lcp-authentication-protocol> | 3542 |
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| <lcp-endpoint-discriminator> | 3544 |
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| <lcp-multilink-header> | 3546 |
| <lcp-multilink-header> | 3547 |
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| <lcp-multilink-header> | 3548 |
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| <pool-address-list> | 3549 |
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| <ppp-address-pool-information> | 3550 |
| <ppp-auth-protocol-information> | 3550 |

| | |
|---|------|
| <ppp-auth-protocol-information> | 3551 |
| <ppp-auth-protocol-information> | 3551 |
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| <ppp-destination-profile> | 3553 |
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| <ppp-destination-profile> | 3554 |
| <ppp-interface-information> | 3554 |
| <ppp-memory-statistics> | 3554 |
| <ppp-memory-tag> | 3555 |
| <ppp-negotiated-options> | 3555 |
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| Summary of PPP over Ethernet Response Tags | 3572 |
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| Summary of Probe Tests Response Tags | 3587 |
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| Summary of System Process Response Tags | 3633 |
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| Summary of Product Metadata Response Tags | 3657 |
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| <product-metadata-information> | 3659 |
| Summary of R2CPD Response Tags | 3659 |
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| Summary of Redundant Interfaces Response Tags | 3670 |
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| Summary of Relay Response Tags | 3673 |
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| <relay-group-information> | 3673 |
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| <relay-member> | 3674 |
| <relay-member-information> | 3674 |
| Summary of Resource Cleanup Response Tags | 3675 |
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| <system-resource-cleanup-resources-information> | 3677 |
| Summary of Routing Protocols Response Tags | 3677 |
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| <ipv6-ra-advertisement> | 4202 |
| <ipv6-ra-advertisement> | 4203 |
| <ipv6-ra-information> | 4204 |
| <ipv6-ra-interface> | 4204 |
| <ipv6-ra-interface> | 4204 |
| <ipv6-ra-prefix> | 4205 |
| <ipv6-ra-prefix> | 4206 |
| <ipv6-reachability-tlv> | 4206 |
| <ipv6-reachability-tlv> | 4207 |
| <ipv6-reachability-tlv> | 4208 |
| <ipv6-reachability-tlv> | 4208 |
| <ipv6address-tlv> | 4209 |
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| <ipv6address-tlv> | 4209 |
| <ipv6address-tlv> | 4210 |
| <ir-tunnel> | 4210 |
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| <ir-tunnel-entry> | 4210 |
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| <ir-tunnel-entry> | 4211 |
| <ir-unicast-tunnel> | 4211 |
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| <ir-unicast-tunnel-entry> | 4213 |

| | |
|--|------|
| <ir-unicast-tunnel-entry> | 4214 |
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| <ir-unicast-tunnel-entry> | 4215 |
| <is-reachability> | 4215 |
| <is-reachability> | 4216 |
| <isis-adjacency> | 4217 |
| <isis-adjacency> | 4219 |
| <isis-adjacency-information> | 4220 |
| <isis-adjacency-log> | 4220 |
| <isis-adjacency-log> | 4220 |
| <isis-authentication-information> | 4221 |
| <isis-backup-coverage> | 4221 |
| <isis-backup-coverage> | 4222 |
| <isis-backup-coverage-information> | 4222 |
| <isis-backup-mpls> | 4222 |
| <isis-backup-mpls> | 4223 |
| <isis-backup-mpls-information> | 4223 |
| <isis-backup-spf-result> | 4224 |
| <isis-backup-spf-result> | 4224 |
| <isis-backup-spf-result> | 4225 |
| <isis-backup-spf-result> | 4226 |
| <isis-backup-spf-result> | 4227 |
| <isis-context> | 4227 |
| <isis-context> | 4228 |
| <isis-context-information> | 4229 |
| <isis-context-information-local> | 4229 |
| <isis-context-local> | 4229 |
| <isis-context-local> | 4230 |
| <isis-database> | 4230 |
| <isis-database> | 4230 |
| <isis-database-entry> | 4231 |
| <isis-database-entry> | 4231 |
| <isis-database-entry> | 4232 |
| <isis-database-information> | 4233 |
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| <isis-database-local> | 4233 |
| <isis-database-local-data> | 4233 |
| <isis-database-local-data> | 4234 |
| <isis-database-local-entry> | 4235 |
| <isis-database-local-entry> | 4235 |
| <isis-database-local-information> | 4236 |
| <isis-es-neighbor> | 4236 |
| <isis-es-neighbor> | 4237 |
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| <isis-header> | 4238 |
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| | |
|---|------|
| <isis-hostname> | 4242 |
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| <isis-hostname-information> | 4242 |
| <isis-interface> | 4243 |
| <isis-interface> | 4244 |
| <isis-interface-authentication> | 4246 |
| <isis-interface-authentication> | 4246 |
| <isis-interface-information> | 4246 |
| <isis-interface-level-authentication> | 4246 |
| <isis-interface-level-authentication> | 4247 |
| <isis-interface-level-authentication> | 4247 |
| <isis-interface-level-topology> | 4248 |
| <isis-interface-level-topology> | 4248 |
| <isis-interface-level-topology> | 4248 |
| <isis-iso-prefix-tlv> | 4249 |
| <isis-iso-prefix-tlv> | 4249 |
| <isis-iso-prefix-tlv> | 4250 |
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| <isis-level-information> | 4251 |
| <isis-level-information> | 4252 |
| <isis-lsp-authentication> | 4252 |
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| <isis-neighbor> | 4253 |
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| <isis-overload-information> | 4255 |
| <isis-overload-information> | 4256 |
| <isis-overview> | 4256 |
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| <isis-overview-information> | 4258 |
| <isis-packet> | 4258 |
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| <isis-pdu-statistics> | 4262 |
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| <isis-prefix> | 4263 |
| <isis-prefix> | 4264 |
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| <isis-prefix-subtlv> | 4266 |
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| | |
|---|------|
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| <isis-reachability-subtlv> | 4282 |
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| <isis-replication-adjacency> | 4285 |
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| <isis-replication-adjacency-information> | 4287 |
| <isis-replication-database> | 4287 |
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| <isis-replication-database-entry> | 4288 |
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| <isis-replication-database-entry> | 4289 |
| <isis-replication-database-information> | 4289 |
| <isis-replication-interface> | 4290 |
| <isis-replication-interface> | 4290 |
| <isis-replication-interface-information> | 4291 |
| <isis-replication-statistics> | 4291 |
| <isis-replication-statistics> | 4291 |
| <isis-replication-statistics-information> | 4292 |
| <isis-replication-system-id> | 4292 |
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| <isis-replication-system-id-information> | 4293 |
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| | |
|-------------------------------------|------|
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| <isis-spf-information> | 4299 |
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| <isis-spf-information> | 4299 |
| <isis-spf-log> | 4300 |
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| <isis-spf-log-header> | 4304 |
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| <isis-spf-results-header> | 4309 |
| <isis-srlg-tlv> | 4309 |
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| <isis-srlg-tlv> | 4311 |
| <isis-srlg-value> | 4311 |
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| <isis-tlv-overhead> | 4317 |

| | |
|---|------|
| <isis-tlv-overhead> | 4317 |
| <isis-tlv-overhead> | 4317 |
| <isis-tlv-overhead> | 4318 |
| <isis-traffic-engineering> | 4318 |
| <isis-traffic-engineering> | 4319 |
| <join-family> | 4319 |
| <join-group> | 4320 |
| <join-summary> | 4321 |
| <juniper-routing-aspath> | 4321 |
| <l2circuit-connection-information> | 4321 |
| <l2circuit-neighbor> | 4321 |
| <l2ckt-label-repository> | 4322 |
| <l2ckt-label-repository> | 4322 |
| <l2ckt-label-repository-information> | 4322 |
| <l2iw-domain> | 4323 |
| <l2iw-domain> | 4323 |
| <l2iw-peering-information> | 4323 |
| <l2vpn-connection-information> | 4323 |
| <l2vpn-label-repository-information> | 4323 |
| <l2vpn-labels> | 4324 |
| <l2vpn-labels> | 4324 |
| <l2vpn-labels-information> | 4325 |
| <l2vpn-nlri-advertisement> | 4325 |
| <l2vpn-nlri-advertisement> | 4325 |
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| <l2vpn-nlri-advertisement> | 4326 |
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| <l2vpn-route-distinguisher-information> | 4327 |
| <l2vpn-route-distinguisher-information> | 4328 |
| <label-block> | 4328 |
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|--|------|
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| <layer2-tspec> | 4342 |
| <ldp-binding> | 4342 |
| <ldp-binding> | 4343 |
| <ldp-binding-standby> | 4344 |
| <ldp-binding-standby> | 4345 |
| <ldp-database> | 4345 |
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| <ldp-database-information> | 4346 |
| <ldp-egress-nh> | 4346 |
| <ldp-egress-nh> | 4346 |
| <ldp-event-statistics> | 4347 |
| <ldp-event-statistics> | 4347 |
| <ldp-fec-filter> | 4347 |
| <ldp-fec-filter> | 4348 |
| <ldp-fec-filters-information> | 4348 |
| <ldp-interface> | 4348 |
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| <ldp-interface-information> | 4350 |
| <ldp-l2circuit-vccv-cc-type> | 4350 |
| <ldp-l2circuit-vccv-cc-type> | 4351 |
| <ldp-l2circuit-vccv-cv-type> | 4351 |
| <ldp-l2circuit-vccv-cv-type> | 4352 |
| <ldp-message-statistics> | 4352 |
| <ldp-message-statistics> | 4353 |
| <ldp-neighbor> | 4353 |
| <ldp-neighbor> | 4354 |
| <ldp-neighbor-hello-flags> | 4355 |
| <ldp-neighbor-hello-flags> | 4355 |
| <ldp-neighbor-hello-flags> | 4355 |
| <ldp-neighbor-information> | 4356 |
| <ldp-neighbor-replication> | 4356 |
| <ldp-neighbor-replication> | 4356 |
| <ldp-neighbor-replication-information> | 4357 |
| <ldp-neighbor-types> | 4357 |
| <ldp-neighbor-types> | 4357 |
| <ldp-neighbor-types> | 4358 |
| <ldp-neighbor-types> | 4358 |
| <ldp-neighbor-types> | 4358 |
| <ldp-nexthop> | 4358 |
| <ldp-nexthop> | 4359 |
| <ldp-oam-bfd-session> | 4359 |
| <ldp-oam-bfd-session> | 4360 |
| <ldp-oam-bfd-session> | 4360 |
| <ldp-oam-information> | 4361 |

| | |
|---|------|
| <ldp-oam-path> | 4361 |
| <ldp-oam-path> | 4362 |
| <ldp-oam-status> | 4362 |
| <ldp-oam-status> | 4363 |
| <ldp-p2mp-inlib-label> | 4363 |
| <ldp-p2mp-inlib-label> | 4363 |
| <ldp-p2mp-path> | 4364 |
| <ldp-p2mp-path> | 4364 |
| <ldp-p2mp-path-fec> | 4365 |
| <ldp-p2mp-path-fec> | 4365 |
| <ldp-p2mp-path-information> | 4365 |
| <ldp-p2mp-traffic-statistics> | 4366 |
| <ldp-p2mp-traffic-statistics> | 4366 |
| <ldp-path> | 4367 |
| <ldp-path> | 4367 |
| <ldp-path-information> | 4368 |
| <ldp-path-replication> | 4368 |
| <ldp-path-replication> | 4369 |
| <ldp-path-replication-information> | 4369 |
| <ldp-path-route> | 4369 |
| <ldp-path-route> | 4370 |
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| <ldp-route-information> | 4371 |
| <ldp-session> | 4371 |
| <ldp-session> | 4374 |
| <ldp-session-address> | 4377 |
| <ldp-session-address> | 4377 |
| <ldp-session-capabilities-advertised> | 4377 |
| <ldp-session-capabilities-advertised> | 4378 |
| <ldp-session-capabilities-advertised> | 4378 |
| <ldp-session-capabilities-received> | 4378 |
| <ldp-session-capabilities-received> | 4378 |
| <ldp-session-capabilities-received> | 4379 |
| <ldp-session-information> | 4379 |
| <ldp-session-protection> | 4379 |
| <ldp-session-protection> | 4379 |
| <ldp-session-replication> | 4380 |
| <ldp-session-replication> | 4380 |
| <ldp-session-replication-information> | 4381 |
| <ldp-session-statistics> | 4381 |
| <ldp-session-statistics> | 4381 |
| <ldp-standby-path> | 4382 |
| <ldp-standby-path> | 4382 |
| <ldp-standby-path-information> | 4382 |
| <ldp-standby-path-prefix> | 4383 |
| <ldp-standby-path-prefix> | 4383 |
| <ldp-standby-path-reference> | 4383 |
| <ldp-standby-path-reference> | 4384 |

| | |
|---|------|
| <ldp-standby-route> | 4384 |
| <ldp-standby-route> | 4384 |
| <ldp-standby-route-information> | 4385 |
| <ldp-statistics> | 4385 |
| <ldp-statistics> | 4385 |
| <ldp-statistics-information> | 4385 |
| <ldp-traffic-statistics> | 4385 |
| <ldp-traffic-statistics> | 4386 |
| <ldp-traffic-statistics-error> | 4386 |
| <ldp-traffic-statistics-error> | 4387 |
| <ldp-traffic-statistics-information> | 4387 |
| <ldp-vpls-reference-site> | 4387 |
| <ldp-vpls-reference-site> | 4388 |
| <ldp-vpls-reference-site> | 4389 |
| <ldp-vpls-reference-site> | 4389 |
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| <lm-control-channel-info> | 4393 |
| <lm-control-channel-info> | 4393 |
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| <lm-control-channel-info> | 4394 |
| <lm-information> | 4394 |
| <lm-input-statistics> | 4394 |
| <lm-lmp-control-channel-flags> | 4395 |
| <lm-lmp-control-channel-flags> | 4395 |
| <lm-lmp-control-channel-flags> | 4396 |
| <lm-lmp-control-channel-flags> | 4396 |
| <lm-output-statistics> | 4396 |
| <lm-peer-control-channels> | 4397 |
| <lm-peer-control-channels> | 4397 |
| <lm-peer-control-channels> | 4397 |
| <lm-peer-control-channels> | 4397 |
| <lm-peer-information> | 4398 |
| <lm-peer-information> | 4398 |
| <lm-peer-information> | 4399 |
| <lm-peer-lmp-control-channel-information> | 4400 |
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| <lm-peer-lmp-control-channel-information> | 4402 |
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| <lm-peer-lmp-control-channels> | 4403 |
| <lm-peer-root-information> | 4404 |
| <lm-peer-root-information> | 4404 |
| <lm-peer-statistics> | 4404 |
| <lm-peer-te-link-information> | 4404 |
| <lm-peer-te-link-information> | 4405 |

| | |
|--|------|
| <lm-peer-te-link-information> | 4405 |
| <lm-peer-te-link-information> | 4405 |
| <lm-peer-te-links> | 4406 |
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| <lm-peer-te-links> | 4406 |
| <lm-peer-te-links> | 4406 |
| <lm-received-bad-packets> | 4407 |
| <lm-received-misordered-packets> | 4407 |
| <lm-received-packets> | 4407 |
| <lm-resource> | 4408 |
| <lm-resource> | 4408 |
| <lm-resource-allocation-context> | 4409 |
| <lm-resource-allocation-context> | 4409 |
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| <lm-resource-allocation-context> | 4411 |
| <lm-resource-root-information> | 4411 |
| <lm-resource-root-information> | 4411 |
| <lm-retransmit-packets> | 4412 |
| <lm-sent-packets> | 4412 |
| <lm-statistics-information> | 4412 |
| <lm-te-link-information> | 4413 |
| <lm-te-link-information> | 4414 |
| <lm-te-link-information> | 4414 |
| <lm-te-link-local-flags> | 4415 |
| <lm-te-link-local-flags> | 4416 |
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| <lm-te-link-local-flags> | 4416 |
| <lm-te-link-resource> | 4417 |
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| <lm-te-link-root-information> | 4422 |
| <lm-te-link-root-information> | 4422 |
| <lm-tossed-packets> | 4422 |
| <local-asn> | 4423 |
| <local-asn> | 4423 |
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| <remote-interface> | 4975 |
| <rendezvous-point> | 4976 |
| <rendezvous-point-active-group-prefix> | 4977 |
| <rendezvous-point-active-group-prefixes> | 4977 |
| <rendezvous-point-address-info> | 4978 |
| <rendezvous-point-addresses> | 4978 |
| <rendezvous-point-anycast-pim-rpset> | 4978 |
| <rendezvous-point-anycast-register-state> | 4979 |
| <rendezvous-point-group-prefixes> | 4979 |
| <rendezvous-point-register-state> | 4980 |
| <rendezvous-point-trees> | 4980 |
| <reserved-bandwidth> | 4981 |
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| <rip-general-statistics-information> | 4991 |
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| <rip-global-statistics> | 4992 |
| <rip-global-statistics> | 4992 |
| <rip-instance-neighbor> | 4993 |
| <rip-instance-statistics> | 4993 |
| <rip-message-statistics> | 4993 |
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| <rip-neighbor-information> | 4998 |
| <rip-neighbor-information-all> | 4998 |
| <rip-neighbor-statistics> | 4998 |
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| <rip-restart-values> | 4999 |
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| <rip-statistics-information> | 5001 |
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| <rip-timer-values> | 5001 |
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| <rsvp-bypass-repl-information> | 5016 |
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| <rsvp-graceful-restart> | 5020 |
| <rsvp-interface> | 5020 |
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| <rsvp-interface-information> | 5022 |
| <rsvp-interface-replication-information> | 5022 |
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| <rsvp-neighbor-information> | 5025 |
| <rsvp-neighbor-replication-information> | 5025 |
| <rsvp-path-state-replication-information> | 5026 |
| <rsvp-replication-neighbor> | 5026 |
| <rsvp-replication-neighbor> | 5026 |
| <rsvp-replication-path-state> | 5027 |
| <rsvp-replication-path-state> | 5028 |
| <rsvp-replication-resv-state> | 5029 |
| <rsvp-replication-resv-state> | 5030 |
| <rsvp-replication-session> | 5030 |
| <rsvp-replication-session> | 5030 |
| <rsvp-replication-te-link> | 5031 |
| <rsvp-replication-te-link> | 5031 |
| <rsvp-resv-state-replication-information> | 5032 |
| <rsvp-session> | 5032 |
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| <rsvp-session> | 5038 |
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| <rsvp-session-data> | 5044 |

| | |
|--|------|
| <rsvp-session-data> | 5045 |
| <rsvp-session-information> | 5045 |
| <rsvp-session-replication-information> | 5046 |
| <rsvp-statistics-information> | 5046 |
| <rsvp-telink> | 5046 |
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| <rsvp-version-information> | 5060 |
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| <rt-entry> | 5061 |
| <rt-entry> | 5066 |
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| <rt-ribgroup> | 5070 |
| <rt-test-policy> | 5071 |
| <rt-test-policy-prefix> | 5071 |
| <rt-test-policy-term> | 5071 |
| <rtd-flow-dep> | 5072 |
| <rtd-flow-dep> | 5072 |
| <rte-instance> | 5073 |
| <rte-instance> | 5073 |
| <rte-table> | 5074 |
| <rte-table> | 5074 |
| <rte-target> | 5075 |
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| <rtexport-table-information> | 5076 |
| <rtflow-dep-information> | 5076 |
| <rtflow-dep-table> | 5076 |
| <sap-listen> | 5076 |
| <sap-listen-information> | 5077 |
| <session-connection-data> | 5077 |
| <session-origin> | 5077 |
| <source-family> | 5078 |
| <sparse-downstream-interface> | 5078 |
| <statistics-family> | 5078 |
| <switching-capability-descriptor> | 5079 |
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| <switching-capability-descriptor> | 5081 |
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| <switching-capability-descriptor> | 5083 |
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| <task-lite-page> | 5087 |
| <task-lite-page-list> | 5087 |
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| <task-malloc> | 5088 |
| <task-malloc> | 5088 |
| <task-malloc-list> | 5089 |
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| <task-memory-information> | 5090 |
| <task-memory-malloc-usage-report> | 5091 |
| <task-memory-overall-report> | 5091 |
| <task-memory-stats> | 5091 |
| <task-memory-stats> | 5092 |
| <task-memory-stats-list> | 5093 |
| <task-replication-state> | 5093 |
| <task-size-block> | 5093 |
| <task-size-block> | 5094 |
| <task-size-block-list> | 5095 |
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| <task-timer> | 5095 |
| <task-timer> | 5096 |
| <task-timer> | 5096 |
| <task-timer-information> | 5097 |
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| <te-subtlv> | 5097 |
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| <te-subtlv> | 5099 |
| <ted-database> | 5099 |
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| <ted-database-information> | 5101 |
| <ted-database-lcl-addr> | 5101 |
| <ted-database-lcl-addr> | 5101 |
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| <ted-database-lcl-addr> | 5101 |
| <ted-database-summary> | 5102 |
| <ted-database-summary> | 5102 |
| <ted-link> | 5102 |
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| <ted-link-extended-admin-group> | 5111 |
| <ted-link-extended-admin-group> | 5112 |
| <ted-link-extended-admin-group> | 5112 |

| | |
|---------------------------------------|------|
| <ted-link-extended-admin-group> | 5112 |
| <ted-link-extended-admin-group> | 5112 |
| <ted-link-information> | 5113 |
| <ted-link-srlg> | 5113 |
| <ted-link-srlg> | 5113 |
| <ted-link-srlg> | 5113 |
| <ted-link-srlg> | 5114 |
| <ted-link-srlg> | 5114 |
| <ted-protocol> | 5114 |
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| <ted-protocol-information> | 5115 |
| <tlv-block> | 5115 |
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| <tlv-stragglers> | 5117 |
| <tlv-stragglers> | 5117 |
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| <tlv-stragglers> | 5118 |
| <totals-information> | 5118 |
| <totals-information> | 5119 |
| <tracing-information> | 5119 |
| <tracing-information> | 5119 |
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| <unconfigured-peers> | 5132 |

| | |
|---|------|
| <unconfigured-peers> | 5132 |
| <unknown-tlv> | 5133 |
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| <unknown-tlv> | 5133 |
| <unknown-tlv> | 5134 |
| <upstream-group> | 5134 |
| <upstream-state-flags> | 5134 |
| <vpls-auto-site-repository> | 5135 |
| <vpls-auto-site-repository> | 5135 |
| <vpls-auto-site-repository-information> | 5136 |
| <vpls-bgp-label-repository-information> | 5136 |
| <vpls-bgp-route-distinguisher-information> | 5136 |
| <vpls-bgp-route-distinguisher-information> | 5137 |
| <vpls-connection-information> | 5137 |
| <vpls-dyn-prof-session-information> | 5137 |
| <vpls-dyn-session-entry> | 5137 |
| <vpls-dyn-session-entry> | 5138 |
| <vpls-dynamic-interface-repository> | 5138 |
| <vpls-dynamic-interface-repository> | 5139 |
| <vpls-dynamic-interface-repository-information> | 5139 |
| <vpls-ldp-dynamic-interface-repository> | 5140 |
| <vpls-ldp-dynamic-interface-repository> | 5140 |
| <vpls-ldp-dynamic-interface-repository> | 5141 |
| <vpls-ldp-dynamic-interface-repository-entity> | 5141 |
| <vpls-ldp-dynamic-interface-repository-entity> | 5141 |
| <vpls-ldp-label-repository> | 5142 |
| <vpls-ldp-label-repository> | 5142 |
| <vpls-ldp-label-repository> | 5142 |
| <vpls-ldp-label-repository-entity> | 5143 |
| <vpls-ldp-label-repository-entity> | 5143 |
| <vpls-ldp-label-repository-information> | 5143 |
| <vpls-protocol-state> | 5144 |
| <vpls-protocol-state> | 5144 |
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| <vpls-protocol-state> | 5146 |
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| <vpls-protocol-state> | 5147 |
| <vpls-rsvp-te-ingress-p2mp-lsp> | 5148 |
| <vpls-rsvp-te-ingress-p2mp-lsp> | 5148 |
| <vpls-rsvp-te-ingress-p2mp-lsp> | 5149 |
| <vpls-rsvp-te-ingress-p2mp-lsp> | 5149 |
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| <vpls-rsvp-te-ingress-p2mp-lsp> | 5150 |
| <vpls-rsvp-te-p2mp-lsp-information> | 5151 |
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| <vpls-rsvp-te-p2mp-lsp-information> | 5151 |

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| | |
|---|------|
| <vpls-rsvp-te-p2mp-lsp-information> | 5179 |
| <vpls-statistics-information> | 5180 |
| <vrrp-group> | 5180 |
| <vrrp-group> | 5181 |
| Summary of Real-Time Performance Monitoring Response Tags | 5181 |
| <active-servers> | 5181 |
| <configured-servers> | 5181 |
| <configured-servers> | 5182 |
| <connection> | 5182 |
| <history-results> | 5183 |
| <history-test-results> | 5183 |
| <packet-statistics> | 5184 |
| <packet-statistics> | 5185 |
| <probe-last-test-info> | 5185 |
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| <probe-summary-results> | 5263 |
| <probe-test-current-results> | 5264 |
| <probe-test-current-results> | 5264 |
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| <probe-test-egress> | 5265 |
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| <probe-test-generic-results> | 5268 |
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| | |
|---|------|
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| <probe-test-global-results> | 5274 |
| <probe-test-global-results> | 5275 |
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| <probe-test-ingress> | 5275 |
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| <probe-test-ingress> | 5277 |
| <probe-test-ingress> | 5278 |
| <probe-test-moving-results> | 5278 |
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| <probe-test-negative-egress-jitter> | 5278 |
| <probe-test-negative-egress-jitter> | 5278 |
| <probe-test-negative-egress-jitter> | 5279 |
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| <test-packets-dropped-details> | 5302 |
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| Summary of Routing and Forwarding Table Response Tags | 5303 |
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|---|------|
| Summary of SDX Response Tags | 5322 |
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| Summary of SecPollInfo Response Tags | 5324 |
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| <secpolinfo-policy-information> | 5326 |
| Summary of Services Accounting Response Tags | 5326 |
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| <flow-aggregate-template-detail-mpls> | 5352 |
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| <inline-jflow-status-information> | 5356 |
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| <services-accounting-information> | 5363 |
| <status-information> | 5364 |
| <usage-information> | 5365 |
| <v9-error-information> | 5365 |
| Summary of Services Flow Collector Response Tags | 5366 |
| <export-channel> | 5366 |
| <file> | 5366 |
| <file-information> | 5367 |
| <input> | 5367 |
| <input-information> | 5368 |
| <services-flow-collector-information> | 5368 |
| <statistics-information> | 5369 |
| Summary of Shared Memory Event Library Response Tags | 5372 |
| <shmlog-information> | 5372 |
| Summary of Shutdown Response Tags | 5372 |
| <clear-reboot-status> | 5372 |
| <reboot-information> | 5372 |
| <request-reboot-results> | 5372 |
| Summary of Server Load Balancing Daemon Response Tags | 5373 |
| <hash-table-information> | 5373 |
| <health-monitor-information> | 5373 |
| <health-monitor-statistics-information> | 5373 |
| <real-server-information> | 5373 |
| <real-server-statistics-information> | 5373 |
| <slb-hash-information> | 5374 |
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| <slb-hm-statistics> | 5375 |
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| <slb-vs-statistics> | 5381 |
| <sticky-table-information> | 5382 |
| <virtual-server-information> | 5382 |
| <virtual-server-statistics-information> | 5382 |
| Summary of SMPL Response Tags | 5383 |
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| | |
|---|------|
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| Summary of SNMP Response Tags | 5393 |
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| | |
|---|------|
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| <snmp-object-information> | 5410 |
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| <snmp-v3-input-statistics> | 5418 |
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| <snmp-v3-target-parameters-information> | 5423 |
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| <snmp-v3-target_address> | 5425 |
| <snmp-v3-target_parameters> | 5426 |

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| <snmp-v3-usm-user-information> | 5429 |
| <snmp-v3-usm-user-information> | 5429 |
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| <sub-agent-registration> | 5430 |
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| <trap-throttle-stats> | 5431 |
| Summary of Static Subscribers Response Tags | 5431 |
| <results> | 5431 |
| <static-subscribers-information> | 5431 |
| <subscriber-session> | 5432 |
| Summary of Statistics Response Tags | 5432 |
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| <udp> | 5471 |
| <vpls> | 5472 |
| Summary of Subscriber Management Response Tags | 5474 |
| <subscriber-management-summary-information> | 5474 |
| Summary of Subscribers Response Tags | 5474 |
| <counters> | 5474 |
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| <subscriber> | 5478 |
| <subscribers-information> | 5481 |
| <subscribers-summary-information> | 5481 |

| | |
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| Summary of Graceful Switchover Response Tags | 5481 |
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| <multi-routing-engine-item> | 5482 |
| <multi-routing-engine-results> | 5483 |
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| Summary of CNLP Traceroute Response Tags | 5487 |
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| <test-status> | 5498 |
| <traceroute-results> | 5498 |
| Summary of Virtual Router Redundancy Protocol Response Tags | 5499 |
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| Summary of X.509 Certificate Response Tags | 5525 |
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| <crl-issuer-alternate-subject-list> | 5528 |
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| <x509-certificate-info-list> | 5548 |

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| Summary of Task Response Response Tags | 5549 |
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| Summary of LLDP Response Tags | 5561 |
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| | Summary of Local Policy Decision Function Response Tags | 5573 |
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| Chapter 11 | Operational Response Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series | 5577 |
| | Summary of IPSec Response Tags | 5577 |
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| Chapter 12 | Operational Response Tag Elements Common to J Series, M, MX, and T Series, and SRX Series | 5661 |
| | Summary of Connectivity Fault Management Response Tags | 5661 |
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| <cfm-transmit-interface-information> | 5878 |
| <cfmd-internal-state> | 5878 |
| Summary of Chassis Response Tags | 5880 |
| <ac-input-detail> | 5880 |
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| <slave-registers> | 6077 |
| <slave-registers-information> | 6077 |
| <spmb> | 6078 |
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| <spmb-information> | 6079 |

| | |
|---|------|
| <spmb-information> | 6079 |
| <synchronization-source-list> | 6080 |
| <sysio-status-led> | 6080 |
| <sysio-status-led> | 6080 |
| <sysio-status-led> | 6081 |
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| <system-firmware-compatibility> | 6083 |
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| <system-led> | 6086 |
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| <system-sub-module-firmware> | 6087 |
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| <system-sub-module-firmware-compatibility> | 6089 |
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| <system-sub-module-firmware-compatibility-list> | 6091 |
| <system-sub-module-firmware-compatibility-list> | 6091 |
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| <system-sub-module-firmware-list> | 6091 |
| <system-sub-module-firmware-list> | 6092 |
| <system-sub-module-firmware-list> | 6092 |
| <telemetries-information> | 6092 |
| <temperature-reading> | 6093 |
| <temperature-threshold> | 6093 |
| <temperature-threshold-information> | 6094 |
| <temperature-threshold-information-item> | 6094 |
| <voltage> | 6094 |
| <write-register> | 6094 |
| <xf-read-register> | 6095 |
| <xf-show-summary> | 6095 |
| <xf-write-register> | 6095 |
| Summary of Layer 2 Control Protocol Response Tags | 6096 |
| <cist-bridge-parameters> | 6096 |
| <cist-bridge-parameters> | 6097 |
| <dot1x-authentication-failed-users> | 6098 |
| <dot1x-interface-information> | 6099 |
| <dot1x-static-mac-address> | 6099 |
| <erp-data-channel-entry> | 6099 |
| <erp-data-channel-entry> | 6099 |

| | |
|--|------|
| <erp-data-channel-information> | 6100 |
| <erp-data-channel-interfaces> | 6100 |
| <erp-data-channels> | 6100 |
| <erp-ifbd-entries> | 6101 |
| <erp-ifbd-entry> | 6101 |
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| <erp-ifbd-information> | 6102 |
| <erp-ifbds> | 6102 |
| <erp-interface-entry> | 6102 |
| <erp-interface-entry> | 6103 |
| <erp-interface-information> | 6103 |
| <erp-interfaces> | 6104 |
| <erp-raps> | 6104 |
| <erp-raps-entry> | 6104 |
| <erp-raps-entry> | 6105 |
| <erp-raps-information> | 6105 |
| <erp-rpdu-entry> | 6105 |
| <erp-rpdu-entry> | 6106 |
| <erp-rpdu-information> | 6107 |
| <erp-rpdus> | 6107 |
| <ethernet-ring-pg> | 6107 |
| <ethernet-ring-statistics> | 6107 |
| <interface> | 6108 |
| <l2pt-interface-entry> | 6109 |
| <l2pt-interface-list> | 6109 |
| <mmrp-applicant-entry> | 6110 |
| <mmrp-applicant-entry> | 6110 |
| <mmrp-applicant-entry-information> | 6110 |
| <mmrp-applicant-information> | 6111 |
| <mmrp-applicant-mmrp-instance> | 6111 |
| <mmrp-interface-entry> | 6111 |
| <mmrp-interface-entry> | 6111 |
| <mmrp-interface-entry-information> | 6112 |
| <mmrp-interface-information> | 6112 |
| <mmrp-interface-mmrp-instance> | 6112 |
| <mmrp-maclist-entry> | 6112 |
| <mmrp-maclist-entry> | 6113 |
| <mmrp-maclist-entry-information> | 6113 |
| <mmrp-maclist-information> | 6114 |
| <mmrp-maclist-mmrp-instance> | 6114 |
| <mmrp-mactable-entry> | 6114 |
| <mmrp-mactable-entry> | 6114 |
| <mmrp-mactable-entry-information> | 6115 |
| <mmrp-mactable-information> | 6115 |
| <mmrp-mactable-interface> | 6115 |
| <mmrp-mactable-interface> | 6116 |
| <mmrp-mactable-mmrp-instance> | 6116 |
| <mmrp-registration-entry> | 6116 |
| <mmrp-registration-entry> | 6117 |

| | |
|---|------|
| <mmrp-registration-entry-information> | 6117 |
| <mmrp-registration-information> | 6118 |
| <mmrp-registration-mmrp-instance> | 6118 |
| <mmrp-statistics-entry> | 6118 |
| <mmrp-statistics-entry> | 6119 |
| <mmrp-statistics-entry-information> | 6119 |
| <mmrp-statistics-information> | 6119 |
| <mmrp-statistics-mmrp-instance> | 6120 |
| <msti-bridge-parameters> | 6120 |
| <msti-bridge-parameters> | 6121 |
| <msti-regional-root-bridge> | 6122 |
| <msti-regional-root-bridge> | 6122 |
| <mstp-configuration> | 6123 |
| <mvrp-applicant-information> | 6123 |
| <mvrp-applicant-instance> | 6123 |
| <mvrp-applicant-interface-entry> | 6123 |
| <mvrp-applicant-vlan-entry> | 6124 |
| <mvrp-information> | 6124 |
| <mvrp-information-entry> | 6124 |
| <mvrp-interface-entry> | 6125 |
| <mvrp-interface-information> | 6125 |
| <mvrp-interface-instance> | 6125 |
| <mvrp-interface-statistics> | 6126 |
| <mvrp-interface-timers> | 6126 |
| <mvrp-registration-information> | 6126 |
| <mvrp-registration-instance> | 6126 |
| <mvrp-registration-interface-entry> | 6127 |
| <mvrp-registration-vlan-entry> | 6127 |
| <mvrp-statistics-instance> | 6127 |
| <mvrp-statistics-interface-entry> | 6128 |
| <mvrp-vlan-entry> | 6128 |
| <mvrp-vlan-information> | 6129 |
| <mvrp-vlan-instance> | 6129 |
| <mvrp-vlan-interface-entry> | 6129 |
| <regional-root-bridge> | 6129 |
| <regional-root-bridge> | 6130 |
| <root-bridge> | 6130 |
| <root-bridge> | 6130 |
| <root-bridge> | 6131 |
| <root-bridge> | 6131 |
| <stp-bridge> | 6131 |
| <stp-context-statistics-information> | 6132 |
| <stp-instance> | 6132 |
| <stp-interface-entry> | 6133 |
| <stp-interface-entry> | 6134 |
| <stp-interface-information> | 6135 |
| <stp-interface-statistics> | 6135 |
| <stp-interface-statistics-entry> | 6135 |
| <stp-interface-statistics-entry> | 6135 |

| | |
|---|------|
| <stp-interface-statistics-entry> | 6136 |
| <stp-interfaces> | 6136 |
| <stp-kernel-table> | 6137 |
| <stp-kernel-table-entry> | 6137 |
| <task> | 6137 |
| <task> | 6138 |
| <task-block> | 6138 |
| <task-block> | 6139 |
| <task-block-list> | 6140 |
| <task-block-list> | 6140 |
| <task-information> | 6140 |
| <task-lite-page> | 6140 |
| <task-lite-page> | 6141 |
| <task-lite-page-list> | 6141 |
| <task-lite-page-list> | 6141 |
| <task-malloc> | 6142 |
| <task-malloc> | 6142 |
| <task-malloc-list> | 6143 |
| <task-malloc-list> | 6143 |
| <task-memory-allocator-report> | 6143 |
| <task-memory-information> | 6143 |
| <task-memory-malloc-usage-report> | 6145 |
| <task-memory-overall-report> | 6145 |
| <task-memory-stats> | 6145 |
| <task-memory-stats> | 6146 |
| <task-memory-stats-list> | 6146 |
| <task-replication-state> | 6147 |
| <task-size-block> | 6147 |
| <task-size-block> | 6148 |
| <task-size-block-list> | 6149 |
| <task-size-block-list> | 6149 |
| <task-timer> | 6149 |
| <task-timer> | 6150 |
| <task-timer> | 6150 |
| <task-timer-information> | 6151 |
| <this-bridge> | 6151 |
| <this-bridge> | 6151 |
| <this-bridge> | 6151 |
| <this-bridge> | 6152 |
| <this-bridge> | 6152 |
| <this-bridge> | 6152 |
| <vlan-map> | 6153 |
| <vlan-map-entry> | 6153 |
| <vst-bridge-parameters> | 6153 |
| <vst-bridge-parameters> | 6154 |
| <vstp-interface-statistics> | 6155 |
| <vstp-statistics> | 6156 |
| <vstp-statistics> | 6156 |

| | | |
|-------------------|--|-------------|
| Chapter 13 | Operational Response Tag Elements Common to EX Series, J Series, QFX Series, and SRX Series | 6159 |
| | Summary of Autoinstallation Response Tags | 6159 |
| | <autoinstallation-status-information> | 6159 |
| | <autoinstallation-status-interface-address-information> | 6160 |
| | <autoinstallation-status-interface-information> | 6160 |
| | Summary of DHCP Response Tags | 6161 |
| | <client-identifier> | 6161 |
| | <dhcp-binding> | 6161 |
| | <dhcp-binding-information> | 6162 |
| | <dhcp-client> | 6162 |
| | <dhcp-client-information> | 6163 |
| | <dhcp-client-statistics-information> | 6163 |
| | <dhcp-conflict> | 6163 |
| | <dhcp-conflict> | 6164 |
| | <dhcp-conflict-information> | 6164 |
| | <dhcp-global-information> | 6164 |
| | <dhcp-helper-statistics> | 6165 |
| | <dhcp-lease-information> | 6165 |
| | <dhcp-lease-information> | 6165 |
| | <dhcp-lease-time-information> | 6166 |
| | <dhcp-lease-time-information> | 6166 |
| | <dhcp-lease-time-information> | 6167 |
| | <dhcp-option> | 6167 |
| | <dhcp-option> | 6167 |
| | <dhcp-option> | 6168 |
| | <dhcp-option> | 6168 |
| | <dhcp-option> | 6169 |
| | <dhcp-option> | 6169 |
| | <dhcp-option-table> | 6170 |
| | <dhcp-option-table> | 6170 |
| | <dhcp-option-table> | 6170 |
| | <dhcp-option-table> | 6171 |
| | <dhcp-option-table> | 6171 |
| | <dhcp-pool> | 6171 |
| | <dhcp-pool-information> | 6172 |
| | <dhcp-statistics-information> | 6172 |
| | <helper-statistics> | 6173 |
| | <helper-statistics-service-information> | 6173 |
| | <message> | 6174 |
| | <message-client> | 6174 |
| | <message-client-table> | 6175 |
| | <message-table> | 6175 |
| | <relay-information> | 6175 |
| | Summary of IGMP Snooping Response Tags | 6176 |
| | <bridge-table-group-entry> | 6176 |
| | <bridge-table-group-entry> | 6176 |
| | <bridge-table-group-entry> | 6177 |
| | <bridge-table-sg-entry> | 6177 |

| | |
|--|------|
| <bridge-table-sg-entry> | 6178 |
| <bridge-table-sg-entry> | 6178 |
| <bridge-table-sg-entry> | 6178 |
| <forward-next-hop> | 6179 |
| <forward-next-hop> | 6179 |
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| <group-next-hop> | 6180 |
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| <group-next-hop> | 6180 |
| <igmp-group-interface> | 6180 |
| <igmp-group-interface> | 6181 |
| <igmp-group-interface> | 6182 |
| <igmp-group-rxlan> | 6182 |
| <igmp-group-rxlan> | 6183 |
| <igmp-group-rxlan> | 6183 |
| <igmp-snooping-global-stats> | 6183 |
| <igmp-snooping-global-stats> | 6184 |
| <igmp-snooping-group> | 6184 |
| <igmp-snooping-group> | 6185 |
| <igmp-snooping-group-vlan> | 6185 |
| <igmp-snooping-membership-information> | 6186 |
| <igmp-snooping-routing-information> | 6186 |
| <igmp-snooping-statistics> | 6186 |
| <igmp-snooping-statistics> | 6187 |
| <igmp-snooping-statistics> | 6188 |
| <igmp-snooping-statistics-information> | 6189 |
| <igmp-snooping-table-bridge> | 6189 |
| <igmp-snooping-table-bridge> | 6189 |
| <igmp-snooping-table-inet> | 6189 |
| <igmp-snooping-table-inet> | 6189 |
| <igmp-snooping-vlan> | 6190 |
| <igmp-snooping-vlan> | 6191 |
| <igmp-snooping-vlan-information> | 6191 |
| <igmp-snooping-vlan-member> | 6192 |
| <igmp-snooping-vlan-member> | 6192 |
| <igmp-snooping-vlan-member> | 6193 |
| <igmp-snooping-vlan-rxlan-member> | 6193 |
| <igmp-snooping-vlan-rxlan-member> | 6193 |
| <igmp-snooping-vlan-rxlan-member> | 6194 |
| <igmp-vlan-router-interface> | 6194 |
| <inet-table-route-entry> | 6194 |
| <inet-table-route-entry> | 6195 |
| <inet-table-route-entry> | 6195 |
| <inet-table-sgv-entry> | 6195 |
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| <inet-table-sgv-entry> | 6197 |
| <mcrt-next-hop-entry> | 6197 |

| | |
|---|------|
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| <task> | 6207 |
| <task-block> | 6208 |
| <task-block> | 6208 |
| <task-block-list> | 6209 |
| <task-block-list> | 6209 |
| <task-lite-page> | 6210 |
| <task-lite-page> | 6210 |
| <task-lite-page-list> | 6211 |
| <task-lite-page-list> | 6211 |
| <task-malloc> | 6211 |
| <task-malloc> | 6212 |
| <task-malloc-list> | 6212 |
| <task-malloc-list> | 6212 |
| <task-memory-allocator-report> | 6213 |
| <task-memory-information> | 6213 |
| <task-memory-malloc-usage-report> | 6214 |
| <task-memory-overall-report> | 6214 |
| <task-memory-stats> | 6215 |
| <task-memory-stats> | 6215 |
| <task-memory-stats-list> | 6216 |
| <task-replication-state> | 6216 |

| | |
|--|------|
| <task-size-block> | 6216 |
| <task-size-block> | 6217 |
| <task-size-block-list> | 6218 |
| <task-size-block-list> | 6218 |
| <task-timer> | 6218 |
| <task-timer> | 6219 |
| <task-timer-information> | 6219 |
| <tracing-information> | 6219 |
| Summary of LLDP Response Tags | 6220 |
| <dcbx> | 6220 |
| <dcbx-feature-application> | 6220 |
| <dcbx-feature-application> | 6220 |
| <dcbx-feature-application> | 6221 |
| <dcbx-feature-application-advertisement> | 6221 |
| <dcbx-feature-application-advertisement> | 6221 |
| <dcbx-feature-application-advertisement> | 6221 |
| <dcbx-feature-application-advertisement> | 6222 |
| <dcbx-feature-application-config> | 6222 |
| <dcbx-feature-application-config> | 6222 |
| <dcbx-feature-application-config> | 6223 |
| <dcbx-feature-application-config> | 6223 |
| <dcbx-feature-application-config> | 6224 |
| <dcbx-feature-common> | 6225 |
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| <dcbx-feature-common> | 6225 |
| <dcbx-feature-common> | 6226 |
| <dcbx-feature-common> | 6226 |
| <dcbx-feature-common> | 6226 |
| <dcbx-feature-common> | 6227 |
| <dcbx-feature-common> | 6227 |
| <dcbx-feature-common> | 6228 |
| <dcbx-feature-common> | 6228 |
| <dcbx-feature-ets> | 6229 |
| <dcbx-feature-ets> | 6229 |
| <dcbx-feature-ets> | 6229 |
| <dcbx-feature-ets-advertisement> | 6229 |
| <dcbx-feature-ets-advertisement> | 6230 |
| <dcbx-feature-ets-advertisement> | 6230 |
| <dcbx-feature-ets-advertisement> | 6230 |
| <dcbx-feature-ets-config-cp-pg> | 6231 |
| <dcbx-feature-ets-config-cp-pg> | 6231 |
| <dcbx-feature-ets-config-cp-pg> | 6231 |
| <dcbx-feature-ets-config-cp-pg> | 6232 |
| <dcbx-feature-ets-config-cp-pg-item> | 6232 |
| <dcbx-feature-ets-config-cp-pg-item> | 6232 |
| <dcbx-feature-ets-config-cp-pg-item> | 6233 |
| <dcbx-feature-ets-config-cp-pg-item> | 6233 |
| <dcbx-feature-ets-config-pg-bw> | 6233 |
| <dcbx-feature-ets-config-pg-bw> | 6234 |

| | |
|--|------|
| <dcbx-feature-ets-config-pg-bw> | 6234 |
| <dcbx-feature-ets-config-pg-bw> | 6234 |
| <dcbx-feature-ets-config-pg-bw-item> | 6235 |
| <dcbx-feature-ets-config-pg-bw-item> | 6235 |
| <dcbx-feature-ets-config-pg-bw-item> | 6235 |
| <dcbx-feature-ets-config-pg-bw-item> | 6236 |
| <dcbx-feature-flags> | 6236 |
| <dcbx-feature-flags> | 6236 |
| <dcbx-feature-flags> | 6237 |
| <dcbx-feature-flags> | 6237 |
| <dcbx-feature-flags> | 6238 |
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| <dcbx-feature-flags> | 6238 |
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| <dcbx-feature-flags> | 6240 |
| <dcbx-feature-flags> | 6241 |
| <dcbx-feature-flags> | 6241 |
| <dcbx-feature-pfc> | 6242 |
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| <dcbx-feature-pfc> | 6242 |
| <dcbx-feature-pfc-advertisement> | 6242 |
| <dcbx-feature-pfc-advertisement> | 6243 |
| <dcbx-feature-pfc-advertisement> | 6243 |
| <dcbx-feature-pfc-advertisement> | 6243 |
| <dcbx-feature-pfc-config> | 6244 |
| <dcbx-feature-pfc-config> | 6244 |
| <dcbx-feature-pfc-config> | 6244 |
| <dcbx-feature-pfc-config> | 6245 |
| <dcbx-feature-pfc-config> | 6245 |
| <dcbx-interface-information> | 6245 |
| <dcbx-interface-information> | 6246 |
| <dcbx-protocol-control-adv> | 6246 |
| <dcbx-protocol-control-adv> | 6246 |
| <dcbx-protocol-control-adv> | 6247 |
| <dcbx-protocol-control-info> | 6247 |
| <dcbx-protocol-control-info> | 6247 |
| <dcbx-protocol-control-info> | 6248 |
| <dcbx-protocol-control-info> | 6248 |
| <lldp> | 6248 |
| <lldp-exported-vlan-information> | 6249 |
| <lldp-interface-information> | 6250 |
| <lldp-interface-information> | 6250 |
| <lldp-intf-stats> | 6251 |
| <lldp-intf-stats> | 6251 |
| <lldp-local-info> | 6252 |
| <lldp-local-interface-info> | 6253 |
| <lldp-local-interface-info> | 6253 |

| | | |
|-------------------|--|-------------|
| | <lldp-neighbor-information> | 6254 |
| | <lldp-neighbor-information> | 6256 |
| | <lldp-neighbors-information> | 6258 |
| | <lldp-remote-global-statistics> | 6258 |
| | <lldp-remote-global-stats> | 6258 |
| | <lldp-remote-global-stats> | 6259 |
| | <lldp-stats> | 6259 |
| | <lldp-system-description> | 6259 |
| | <lldp-system-description> | 6260 |
| | <task> | 6260 |
| | <task-block> | 6260 |
| | <task-block> | 6261 |
| | <task-block-list> | 6262 |
| | <task-block-list> | 6262 |
| | <task-lite-page> | 6262 |
| | <task-lite-page> | 6263 |
| | <task-lite-page-list> | 6263 |
| | <task-lite-page-list> | 6263 |
| | <task-malloc> | 6264 |
| | <task-malloc> | 6264 |
| | <task-malloc-list> | 6265 |
| | <task-malloc-list> | 6265 |
| | <task-memory-allocator-report> | 6265 |
| | <task-memory-information> | 6265 |
| | <task-memory-malloc-usage-report> | 6267 |
| | <task-memory-overall-report> | 6267 |
| | <task-memory-stats> | 6267 |
| | <task-memory-stats> | 6268 |
| | <task-memory-stats-list> | 6268 |
| | <task-replication-state> | 6269 |
| | <task-size-block> | 6269 |
| | <task-size-block> | 6270 |
| | <task-size-block-list> | 6270 |
| | <task-size-block-list> | 6271 |
| | <task-timer> | 6271 |
| | <task-timer> | 6271 |
| | <task-timer-information> | 6272 |
| | <tracing-information> | 6272 |
| Chapter 14 | Operational Response Tag Elements Specific to M, MX, and T Series . . | 6273 |
| | Summary of DS-Lite Response Tags | 6273 |
| | <ds-lite-software-sc> | 6273 |
| | <ds-lite-software-sc-all-information> | 6274 |
| | <ds-lite-software-sc-detail-information> | 6274 |
| | <ds-lite-software-sc-pre> | 6274 |
| | <ds-lite-software-si> | 6275 |
| | Summary of DHCP Response Tags | 6275 |
| | <client-identifier> | 6275 |
| | <dhcp-binding> | 6275 |

| | |
|---|------|
| <dhcp-binding-information> | 6276 |
| <dhcp-conflict> | 6276 |
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| <dhcp-conflict-information> | 6277 |
| <dhcp-global-information> | 6277 |
| <dhcp-lease-information> | 6278 |
| <dhcp-lease-information> | 6278 |
| <dhcp-lease-time-information> | 6278 |
| <dhcp-lease-time-information> | 6279 |
| <dhcp-lease-time-information> | 6279 |
| <dhcp-option> | 6280 |
| <dhcp-option> | 6280 |
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| <dhcp-option> | 6281 |
| <dhcp-option-table> | 6282 |
| <dhcp-option-table> | 6282 |
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| <dhcp-option-table> | 6283 |
| <dhcp-pool> | 6283 |
| <dhcp-pool-information> | 6284 |
| <dhcp-statistics-information> | 6284 |
| <helper-statistics> | 6285 |
| <message> | 6285 |
| <message-table> | 6285 |
| <relay-information> | 6286 |
| Summary of Multicast and IGMP Snooping Response Tags | 6286 |
| <backup-pes> | 6286 |
| <host-record> | 6287 |
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| <host-record> | 6288 |
| <host-record> | 6288 |
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| <host-record> | 6289 |
| <iflist-next-hop> | 6290 |
| <igmp-group-information> | 6290 |
| <igmp-hosts-information> | 6290 |
| <igmp-interface-information> | 6291 |
| <igmp-output-group-information> | 6291 |
| <igmp-snooping-group-information-per-bridge-domain> | 6291 |
| <igmp-snooping-group-information-per-bridge-domain> | 6291 |
| <igmp-snooping-group-information-per-bridge-domain> | 6292 |
| <igmp-snooping-group-information-per-instance> | 6292 |
| <igmp-snooping-group-information-per-instance> | 6292 |
| <igmp-snooping-group-information-per-learning-domain> | 6293 |
| <igmp-snooping-group-information-per-learning-domain> | 6293 |
| <igmp-snooping-group-information-per-learning-domain> | 6293 |
| <igmp-snooping-group-information-per-learning-domain> | 6293 |

| | |
|---|------|
| <igmp-snooping-group-information-root> | 6294 |
| <igmp-snooping-host-information-per-bridge-domain> | 6294 |
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| <igmp-snooping-host-information-per-bridge-domain> | 6295 |
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| <igmp-snooping-host-information-per-learning-domain> | 6296 |
| <igmp-snooping-host-information-root> | 6297 |
| <igmp-snooping-interface-information-per-bridge-domain> | 6297 |
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| <igmp-snooping-interface-information-per-bridge-domain> | 6298 |
| <igmp-snooping-interface-information-per-instance> | 6298 |
| <igmp-snooping-interface-information-per-instance> | 6298 |
| <igmp-snooping-interface-information-per-learning-domain> | 6299 |
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| <igmp-snooping-interface-information-per-learning-domain> | 6299 |
| <igmp-snooping-interface-information-root> | 6300 |
| <igmp-statistics-information> | 6300 |
| <mc-stats-interface> | 6300 |
| <mgm-amt-configured-parameters> | 6301 |
| <mgm-amt-configured-parameters> | 6302 |
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| | |
|-------------------------------------|------|
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| <mgm-interface-groups> | 6331 |
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| | |
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| <mgm-snooping-statistics-information> | 6347 |
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| | |
|---|------|
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| <mld-group-information> | 6363 |
| <mld-hosts-information> | 6363 |
| <mld-interface-information> | 6364 |
| <mld-output-group-information> | 6364 |
| <mld-statistics-information> | 6364 |
| <multicast-backup-pe-address-information> | 6364 |
| <multicast-backup-pe-group> | 6365 |
| <multicast-backup-pe-group-list> | 6365 |
| <multicast-backup-pe-group-member> | 6365 |
| <multicast-backup-pe-groups> | 6366 |
| <multicast-backup-pe-groups-information> | 6366 |
| <multicast-flow-map> | 6366 |
| <multicast-flow-maps> | 6367 |
| <multicast-flow-maps-information> | 6367 |
| <multicast-group> | 6367 |
| <multicast-group-source> | 6368 |
| <multicast-interface> | 6368 |
| <multicast-interface-information> | 6369 |
| <multicast-next-hops-information> | 6369 |
| <multicast-pim-to-igmp-proxy> | 6369 |
| <multicast-pim-to-igmp-proxy-information> | 6370 |
| <multicast-pim-to-mld-proxy> | 6370 |
| <multicast-pim-to-mld-proxy-information> | 6370 |
| <multicast-route> | 6370 |
| <multicast-route-information> | 6372 |
| <multicast-route-source> | 6372 |

| | |
|---|------|
| <multicast-rpf-information> | 6372 |
| <multicast-scope> | 6372 |
| <multicast-scope-information> | 6373 |
| <multicast-scope-policy-interface> | 6373 |
| <multicast-scope-policy-interfaces> | 6374 |
| <multicast-session> | 6374 |
| <multicast-sessions-information> | 6375 |
| <multicast-source> | 6375 |
| <multicast-source-group> | 6376 |
| <multicast-statistics> | 6376 |
| <multicast-statistics-information> | 6377 |
| <multicast-tunnel> | 6377 |
| <multicast-tunnels-information> | 6377 |
| <multicast-usage-information> | 6378 |
| <next-hop-downstream-interface> | 6378 |
| <next-hops-family> | 6378 |
| <proxy-upstream-interface> | 6379 |
| <proxy-upstream-interface> | 6379 |
| <proxy-upstream-interface> | 6379 |
| <redundant-sources> | 6379 |
| <reverse-oif> | 6380 |
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| <reverse-oif> | 6382 |
| <route-family> | 6383 |
| <rpf-family> | 6383 |
| <rpf-route> | 6383 |
| <session-connection-data> | 6384 |
| <session-origin> | 6384 |

Chapter 15

Operational Response Tag Elements Specific to EX Series and QFX Series

6385

| | |
|--|------|
| Summary of Connectivity Fault Management Response Tags | 6385 |
| <cfm-adjacency-entry> | 6385 |
| <cfm-adjacency-information> | 6386 |
| <cfm-counters-route-socket-operations> | 6386 |
| <cfm-counters-route-socket-received> | 6386 |
| <cfm-cross-connect-session> | 6386 |
| <cfm-cross-connect-session> | 6387 |
| <cfm-cross-connect-session> | 6388 |
| <cfm-cross-connect-session> | 6389 |
| <cfm-cross-connect-session> | 6389 |
| <cfm-cross-connect-sessions> | 6390 |
| <cfm-cross-connect-sessions> | 6390 |
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| <cfm-cross-connect-sessions> | 6391 |

| | |
|---|------|
| <cfm-cross-connect-sessions> | 6391 |
| <cfm-delay-statistics> | 6392 |
| <cfm-dfwd-pending-transactions> | 6392 |
| <cfm-dfwd-transaction> | 6392 |
| <cfm-entry> | 6392 |
| <cfm-entry> | 6393 |
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| <cfm-entry> | 6394 |
| <cfm-entry> | 6394 |
| <cfm-error-session> | 6395 |
| <cfm-error-session> | 6396 |
| <cfm-error-session> | 6397 |
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| <cfm-error-sessions> | 6399 |
| <cfm-error-sessions> | 6399 |
| <cfm-error-sessions> | 6399 |
| <cfm-error-sessions> | 6400 |
| <cfm-error-sessions> | 6400 |
| <cfm-ethdm-delay-entry> | 6400 |
| <cfm-ethdm-delay-entry> | 6401 |
| <cfm-ethdm-delay-entry> | 6401 |
| <cfm-ethdm-delay-entry> | 6401 |
| <cfm-ethdm-delay-entry> | 6402 |
| <cfm-ethdm-oneway-delay-summary> | 6402 |
| <cfm-ethdm-oneway-delay-summary> | 6403 |
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| <cfm-ethdm-oneway-delay-summary> | 6403 |
| <cfm-ethdm-oneway-delay-summary> | 6404 |
| <cfm-ethdm-twoway-delay-summary> | 6404 |
| <cfm-ethdm-twoway-delay-summary> | 6405 |
| <cfm-ethdm-twoway-delay-summary> | 6405 |
| <cfm-ethdm-twoway-delay-summary> | 6406 |
| <cfm-ethdm-twoway-delay-summary> | 6406 |
| <cfm-filter> | 6407 |
| <cfm-filter> | 6407 |
| <cfm-filter> | 6407 |
| <cfm-filter-term> | 6408 |
| <cfm-filter-term> | 6408 |
| <cfm-filter-term> | 6409 |
| <cfm-firewall-filter-instance-information> | 6409 |
| <cfm-firewall-filter-interface-information> | 6410 |
| <cfm-flood-instance-information> | 6410 |
| <cfm-flood-interface-information> | 6410 |
| <cfm-flood-maintenance-domain-level> | 6411 |
| <cfm-flood-maintenance-domain-level> | 6411 |
| <cfm-flood-maintenance-domain-level> | 6411 |
| <cfm-flood-nexthop-components> | 6412 |
| <cfm-flood-nexthop-components> | 6412 |

| | |
|--|------|
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| <cfm-flood-nexthop-components> | 6416 |
| <cfm-instance-mip-information> | 6417 |
| <cfm-instance-mip-information> | 6417 |
| <cfm-interface> | 6417 |
| <cfm-interface-continuity-check> | 6418 |
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| <cfm-interface-local-mep-defects> | 6422 |
| <cfm-interface-local-mep-defects> | 6423 |
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| <cfm-interface-local-mep-statistics> | 6432 |
| <cfm-interface-local-mep-statistics> | 6433 |
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| <cfm-interface-mip-information> | 6437 |
| <cfm-interface-mip-information> | 6437 |
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| <cfm-interface-remote-meps> | 6439 |

| | |
|---|------|
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| <cfm-interface-snapshot> | 6446 |
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| <cfm-local-mep-packet-statistics> | 6454 |
| <cfm-local-mep-packet-statistics> | 6455 |
| <cfm-local-mep-packet-statistics> | 6457 |
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| <cfm-local-mep-statistics> | 6461 |
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| <cfm-local-mep-statistics> | 6465 |
| <cfm-ltm-request-snapshot> | 6467 |
| <cfm-ltm-request-snapshot> | 6467 |
| <cfm-ltr-reply-entry> | 6468 |
| <cfm-ltr-reply-entry> | 6468 |
| <cfm-mep-database> | 6469 |
| <cfm-mep-database-continuity-check> | 6469 |
| <cfm-mep-database-continuity-check> | 6469 |
| <cfm-mep-database-continuity-check> | 6470 |

| | |
|--|------|
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| <cfm-mep-database-session> | 6473 |
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| <cfm-mep-database-session> | 6474 |
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| <cfm-mep-statistics> | 6475 |
| <cfm-mep-statistics-mep-summary> | 6475 |
| <cfm-mep-statistics-mep-summary> | 6476 |
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| <cfm-mep-statistics-mep-summary> | 6476 |
| <cfm-mep-statistics-mep-summary> | 6477 |
| <cfm-mip-information> | 6477 |
| <cfm-nexthop-information> | 6477 |
| <cfm-remote-mep> | 6478 |
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| <cfm-remote-mep> | 6480 |
| <cfm-remote-mep> | 6480 |
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| <cfm-remote-mep-brief-summary> | 6489 |
| <cfm-remote-mep-brief-summary> | 6489 |
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| <cfm-remote-mep-brief-summary> | 6490 |
| <cfm-remote-mep-brief-summary> | 6490 |
| <cfm-remote-meps> | 6491 |
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| <cfm-remote-meps> | 6491 |
| <cfm-remote-meps> | 6491 |
| <cfm-remote-meps> | 6492 |
| <cfm-route-information> | 6492 |
| <cfm-route-maintenance-domain-level> | 6493 |
| <cfm-route-maintenance-domain-level> | 6493 |
| <cfm-route-socket-message-counters> | 6494 |

| | |
|--|------|
| <cfm-route-socket-message-counters> | 6494 |
| <cfm-route-socket-message-counters> | 6494 |
| <cfm-route-table> | 6495 |
| <cfm-route-table-entry> | 6495 |
| <cfm-transmit-interface-information> | 6495 |
| <cfmd-internal-state> | 6496 |
| Summary of Chassis Response Tags | 6497 |
| <ac-input-detail> | 6497 |
| <airflow-direction> | 6497 |
| <chassis> | 6498 |
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| <chassis-location> | 6501 |
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| <chassis-location-fpc-information> | 6501 |
| <chassis-location-fpc-information> | 6502 |
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| <chassis-location-information> | 6504 |
| <chassis-mac-information> | 6504 |
| <chassis-module> | 6505 |
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| | |
|--|------|
| <chassis-sub-sub-sub-module> | 6522 |
| <chassis-sub-sub-sub-module> | 6523 |
| <chassis-zones-information> | 6523 |
| <chassisd-database-memory-usage> | 6524 |
| <chassisd-database-memory-usage> | 6524 |
| <clock-synchronization> | 6525 |
| <clock-synchronization-information> | 6525 |
| <configured-source> | 6526 |
| <configured-source-list> | 6526 |
| <controller-information> | 6526 |
| <cooled-frus> | 6527 |
| <cooling-frus> | 6527 |
| <current-source> | 6527 |
| <database-memory-usage> | 6528 |
| <database-memory-usage> | 6528 |
| <database-memory-usage> | 6529 |
| <dc-detail> | 6529 |
| <dc-detail2> | 6530 |
| <dc-information> | 6530 |
| <dc-input-detail> | 6531 |
| <dc-output-detail> | 6531 |
| <display-panel> | 6532 |
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| <environment-component-information> | 6532 |
| <environment-component-item> | 6532 |
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| <fan-information> | 6535 |
| <fan-information-item> | 6535 |
| <feb-led> | 6535 |
| <feb-led-information> | 6536 |
| <feb-redundancy-error-information> | 6536 |
| <feb-redundancy-group-errors> | 6537 |
| <feb-redundancy-group-feb-errors> | 6537 |
| <feb-redundancy-group-feb-fabric-plane-errors> | 6537 |
| <feb-redundancy-group-feb-fpc-errors> | 6538 |
| <feb-redundancy-group-information> | 6538 |
| <feb-redundancy-group-information-item> | 6539 |
| <feb-redundancy-information> | 6539 |
| <firmware> | 6539 |
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| <firmware> | 6543 |
| <firmware-information> | 6543 |
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| <firmware-version-information> | 6544 |
| <firmware-version-mismatch> | 6544 |
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| <firmware-version-mismatch> | 6545 |
| <fm-first-error-ln> | 6545 |
| <fm-fpc-ln> | 6545 |
| <fm-fpc-ln> | 6546 |
| <fm-fpc-state-information> | 6546 |
| <fm-fpc-state-information> | 6546 |
| <fm-fru-errors> | 6546 |
| <fm-last-error-ln> | 6547 |
| <fm-pfe-ln> | 6547 |
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| <fm-plane-ln> | 6548 |
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| <fm-plane-location> | 6549 |
| <fm-plane-location-information> | 6549 |
| <fm-plane-state-information> | 6549 |
| <fm-sib-ln> | 6549 |
| <fm-sib-ln> | 6550 |
| <fm-sib-state-information> | 6550 |
| <fm-sib-state-information> | 6550 |
| <fm-state-information> | 6551 |
| <fm-state-item> | 6551 |
| <fm-topo-link> | 6551 |
| <fm-topo-link> | 6552 |
| <fm-topo-link-des> | 6552 |
| <fm-topo-link-des> | 6553 |
| <fm-topo-link-details> | 6553 |
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| <fm-topo-link-details-head-lcc> | 6559 |
| <fm-topo-link-details-head-lcc> | 6559 |
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| | |
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| <fm-topo-link-details-sfc> | 6567 |
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| <fm-topo-link-details-sfc> | 6569 |
| <fm-topo-link-details-sfc> | 6570 |
| <fm-topo-link-fail> | 6570 |
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| <fm-topo-link-fail-sgl> | 6571 |
| <fm-topo-link-fail-sgl> | 6571 |
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| <fm-topo-link-information> | 6574 |
| <fm-topo-link-information> | 6575 |
| <fm-topo-link-information-sgl> | 6575 |
| <fm-topo-link-information-sgl> | 6575 |
| <fm-topo-link-src> | 6576 |
| <fm-topo-link-src> | 6576 |
| <fm-topo-link-src-des> | 6576 |
| <fm-topo-link-src-des> | 6577 |
| <fm-topology> | 6577 |
| <fm-topology> | 6577 |
| <fmp-plane> | 6578 |
| <fms-fpc-ln> | 6579 |
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| <fms-sib-ln> | 6582 |
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| <fpc-feb-connectivity-item> | 6588 |

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|--|------|
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| <fpc-mac-information> | 6590 |
| <fpga-registers> | 6590 |
| <fpga-revision-detail> | 6590 |
| <front-panel> | 6591 |
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| <front-panel-title> | 6591 |
| <front-panel-title> | 6592 |
| <fru> | 6592 |
| <fru-information> | 6592 |
| <fru-power-on-sequence> | 6592 |
| <get-craft-information> | 6593 |
| <hchasd> | 6593 |
| <hchasd-information> | 6595 |
| <i2c-information> | 6596 |
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| <i2c-information> | 6608 |
| <in-service-upgrade-fru-status> | 6609 |
| <in-service-upgrade-pic-status> | 6610 |
| <in-service-upgrade-status> | 6610 |
| <initial-setup-status-information> | 6610 |
| <input-voltage> | 6610 |
| <interface-information> | 6611 |
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| <interface-information-detail> | 6612 |
| <interface-information-detail> | 6614 |
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| <ioc-npc-connectivity-item> | 6616 |
| <lcc> | 6617 |
| <lcc-information> | 6617 |
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| <marked-as-failed-source-list> | 6618 |
| <multi-routing-engine-item> | 6618 |

| | |
|--------------------------------------|------|
| <multi-routing-engine-results> | 6619 |
| <network-services> | 6619 |
| <network-services-information> | 6619 |
| <notification-information> | 6619 |
| <output-detail> | 6620 |
| <pcg-frequency> | 6620 |
| <pem-capacity-detail> | 6620 |
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| <power-budget-information> | 6630 |
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| <power-management-information> | 6633 |
| <power-title> | 6633 |
| <power-usage-information> | 6633 |
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| <power-usage-zone-information> | 6634 |
| <psd> | 6635 |
| <psd-information> | 6636 |
| <read-register> | 6636 |
| <revision> | 6636 |
| <route-engine> | 6636 |
| <route-engine> | 6639 |
| <route-engine-information> | 6641 |
| <route-engine-information> | 6641 |
| <rps-chassis-information> | 6641 |
| <rps-led-information> | 6642 |
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| <rps-member-list> | 6644 |
| <rps-port-led-status> | 6644 |
| <rps-port-led-status> | 6645 |

| | |
|---|------|
| <rps-port-led-status> | 6645 |
| <rps-port-led-status> | 6645 |
| <rps-power-supply-information> | 6646 |
| <rps-psu-information> | 6646 |
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| <rps-psu-information> | 6647 |
| <rps-status-information> | 6648 |
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| <rps-version-information> | 6650 |
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| <sib-information> | 6655 |
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| <slave-registers> | 6656 |
| <slave-registers-information> | 6656 |
| <spmb> | 6656 |
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| <spmb-information> | 6658 |
| <spmb-information> | 6658 |
| <synchronization-source-list> | 6658 |
| <system-firmware> | 6658 |
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| <system-firmware-compatibility> | 6660 |
| <system-firmware-compatibility> | 6661 |
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| <system-sub-module-firmware-compatibility> | 6666 |
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| <system-sub-module-firmware-compatibility-list> | 6668 |

| | |
|---|------|
| <system-sub-module-firmware-compatibility-list> | 6668 |
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| <system-sub-module-firmware-list> | 6669 |
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| <system-sub-module-firmware-list> | 6669 |
| <tdr> | 6670 |
| <telemetries-information> | 6670 |
| <temperature-reading> | 6670 |
| <temperature-threshold> | 6671 |
| <temperature-threshold-information> | 6671 |
| <temperature-threshold-information-item> | 6672 |
| <vcpu> | 6672 |
| <vcpu-information> | 6672 |
| <voltage> | 6673 |
| <write-register> | 6673 |
| <xf-read-register> | 6673 |
| <xf-show-summary> | 6674 |
| <xf-write-register> | 6674 |
| Summary of 802.1X Process Response Tags | 6674 |
| <authentication-whitelist-information> | 6674 |
| <authentication-whitelist-mac> | 6675 |
| <authentication-whitelist-mac-bypassed-users> | 6675 |
| <cp-interface> | 6675 |
| <cp-interface-information> | 6676 |
| <cp-supPLICANT> | 6676 |
| <cp-supPLICANT-list> | 6677 |
| <dot1x-authentication-failed-users> | 6677 |
| <dot1x-firewall-interface> | 6678 |
| <dot1x-interface-information> | 6678 |
| <dot1x-interface-statistics> | 6678 |
| <dot1x-static-mac-address> | 6679 |
| <dot1x-staticmac-bypassed-users> | 6680 |
| <interface> | 6680 |
| <supPLICANT> | 6681 |
| <supPLICANT-list> | 6682 |
| <task> | 6682 |
| <task-block> | 6683 |
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| <task-lite-page> | 6685 |
| <task-lite-page> | 6685 |
| <task-lite-page-list> | 6686 |
| <task-lite-page-list> | 6686 |
| <task-malloc> | 6686 |
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| <task-malloc-list> | 6687 |
| <task-malloc-list> | 6687 |
| <task-memory-allocator-report> | 6688 |

| | |
|---|------|
| <task-memory-information> | 6688 |
| <task-memory-malloc-usage-report> | 6689 |
| <task-memory-overall-report> | 6689 |
| <task-memory-stats> | 6690 |
| <task-memory-stats> | 6690 |
| <task-memory-stats-list> | 6691 |
| <task-replication-state> | 6691 |
| <task-size-block> | 6691 |
| <task-size-block> | 6692 |
| <task-size-block-list> | 6693 |
| <task-size-block-list> | 6693 |
| <task-timer> | 6693 |
| <task-timer> | 6694 |
| <task-timer-information> | 6694 |
| <tracing-information> | 6694 |
| Summary of ESW Response Tags | 6695 |
| <age-statistics> | 6695 |
| <age-statistics> | 6695 |
| <analyzer> | 6696 |
| <analyzer-egress-interface-list> | 6696 |
| <analyzer-egress-interface-list> | 6696 |
| <analyzer-egress-vlan-list> | 6697 |
| <analyzer-egress-vlan-list> | 6697 |
| <analyzer-information> | 6697 |
| <analyzer-ingress-interface-list> | 6698 |
| <analyzer-ingress-interface-list> | 6698 |
| <analyzer-ingress-vlan-list> | 6698 |
| <analyzer-ingress-vlan-list> | 6698 |
| <analyzer-monitor> | 6699 |
| <analyzer-monitor> | 6699 |
| <arp-inspection> | 6699 |
| <arp-inspection-statistics> | 6699 |
| <arp-inspection-statistics-entry> | 6700 |
| <cist-bridge-parameters> | 6700 |
| <cist-bridge-parameters> | 6701 |
| <customer-vlan-range> | 6703 |
| <customer-vlan-range> | 6703 |
| <customer-vlan-range> | 6703 |
| <customer-vlan-range-list> | 6704 |
| <customer-vlan-range-list> | 6704 |
| <customer-vlan-range-list> | 6704 |
| <dhcp-snooping> | 6704 |
| <dhcp-snooping-information> | 6705 |
| <dhcp-snooping-statistics> | 6705 |
| <ethernet-switching-aging-stats> | 6706 |
| <ethernet-switching-learning-stats> | 6706 |
| <ethernet-switching-learning-stats> | 6706 |
| <ethernet-switching-mac-notification-information> | 6707 |
| <ethernet-switching-next-hop-information> | 6707 |

| | |
|--|------|
| <ethernet-switching-next-hops> | 6707 |
| <ethernet-switching-next-hops> | 6708 |
| <ethernet-switching-stats-information> | 6709 |
| <ethernet-switching-table> | 6709 |
| <ethernet-switching-table> | 6710 |
| <ethernet-switching-table-information> | 6710 |
| <fdb-log-entry> | 6710 |
| <fdb-log-entry> | 6711 |
| <fdb-log-info> | 6711 |
| <fip-snooping-enode-entry> | 6711 |
| <fip-snooping-enode-entry> | 6711 |
| <fip-snooping-enode-entry> | 6712 |
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| <fip-snooping-enode-entry> | 6714 |
| <fip-snooping-enode-information> | 6715 |
| <fip-snooping-fcdsession-entry> | 6715 |
| <fip-snooping-fcdsession-entry> | 6715 |
| <fip-snooping-fcdsession-entry> | 6715 |
| <fip-snooping-fcdstate-information> | 6716 |
| <fip-snooping-fcdvlan-entry> | 6716 |
| <fip-snooping-fcdvlan-entry> | 6716 |
| <fip-snooping-fcf-entry> | 6717 |
| <fip-snooping-fcf-entry> | 6717 |
| <fip-snooping-fcf-entry> | 6718 |
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| <fip-snooping-fcf-entry> | 6719 |
| <fip-snooping-fcf-information> | 6719 |
| <fip-snooping-information> | 6719 |
| <fip-snooping-session-entry> | 6720 |
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| <fip-snooping-session-entry> | 6722 |
| <fip-snooping-statistics> | 6723 |
| <fip-snooping-vlan-entry> | 6723 |
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| <fip-snooping-vlan-statistics> | 6724 |
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| <fip-snooping-vlan-statistics> | 6726 |
| <fip-snooping-vlan-statistics> | 6727 |
| <fip-snooping-vlandiscovery-enode> | 6728 |
| <fip-snooping-vlandiscovery-enode> | 6729 |
| <fip-snooping-vlandiscovery-enodes> | 6729 |

| | |
|---|------|
| <fip-snooping-vlandiscovery-interface> | 6730 |
| <fip-snooping-vlandiscovery-interface> | 6730 |
| <fip-snooping-vlandiscovery-interfaces> | 6730 |
| <fip-snooping-vlandiscovery-statistics> | 6731 |
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| <fip-snooping-vlandiscovery-statistics-information> | 6731 |
| <gvrp> | 6731 |
| <gvrp-information> | 6732 |
| <gvrp-interface-information> | 6732 |
| <gvrp-statistics> | 6733 |
| <gvrp-timers> | 6733 |
| <interface> | 6734 |
| <interface> | 6734 |
| <interface-vlan-member> | 6735 |
| <interface-vlan-member> | 6736 |
| <interface-vlan-member-list> | 6737 |
| <interface-vlan-member-list> | 6737 |
| <ip-source-guard> | 6737 |
| <ip-source-guard-information> | 6738 |
| <l3-nexthop> | 6738 |
| <l3-nexthop> | 6738 |
| <l3-nexthop-information> | 6739 |
| <layer2-protocol-tunneling-interface-entry> | 6739 |
| <layer2-protocol-tunneling-interface-information> | 6739 |
| <layer2-protocol-tunneling-statistics-entry> | 6740 |
| <layer2-protocol-tunneling-statistics-information> | 6740 |
| <layer2-protocol-tunneling-vlan-entry> | 6740 |
| <layer2-protocol-tunneling-vlan-information> | 6741 |
| <mac-based-vlan-member-list> | 6741 |
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| <mac-interfaces-list> | 6742 |
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| <mac-statistics> | 6743 |
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| <mac-statistics> | 6745 |
| <mac-table-entry> | 6746 |
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| <mac-table-entry> | 6749 |
| <msti-bridge-parameters> | 6750 |
| <msti-bridge-parameters> | 6751 |
| <msti-regional-root-bridge> | 6752 |
| <msti-regional-root-bridge> | 6753 |
| <mstp-configuration> | 6753 |
| <mvrp> | 6754 |
| <mvrp-dynamic-vlan-information> | 6754 |
| <mvrp-dynamic-vmember-information> | 6754 |

| | |
|--|------|
| <mvrp-dynamic-vmembers> | 6754 |
| <mvrp-information> | 6755 |
| <mvrp-interface-information> | 6755 |
| <mvrp-intf-timers> | 6755 |
| <mvrp-statistics> | 6756 |
| <mvrp-vlans> | 6757 |
| <nh-detail-interface-list> | 6757 |
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| <nh-interface-list> | 6760 |
| <policy-vlan-member-list> | 6760 |
| <policy-vlan-member-list> | 6760 |
| <policy-vlan-member-list> | 6761 |
| <private-vlan-community-list> | 6761 |
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| <private-vlan-isolated-list> | 6762 |
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| <private-vlan-secondary-list> | 6763 |
| <private-vlan-secondary-list> | 6763 |
| <private-vlan-secondary-list> | 6763 |
| <push-vlan-member-list> | 6763 |
| <push-vlan-member-list> | 6764 |
| <push-vlan-member-list> | 6764 |
| <regional-root-bridge> | 6764 |
| <regional-root-bridge> | 6765 |
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| <root-bridge> | 6766 |
| <rtg> | 6766 |
| <rtg-information> | 6766 |
| <rtg-information-pergrp> | 6767 |
| <rtg-information-pergrp-err> | 6768 |
| <stp-bridge> | 6768 |
| <stp-context-statistics-information> | 6769 |
| <stp-instance> | 6769 |
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| <stp-interface-entry> | 6770 |
| <stp-interface-information> | 6771 |
| <stp-interface-statistics> | 6772 |
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| <stp-interface-statistics-entry> | 6772 |

| | |
|---|------|
| <stp-interface-statistics-entry> | 6773 |
| <stp-interface-statistics-entry> | 6773 |
| <stp-interfaces> | 6774 |
| <stp-kernel-table> | 6774 |
| <stp-kernel-table-entry> | 6774 |
| <stp-vlan-interface-statistics> | 6775 |
| <swap-vlan-member-list> | 6775 |
| <swap-vlan-member-list> | 6775 |
| <swap-vlan-member-list> | 6775 |
| <switching-interface-information> | 6776 |
| <tagged-vlan-member-list> | 6776 |
| <tagged-vlan-member-list> | 6776 |
| <tagged-vlan-member-list> | 6776 |
| <task> | 6777 |
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| <task-block> | 6778 |
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| <task-lite-page-list> | 6780 |
| <task-lite-page-list> | 6780 |
| <task-malloc> | 6780 |
| <task-malloc> | 6781 |
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| <task-memory-allocator-report> | 6782 |
| <task-memory-information> | 6782 |
| <task-memory-malloc-usage-report> | 6783 |
| <task-memory-overall-report> | 6783 |
| <task-memory-stats> | 6784 |
| <task-memory-stats> | 6784 |
| <task-memory-stats-list> | 6785 |
| <task-replication-state> | 6785 |
| <task-size-block> | 6786 |
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| <task-size-block-list> | 6787 |
| <task-size-block-list> | 6787 |
| <task-timer> | 6787 |
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| <task-timer-information> | 6788 |
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| <this-bridge> | 6790 |
| <time-since-last-tc> | 6791 |
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| | |
|---|------|
| <tracing-information> | 6791 |
| <untagged-vlan-member-list> | 6791 |
| <untagged-vlan-member-list> | 6792 |
| <untagged-vlan-member-list> | 6792 |
| <vlan> | 6792 |
| <vlan> | 6794 |
| <vlan-detail> | 6795 |
| <vlan-detail> | 6796 |
| <vlan-information> | 6798 |
| <vlan-map> | 6798 |
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| <vlan-mapping-list> | 6798 |
| <vlan-mapping-list> | 6799 |
| <vlan-mapping-list> | 6799 |
| <vlan-mapping-rule> | 6799 |
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| <vlan-mapping-rule> | 6800 |
| <vlan-mapping-summary> | 6800 |
| <vlan-mapping-summary> | 6801 |
| <vlan-mapping-summary> | 6801 |
| <vlan-member> | 6802 |
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| <vlan-member-list> | 6804 |
| <vlan-member-list> | 6804 |
| <vlan-member-list> | 6804 |
| <vlan-summary> | 6805 |
| <vst-bridge-parameters> | 6806 |
| <vst-bridge-parameters> | 6807 |
| <vstp-interface-statistics> | 6808 |
| <vstp-statistics> | 6808 |
| <vstp-statistics> | 6809 |
| Summary of Layer 2 Control Protocol Response Tags | 6809 |
| <cist-bridge-parameters> | 6809 |
| <cist-bridge-parameters> | 6810 |
| <dot1x-authentication-failed-users> | 6812 |
| <dot1x-interface-information> | 6812 |
| <dot1x-static-mac-address> | 6812 |
| <erp-data-channel-entry> | 6813 |
| <erp-data-channel-entry> | 6813 |
| <erp-data-channel-information> | 6813 |
| <erp-data-channel-interfaces> | 6814 |
| <erp-data-channels> | 6814 |
| <erp-ifbd-entries> | 6814 |
| <erp-ifbd-entry> | 6814 |
| <erp-ifbd-entry> | 6815 |
| <erp-ifbd-information> | 6815 |
| <erp-ifbds> | 6815 |
| <erp-interface-entry> | 6816 |

| | |
|---|------|
| <erp-interface-entry> | 6816 |
| <erp-interface-information> | 6817 |
| <erp-interfaces> | 6817 |
| <erp-raps> | 6817 |
| <erp-raps-entry> | 6817 |
| <erp-raps-entry> | 6818 |
| <erp-raps-information> | 6819 |
| <erp-rpdu-entry> | 6819 |
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| <erp-rpdu-information> | 6820 |
| <erp-rpdus> | 6820 |
| <ethernet-ring-pg> | 6820 |
| <ethernet-ring-statistics> | 6821 |
| <interface> | 6821 |
| <l2pt-interface-entry> | 6822 |
| <l2pt-interface-list> | 6823 |
| <mmrp-applicant-entry> | 6823 |
| <mmrp-applicant-entry> | 6823 |
| <mmrp-applicant-entry-information> | 6824 |
| <mmrp-applicant-information> | 6824 |
| <mmrp-applicant-mmrp-instance> | 6824 |
| <mmrp-interface-entry> | 6824 |
| <mmrp-interface-entry> | 6825 |
| <mmrp-interface-entry-information> | 6825 |
| <mmrp-interface-information> | 6825 |
| <mmrp-interface-mmrp-instance> | 6826 |
| <mmrp-maclist-entry> | 6826 |
| <mmrp-maclist-entry> | 6826 |
| <mmrp-maclist-entry-information> | 6827 |
| <mmrp-maclist-information> | 6827 |
| <mmrp-maclist-mmrp-instance> | 6827 |
| <mmrp-mactable-entry> | 6827 |
| <mmrp-mactable-entry> | 6828 |
| <mmrp-mactable-entry-information> | 6828 |
| <mmrp-mactable-information> | 6828 |
| <mmrp-mactable-interface> | 6829 |
| <mmrp-mactable-interface> | 6829 |
| <mmrp-mactable-mmrp-instance> | 6829 |
| <mmrp-registration-entry> | 6830 |
| <mmrp-registration-entry> | 6830 |
| <mmrp-registration-entry-information> | 6831 |
| <mmrp-registration-information> | 6831 |
| <mmrp-registration-mmrp-instance> | 6831 |
| <mmrp-statistics-entry> | 6832 |
| <mmrp-statistics-entry> | 6832 |
| <mmrp-statistics-entry-information> | 6833 |
| <mmrp-statistics-information> | 6833 |
| <mmrp-statistics-mmrp-instance> | 6833 |
| <msti-bridge-parameters> | 6833 |

| | |
|--|------|
| <msti-bridge-parameters> | 6834 |
| <msti-regional-root-bridge> | 6835 |
| <msti-regional-root-bridge> | 6836 |
| <mstp-configuration> | 6836 |
| <mvrp> | 6836 |
| <mvrp-dynamic-vlan-information> | 6837 |
| <mvrp-dynamic-vmember-information> | 6837 |
| <mvrp-dynamic-vmembers> | 6837 |
| <mvrp-information> | 6837 |
| <mvrp-interface-information> | 6838 |
| <mvrp-intf-timers> | 6838 |
| <mvrp-statistics> | 6839 |
| <mvrp-vlans> | 6840 |
| <regional-root-bridge> | 6840 |
| <regional-root-bridge> | 6840 |
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| <stp-bridge> | 6842 |
| <stp-context-statistics-information> | 6843 |
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| <stp-interface-information> | 6845 |
| <stp-interface-statistics> | 6845 |
| <stp-interface-statistics-entry> | 6846 |
| <stp-interface-statistics-entry> | 6846 |
| <stp-interface-statistics-entry> | 6846 |
| <stp-interfaces> | 6847 |
| <stp-kernel-table> | 6847 |
| <stp-kernel-table-entry> | 6847 |
| <task> | 6848 |
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| <task-block> | 6849 |
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| <task-lite-page> | 6851 |
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| <task-lite-page-list> | 6852 |
| <task-lite-page-list> | 6852 |
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| <task-memory-allocator-report> | 6854 |
| <task-memory-information> | 6854 |

| | |
|---|------|
| <task-memory-malloc-usage-report> | 6855 |
| <task-memory-overall-report> | 6855 |
| <task-memory-stats> | 6856 |
| <task-memory-stats> | 6856 |
| <task-memory-stats-list> | 6857 |
| <task-replication-state> | 6857 |
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| <task-size-block-list> | 6859 |
| <task-size-block-list> | 6859 |
| <task-timer> | 6859 |
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| <task-timer-information> | 6861 |
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| <this-bridge> | 6863 |
| <this-bridge> | 6863 |
| <vlan-map> | 6863 |
| <vlan-map-entry> | 6863 |
| <vst-bridge-parameters> | 6864 |
| <vst-bridge-parameters> | 6865 |
| <vstp-interface-statistics> | 6866 |
| <vstp-statistics> | 6866 |
| <vstp-statistics> | 6867 |
| Summary of sFLOW Response Tags | 6867 |
| <sflow> | 6867 |
| <sflow-collector> | 6867 |
| <sflow-information> | 6868 |
| <sflow-interface> | 6868 |
| Summary of VCCP Response Tags | 6869 |
| <backup-info-tlv> | 6869 |
| <backup-info-tlv> | 6869 |
| <backup-info-tlv> | 6869 |
| <backup-info-tlv> | 6870 |
| <chassis-pic-mode-information> | 6870 |
| <destination-reachability> | 6870 |
| <device> | 6871 |
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| <device-info> | 6872 |
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| | |
|--|------|
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| <device-information> | 6875 |
| <device-information> | 6875 |
| <device-information> | 6876 |
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| <device-information> | 6876 |
| <device-information> | 6877 |
| <device-information> | 6877 |
| <device-list> | 6877 |
| <fragment-sequence-number-list> | 6878 |
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| <interface-level-data> | 6879 |
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| <iri-tlv> | 6880 |
| <iri-tlv> | 6881 |
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| <master-info-tlv> | 6882 |
| <master-info-tlv> | 6882 |
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| <member> | 6883 |
| <member-info-tlv> | 6884 |
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| <member-list> | 6885 |
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| <neighbor> | 6886 |
| <neighbor-list> | 6887 |
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| <neighbor-list> | 6887 |
| <next-member-information> | 6888 |
| <node-info-tlv> | 6888 |
| <node-info-tlv> | 6888 |
| <node-info-tlv> | 6889 |
| <node-info-tlv> | 6889 |
| <packet-path-information> | 6890 |
| <port-information> | 6890 |
| <port-list> | 6891 |
| <preprovisioned-virtual-chassis-information> | 6891 |
| <provision-tlv> | 6891 |
| <provision-tlv> | 6892 |
| <provision-tlv> | 6892 |

| | |
|---|------|
| <provision-tlv> | 6892 |
| <reachability-tlv> | 6893 |
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| <reachability-tlv> | 6894 |
| <stable-state-tlv> | 6895 |
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| <stable-state-tlv> | 6896 |
| <statistics> | 6896 |
| <statistics-port-list> | 6898 |
| <task> | 6898 |
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| <task-malloc> | 6902 |
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| <task-memory-allocator-report> | 6903 |
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| <task-memory-malloc-usage-report> | 6905 |
| <task-memory-overall-report> | 6905 |
| <task-memory-stats> | 6905 |
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| <task-memory-stats-list> | 6907 |
| <task-replication-state> | 6907 |
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| <task-timer-information> | 6910 |
| <tlv-stragglers> | 6910 |
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| <tlv-stragglers> | 6911 |
| <topology-tlv> | 6911 |
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| <totals-information> | 6913 |
| <totals-information> | 6913 |

| | |
|-----------------------------|------|
| <tracing-information> | 6913 |
| <transmission-status> | 6914 |
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| <transmission-status> | 6915 |
| <unknown-tlv> | 6915 |
| <unknown-tlv> | 6916 |
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| <vccp-adjacency> | 6917 |
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| <vccp-adjacency-log> | 6918 |
| <vccp-adjacency-log> | 6918 |
| <vccp-database> | 6919 |
| <vccp-database> | 6919 |
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| <vccp-header> | 6921 |
| <vccp-header> | 6922 |
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| <vccp-interface> | 6924 |
| <vccp-interface> | 6925 |
| <vccp-isis-neighbor> | 6925 |
| <vccp-isis-neighbor> | 6926 |
| <vccp-isis-neighbor> | 6926 |
| <vccp-isis-neighbor> | 6926 |
| <vccp-packet> | 6927 |
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| <vccp-pdu-statistics> | 6930 |
| <vccp-pdu-statistics> | 6931 |
| <vccp-pdu-statistics> | 6931 |
| <vccp-route> | 6932 |
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| <vccp-routing-table> | 6933 |
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| <vccp-statistics> | 6934 |
| <vccp-statistics> | 6934 |
| <vccp-tlv> | 6935 |
| <vccp-tlv> | 6935 |
| <vccp-tlv> | 6936 |
| <vccp-tlv> | 6936 |
| <vccp-tlv-overhead> | 6937 |
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| <vccp-tlv-overhead> | 6938 |

| | | |
|-------------------|--|-------------|
| | <vccp-tlv-overhead> | 6938 |
| | <virtual-chassis-active-topology> | 6939 |
| | <virtual-chassis-adjacency-information> | 6939 |
| | <virtual-chassis-database-information> | 6939 |
| | <virtual-chassis-device-information> | 6939 |
| | <virtual-chassis-fast-failover> | 6939 |
| | <virtual-chassis-id-information> | 6940 |
| | <virtual-chassis-information> | 6940 |
| | <virtual-chassis-interface-information> | 6940 |
| | <virtual-chassis-mode-information> | 6940 |
| | <virtual-chassis-packet-path> | 6941 |
| | <virtual-chassis-port-information> | 6941 |
| | <virtual-chassis-port-statistics-information> | 6941 |
| | <virtual-chassis-route-information> | 6941 |
| | <virtual-chassis-statistics-information> | 6941 |
| | Summary of Uplink Failure Detection Information Response Tags | 6942 |
| | <link-to-disable-list> | 6942 |
| | <link-to-monitor-list> | 6942 |
| | <ufd-group> | 6942 |
| | <ufd-group-information> | 6943 |
| | <uplink-failure-detection-information> | 6943 |
| Chapter 16 | Operational Response Tag Elements Specific to J Series and SRX Series | 6945 |
| | Summary of Allowed System Services and Protocols Response Tags | 6946 |
| | <allowed-host-inbound-traffic> | 6946 |
| | <security-error-flow-statistics> | 6949 |
| | <security-input-flow-statistics> | 6950 |
| | <security-output-flow-statistics> | 6951 |
| | Summary of ALG Response Tags | 6951 |
| | <alg-configuration> | 6951 |
| | <alg-h323-counters> | 6954 |
| | <alg-ike-esp-clear> | 6955 |
| | <alg-ike-esp-show> | 6956 |
| | <alg-ike-esp-show-summary> | 6956 |
| | <alg-mgcp-call-connections-data> | 6956 |
| | <alg-mgcp-call-data> | 6957 |
| | <alg-mgcp-call-information> | 6957 |
| | <alg-mgcp-call-local-sdp-m-lines> | 6957 |
| | <alg-mgcp-call-remote-sdp-m-lines> | 6958 |
| | <alg-mgcp-counter-information> | 6958 |
| | <alg-mgcp-endpoint-information> | 6960 |
| | <alg-mgcp-endpoints-data> | 6961 |
| | <alg-msrpc-map> | 6961 |
| | <alg-msrpc-map-data> | 6962 |
| | <alg-msrpc-uuid2oid> | 6962 |
| | <alg-msrpc-uuid2oid-data> | 6962 |
| | <alg-sccp-call-channel-data> | 6962 |
| | <alg-sccp-call-data> | 6964 |

| | |
|---|------|
| <alg-sccp-call-information> | 6965 |
| <alg-sccp-counters> | 6965 |
| <alg-sip-call-information> | 6966 |
| <alg-sip-calls-data> | 6967 |
| <alg-sip-counter-information> | 6967 |
| <alg-sip-counters-data> | 6968 |
| <alg-sip-rate> | 6969 |
| <alg-status> | 6970 |
| <alg-sunrpc-map> | 6971 |
| <alg-sunrpc-map-data> | 6971 |
| <ike-esp-cookies> | 6971 |
| Summary of AVT Response Tags | 6972 |
| <avt-counter-statistics> | 6972 |
| <avt-counters> | 6972 |
| Summary of DHCP Response Tags | 6972 |
| <dlsw-capabilities> | 6972 |
| <dlsw-capabilities> | 6973 |
| <dlsw-capabilities-list> | 6973 |
| <dlsw-capability-strings> | 6974 |
| <dlsw-capability-strings> | 6974 |
| <dlsw-circuit> | 6974 |
| <dlsw-circuit> | 6975 |
| <dlsw-circuit-list> | 6976 |
| <dlsw-circuit-statistics> | 6976 |
| <dlsw-circuit-statistics> | 6977 |
| <dlsw-circuit-statistics> | 6978 |
| <dlsw-peer> | 6978 |
| <dlsw-peer> | 6979 |
| <dlsw-peer-list> | 6980 |
| <dlsw-peer-statistics> | 6980 |
| <dlsw-peer-statistics> | 6981 |
| <dlsw-peer-statistics> | 6982 |
| <dlsw-reachability> | 6983 |
| <dlsw-reachability> | 6983 |
| <dlsw-reachability-list> | 6983 |
| <dlsw-version> | 6984 |
| <llc2> | 6984 |
| <llc2> | 6986 |
| <llc2> | 6987 |
| <llc2> | 6989 |
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| <llc2> | 6993 |
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| <llc2> | 7000 |
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| <llc2> | 7004 |
| <llc2> | 7006 |

| | |
|---|------|
| <llc2-redundancy> | 7008 |
| <llc2-redundancy> | 7008 |
| <llc2-redundancy-interface-statistics> | 7008 |
| <llc2-redundancy-interface-statistics> | 7008 |
| <llc2-redundancy-interface-statistics-list> | 7008 |
| <llc2-redundancy-list> | 7009 |
| <llc2-redundancy-mac-translation> | 7009 |
| <llc2-redundancy-mac-translation> | 7009 |
| <llc2-redundancy-mac-translation-list> | 7009 |
| <llc2-redundancy-track-dlsw-destination> | 7009 |
| <llc2-redundancy-track-dlsw-destination> | 7009 |
| <llc2-redundancy-track-dlsw-destination-list> | 7010 |
| <llc2-redundancy-track-dlsw-peer> | 7010 |
| <llc2-redundancy-track-dlsw-peer> | 7010 |
| <llc2-redundancy-track-dlsw-peer-list> | 7010 |
| <llc2-redundancy-track-interface> | 7010 |
| <llc2-redundancy-track-interface> | 7011 |
| <llc2-redundancy-track-interface-list> | 7011 |
| <version-string-multi> | 7011 |
| <version-string-multi> | 7011 |
| Summary of 802.1X Process Response Tags | 7011 |
| <authentication-whitelist-information> | 7011 |
| <authentication-whitelist-mac> | 7012 |
| <authentication-whitelist-mac-bypassed-users> | 7012 |
| <cp-interface> | 7013 |
| <cp-interface-information> | 7013 |
| <cp-supPLICANT> | 7013 |
| <cp-supPLICANT-list> | 7014 |
| <dot1x-authentication-failed-users> | 7014 |
| <dot1x-firewall-interface> | 7015 |
| <dot1x-interface-information> | 7015 |
| <dot1x-interface-statistics> | 7016 |
| <dot1x-static-mac-address> | 7016 |
| <dot1x-staticmac-bypassed-users> | 7017 |
| <interface> | 7017 |
| <supPLICANT> | 7019 |
| <supPLICANT-list> | 7019 |
| <task> | 7020 |
| <task-block> | 7020 |
| <task-block> | 7021 |
| <task-block-list> | 7021 |
| <task-block-list> | 7022 |
| <task-lite-page> | 7022 |
| <task-lite-page> | 7022 |
| <task-lite-page-list> | 7023 |
| <task-lite-page-list> | 7023 |
| <task-malloc> | 7023 |
| <task-malloc> | 7024 |
| <task-malloc-list> | 7024 |

| | |
|--|------|
| <task-malloc-list> | 7024 |
| <task-memory-allocator-report> | 7025 |
| <task-memory-information> | 7025 |
| <task-memory-malloc-usage-report> | 7026 |
| <task-memory-overall-report> | 7026 |
| <task-memory-stats> | 7027 |
| <task-memory-stats> | 7027 |
| <task-memory-stats-list> | 7028 |
| <task-replication-state> | 7028 |
| <task-size-block> | 7029 |
| <task-size-block> | 7029 |
| <task-size-block-list> | 7030 |
| <task-size-block-list> | 7030 |
| <task-timer> | 7030 |
| <task-timer> | 7031 |
| <task-timer-information> | 7031 |
| <tracing-information> | 7032 |
| Summary of DS-Lite Response Tags | 7032 |
| <ds-lite-software-sc> | 7032 |
| <ds-lite-software-sc-all-information> | 7032 |
| <ds-lite-software-sc-detail-information> | 7033 |
| <ds-lite-software-sc-pre> | 7033 |
| <ds-lite-software-si> | 7033 |
| Summary of Dynamic VPN Response Tags | 7034 |
| <clear-all-dvpn-user-connection-information> | 7034 |
| <clear-dvpn-user-connection-errors> | 7034 |
| <clear-dvpn-user-connection-information> | 7034 |
| <client-version> | 7034 |
| <dvpn-client-version> | 7035 |
| <dvpn-connection> | 7035 |
| <dvpn-connection> | 7035 |
| <dvpn-user-conn-info> | 7036 |
| <dvpn-users-information> | 7037 |
| Summary of End-to-End Debug Response Tags | 7037 |
| <eedebug-all-action-profile> | 7037 |
| <eedebug-all-counters> | 7037 |
| <eedebug-all-events> | 7038 |
| <eedebug-capture-output> | 7038 |
| <eedebug-pfe> | 7038 |
| <eedebug-reload-result> | 7039 |
| <eedebug-trace-sort> | 7039 |
| <request-eedebug-capture-start-result> | 7039 |
| <request-eedebug-capture-stop-result> | 7039 |
| Summary of ESW Response Tags | 7040 |
| <age-statistics> | 7040 |
| <age-statistics> | 7040 |
| <analyzer> | 7041 |
| <analyzer-egress-interface-list> | 7041 |
| <analyzer-egress-interface-list> | 7041 |

| | |
|---|------|
| <analyzer-egress-vlan-list> | 7042 |
| <analyzer-egress-vlan-list> | 7042 |
| <analyzer-information> | 7042 |
| <analyzer-ingress-interface-list> | 7043 |
| <analyzer-ingress-interface-list> | 7043 |
| <analyzer-ingress-vlan-list> | 7043 |
| <analyzer-ingress-vlan-list> | 7043 |
| <analyzer-monitor> | 7044 |
| <analyzer-monitor> | 7044 |
| <arp-inspection> | 7044 |
| <arp-inspection-statistics> | 7044 |
| <arp-inspection-statistics-entry> | 7045 |
| <cist-bridge-parameters> | 7045 |
| <cist-bridge-parameters> | 7046 |
| <customer-vlan-range> | 7048 |
| <customer-vlan-range> | 7048 |
| <customer-vlan-range> | 7048 |
| <customer-vlan-range-list> | 7049 |
| <customer-vlan-range-list> | 7049 |
| <customer-vlan-range-list> | 7049 |
| <dhcp-snooping> | 7049 |
| <dhcp-snooping-information> | 7049 |
| <dhcp-snooping-statistics> | 7050 |
| <ethernet-switching-aging-stats> | 7051 |
| <ethernet-switching-learning-stats> | 7051 |
| <ethernet-switching-learning-stats> | 7051 |
| <ethernet-switching-mac-notification-information> | 7052 |
| <ethernet-switching-next-hop-information> | 7052 |
| <ethernet-switching-next-hops> | 7052 |
| <ethernet-switching-next-hops> | 7053 |
| <ethernet-switching-stats-information> | 7054 |
| <ethernet-switching-table> | 7054 |
| <ethernet-switching-table> | 7055 |
| <ethernet-switching-table-information> | 7055 |
| <fdb-log-entry> | 7055 |
| <fdb-log-entry> | 7056 |
| <fdb-log-info> | 7056 |
| <fip-snooping-enode-entry> | 7056 |
| <fip-snooping-enode-entry> | 7056 |
| <fip-snooping-enode-entry> | 7057 |
| <fip-snooping-enode-entry> | 7057 |
| <fip-snooping-enode-entry> | 7058 |
| <fip-snooping-enode-entry> | 7058 |
| <fip-snooping-enode-entry> | 7059 |
| <fip-snooping-enode-information> | 7060 |
| <fip-snooping-fcdsession-entry> | 7060 |
| <fip-snooping-fcdsession-entry> | 7060 |
| <fip-snooping-fcdsession-entry> | 7060 |
| <fip-snooping-fcdstate-information> | 7061 |

| | |
|---|------|
| <fip-snooping-fcdvlan-entry> | 7061 |
| <fip-snooping-fcdvlan-entry> | 7061 |
| <fip-snooping-fcf-entry> | 7062 |
| <fip-snooping-fcf-entry> | 7062 |
| <fip-snooping-fcf-entry> | 7063 |
| <fip-snooping-fcf-entry> | 7063 |
| <fip-snooping-fcf-entry> | 7064 |
| <fip-snooping-fcf-information> | 7064 |
| <fip-snooping-information> | 7064 |
| <fip-snooping-session-entry> | 7065 |
| <fip-snooping-session-entry> | 7065 |
| <fip-snooping-session-entry> | 7065 |
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| <fip-snooping-session-entry> | 7067 |
| <fip-snooping-session-entry> | 7067 |
| <fip-snooping-session-entry> | 7067 |
| <fip-snooping-statistics> | 7068 |
| <fip-snooping-vlan-entry> | 7068 |
| <fip-snooping-vlan-entry> | 7068 |
| <fip-snooping-vlan-entry> | 7069 |
| <fip-snooping-vlan-statistics> | 7069 |
| <fip-snooping-vlan-statistics> | 7070 |
| <fip-snooping-vlan-statistics> | 7071 |
| <fip-snooping-vlan-statistics> | 7072 |
| <fip-snooping-vlandiscovery-enode> | 7073 |
| <fip-snooping-vlandiscovery-enode> | 7074 |
| <fip-snooping-vlandiscovery-enodes> | 7074 |
| <fip-snooping-vlandiscovery-interface> | 7075 |
| <fip-snooping-vlandiscovery-interface> | 7075 |
| <fip-snooping-vlandiscovery-interfaces> | 7075 |
| <fip-snooping-vlandiscovery-statistics> | 7076 |
| <fip-snooping-vlandiscovery-statistics> | 7076 |
| <fip-snooping-vlandiscovery-statistics-information> | 7076 |
| <gvrp> | 7076 |
| <gvrp-information> | 7077 |
| <gvrp-interface-information> | 7077 |
| <gvrp-statistics> | 7078 |
| <gvrp-timers> | 7078 |
| <interface> | 7079 |
| <interface> | 7079 |
| <interface-vlan-member> | 7080 |
| <interface-vlan-member> | 7081 |
| <interface-vlan-member-list> | 7082 |
| <interface-vlan-member-list> | 7082 |
| <ip-source-guard> | 7082 |
| <ip-source-guard-information> | 7083 |
| <l3-nexthop> | 7083 |
| <l3-nexthop> | 7083 |

| | |
|--|------|
| <l3-nexthop-information> | 7084 |
| <layer2-protocol-tunneling-interface-entry> | 7084 |
| <layer2-protocol-tunneling-interface-information> | 7084 |
| <layer2-protocol-tunneling-statistics-entry> | 7085 |
| <layer2-protocol-tunneling-statistics-information> | 7085 |
| <layer2-protocol-tunneling-vlan-entry> | 7085 |
| <layer2-protocol-tunneling-vlan-information> | 7086 |
| <mac-based-vlan-member-list> | 7086 |
| <mac-based-vlan-member-list> | 7086 |
| <mac-based-vlan-member-list> | 7086 |
| <mac-interfaces-list> | 7087 |
| <mac-interfaces-list> | 7087 |
| <mac-interfaces-list> | 7087 |
| <mac-interfaces-list> | 7088 |
| <mac-statistics> | 7088 |
| <mac-statistics> | 7089 |
| <mac-statistics> | 7090 |
| <mac-table-entry> | 7091 |
| <mac-table-entry> | 7093 |
| <mac-table-entry> | 7094 |
| <msti-bridge-parameters> | 7095 |
| <msti-bridge-parameters> | 7096 |
| <msti-regional-root-bridge> | 7097 |
| <msti-regional-root-bridge> | 7098 |
| <mstp-configuration> | 7098 |
| <mvrp> | 7099 |
| <mvrp-dynamic-vlan-information> | 7099 |
| <mvrp-dynamic-vmember-information> | 7099 |
| <mvrp-dynamic-vmembers> | 7099 |
| <mvrp-information> | 7100 |
| <mvrp-interface-information> | 7100 |
| <mvrp-intf-timers> | 7100 |
| <mvrp-statistics> | 7101 |
| <mvrp-vlans> | 7102 |
| <nh-detail-interface-list> | 7102 |
| <nh-detail-interface-list> | 7103 |
| <nh-detail-interface-list> | 7103 |
| <nh-fdb-entry> | 7103 |
| <nh-fdb-entry> | 7104 |
| <nh-fdb-entry> | 7104 |
| <nh-interface-list> | 7104 |
| <nh-interface-list> | 7104 |
| <nh-interface-list> | 7105 |
| <policy-vlan-member-list> | 7105 |
| <policy-vlan-member-list> | 7105 |
| <policy-vlan-member-list> | 7106 |
| <private-vlan-community-list> | 7106 |
| <private-vlan-community-list> | 7106 |
| <private-vlan-community-list> | 7106 |

| | |
|--|------|
| <private-vlan-isolated-list> | 7107 |
| <private-vlan-isolated-list> | 7107 |
| <private-vlan-isolated-list> | 7107 |
| <private-vlan-secondary-list> | 7108 |
| <private-vlan-secondary-list> | 7108 |
| <private-vlan-secondary-list> | 7108 |
| <push-vlan-member-list> | 7108 |
| <push-vlan-member-list> | 7109 |
| <push-vlan-member-list> | 7109 |
| <regional-root-bridge> | 7109 |
| <regional-root-bridge> | 7110 |
| <root-bridge> | 7110 |
| <root-bridge> | 7110 |
| <root-bridge> | 7111 |
| <root-bridge> | 7111 |
| <rtg> | 7111 |
| <rtg-information> | 7111 |
| <rtg-information-pergrp> | 7112 |
| <rtg-information-pergrp-err> | 7113 |
| <stp-bridge> | 7113 |
| <stp-context-statistics-information> | 7114 |
| <stp-instance> | 7114 |
| <stp-interface-entry> | 7114 |
| <stp-interface-entry> | 7115 |
| <stp-interface-information> | 7116 |
| <stp-interface-statistics> | 7117 |
| <stp-interface-statistics-entry> | 7117 |
| <stp-interface-statistics-entry> | 7117 |
| <stp-interface-statistics-entry> | 7118 |
| <stp-interface-statistics-entry> | 7118 |
| <stp-interfaces> | 7119 |
| <stp-kernel-table> | 7119 |
| <stp-kernel-table-entry> | 7119 |
| <stp-vlan-interface-statistics> | 7120 |
| <swap-vlan-member-list> | 7120 |
| <swap-vlan-member-list> | 7120 |
| <swap-vlan-member-list> | 7120 |
| <switching-interface-information> | 7121 |
| <tagged-vlan-member-list> | 7121 |
| <tagged-vlan-member-list> | 7121 |
| <tagged-vlan-member-list> | 7121 |
| <task> | 7122 |
| <task-block> | 7122 |
| <task-block> | 7123 |
| <task-block-list> | 7123 |
| <task-block-list> | 7124 |
| <task-lite-page> | 7124 |
| <task-lite-page> | 7124 |
| <task-lite-page-list> | 7125 |

| | |
|---|------|
| <task-lite-page-list> | 7125 |
| <task-malloc> | 7125 |
| <task-malloc> | 7126 |
| <task-malloc-list> | 7126 |
| <task-malloc-list> | 7126 |
| <task-memory-allocator-report> | 7127 |
| <task-memory-information> | 7127 |
| <task-memory-malloc-usage-report> | 7128 |
| <task-memory-overall-report> | 7128 |
| <task-memory-stats> | 7129 |
| <task-memory-stats> | 7129 |
| <task-memory-stats-list> | 7130 |
| <task-replication-state> | 7130 |
| <task-size-block> | 7131 |
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| <task-size-block-list> | 7132 |
| <task-size-block-list> | 7132 |
| <task-timer> | 7132 |
| <task-timer> | 7133 |
| <task-timer-information> | 7133 |
| <this-bridge> | 7134 |
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| <this-bridge> | 7135 |
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| <this-bridge> | 7135 |
| <time-since-last-tc> | 7136 |
| <time-since-last-tc> | 7136 |
| <tracing-information> | 7136 |
| <untagged-vlan-member-list> | 7136 |
| <untagged-vlan-member-list> | 7137 |
| <untagged-vlan-member-list> | 7137 |
| <vlan> | 7137 |
| <vlan> | 7139 |
| <vlan-detail> | 7140 |
| <vlan-detail> | 7141 |
| <vlan-information> | 7143 |
| <vlan-map> | 7143 |
| <vlan-map-entry> | 7143 |
| <vlan-mapping-list> | 7143 |
| <vlan-mapping-list> | 7144 |
| <vlan-mapping-list> | 7144 |
| <vlan-mapping-rule> | 7144 |
| <vlan-mapping-rule> | 7144 |
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| <vlan-mapping-summary> | 7145 |
| <vlan-mapping-summary> | 7146 |
| <vlan-mapping-summary> | 7146 |
| <vlan-member> | 7147 |

| | |
|--|------|
| <vlan-member> | 7148 |
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| <vlan-member-list> | 7149 |
| <vlan-summary> | 7150 |
| <vst-bridge-parameters> | 7151 |
| <vst-bridge-parameters> | 7152 |
| <vstp-interface-statistics> | 7153 |
| <vstp-statistics> | 7153 |
| <vstp-statistics> | 7154 |
| Summary of sFlow Response Tags | 7154 |
| <clear-flow-ipaction-information> | 7154 |
| <clear-flow-session-information> | 7155 |
| <flow-application-session-summary-information> | 7155 |
| <flow-forwarding-mode> | 7155 |
| <flow-gate-information> | 7156 |
| <flow-information> | 7156 |
| <flow-information> | 7157 |
| <flow-ipaction-entry> | 7159 |
| <flow-ipaction-information> | 7159 |
| <flow-ipaction-v6-entry> | 7160 |
| <flow-ipaction-v6-information> | 7160 |
| <flow-session> | 7160 |
| <flow-session-information> | 7162 |
| <flow-session-summary-information> | 7162 |
| <flow-statistics-all> | 7163 |
| <flow-status-all> | 7164 |
| <flow-tcp-options> | 7164 |
| <flow-trace-option> | 7164 |
| <gate> | 7165 |
| <hole> | 7165 |
| <resource-manager-information> | 7166 |
| <resource-manager-information> | 7166 |
| <total-active-sessions> | 7167 |
| <translated-hole> | 7167 |
| Summary of Firewall Authentication Response Tags | 7167 |
| <firewall-authentication-history-details> | 7167 |
| <firewall-authentication-history-specific> | 7168 |
| <firewall-authentication-status> | 7168 |
| <firewall-authentication-table-details> | 7168 |
| <firewall-authentication-users-specific> | 7168 |
| <fwauth-entry> | 7168 |
| <fwauth-history> | 7169 |
| <fwauth-history-info> | 7170 |
| <fwauth-history-table> | 7170 |
| <fwauth-table-info> | 7170 |
| <fwauth-users-table> | 7170 |
| <user-history-info> | 7171 |

| | |
|--|------|
| <user-info> | 7172 |
| Summary of GPRS Tunneling Protocol Response Tags | 7173 |
| <clear-tunnel> | 7173 |
| <gtp-clear-tunnel> | 7173 |
| <gtp-information> | 7173 |
| <gtp-show-configuration> | 7173 |
| <show-profile-apns> | 7174 |
| <show-profile-detail> | 7174 |
| <show-profile-summary> | 7176 |
| <tunnel-information> | 7176 |
| Summary of IDS Response Tags | 7178 |
| <clear-ids-statistics-information> | 7178 |
| <clear-ids-statistics-status> | 7178 |
| <ids-statistics> | 7178 |
| <ids-status> | 7180 |
| <show-ids-statistics-information> | 7180 |
| <show-ids-status> | 7180 |
| Summary of IPSec Response Tags | 7181 |
| <ah-statistics> | 7181 |
| <ah-statistics> | 7181 |
| <ah-statistics> | 7182 |
| <ah-statistics> | 7182 |
| <alternate-subject-list> | 7182 |
| <alternate-subject-list> | 7183 |
| <alternate-subject-list> | 7183 |
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| <auto-re-enrollment> | 7184 |
| <auto-re-enrollment> | 7184 |
| <auto-re-enrollment> | 7184 |
| <ca-certificate-enroll> | 7185 |
| <ca-certificate-enroll> | 7185 |
| <ca-certificate-enroll-list> | 7185 |
| <cert-ca-load-status> | 7185 |
| <cert-ca-manual-load> | 7186 |
| <cert-flag-info> | 7186 |
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| <cert-flag-info> | 7186 |
| <cert-key-pair> | 7187 |
| <cert-load-status> | 7187 |
| <cert-request-dump> | 7187 |
| <cert-request-dump-file> | 7187 |
| <certificate-information> | 7188 |
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| <certificates> | 7189 |
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| <crl-information> | 7190 |
| <crl-issuer-alternate-subject-list> | 7190 |

| | |
|--|------|
| <crl-issuer-alternate-subject-list> | 7191 |
| <crl-issuer-alternate-subject-list> | 7191 |
| <crl-issuer-detail> | 7191 |
| <crl-issuer-detail> | 7191 |
| <crl-list> | 7192 |
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| <crl-load-status> | 7193 |
| <crl-revocation-list> | 7193 |
| <crl-revocation-list> | 7193 |
| <crl-revocation-list> | 7193 |
| <crl-validity> | 7194 |
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| <crl-validity> | 7194 |
| <db-stats> | 7195 |
| <distinguished-name> | 7195 |
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| <error-statistics> | 7201 |
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| <fips-pic-status> | 7210 |
| <fips-pic-status> | 7210 |
| <fips-pic-status-information> | 7210 |
| <gvpn-kek-security-associations-information> | 7211 |
| <ike-active-peers> | 7211 |

| | |
|--------------------------------------|------|
| <ike-active-peers> | 7212 |
| <ike-active-peers> | 7212 |
| <ike-active-peers> | 7213 |
| <ike-active-peers-block> | 7214 |
| <ike-active-peers-block> | 7214 |
| <ike-active-peers-information> | 7215 |
| <ike-sa-algorithms> | 7215 |
| <ike-sa-algorithms> | 7215 |
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| <ike-sa-misc> | 7223 |
| <ike-sa-phase2-information> | 7224 |
| <ike-sa-phase2-information> | 7225 |
| <ike-sa-phase2-information> | 7225 |
| <ike-sa-phase2-information> | 7226 |
| <ike-sa-phase2-information> | 7227 |
| <ike-sa-phase2-information> | 7228 |
| <ike-sa-phase2-information> | 7229 |
| <ike-sa-phase2-information> | 7229 |
| <ike-sa-phase2-information> | 7230 |
| <ike-sa-traffic-statistics> | 7231 |
| <ike-sa-traffic-statistics> | 7231 |
| <ike-sa-traffic-statistics> | 7232 |
| <ike-sa-traffic-statistics> | 7232 |
| <ike-sa-traffic-statistics> | 7233 |
| <ike-sa-traffic-statistics> | 7233 |
| <ike-sa-traffic-statistics> | 7234 |
| <ike-security-associations> | 7234 |
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| <ike-security-associations> | 7236 |
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| <ike-security-associations> | 7238 |
| <ike-security-associations> | 7239 |

| | |
|---|------|
| <ike-security-associations-block> | 7240 |
| <ike-security-associations-block> | 7240 |
| <ike-security-associations-block> | 7241 |
| <ike-security-associations-information> | 7241 |
| <ike-show-pre-shared-key-information> | 7241 |
| <ike-stats-information> | 7242 |
| <ike-xauth-user-info> | 7242 |
| <ike-xauth-user-info> | 7242 |
| <ike-xauth-user-info> | 7243 |
| <ike-xauth-user-info> | 7243 |
| <ike-xauth-user-info> | 7243 |
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| <ike-xauth-user-info> | 7244 |
| <iked-spu-mapping> | 7245 |
| <iked-spu-mapping> | 7245 |
| <iked-spu-mapping-information> | 7245 |
| <ipsec-active-tunnel-debug-information> | 7245 |
| <ipsec-gvpn-security-associations-block> | 7246 |
| <ipsec-gvpn-security-associations-block> | 7246 |
| <ipsec-next-hop-tunnel-binding-information> | 7247 |
| <ipsec-pic-redundancy> | 7247 |
| <ipsec-pic-redundancy> | 7248 |
| <ipsec-pic-redundancy-information> | 7248 |
| <ipsec-registered-members> | 7248 |
| <ipsec-registered-members> | 7249 |
| <ipsec-registered-members-information> | 7249 |
| <ipsec-security-associations> | 7249 |
| <ipsec-security-associations> | 7251 |
| <ipsec-security-associations> | 7253 |
| <ipsec-security-associations> | 7254 |
| <ipsec-security-associations> | 7256 |
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| <ipsec-security-associations> | 7260 |
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| <ipsec-security-associations> | 7263 |
| <ipsec-security-associations> | 7265 |
| <ipsec-security-associations-block> | 7266 |
| <ipsec-security-associations-block> | 7267 |
| <ipsec-security-associations-block> | 7268 |
| <ipsec-security-associations-block> | 7268 |
| <ipsec-security-associations-information> | 7269 |
| <ipsec-server-ipsecsa-information> | 7269 |
| <ipsec-service-set-statistics> | 7269 |
| <ipsec-service-set-statistics> | 7270 |
| <ipsec-service-set-statistics> | 7270 |
| <ipsec-statistics> | 7270 |
| <ipsec-statistics> | 7271 |
| <ipsec-statistics> | 7271 |
| <ipsec-total-statistics> | 7272 |

| | |
|--|------|
| <ipsec-total-statistics-information> | 7272 |
| <ipsec-tunnel-redundancy> | 7272 |
| <ipsec-tunnel-redundancy> | 7273 |
| <ipsec-tunnel-redundancy-information> | 7273 |
| <ipsec-unestablished-tunnel-information> | 7273 |
| <ipsecsa-group-info> | 7274 |
| <ipsecsa-group-info> | 7274 |
| <ipsecsa-policy-info> | 7275 |
| <ipsecsa-policy-info> | 7275 |
| <ipsecsa-policy-info> | 7276 |
| <ipsecsa-policy-info> | 7276 |
| <ipsecsa-policy-info> | 7277 |
| <ipsecsa-sa-info> | 7278 |
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| <ipsecsa-sa-info> | 7279 |
| <ipsecsa-sa-info> | 7279 |
| <issue-info> | 7280 |
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| <issue-info> | 7281 |
| <issue-info> | 7281 |
| <issuer> | 7281 |
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| <kek-sa-group-info> | 7282 |
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| <kek-sa-server-info> | 7289 |
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| <kek-sa-server-info> | 7291 |
| <kek-sa-server-info> | 7291 |
| <kek-sa-server-info> | 7292 |
| <kek-security-associations> | 7292 |
| <kek-security-associations> | 7293 |
| <key-usage-list> | 7293 |
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| | |
|--|------|
| <key-usage-list> | 7294 |
| <key-usage-list> | 7294 |
| <kmd-memory-usage> | 7294 |
| <kmd-memory-usage> | 7295 |
| <kmd-memory-usage-information> | 7295 |
| <pki-scep> | 7295 |
| <public-key> | 7296 |
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| <public-key> | 7297 |
| <public-key-contents-list> | 7298 |
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| <public-key-contents-list> | 7298 |
| <public-key-contents-list> | 7298 |
| <public-key-contents-list> | 7299 |
| <sa-df-bit-policy-name> | 7299 |
| <sa-df-bit-policy-name> | 7299 |
| <sa-df-bit-policy-name> | 7300 |
| <sa-df-bit-policy-name> | 7300 |
| <sa-df-bit-policy-name> | 7300 |
| <sa-df-bit-policy-name> | 7301 |
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| <sa-location> | 7301 |
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| <security-associations> | 7310 |
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| | |
|--|------|
| <security-associations-information> | 7318 |
| <serial-number-list> | 7318 |
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| <service-set-info> | 7320 |
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| <services-security-associations-block> | 7321 |
| <services-security-associations-block> | 7321 |
| <services-security-associations-information> | 7321 |
| <subject> | 7322 |
| <subject> | 7322 |
| <tunnel-redundancy-extensive> | 7322 |
| <tunnel-redundancy-extensive> | 7323 |
| <tunnel-redundancy-extensive> | 7323 |
| <tunnel-redundancy-extensive> | 7324 |
| <usp-ipsec-total-statistics-information> | 7324 |
| <validity> | 7324 |
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| <x509-certificate-cache-info> | 7327 |
| <x509-certificate-cache-info> | 7328 |
| <x509-certificate-cache-info-list> | 7328 |
| <x509-certificate-info> | 7329 |
| <x509-certificate-info> | 7329 |
| <x509-crl-information> | 7330 |
| <x509-crl-information> | 7330 |
| <x509-pki-certificate-info-list> | 7331 |
| <x509-pki-crl-information-list> | 7331 |
| Summary of ISDN Response Tags | 7331 |
| <ces-status> | 7331 |
| <ces-status> | 7332 |
| <ces-status> | 7332 |
| <endpoint> | 7333 |
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| <endpoint> | 7334 |
| <endpoint-status> | 7334 |
| <endpoint-status> | 7334 |
| <isdn-call> | 7334 |
| <isdn-call> | 7335 |
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| <isdn-call-history> | 7336 |

| | |
|---|------|
| <isdn-calls> | 7336 |
| <isdn-config-options> | 7337 |
| <isdn-status> | 7337 |
| <q921-statistics> | 7337 |
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| <q921-status> | 7339 |
| <q931-statistics> | 7339 |
| <q931-status> | 7341 |
| <q931-status> | 7341 |
| Summary of Stateful Redundancy Response Tags | 7342 |
| <chassis-cluster-control> | 7342 |
| <chassis-cluster-control-statistics> | 7342 |
| <chassis-cluster-dataplane-interfaces> | 7343 |
| <chassis-cluster-ethernet-switching-interfaces> | 7343 |
| <chassis-cluster-ethernet-switching-statistics> | 7343 |
| <chassis-cluster-ethernet-switching-status> | 7343 |
| <chassis-cluster-fabric> | 7344 |
| <chassis-cluster-fabric-statistics> | 7344 |
| <chassis-cluster-information> | 7345 |
| <chassis-cluster-interface-statistics> | 7345 |
| <chassis-cluster-interfaces> | 7346 |
| <chassis-cluster-internal-statistics> | 7346 |
| <chassis-cluster-ip-monitoring> | 7346 |
| <chassis-cluster-ip-monitoring-database> | 7347 |
| <chassis-cluster-ip-monitoring-global-database> | 7347 |
| <chassis-cluster-ip-monitoring-information> | 7348 |
| <chassis-cluster-led-information> | 7348 |
| <chassis-cluster-redundancy-mode> | 7348 |
| <chassis-cluster-reth-database> | 7349 |
| <chassis-cluster-statistics> | 7349 |
| <chassis-cluster-status> | 7349 |
| <chassis-cluster-status> | 7350 |
| <chassis-cluster-swfabric> | 7350 |
| <chassis-cluster-swfabric> | 7350 |
| <chassis-cluster-swfabric-statistics> | 7351 |
| <clear-chassis-cluster-statistics> | 7352 |
| <cold-synchronization-events> | 7352 |
| <cold-synchronization-events> | 7352 |
| <cold-synchronization-monitoring-information> | 7352 |
| <cold-synchronization-monitoring-information> | 7353 |
| <cold-synchronization-pfe-statistics> | 7353 |
| <cold-synchronization-pfe-statistics> | 7353 |
| <cold-synchronization-statistics> | 7354 |
| <cold-synchronization-statistics> | 7354 |
| <cold-synchronization-status-information> | 7354 |
| <cold-synchronization-status-information> | 7355 |
| <control-link-vlan-information> | 7355 |
| <dataplane-interfaces> | 7356 |
| <fabric-information> | 7356 |

| | |
|---|------|
| <fabric-information> | 7356 |
| <fabric-monitoring-information> | 7357 |
| <fabric-monitoring-information> | 7357 |
| <fabric-monitoring-status> | 7357 |
| <fabric-monitoring-status> | 7357 |
| <interface-monitoring> | 7358 |
| <interface-monitoring-events> | 7358 |
| <interface-monitoring-events> | 7358 |
| <interface-monitoring-information> | 7359 |
| <interface-monitoring-information> | 7359 |
| <interface-monitoring-statistics> | 7359 |
| <interface-monitoring-statistics> | 7359 |
| <redundancy-group-information> | 7360 |
| <redundancy-group-information> | 7360 |
| <redundancy-group-information-list> | 7360 |
| <redundancy-group-information-list> | 7361 |
| <redundancy-group-monitoring-information> | 7361 |
| <redundancy-group-monitoring-information> | 7361 |
| <redundancy-group-state-transition-events> | 7361 |
| <redundancy-group-state-transition-events> | 7362 |
| <reth> | 7362 |
| <services-synchronized> | 7362 |
| <spu-monitoring-events> | 7363 |
| <spu-monitoring-events> | 7363 |
| <spu-monitoring-information> | 7363 |
| <spu-monitoring-information> | 7364 |
| <spu-monitoring-spu-state> | 7364 |
| <spu-monitoring-spu-state> | 7364 |
| <spu-monitoring-statistics> | 7365 |
| <spu-monitoring-statistics> | 7365 |
| <spu-monitoring-status> | 7366 |
| <spu-monitoring-status> | 7366 |
| <swfabric-information> | 7366 |
| Summary of DNS Proxy Response Response Tags | 7367 |
| <dns-proxy> | 7367 |
| <dns-proxy-cache-entry> | 7367 |
| <dns-proxy-cache-information> | 7368 |
| <dns-proxy-information> | 7368 |
| <dynamic-dns-client> | 7368 |
| <dynamic-dns-client-information> | 7369 |
| <interfaces> | 7369 |
| <interfaces> | 7369 |
| Summary of NAT Response Tags | 7370 |
| <destination-address-range-entry> | 7370 |
| <destination-nat-entry> | 7370 |
| <destination-nat-pool-entry> | 7370 |
| <destination-nat-pool-information> | 7371 |
| <destination-nat-rule-entry> | 7371 |
| <destination-nat-rule-information> | 7372 |

| | |
|---|------|
| <destination-nat-summary-information> | 7372 |
| <destination-port-entry> | 7372 |
| <incoming-table-entry> | 7373 |
| <incoming-table-information> | 7373 |
| <interface-nat-ports-entry> | 7373 |
| <interface-nat-ports-information> | 7374 |
| <persist-nat-external-node-entry> | 7374 |
| <persist-nat-external-node-table> | 7375 |
| <persist-nat-table> | 7375 |
| <persist-nat-table-entry> | 7375 |
| <persist-nat-table-statistic> | 7376 |
| <pool-address-range> | 7376 |
| <rule-source-address-range-entry> | 7377 |
| <source-address-range-entry> | 7377 |
| <source-nat-entry> | 7377 |
| <source-nat-pool-detail-information> | 7378 |
| <source-nat-pool-entry> | 7378 |
| <source-nat-pool-info-entry> | 7379 |
| <source-nat-pool-information> | 7379 |
| <source-nat-rule-action-entry> | 7379 |
| <source-nat-rule-detail-information> | 7380 |
| <source-nat-rule-entry> | 7380 |
| <source-nat-rule-hits-entry> | 7381 |
| <source-nat-summary> | 7381 |
| <source-pool-address-range> | 7381 |
| <ssg-destination-nat-rule-entry> | 7382 |
| <ssg-destination-nat-summary-information> | 7382 |
| <ssg-destination-pool-entry> | 7382 |
| <ssg-source-nat-summary-information> | 7383 |
| <ssg-source-pool-entry> | 7383 |
| <ssg-source-rule-entry> | 7384 |
| <ssg-total-destination-pool-num> | 7384 |
| <ssg-total-destination-rule-num> | 7384 |
| <ssg-total-source-pool-num> | 7385 |
| <ssg-total-source-rule-num> | 7385 |
| <static-nat-entry> | 7385 |
| <static-nat-rule-entry> | 7386 |
| <static-nat-rule-information> | 7386 |
| <static-nat-summary> | 7387 |
| <total-destination-nat-pool-number> | 7387 |
| <total-destination-nat-rules> | 7387 |
| <total-source-nat-pools> | 7387 |
| <total-source-nat-rules> | 7388 |
| <total-static-nat-rules> | 7388 |
| <translation-context-entry> | 7388 |
| <translation-context-information> | 7389 |
| Summary of Reports Response Tags | 7389 |
| <recent-blocked-url-activity> | 7389 |
| <recent-idp-attack-activity> | 7390 |

| | |
|--|------|
| <recent-spam-activity> | 7390 |
| <recent-virus-hit-activity> | 7391 |
| <report-traffic-most-recent-session> | 7392 |
| <report-traffic-session-summary> | 7392 |
| <report-traffic-sessions-per-protocol> | 7393 |
| <reports-recent-activities> | 7393 |
| <reports-threat-statistics> | 7393 |
| <reports-threat-summary> | 7394 |
| <reports-traffic-statistics> | 7394 |
| <session-data-per-protocol> | 7394 |
| <threat-24hr-history-by-category> | 7395 |
| <threat-24hr-history-by-severity> | 7395 |
| <threat-report-activity-counts> | 7396 |
| <threat-report-general-statistics> | 7396 |
| <threat-report-most-recent-statistic> | 7397 |
| <web-filtering-statistics> | 7397 |
| Summary of Resource Manager Response Tags | 7398 |
| <resmgr-group-active> | 7398 |
| <resmgr-group-active-data> | 7398 |
| <resmgr-group-active-number> | 7398 |
| <resmgr-group-active-number-resource> | 7399 |
| <resmgr-resource-active> | 7399 |
| <resmgr-resource-active-data> | 7399 |
| <resmgr-resource-active-number> | 7400 |
| <resmgr-resource-active-number-hole> | 7400 |
| <resmgr-resource-active-number-session> | 7401 |
| <resmgr-settings> | 7402 |
| <resource-manager-summary-information> | 7402 |
| Summary of VLAN Retag Response Tags | 7402 |
| <clear-vlan-retag-statistics-information> | 7402 |
| <clear-vlan-retag-statistics-status> | 7403 |
| <show-retag-statistics-information> | 7403 |
| <vlan-retag-entry> | 7403 |
| Summary of Real Time Media Convergence Response Tags | 7404 |
| <cli-response> | 7404 |
| <media-gateway> | 7404 |
| <sessions> | 7404 |
| <statistics> | 7405 |
| <status> | 7405 |
| <survivable-call-service> | 7406 |
| Summary of Scheduler Response Tags | 7406 |
| <scheduler> | 7406 |
| <schedulers> | 7406 |
| Summary of SCTP Response Tags | 7407 |
| <clear-counters> | 7407 |
| <sctp-clear-counters> | 7407 |
| <sctp-show-counters> | 7407 |
| <show-counters-errdrop> | 7407 |
| <show-counters-recvdrop> | 7408 |

| | |
|--|------|
| <show-counters-slot> | 7408 |
| Summary of Security Firewall Response Tags | 7408 |
| <application-firewall> | 7408 |
| <default-rule> | 7409 |
| <default-rule> | 7409 |
| <default-rule> | 7409 |
| <dynamic-application-list> | 7410 |
| <dynamic-application-list> | 7410 |
| <dynamic-application-list> | 7410 |
| <rule> | 7410 |
| <rule> | 7411 |
| <rule-list> | 7411 |
| <rule-list> | 7412 |
| <rule-set> | 7412 |
| <rule-set-info> | 7412 |
| Summary of Security Policy Response Tags | 7413 |
| <alarm> | 7413 |
| <alarm> | 7413 |
| <alarm> | 7413 |
| <alarm> | 7414 |
| <alarm> | 7414 |
| <application> | 7415 |
| <application> | 7415 |
| <application> | 7415 |
| <application> | 7416 |
| <application> | 7416 |
| <application-firewall> | 7416 |
| <application-firewall> | 7417 |
| <application-firewall> | 7417 |
| <application-firewall> | 7417 |
| <application-firewall> | 7418 |
| <application-term> | 7418 |
| <application-term> | 7418 |
| <application-term> | 7419 |
| <application-term> | 7419 |
| <application-term> | 7420 |
| <applications> | 7421 |
| <applications> | 7421 |
| <applications> | 7421 |
| <applications> | 7421 |
| <applications> | 7422 |
| <context-information> | 7422 |
| <context-information> | 7422 |
| <context-information> | 7423 |
| <context-information> | 7423 |
| <context-information> | 7423 |
| <context-information> | 7424 |
| <context-information> | 7424 |
| <default-rule> | 7425 |

| | |
|--|------|
| <default-rule> | 7425 |
| <default-rule> | 7426 |
| <default-rule> | 7426 |
| <default-rule> | 7427 |
| <destination-address> | 7427 |
| <destination-address> | 7427 |
| <destination-address> | 7428 |
| <destination-address> | 7428 |
| <destination-address> | 7429 |
| <destination-addresses> | 7429 |
| <destination-addresses> | 7429 |
| <destination-addresses> | 7429 |
| <destination-addresses> | 7430 |
| <destination-addresses> | 7430 |
| <destination-port-range> | 7430 |
| <destination-port-range> | 7431 |
| <destination-port-range> | 7431 |
| <destination-port-range> | 7432 |
| <destination-port-range> | 7432 |
| <dynamic-application-list> | 7433 |
| <dynamic-application-list> | 7433 |
| <dynamic-application-list> | 7433 |
| <dynamic-application-list> | 7434 |
| <dynamic-application-list> | 7434 |
| <dynamic-application-list> | 7435 |
| <icmp-info> | 7435 |
| <icmp-info> | 7436 |
| <icmp-info> | 7436 |
| <icmp-info> | 7437 |
| <icmp-info> | 7437 |
| <policies> | 7438 |
| <policies> | 7438 |
| <policy-action> | 7438 |
| <policy-action> | 7439 |
| <policy-action> | 7440 |
| <policy-action> | 7441 |
| <policy-action> | 7441 |
| <policy-application-services> | 7442 |
| <policy-application-services> | 7443 |
| <policy-application-services> | 7443 |
| <policy-application-services> | 7444 |
| <policy-application-services> | 7445 |
| <policy-count-alarms> | 7445 |
| <policy-count-alarms> | 7445 |
| <policy-count-alarms> | 7446 |
| <policy-count-alarms> | 7446 |
| <policy-count-alarms> | 7446 |
| <policy-firewall-authentication> | 7447 |
| <policy-firewall-authentication> | 7447 |

| | |
|--|------|
| <policy-firewall-authentication> | 7447 |
| <policy-firewall-authentication> | 7448 |
| <policy-firewall-authentication> | 7448 |
| <policy-information> | 7449 |
| <policy-information> | 7450 |
| <policy-information> | 7450 |
| <policy-information> | 7451 |
| <policy-internal-information> | 7452 |
| <policy-internal-information> | 7454 |
| <policy-log> | 7456 |
| <policy-log> | 7456 |
| <policy-log> | 7457 |
| <policy-log> | 7457 |
| <policy-log> | 7457 |
| <policy-scheduler> | 7458 |
| <policy-scheduler> | 7458 |
| <policy-scheduler> | 7458 |
| <policy-scheduler> | 7459 |
| <policy-scheduler> | 7459 |
| <policy-statistics-information> | 7459 |
| <policy-statistics-information> | 7460 |
| <policy-statistics-information> | 7461 |
| <policy-statistics-information> | 7462 |
| <policy-statistics-information> | 7463 |
| <policy-tcp-options> | 7464 |
| <policy-tcp-options> | 7465 |
| <policy-tcp-options> | 7465 |
| <policy-tcp-options> | 7465 |
| <policy-tcp-options> | 7466 |
| <policy-tunnel> | 7466 |
| <policy-tunnel> | 7466 |
| <policy-tunnel> | 7467 |
| <policy-tunnel> | 7467 |
| <policy-tunnel> | 7468 |
| <policy-type-information> | 7468 |
| <policy-type-information> | 7469 |
| <policy-type-information> | 7469 |
| <policy-type-information> | 7469 |
| <policy-type-information> | 7470 |
| <policy-zone-context> | 7470 |
| <policy-zone-context> | 7470 |
| <policy-zone-context-entry> | 7471 |
| <policy-zone-context-entry> | 7471 |
| <prefixes> | 7471 |
| <prefixes> | 7472 |
| <prefixes> | 7472 |
| <prefixes> | 7472 |
| <prefixes> | 7473 |
| <prefixes> | 7473 |

| | |
|-----------------------------------|------|
| <prefixes> | 7473 |
| <prefixes> | 7474 |
| <prefixes> | 7474 |
| <prefixes> | 7475 |
| <prefixes> | 7475 |
| <program-number-range> | 7475 |
| <program-number-range> | 7476 |
| <program-number-range> | 7476 |
| <program-number-range> | 7477 |
| <program-number-range> | 7477 |
| <rpc-information> | 7478 |
| <rpc-information> | 7478 |
| <rpc-information> | 7479 |
| <rpc-information> | 7479 |
| <rpc-information> | 7480 |
| <rule> | 7480 |
| <rule> | 7480 |
| <rule> | 7481 |
| <rule> | 7482 |
| <rule> | 7482 |
| <rule-list> | 7483 |
| <rule-list> | 7483 |
| <rule-list> | 7484 |
| <rule-list> | 7484 |
| <rule-list> | 7485 |
| <rule-set> | 7485 |
| <rule-set> | 7485 |
| <rule-set> | 7486 |
| <rule-set> | 7486 |
| <rule-set> | 7487 |
| <rule-set-info> | 7487 |
| <rule-set-info> | 7487 |
| <rule-set-info> | 7488 |
| <rule-set-info> | 7488 |
| <rule-set-info> | 7488 |
| <security-context> | 7489 |
| <security-context> | 7489 |
| <security-dynamic-policies> | 7489 |
| <security-policies> | 7489 |
| <security-policy-match> | 7490 |
| <source-address> | 7490 |
| <source-address> | 7490 |
| <source-address> | 7490 |
| <source-address> | 7491 |
| <source-address> | 7491 |
| <source-addresses> | 7492 |
| <source-addresses> | 7492 |
| <source-addresses> | 7492 |
| <source-addresses> | 7492 |

| | |
|---|------|
| <source-addresses> | 7493 |
| <source-port-range> | 7493 |
| <source-port-range> | 7493 |
| <source-port-range> | 7494 |
| <source-port-range> | 7494 |
| <source-port-range> | 7495 |
| <wx-optimizer> | 7495 |
| <wx-optimizer> | 7496 |
| <wx-optimizer> | 7496 |
| <wx-optimizer> | 7496 |
| <wx-optimizer> | 7497 |
| Summary of SMTP Response Tags | 7497 |
| <smtp-client-service-status> | 7497 |
| <smtp-config-servers-information> | 7498 |
| <smtp-queue-statistics> | 7498 |
| <smtp-send-statistics> | 7498 |
| <smtp-servers> | 7498 |
| <smtp-statistics> | 7499 |
| Summary of SPU Monitoring Response Tags | 7499 |
| <spu-monitoring-information> | 7499 |
| <spu-utilization-statistics> | 7499 |
| Summary of SPU Performance Response Tags | 7500 |
| <performance-arena-information> | 7500 |
| <performance-arena-statistics> | 7500 |
| <performance-heap-information> | 7501 |
| <performance-heap-statistics> | 7501 |
| <performance-session-information> | 7501 |
| <performance-session-statistics> | 7501 |
| <performance-spu-information> | 7502 |
| <performance-spu-statistics> | 7502 |
| Summary of Telephony Gateway Module Response Tags | 7502 |
| <dynamic-cac-information> | 7502 |
| <dynamic-cac-information> | 7503 |
| <dynamic-cac-information> | 7503 |
| <media-gateway-controller-configuration> | 7503 |
| <telephony-interface-module-status> | 7504 |
| <telephony-interface-module-status> | 7504 |
| <telephony-interface-module-status-information> | 7504 |
| <tgm-dsp-capacity-information> | 7505 |
| <tgm-dynamic-cac-information> | 7505 |
| <tgm-dynamic-cac-list> | 7505 |
| <tgm-dynamic-cac-list> | 7505 |
| <tgm-information> | 7506 |
| Summary of Unified Access Control Response Tags | 7506 |
| <authentication-table> | 7506 |
| <entry> | 7506 |
| <infranet-controller> | 7507 |
| <infranet-controllers> | 7507 |
| <policy> | 7507 |

| | |
|--|------|
| <resource-access-policies> | 7508 |
| <resources> | 7508 |
| <role> | 7508 |
| <role> | 7508 |
| <role> | 7509 |
| <role> | 7509 |
| <roles> | 7510 |
| <roles> | 7510 |
| <roles> | 7510 |
| Summary of Antispam Statistics Response Tags | 7510 |
| <anti-spam> | 7510 |
| <anti-spam-clear> | 7511 |
| <anti-spam-statistics> | 7511 |
| <anti-spam-status> | 7512 |
| <anti-spam-test> | 7512 |
| <anti-virus> | 7512 |
| <anti-virus-clear> | 7513 |
| <anti-virus-request-update> | 7513 |
| <anti-virus-statistics> | 7513 |
| <anti-virus-statistics-details> | 7514 |
| <anti-virus-statistics-details-ftp> | 7514 |
| <anti-virus-statistics-details-http> | 7514 |
| <anti-virus-statistics-details-imap> | 7515 |
| <anti-virus-statistics-details-pop3> | 7515 |
| <anti-virus-statistics-details-smtp> | 7515 |
| <anti-virus-status> | 7515 |
| <anti-virus-test> | 7516 |
| <clear-content-filter> | 7516 |
| <content-filtering> | 7517 |
| <content-filtering-statistics> | 7517 |
| <content-filtering-status> | 7517 |
| <dns-server-setting> | 7517 |
| <fall-back> | 7518 |
| <fall-back-permit> | 7519 |
| <ftp-fallback-request> | 7521 |
| <ftp-fallback-request-no-permit> | 7522 |
| <ftp-scan-request> | 7523 |
| <http-fallback-request> | 7524 |
| <http-fallback-request-no-permit> | 7525 |
| <http-scan-request> | 7526 |
| <imap-fallback-request> | 7527 |
| <imap-fallback-request-no-permit> | 7528 |
| <imap-scan-request> | 7529 |
| <passed-blocked> | 7529 |
| <pop3-fallback-request> | 7531 |
| <pop3-fallback-request-no-permit> | 7532 |
| <pop3-scan-request> | 7533 |
| <scan-code> | 7533 |
| <scan-mode> | 7534 |

| | |
|---|------|
| <scan-request> | 7534 |
| <session-result> | 7535 |
| <smtp-fallback-request> | 7535 |
| <smtp-fallback-request-no-permit> | 7537 |
| <smtp-scan-request> | 7538 |
| <sophos-anti-virus-status> | 7538 |
| <statistics-last-10-days> | 7539 |
| <utm-session-clear> | 7540 |
| <utmd-status> | 7541 |
| <utmd-web-filtering> | 7541 |
| <utmd-web-filtering-statistics> | 7541 |
| <utmd-web-filtering-status> | 7542 |
| <web-filter-clear> | 7542 |
| <web-filtering-fallback> | 7542 |
| <web-filtering-test> | 7543 |
| Summary of Wireless LAN Access Points Response Tags | 7543 |
| <access-point-client-associations> | 7543 |
| <access-point-client-associations> | 7544 |
| <access-point-client-associations> | 7544 |
| <access-point-client-display> | 7544 |
| <access-point-client-display> | 7545 |
| <access-point-client-display-detail> | 7545 |
| <access-point-client-display-detail> | 7545 |
| <access-point-neighbors> | 7545 |
| <access-point-neighbors> | 7546 |
| <access-points> | 7547 |
| <access-points> | 7548 |
| <capture-local> | 7549 |
| <capture-local> | 7549 |
| <capture-local> | 7550 |
| <cluster> | 7550 |
| <cluster> | 7551 |
| <diagnostics-info> | 7551 |
| <diagnostics-info> | 7551 |
| <ethernet-port-information> | 7552 |
| <ethernet-port-information> | 7552 |
| <ethernet-port-information> | 7552 |
| <radio-information> | 7553 |
| <radio-information> | 7553 |
| <radio-information> | 7553 |
| <radio-list> | 7554 |
| <radio-list> | 7554 |
| <radio-status-information> | 7554 |
| <radio-status-information> | 7555 |
| <radio-status-information> | 7555 |
| <status-information> | 7556 |
| <status-information> | 7556 |
| <status-information> | 7557 |
| <status-information> | 7558 |

| | |
|---|------|
| <traffic-statistics> | 7559 |
| <traffic-statistics> | 7559 |
| <traffic-statistics> | 7559 |
| <traffic-statistics> | 7560 |
| <virtual-access-points> | 7560 |
| <virtual-access-points> | 7561 |
| <virtual-access-points> | 7561 |
| <wlan-access-point-client-associations-detail-list> | 7562 |
| <wlan-access-point-client-associations-list> | 7562 |
| <wlan-access-point-neighbors-list> | 7562 |
| <wlan-access-point-packet-capture-start> | 7562 |
| <wlan-access-point-packet-capture-stop> | 7563 |
| <wlan-access-points-list> | 7563 |
| <wlan-clusters-list> | 7563 |
| <wlan-diagnostics-list> | 7563 |
| <wlan-virtual-access-points-list> | 7563 |
| Summary of GSM Response Tags | 7564 |
| <gsm-profile> | 7564 |
| <gsm-profile> | 7564 |
| <gsm-profile> | 7565 |
| <gsm-profile> | 7565 |
| <gsm-profiles> | 7566 |
| <gsm-profiles> | 7566 |
| <gsm-profiles> | 7566 |
| <profile-summary> | 7566 |
| <profile-summary> | 7567 |
| <profile-summary> | 7567 |
| <wwand-modem-wireless-cdma-interface-firmware> | 7567 |
| <wwand-modem-wireless-gsm-interface-firmware> | 7568 |
| <wwand-modem-wireless-gsm-interface-network> | 7568 |
| <wwand-modem-wireless-interface> | 7569 |
| <wwand-modem-wireless-interface-firmware> | 7570 |
| <wwand-modem-wireless-interface-firmware> | 7570 |
| <wwand-modem-wireless-interface-network> | 7571 |
| <wwand-modem-wireless-interface-network> | 7571 |
| <wwand-modem-wireless-interface-profiles> | 7572 |
| <wwand-modem-wireless-interface-profiles> | 7572 |
| <wwand-modem-wireless-interface-rssi> | 7572 |
| <wwand-modem-wireless-interface-rssi> | 7572 |
| Summary of WXOS Protocol Response Tags | 7573 |
| <wx-status> | 7573 |
| Summary of Zones Response Tags | 7573 |
| <zones-functional> | 7573 |
| <zones-information> | 7574 |
| <zones-management> | 7574 |
| <zones-management-interfaces> | 7574 |
| <zones-security> | 7575 |
| <zones-security-interfaces> | 7575 |

Part 4**Junos XML Document Type Definitions**

| | | |
|------------|---|------|
| Chapter 17 | DTD for Accounting Response Tags | 7581 |
| Chapter 18 | DTD for Adaptive Services Response Tags | 7593 |
| Chapter 19 | DTD for Alarm Response Tags | 7649 |
| Chapter 20 | DTD for ANCP Response Tags | 7651 |
| Chapter 21 | DTD for APPIDD Response Tags | 7657 |
| Chapter 22 | DTD for APS Response Tags | 7661 |
| Chapter 23 | DTD for ARP Response Tags | 7663 |
| Chapter 24 | DTD for Authentication Response Tags | 7665 |
| Chapter 25 | DTD for BFD Response Tags | 7673 |
| Chapter 26 | DTD for CFM Response Tags | 7677 |
| Chapter 27 | DTD for Chassis Response Tags | 7693 |
| Chapter 28 | DTD for Clock Synchronization Response Tags | 7719 |
| Chapter 29 | DTD for Class-of-Service Response Tags | 7723 |
| Chapter 30 | DTD for Database Replication Response Tags | 7737 |
| Chapter 31 | DTD for Dynamic Flow Capture Response Tags | 7739 |
| Chapter 32 | DTD for DHCP Relay Response Tags | 7743 |
| Chapter 33 | DTD for DHCP Server Response Tags | 7747 |
| Chapter 34 | DTD for DHCP Response Tags | 7753 |
| Chapter 35 | DTD for Dialer Response Tags | 7757 |
| Chapter 36 | DTD for Dynamic Configuration Response Tags | 7761 |
| Chapter 37 | DTD for Firewall Filter Response Tags | 7767 |
| Chapter 38 | DTD for J20 GGSN Response Tags | 7769 |
| Chapter 39 | DTD for GRES Test Point Response Tags | 7785 |
| Chapter 40 | DTD for UDP Forwarding Helper Response Tags | 7787 |
| Chapter 41 | DTD for ICCP Response Tags | 7789 |
| Chapter 42 | DTD for IDP Response Tags | 7791 |
| Chapter 43 | DTD for Interface Metadata Response Tags | 7801 |
| Chapter 44 | DTD for Interfaces Response Tags | 7803 |
| Chapter 45 | DTD for IPsec Response Tags | 7869 |
| Chapter 46 | DTD for IPv6 Neighbor Discovery Response Tags | 7879 |
| Chapter 47 | DTD for Junos Diameter Response Tags | 7881 |
| Chapter 48 | DTD for JNX Example Response Tags | 7897 |
| Chapter 49 | DTD for L2AL Response Tags | 7899 |
| Chapter 50 | DTD for L2CP Response Tags | 7911 |
| Chapter 51 | DTD for LACPD Response Tags | 7925 |
| Chapter 52 | DTD for LFM Response Tags | 7929 |
| Chapter 53 | DTD for License Response Tags | 7935 |

| | | |
|------------|--|------|
| Chapter 54 | DTD for Licensed Feature Metadata Response Tags | 7939 |
| Chapter 55 | DTD for MIP Response Tags | 7941 |
| Chapter 56 | DTD for MPLS OAM Response Tags | 7947 |
| Chapter 57 | DTD for MSP Info Response Tags | 7951 |
| Chapter 58 | DTD for OAM Response Tags | 7953 |
| Chapter 59 | DTD for Packet Triggered Subscribers Response Tags | 7955 |
| Chapter 60 | DTD for Passive Monitoring Response Tags | 7961 |
| Chapter 61 | DTD for PGM Response Tags | 7965 |
| Chapter 62 | DTD for PKI Response Tags | 7969 |
| Chapter 63 | DTD for PPM Response Tags | 7975 |
| Chapter 64 | DTD for PPP Response Tags | 7979 |
| Chapter 65 | DTD for UDP PPPoED Response Tags | 7985 |
| Chapter 66 | DTD for Probe Tests Response Tags | 7989 |
| Chapter 67 | DTD for System Process Response Tags | 7995 |
| Chapter 68 | DTD for Product Metadata Response Tags | 8001 |
| Chapter 69 | DTD for R2CPD Response Tags | 8003 |
| Chapter 70 | DTD for Redundant Interfaces Response Tags | 8007 |
| Chapter 71 | DTD for Relay Response Tags | 8009 |
| Chapter 72 | DTD for Resource Cleanup Response Tags | 8011 |
| Chapter 73 | DTD for Routing Protocols Response Tags | 8013 |
| Chapter 74 | DTD for RPM Response Tags | 8133 |
| Chapter 75 | DTD for Routing and Forwarding Response Tags | 8139 |
| Chapter 76 | DTD for SDX Response Tags | 8143 |
| Chapter 77 | DTD for SecPolInfo Response Tags | 8145 |
| Chapter 78 | DTD for Services Accounting Response Tags | 8147 |
| Chapter 79 | DTD for Services Flow Collector Response Tags | 8155 |
| Chapter 80 | DTD for Shared Memory Event Library Response Tags | 8159 |
| Chapter 81 | DTD for Shutdown Response Tags | 8161 |
| Chapter 82 | DTD for Server Load Balancer Response Tags | 8163 |
| Chapter 83 | DTD for SMPL Response Tags | 8169 |
| Chapter 84 | DTD for SNMP Response Tags | 8171 |
| Chapter 85 | DTD for Static Subscribers Response Tags | 8179 |
| Chapter 86 | DTD for Statistics Response Tags | 8181 |
| Chapter 87 | DTD for Subscriber Management Response Tags | 8209 |
| Chapter 88 | DTD for Subscribers Response Tags | 8211 |
| Chapter 89 | DTD for Switchover Response Tags | 8217 |
| Chapter 90 | DTD for VRRPD Response Tags | 8219 |
| Chapter 91 | DTD for X.509 Certificate Response Tags | 8225 |

Part 5

Index

| | |
|-------------|------|
| Index | 8231 |
|-------------|------|

About This Guide

This preface provides the following guidelines for using the *Junos[®] OS XML API Operational Reference*:

- Junos OS Documentation and Release Notes on page ccxcv
- Objectives on page ccxcv
- Audience on page ccxcvi
- Supported Platforms on page ccxcvii
- Using the Examples in This Manual on page ccxcvii
- Documentation Conventions on page ccxcviii
- Documentation Feedback on page ccc
- Requesting Technical Support on page ccc

Junos OS Documentation and Release Notes

For a list of related Junos OS documentation, see <http://www.juniper.net/techpubs/software/junos/>.

If the information in the latest release notes differs from the information in the documentation, follow the *Junos OS Release Notes*.

To obtain the most current version of all Juniper Networks[®] technical documentation, see the product documentation page on the Juniper Networks website at <http://www.juniper.net/techpubs/>.

Juniper Networks supports a technical book program to publish books by Juniper Networks engineers and subject matter experts with book publishers around the world. These books go beyond the technical documentation to explore the nuances of network architecture, deployment, and administration using the Junos operating system (Junos OS) and Juniper Networks devices. In addition, the Juniper Networks Technical Library, published in conjunction with O'Reilly Media, explores improving network security, reliability, and availability using Junos OS configuration techniques. All the books are for sale at technical bookstores and book outlets around the world. The current list can be viewed at <http://www.juniper.net/books>.

Objectives

This reference provides complete information about the tag elements in the Junos Extensible Markup Language (XML) application programming interface (API) that the

Junos XML management protocol and NETCONF XML Management protocol client applications can use to request information about the operational status of a router. The tag elements are equivalent to operational mode commands in the Junos OS command-line interface (CLI).



NOTE: For additional information about the Junos XML API software—either corrections to or information that might have been omitted from this guide—see the software release notes at <http://www.juniper.net/>.

Audience

This reference is designed for Juniper Networks customers who want to write custom applications for monitoring routing platforms that run the Junos OS. It assumes that you are familiar with basic terminology and concepts of XML, with XML-parsing utilities such as the Document Object Model (DOM) or Simple API for XML (SAX), and with the Junos OS command-line interface (CLI).

In addition, you need a broad understanding of networks in general, the Internet in particular, networking principles, and network configuration. You must also be familiar with one or more of the following Internet routing protocols:

- Border Gateway Protocol (BGP)
- Distance Vector Multicast Routing Protocol (DVMRP)
- Intermediate System-to-Intermediate System (IS-IS)
- Internet Control Message Protocol (ICMP) router discovery
- Internet Group Management Protocol (IGMP)
- Multiprotocol Label Switching (MPLS)
- Open Shortest Path First (OSPF)
- Protocol-Independent Multicast (PIM)
- Resource Reservation Protocol (RSVP)
- Routing Information Protocol (RIP)
- Simple Network Management Protocol (SNMP)

Personnel operating the equipment must be trained and competent; must not conduct themselves in a careless, willfully negligent, or hostile manner; and must abide by the instructions provided by the documentation.

Supported Platforms

For the features described in this reference, the Junos OS currently supports the following devices:

- J Series
- M Series
- MX Series
- T Series
- EX Series
- QFX Series
- SRX Series

Using the Examples in This Manual

If you want to use the examples in this manual, you can use the **load merge** or the **load merge relative** command. These commands cause the software to merge the incoming configuration into the current candidate configuration. If the example configuration contains the top level of the hierarchy (or multiple hierarchies), the example is a *full example*. In this case, use the **load merge** command.

If the example configuration does not start at the top level of the hierarchy, the example is a *snippet*. In this case, use the **load merge relative** command. These procedures are described in the following sections.

Merging a Full Example

To merge a full example, follow these steps:

1. From the HTML or PDF version of the manual, copy a configuration example into a text file, save the file with a name, and copy the file to a directory on your routing platform.

For example, copy the following configuration to a file and name the file **ex-script.conf**. Copy the **ex-script.conf** file to the **/var/tmp** directory on your routing platform.

```
system {
  scripts {
    commit {
      file ex-script.xsl;
    }
  }
}
interfaces {
  fxp0 {
    disable;
    unit 0 {
      family inet {
        address 10.0.0.1/24;
      }
    }
  }
}
```

```
    }  
  }  
}
```

2. Merge the contents of the file into your routing platform configuration by issuing the **load merge** configuration mode command:

```
[edit]  
user@host# load merge /var/tmp/ex-script.conf  
load complete
```

Merging a Snippet

To merge a snippet, follow these steps:

1. From the HTML or PDF version of the manual, copy a configuration snippet into a text file, save the file with a name, and copy the file to a directory on your routing platform.

For example, copy the following snippet to a file and name the file **ex-script-snippet.conf**. Copy the **ex-script-snippet.conf** file to the **/var/tmp** directory on your routing platform.

```
commit {  
  file ex-script-snippet.xml; }
```

2. Move to the hierarchy level that is relevant for this snippet by issuing the following configuration mode command:

```
[edit]  
user@host# edit system scripts  
[edit system scripts]
```

3. Merge the contents of the file into your routing platform configuration by issuing the **load merge relative** configuration mode command:

```
[edit system scripts]  
user@host# load merge relative /var/tmp/ex-script-snippet.conf  
load complete
```

For more information about the **load** command, see the *Junos OS CLI User Guide*.

Documentation Conventions

Table 1 on page ccxcix defines notice icons used in this guide.

Table 1: Notice Icons




| Icon | Meaning | Description |
|---|--------------------|---|
|  | Informational note | Indicates important features or instructions. |
|  | Caution | Indicates a situation that might result in loss of data or hardware damage. |
|  | Warning | Alerts you to the risk of personal injury or death. |
|  | Laser warning | Alerts you to the risk of personal injury from a laser. |

Table 2 on page ccxcix defines the text and syntax conventions used in this guide.

Table 2: Text and Syntax Conventions

| Convention | Description | Examples |
|------------------------------|--|---|
| Bold text like this | Represents text that you type. | To enter configuration mode, type the configure command: <code>user@host> configure</code> |
| Fixed-width text like this | Represents output that appears on the terminal screen. | <code>user@host> show chassis alarms</code> <code>No alarms currently active</code> |
| <i>Italic text like this</i> | <ul style="list-style-type: none"> Introduces important new terms. Identifies book names. Identifies RFC and Internet draft titles. | <ul style="list-style-type: none"> A policy <i>term</i> is a named structure that defines match conditions and actions. <i>Junos OS System Basics Configuration Guide</i> RFC 1997, <i>BGP Communities Attribute</i> |
| <i>Italic text like this</i> | Represents variables (options for which you substitute a value) in commands or configuration statements. | Configure the machine's domain name: [edit] root@# set system domain-name <i>domain-name</i> |
| Text like this | Represents names of configuration statements, commands, files, and directories; interface names; configuration hierarchy levels; or labels on routing platform components. | <ul style="list-style-type: none"> To configure a stub area, include the stub statement at the [edit protocols ospf area area-id] hierarchy level. The console port is labeled CONSOLE. |
| < > (angle brackets) | Enclose optional keywords or variables. | <code>stub <default-metric metric>;</code> |

Table 2: Text and Syntax Conventions (*continued*)

| Convention | Description | Examples |
|--------------------------------|--|---|
| (pipe symbol) | Indicates a choice between the mutually exclusive keywords or variables on either side of the symbol. The set of choices is often enclosed in parentheses for clarity. | broadcast multicast (<i>string1</i> <i>string2</i> <i>string3</i>) |
| # (pound sign) | Indicates a comment specified on the same line as the configuration statement to which it applies. | rsvp { # Required for dynamic MPLS only |
| [] (square brackets) | Enclose a variable for which you can substitute one or more values. | community name members [community-ids] |
| Indentation and braces ({ }) | Identify a level in the configuration hierarchy. | [edit] routing-options { static { route default { nexthop <i>address</i> ; retain; } } } |
| ;(semicolon) | Identifies a leaf statement at a configuration hierarchy level. | |
| J-Web GUI Conventions | | |
| Bold text like this | Represents J-Web graphical user interface (GUI) items you click or select. | <ul style="list-style-type: none"> In the Logical Interfaces box, select All Interfaces. To cancel the configuration, click Cancel. |
| > (bold right angle bracket) | Separates levels in a hierarchy of J-Web selections. | In the configuration editor hierarchy, select Protocols>Ospf . |

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can send your comments to techpubs-comments@juniper.net, or fill out the documentation feedback form at <https://www.juniper.net/cgi-bin/docbugreport/>. If you are using e-mail, be sure to include the following information with your comments:

- Document or topic name
- URL or page number
- Software release version (if applicable)

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC support contract,

or are covered under warranty, and need postsales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <http://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf> .
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/> .
- JTAC Hours of Operation —The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <http://www.juniper.net/customers/support/>
- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://www.juniper.net/alerts/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://tools.juniper.net/SerialNumberEntitlementSearch/>

Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <http://www.juniper.net/cm/> .
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, visit us at <http://www.juniper.net/support/requesting-support.html>

PART 1

Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands

- Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for M, MX, and T Series on page 3
- Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for EX Series and QFX Series on page 53
- Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for J Series and SRX Series on page 63

CHAPTER 1

Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for M, MX, and T Series

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---------------------------------------|---|--|
| clear ancp neighbor | <clear-ancp-neighbor-connection> | <ancp-neighbor-information> |
| clear ancp subscriber identifier | <clear-ancp-subscriber-identifier-information> | <ancp-subscriber-identifier-information> |
| clear arp | <clear-arp-table> | <clear-arp-table-results> |
| clear bgp damping | <clear-bgp-damping> | <NONE> |
| clear bgp neighbor | <clear-bgp-neighbor> | <NONE> |
| clear bgp table | <clear-bgp-table> | <NONE> |
| clear bridge mac-table | <clear-bridge-mac-table> | <NONE> |
| clear bridge mac-table interface | <clear-bridge-interface-mac-table> | <NONE> |
| clear database-replication statistics | <clear-database-replication-statistics-information> | <NONE> |
| clear dhcp relay binding | <clear-dhcp-relay-binding-information> | <NONE> |
| clear dhcp relay statistics | <clear-dhcp-relay-statistics-information> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|------------------------------------|--|---------------------------|
| clear dhcp server binding | <clear-dhcp-server-binding-information> | <NONE> |
| clear dhcp server statistics | <clear-server-statistics-information> | <NONE> |
| clear dhcpv6 server binding | <clear-dhcpv6-server-binding-information> | <NONE> |
| clear dhcpv6 server statistics | <clear-dhcpv6-server-statistics-information> | <NONE> |
| clear diameter function | <clear-diameter-function> | <NONE> |
| clear diameter peer | <clear-diameter-peer> | <NONE> |
| clear dot1x interface | <clear-dot1x-interface-session> | <dot1x-interface-session> |
| clear dot1x mac-address | <clear-dot1x-mac-session> | <dot1x-mac-session> |
| clear helper statistics | <clear-helper-statistics-information> | <NONE> |
| clear interfaces statistics | <clear-interfaces-statistics> | <NONE> |
| clear interfaces statistics all | <clear-interfaces-statistics-all> | <NONE> |
| clear ipv6 neighbors | <clear-ipv6-nd-information> | <ipv6-modify-nd> |
| clear isis adjacency | <clear-isis-adjacency-information> | <NONE> |
| clear isis database | <clear-isis-database-information> | <NONE> |
| clear isis overload | <clear-isis-overload-information> | <NONE> |
| clear isis statistics | <clear-isis-statistics-information> | <NONE> |
| clear lacp statistics interfaces | <clear-lacp-interface-statistics> | <NONE> |
| clear mobile-ip binding all | <clear-binding-all> | <NONE> |
| clear mobile-ip binding ip-address | <clear-binding-ip> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|-------------------------------------|
| clear mobile-ip binding nai | <clear-binding-nai> | <NONE> |
| clear mobile-ip visitor all | <clear-visitor-all> | <NONE> |
| clear mobile-ip visitor ip-address | <clear-visitor-ip> | <NONE> |
| clear mobile-ip visitor nai | <clear-visitor-nai> | <NONE> |
| clear mpls lsp | <clear-mpls-lsp-information> | <NONE> |
| clear mpls static-lsp | <clear-mpls-static-lsp-information> | <NONE> |
| clear mvrp statistics | <clear-mvrp-interface-statistics> | <NONE> |
| clear network-access aaa statistics | <clear-aaa-statistics-table> | <clear-aaa-module-statistics> |
| clear network-access aaa subscriber | <clear-aaa-subscriber-table> | <NONE> |
| clear network-access aaa subscriber statistics | <clear-aaa-subscriber-table-specific-statistics> | <NONE> |
| clear network-access gx-plus replay | <clear-gx-plus-replay-information> | <none> |
| clear network-access gx-plus statistics | <clear-gx-plus-statistics-information> | <none> |
| clear network-access requests pending | <clear-authentication-pending-table> | <NONE> |
| clear network-access requests statistics | <clear-authentication-statistics> | <NONE> |
| clear network-access securid-node-secret-file | <clear-node-secret-file> | <NONE> |
| clear oam ethernet connectivity-fault-management continuity-measurement | <clear-cfm-continuity-measurement> | <cfmd-clear-continuity-measurement> |
| clear oam ethernet connectivity-fault-management delay-statistics | <clear-cfm-delay-statistics> | <cfmd-clear-delay-statistics> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|------------------------------|
| clear oam ethernet connectivity-fault-management loss-statistics | <clear-cfm-loss-statistics> | <cfmd-clear-loss-statistics> |
| clear oam ethernet connectivity-fault-management path-database | <clear-cfm-linktrace-path-database> | <NONE> |
| clear oam ethernet connectivity-fault-management sla-iterator-statistics | <clear-cfm-iterator-statistics> | <NONE> |
| clear oam ethernet connectivity-fault-management statistics | <clear-cfm-statistics> | <NONE> |
| clear oam ethernet lmi statistics | <clear-elmi-statistics> | <NONE> |
| clear ospf database | <clear-ospf-database-information> | <NONE> |
| clear ospf io-statistics | <clear-ospf-io-statistics-information> | <NONE> |
| clear ospf neighbor | <clear-ospf-neighbor-information> | <NONE> |
| clear ospf overload | <clear-ospf-overload-information> | <NONE> |
| clear ospf statistics | <clear-ospf-statistics-information> | <NONE> |
| clear ospf3 database | <clear-ospf3-database-information> | <NONE> |
| clear ospf3 io-statistics | <clear-ospf3-io-statistics-information> | <NONE> |
| clear ospf3 neighbor | <clear-ospf3-neighbor-information> | <NONE> |
| clear ospf3 overload | <clear-ospf3-overload-information> | <NONE> |
| clear ospf3 statistics | <clear-ospf3-statistics-information> | <NONE> |
| clear passive-monitoring | <clear-passive-monitoring> | <NONE> |
| clear passive-monitoring statistics | <clear-passive-monitoring-statistics> | <NONE> |
| clear ppp statistics | <clear-ppp-statistics-information> | <NONE> |
| clear rsvp session | <clear-rsvp-session-information> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|--|
| clear rsvp statistics | <clear-rsvp-counters-information> | <NONE> |
| clear security idp application-ddos cache | <clear-idp-appddos-cache> | <NONE> |
| clear security idp application-identification application-system-cache | <clear-idp-application-system-cache> | <clear-idp-application-system-cache-information> |
| clear security idp application-statistics | <clear-idp-applications-information> | <idp-applications-information> |
| clear security idp attack table | <clear-idp-attack-table> | <clear-idp-attack-table-information> |
| clear security idp counters | <clear-idp-counters-by-counter-class> | <clear-idp-counters-by-counter-class-information> |
| clear security idp ssl-inspection session-id-cache | <clear-idp-ssl-session-cache-information> | <clear-idp-ssl-session-cache-information> |
| clear security idp status | <clear-idp-status-information> | <clear-idp-status-information> |
| clear security pki ca-certificate | <clear-pki-ca-certificate> | <NONE> |
| clear security pki certificate-request | <clear-pki-certificate-request> | <NONE> |
| clear security pki crl | <clear-pki-crl> | <NONE> |
| clear security pki key-pair | <clear-pki-key-pair> | <NONE> |
| clear security pki local-certificate | <clear-pki-local-certificate> | <NONE> |
| clear services application-identification application-system-cache | <clear-appid-application-system-cache> | <clear-appid-application-system-cache-information> |
| clear services application-identification counter | <clear-appid-counter> | <clear-appid-counter> |
| clear services border-signaling-gateway denied-messages | <clear-service-bsg-denied-messages> | <bsg-statistics-clear-denied-messages> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|---|
| clear services border-signaling-gateway name-resolution-cache | <clear-service- border- signaling- gateway- name- resolution-cache> | <bsg-drain-nr-details> |
| clear services border-signaling-gateway name-resolution-cache all | <clear- service- border- signaling- gateway- name- resolution-cache-all> | <bsg-drain-nr-details> |
| clear services border-signaling-gateway registrations | <clear- service-bsg- registrations> | <clear-service-bsg-registrations> |
| clear services border-signaling-gateway registrations statistics | <clear-service- bsg- registrations- statistics> | <clear-service-bsg-registrations> |
| clear services border-signaling-gateway registrations subscription | <clear-services- bsg- registrations- subscription> | <clear-services-bsg-registrations-subscription> |
| clear services border-signaling-gateway statistics | <clear-service- border- signaling- gateway- statistics> | <service-border-signaling-gateway-drain-information> |
| clear services dynamic-flow-capture criteria | <clear-services- dynamic-flow- capture- criteria> | <clear-services-dynamic-flow-capture-criteria> |
| clear services dynamic-flow-capture sequence-number | <clear- services- dynamic-flow- capture-sequence- number> | <clear-services- dynamic-flow- capture- sequence- number-results> |
| clear services flow-collector | <clear-services-flow-collector-information> | <NONE> |
| clear services flow-collector statistics | <clear-services- flow-collector- statistics> | <clear-services-flow-collector-response> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|---|
| clear services flows | <clear-service-msp-flow-table-information> | <service-msp-flow-drain-information> |
| clear services flows ip-action | <clear-service-msp-flow-ipaction-table> | <service-msp-flow-drain-information> |
| clear services nat statistics | <clear-service-nat-statistics-information> | <none> |
| clear services pgcp gates | <clear-service-pgcp-gates> | <service-pgcp-gates-drain-information> |
| clear services pgcp gates gateway | <clear-service-pgcp-gates-gateway> | <service-pgcp-gates-gateway-drain-information> |
| clear services pgcp statistics | <clear-service-pgcp-statistics> | <service-pgcp-statistics-drain-information> |
| clear services pgcp statistics gateway | <clear-service-pgcp-statistics-gateway> | <service-pgcp-statistics-gateway-drain-information> |
| clear services service-sets statistics packet-drops | <clear-service-set-packet-drop-statistics> | <service-set-packet-drop-statistics> |
| clear services service-sets statistics syslog | <clear-service-set-syslog-statistics> | <service-set-syslog-drop-statistics> |
| clear services stateful-firewall flow-analysis | <clear-service-flow-analysis> | <clear-service-flow-analysis> |
| clear services stateful-firewall flows | <clear-service-sfw-flow-table-information> | <service-sfw-flow-drain-information> |
| clear services stateful-firewall sip-call | <clear-service-sfw-sip-call-information> | <service-sfw-sip-call-drain-information> |
| clear services stateful-firewall sip-register | <clear-service-sfw-sip-register-information> | <service-sfw-sip-register-drain-information> |
| clear synchronous-ethernet esmc statistics | <clear-synchronous-ethernet-esmc-statistics> | <clock-synchronization-clear-output> |
| clear system commit | <clear-system-commit> | <NONE> |
| clear system reboot | <clear-reboot> | <clear-reboot-status> |
| clear system services dhcp binding | <clear-dhcp-binding-information> | <NONE> |
| clear system services dhcp conflict | <clear-dhcp-conflict-information> | <NONE> |
| clear system services dhcp statistics | <clear-dhcp-statistics-information> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|------------------------------------|--|--------------------------|
| clear system services reverse | <clear-system-services-reverse-information> | <NONE> |
| clear vpls mac-table | <clear-vpls-mac-table> | <NONE> |
| clear vpls mac-table interface | <clear-vpls-interface-mac-table> | <NONE> |
| clear vrrp | <clear-vrrp-information> | <vrrp-message> |
| clear vrrp interface | <clear-vrrp-interface-statistics> | <vrrp-message> |
| file checksum md5 | <get-checksum-information> | <checksum-information> |
| file checksum sha-256 | <get-sha256-checksum-information> | <checksum-information> |
| file checksum sha1 | <get-sha1-checksum-information> | <checksum-information> |
| file compare | <file-compare> | <NONE> |
| file delete | <file-delete> | <NONE> |
| file list | <file-list> | <directory-list> |
| file show | <file-show> | <file-content> |
| help syslog | <get-syslog-tag-information> | <syslog-tag-information> |
| help syslog facility | <get-syslog-facility-information> | <syslog-tag-information> |
| help tip cli | <get-cli-tip> | <NONE> |
| monitor ethernet delay-measurement | <request-monitor-ethernet-delay-measurement> | <ethdm-results> |
| monitor ethernet loss-measurement | <request-monitor-ethernet-loss-measurement> | <ethlm-results> |
| op | <op-script> | <NONE> |
| ping | <ping> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|-------------------------------------|---|----------------------|
| ping ethernet | <request-ping-ethernet> | <ethping-results> |
| ping fibre-channel fcid | <request-ping-fc-fcid> | <NONE> |
| ping fibre-channel wwn | <request-ping-fc-wwn> | <NONE> |
| ping mpls bgp | <request-ping-bgp-lsp> | <NONE> |
| ping mpls l2circuit interface | <request-ping-l2circuit-interface> | <NONE> |
| ping mpls l2circuit virtual-circuit | <request-ping-l2circuit-virtual-circuit> | <NONE> |
| ping mpls l2vpn instance | <request-ping-l2vpn-instance> | <NONE> |
| ping mpls l2vpn interface | <request-ping-l2vpn-interface> | <NONE> |
| ping mpls l3vpn | <request-ping-l3vpn> | <NONE> |
| ping mpls ldp | <request-ping-ldp-lsp> | <NONE> |
| ping mpls ldp p2mp | <request-ping-ldp-p2mp-lsp> | <NONE> |
| ping mpls lsp-end-point | <request-ping-lsp-end-point> | <NONE> |
| ping mpls rsvp | <request-ping-rsvp-lsp> | <NONE> |
| ping mpls rsvp dynamic-bypass | <request-ping-rsvp-dynamic-bypass-lsp> | <NONE> |
| ping mpls rsvp manual-bypass | <request-ping-rsvp-manual-bypass-lsp> | <NONE> |
| ping vpls instance | <request-ping-vpls-instance> | <NONE> |
| quit | <request-end-session> | <end-session> |
| request chassis feb | <request-feb> | <NONE> |
| request chassis redundancy feb | <request-redundancy-feb> | <NONE> |
| request dhcp server reconfigure | <request-dhcp-server-reconfigure-information> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|------------------------------|
| request dhcpv6 server reconfigure | <request-dhcpv6-server-reconfigure-information> | <NONE> |
| request interface revert | <revert-redundancy-interface-to-primary> | <none> |
| request interface switchover | <switch-redundancy-interface-to-secondary> | <none> |
| request protection-group ethernet-aps | <request-protection-group-ethernet-aps> | <NONE> |
| request security datapath-debug action-profile reload-all | <reload-eedebg-action-profile> | <message> |
| request security idp security-package download | <request-idp-security-package-download> | <secpack-download-status> |
| request security idp security-package download version | <request-idp-security-package-download-version> | <secpack-download-status> |
| request security idp security-package install | <request-idp-security-package-install> | <secpack-update-status> |
| request security idp ssl-inspection key add | <request-idp-ssl-key-add> | <request-idp-ssl-key-add> |
| request security idp ssl-inspection key delete | <request-idp-ssl-key-delete> | <request-idp-ssl-key-delete> |
| request security pki ca-certificate load | <load-pki-ca-certificate> | <NONE> |
| request security pki ca-certificate verify | <verify-pki-ca-certificate> | <NONE> |
| request security pki crl load | <load-pki-crl> | <NONE> |
| request security pki generate-certificate-request | <generate-pki-certificate-request> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| request security pki generate-key-pair | <generate-pki-key-pair> | <NONE> |
| request security pki local-certificate generate-self-signed | <generate-pki-self-signed-local-certificate> | <NONE> |
| request security pki local-certificate load | <load-pki-local-certificate> | <NONE> |
| request security pki local-certificate verify | <verify-pki-local-certificate> | <NONE> |
| request services application-identification download | <request-appid-application-package-download> | <appid-download-status> |
| request services application-identification download status | <request-appid-application-package-download-status> | <appid-download-status> |
| request services application-identification download version | <request-appid-application-package-download-version> | <appid-download-status> |
| request services application-identification uninstall | <request-appid-application-package-uninstall> | <appid-apppack-uninstall> |
| request services flow-collector change-destination | <request-services-flow-collector-destination> | <flow-collector-destination-response> |
| request services flow-collector test-file-transfer | <request-services-flow-collector-test-file-transfer> | <flow-collector-test-file-transfer-response> |
| request services ggsn pdp terminate apn | <request-ggsn-terminate-contexts-apn> | <apn-pdp-context-deletion-results> |
| request services ggsn pdp terminate context | <request-ggsn-terminate-context> | <pdp-context-deletion-results> |
| request services ggsn pdp terminate context msisdn | <request-ggsn-terminate-msisdn-context> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---------------------------------------|-----------------------------|
| request services ggsn restart interface | <request-ggsn-restart-interface> | <interface-action-results> |
| request services ggsn restart node | <request-ggsn-restart-node> | <node-action-results> |
| request services ggsn stop interface | <request-ggsn-stop-interface> | <interface-action-results> |
| request services ggsn stop node | <request-ggsn-stop-node> | <NONE> |
| request services ggsn trace software update | <request-ggsn-software-update> | <software-action-results> |
| request services ggsn trace start imsi | <request-ggsn-start-imsi-trace> | <NONE> |
| request services ggsn trace start msisdn | <request-ggsn-start-msisdn-trace> | <NONE> |
| request services ggsn trace stop all | <request-ggsn-stop-trace-activity> | <NONE> |
| request services ggsn trace stop imsi | <request-ggsn-stop-imsi-trace> | <NONE> |
| request services ggsn trace stop msisdn | <request-ggsn-stop-msisdn-trace> | <NONE> |
| request snmp spoof-trap | <request-snmp-spoof-trap> | <snmp-spoof-trap-results> |
| request system configuration rescue delete | <request-delete-rescue-configuration> | <rescue-management-results> |
| request system configuration rescue save | <request-save-rescue-configuration> | <rescue-management-results> |
| request system fips self-test | <fips-selftest> | <fips-selftest> |
| request system halt | <request-halt> | <NONE> |
| request system license delete | <request-license-delete> | <NONE> |
| request system license update | <request-license-update> | <NONE> |
| request system logout | <request-logout-user> | <logout-user> |
| request system power-off | <request-power-off> | <NONE> |
| request system reboot | <request-reboot> | <request-reboot-results> |
| request system scripts add | <request-scripts-package-add> | <NONE> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--------------------------------------|--------------------------------------|
| request system scripts delete | <request-scripts-package-delete> | <NONE> |
| request system scripts event-scripts reload | <reload-event-scripts> | <event-scripts-reload> |
| request system scripts refresh-from | <request-script-refresh-from> | <NONE> |
| request system scripts rollback | <request-scripts-package-rollback> | <NONE> |
| request system snapshot | <request-snapshot> | <NONE> |
| request system software abort in-service-upgrade | <abort-in-service-upgrade> | <NONE> |
| request system software add | <request-package-add> | <NONE> |
| request system software delete | <request-package-delete> | <NONE> |
| request system software delete-backup | <request-package-delete-backup> | <NONE> |
| request system software in-service-upgrade | <request-package-in-service-upgrade> | <NONE> |
| request system software nonstop-upgrade | <request-package-nonstop-upgrade> | <NONE> |
| request system software rollback | <request-package-rollback> | <NONE> |
| request system software validate | <request-package-validate> | <NONE> |
| request system software validate in-service-upgrade | <check-in-service-upgrade> | <NONE> |
| request system storage cleanup | <request-system-storage-cleanup> | <system-storage-cleanup-information> |
| set cli logical-system | <set-logical-router> | <NONE> |
| show accounting profile | <get-accounting-profile-information> | <accounting-profile-information> |
| show accounting records | <get-accounting-record-information> | <accounting-record-information> |
| show amt statistics | <get-amt-statistics> | <amt-instance-statistics> |
| show amt summary | <get-amt-summary> | <amt-summary> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--------------------------------------|---|---|
| show amt tunnel | <get-amt-tunnel-information> | <amt-tunnel-information> |
| show ancp cos | <get-ancp-cos-information> | <ancp-cos-information> |
| show ancp cos last-update | <get-ancp-cos-last-update-information> | <ancp-cos-information> |
| show ancp cos pending-update | <get-ancp-cos-pending-information> | <ancp-cos-information> |
| show ancp neighbor | <get-ancp-neighbor-information> | <ancp-neighbor-information> |
| show ancp subscriber | <get-ancp-subscriber-information> | <ancp-subscriber-information> |
| show arp | <get-arp-table-information> | <arp-table-information> |
| show bfd session | <get-bfd-session-information> | <bfd-session-information> |
| show bgp group | <get-bgp-group-information> | <bgp-group-information> |
| show bgp group rtf | <get-bgp-rtf-information> | <bgp-rtf-information> |
| show bgp group traffic-statistics | <get-bgp-traffic-statistics-information> | <bgp-traffic-statistics-information> |
| show bgp neighbor | <get-bgp-neighbor-information> | <bgp-information> |
| show bgp neighbor orf | <get-bgp-orf-information> | <bgp-orf-information> |
| show bgp summary | <get-bgp-summary-information> | <bgp-information> |
| show bridge domain | <get-bridge-instance-information> | <NONE> |
| show bridge flood event-queue | <get-bridge-domain-event-queue-information> | <l2ald-bridge-domain-flood-event-queue> |
| show bridge flood route all-ce-flood | <get-show-bridge-domain-all-ce-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |
| show bridge flood route all-ve-flood | <get-show-bridge-domain-ve-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|---|
| show bridge flood route alt-root-flood | <get-bridge-domain-alt-root-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |
| show bridge flood route bd-flood | <get-bridge-domain-bd-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |
| show bridge flood route mlp-flood | <get-bridge-domain-mlp-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |
| show bridge flood route re-flood | <get-bridge-domain-re-flood-route-information> | <l2ald-bridge-domain-flood-route-information> |
| show bridge mac-table | <get-bridge-mac-table> | <NONE> |
| show bridge mac-table interface | <get-bridge-interface-mac-table> | <NONE> |
| show bridge statistics | <get-bridge-statistics-information> | <bridge-statistics-information> |
| show chassis alarms | <get-alarm-information> | <alarm-information> |
| show chassis cfeb | <get-cfeb-information> | <scb-information> |
| show chassis craft-interface | <get-craft-information> | <craft-information> |
| show chassis environment | <get-environment-information> | <environment-information> |
| show chassis environment cb | <get-environment-cb-information> | <environment-component-information> |
| show chassis environment cip | <get-environment-cip-information> | <environment-component-information> |
| show chassis environment feb | <get-environment-feb-information> | <environment-component-information> |
| show chassis environment fpc | <get-environment-fpc-information> | <environment-component-information> |
| show chassis environment fpm | <get-environment-fpm-information> | <environment-component-information> |
| show chassis environment mcs | <get-environment-mcs-information> | <environment-component-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| show chassis environment pcg | <get-environment-pcg-information> | <environment-component-information> |
| show chassis environment pem | <get-environment-pem-information> | <environment-component-information> |
| show chassis environment power-supply-unit | <get-environment-power-supply-unit-information> | <environment-component-information> |
| show chassis environment psu | <get-environment-psu-information> | <environment-component-information> |
| show chassis environment routing-engine | <get-environment-re-information> | <environment-component-information> |
| show chassis environment scg | <get-environment-scg-information> | <environment-component-information> |
| show chassis environment sfm | <get-environment-sfm-information> | <environment-component-information> |
| show chassis environment sib | <get-environment-sib-information> | <environment-component-information> |
| show chassis fabric device | <get-chassis-fabric-information-device> | <chassis-fabric-information-device> |
| show chassis fabric errors fpc | <get-fm-fpc-errors> | <fm-fru-errors> |
| show chassis fabric errors sib | <get-fm-sib-errors> | <fm-fru-errors> |
| show chassis fabric fpcs | <get-fm-fpc-state-information> | <fm-fpc-state-information> |
| show chassis fabric links | <get-chassis-fabric-link-information> | <chassis-fabric-information> |
| show chassis fabric map | <get-fm-topology> | <fm-topology> |
| show chassis fabric plane | <get-fm-plane-state-information> | <fm-plane-state-information> |
| show chassis fabric plane-location | <get-fm-plane-location-information> | <fm-plane-location-information> |
| show chassis fabric sibs | <get-fm-sib-state-information> | <fm-sib-state-information> |
| show chassis fabric spray-weights | <get-chassis-fabric-spray-weight-information> | <chassis-fabric-spray-weight-information> |
| show chassis fabric summary | <get-fm-state-information> | <fm-state-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---------------------------------------|
| show chassis fabric topology | <get-chassis-fabric-topology-information> | <chassis-fabric-information> |
| show chassis feb | <get-feb-brief-information> | <scb-information> |
| show chassis feb detail | <get-feb-information> | <scb-information> |
| show chassis firmware | <get-firmware-information> | <firmware-information> |
| show chassis forwarding | <get-fwdd-information> | <scb-information> |
| show chassis fpc | <get-fpc-information> | <fpc-information> |
| show chassis fpc pic-status | <get-pic-information> | <fpc-information> |
| show chassis fpc-feb-connectivity | <get-fpc-feb-connectivity-information> | <fpc-feb-connectivity> |
| show chassis hardware | <get-chassis-inventory> | <chassis-inventory> |
| show chassis ioc-npc-connectivity | <get-ioc-npc-connectivity-information> | <ioc-npc-connectivity> |
| show chassis lccs | <get-fru-information> | <fru-information> |
| show chassis location | <get-chassis-location> | <chassis-location> |
| show chassis location interface by-name | <get-interface-location-name-information> | <interface-location-name-information> |
| show chassis location interface by-slot | <get-interface-location-information> | <interface-location-slot-information> |
| show chassis network-services | <network-services> | <network-services> |
| show chassis pic | <get-pic-detail> | <fpc-information> |
| show chassis pic-mode | <get-chassis-pic-mode-information> | <chassis-pic-mode-information> |
| show chassis power | <get-power-usage-information> | <power-usage-information> |
| show chassis power sequence | <get-fru-power-on-sequence> | <fru-power-on-sequence> |
| show chassis power-budget-statistics | <get-power-budget-information> | <power-budget-information> |
| show chassis power-ratings | <get-power-management> | <power-management-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|-------------------------------------|
| show chassis psd | <get-psd-information> | <psd-information> |
| show chassis redundancy feb | <get-feb-redundancy-information> | <feb-redundancy-information> |
| show chassis redundancy feb errors | <get-feb-redundancy-error-information> | <feb-redundancy-error-information> |
| show chassis redundancy feb redundancy-group | <get-feb-redundancy-group-information> | <feb-redundancy-group-information> |
| show chassis redundant-power-system | <get-rps-chassis-information> | <rps-chassis-information> |
| show chassis routing-engine | <get-route-engine-information> | <route-engine-information> |
| show chassis routing-engine bios | <get-bios-version-information> | <NONE> |
| show chassis scb | <get-scb-information> | <scb-information> |
| show chassis sfm | <get-sfm-information> | <scb-information> |
| show chassis sibs | <get-sib-information> | <sib-information> |
| show chassis spmb | <get-spmb-information> | <spmb-information> |
| show chassis spmb sibs | <get-spmb-sib-information> | <sib-information> |
| show chassis ssb | <get-ssb-information> | <scb-information> |
| show chassis synchronization | <get-clock-synchronization-information> | <clock-synchronization-information> |
| show chassis temperature-thresholds | <get-temperature-threshold-information> | <temperature-threshold-information> |
| show chassis tfcb | <get-tfeb-information> | <scb-information> |
| show chassis vcpu | <get-vcpu-information> | <vcpu-information> |
| show chassis zones | <get-chassis-zones-information> | <chassis-zones-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show class-of-service | <get-cos-information> | <cos-information> |
| show class-of-service adaptive-shaper | <get-cos-adaptive-shaper-information> | <cos-adaptive-shaper-information> |
| show class-of-service classifier | <get-cos-classifier-information> | <cos-classifier-information> |
| show class-of-service code-point-aliases | <get-cos-code-point-map-information> | <cos-code-point-map-information> |
| show class-of-service congestion-notification | <get-cos-congestion-notification-information> | <cos-congestion-notification-information> |
| show class-of-service drop-profile | <get-cos-drop-profile-information> | <cos-drop-profile-information> |
| show class-of-service fabric scheduler-map | <get-cos-fabric-scheduler-map-information> | <cos-fabric-scheduler-map-information> |
| show class-of-service fabric statistics | <get-fabric-queue-information> | <fabric-queue-information> |
| show class-of-service forwarding-class | <get-cos-forwarding-class-information> | <cos-forwarding-class-information> |
| show class-of-service forwarding-class-set | <get-cos-forwarding-class-set-information> | <cos-forwarding-class-set-information> |
| show class-of-service forwarding-table | <get-cos-table-information> | <cos-table-information> |
| show class-of-service forwarding-table classifier | <get-cos-classifier-table-information> | <cos-classifier-table-information> |
| show class-of-service forwarding-table classifier mapping | <get-cos-classifier-table-map-information> | <cos-classifier-table-map-information> |
| show class-of-service forwarding-table drop-profile | <get-cos-red-information> | <cos-red-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show class-of-service forwarding-table fabric scheduler-map | <get-cos-fwtab-fabric-scheduler-map-information> | <cos-fwtab-fabric-scheduler-map-information> |
| show class-of-service forwarding-table forwarding-class-map | <get-cos-forwarding-class-map-table-information> | <cos-forwarding-class-map-table-information> |
| show class-of-service forwarding-table forwarding-class-map mapping | <get-cos-forwarding-class-map-interface-table-information> | <cos-forwarding-class-map-interface-table-information> |
| show class-of-service forwarding-table loss-priority-map | <get-cos-loss-priority-map-table-information> | <cos-loss-priority-map-table-information> |
| show class-of-service forwarding-table loss-priority-map mapping | <get-cos-loss-priority-map-table-binding-information> | <cos-loss-priority-map-table-binding-information> |
| show class-of-service forwarding-table policer | <get-cos-policer-table-map-information> | <cos-policer-table-map-information> |
| show class-of-service forwarding-table rewrite-rule | <get-cos-rewrite-table-information> | <cos-rewrite-table-information> |
| show class-of-service forwarding-table rewrite-rule mapping | <get-cos-rewrite-table-map-information> | <cos-rewrite-table-map-information> |
| show class-of-service forwarding-table scheduler-map | <get-cos-scheduler-map-table-information> | <cos-scheduler-map-table-information> |
| show class-of-service forwarding-table shaper | <get-cos-shaper-table-map-information> | <cos-shaper-table-map-information> |
| show class-of-service forwarding-table translation-table | <get-cos-translation-table-information> | <cos-translation-table-information> |
| show class-of-service forwarding-table translation-table mapping | <get-cos-translation-table-mapping-information> | <cos-translation-table-mapping-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show class-of-service fragmentation-map | <get-cos-fragmentation-map-information> | <cos-fragmentation-map-information> |
| show class-of-service interface | <get-cos-interface-map-information> | <cos-interface-information> |
| show class-of-service interface-set | <get-cos-interface-set-map-information> | <cos-interface-set-information> |
| show class-of-service l2tp-session | <get-cos-l2tp-session-map-information> | <cos-l2tp-session-information> |
| show class-of-service loss-priority-map | <get-cos-loss-priority-map-information> | <cos-loss-priority-map-information> |
| show class-of-service multi-destination | <get-cos-multi-destination-information> | <cos-multi-destination-information> |
| show class-of-service rewrite-rule | <get-cos-rewrite-information> | <cos-rewrite-information> |
| show class-of-service routing-instance | <get-cos-routing-instance-map-information> | <cos-routing-instance-information> |
| show class-of-service scheduler-map | <get-cos-scheduler-map-information> | <cos-scheduler-map-information> |
| show class-of-service traffic-control-profile | <get-cos-traffic-control-profile-information> | <cos-traffic-control-profile-information> |
| show class-of-service translation-table | <get-cos-translation-table-map-information> | <cos-translation-table-map-information> |
| show class-of-service virtual-channel | <get-cos-virtual-channel-information> | <cos-virtual-channel-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show class-of-service virtual-channel-group | <get-cos-virtual-channel-group-information> | <cos-virtual-channel-group-information> |
| show cli authorization | <get-authorization-information> | <authorization-information> |
| show database-replication statistics | <get-database-replication-statistics-information> | <database-replication-statistics-information> |
| show database-replication summary | <get-database-replication-summary-information> | <database-replication-summary-information> |
| show dhcp relay binding | <get-dhcp-relay-binding-information> | <dhcp-relay-binding-information> |
| show dhcp relay statistics | <get-dhcp-relay-statistics-information> | <dhcp-relay-statistics-information> |
| show dhcp server binding | <get-dhcp-server-binding-information> | <dhcp-server-binding-information> |
| show dhcp server statistics | <get-dhcp-server-statistics-information> | <dhcp-server-statistics-information> |
| show dhcpv6 server binding | <get-dhcpv6-server-binding-information> | <dhcpv6-server-binding-information> |
| show dhcpv6 server statistics | <get-dhcpv6-server-statistics-information> | <dhcpv6-server-statistics-information> |
| show diameter | <get-diameter-information> | <diameter-information> |
| show diameter function | <get-diameter-function-information> | <diameter-function-information> |
| show diameter function statistics | <get-diameter-function-statistics> | <diameter-function-statistics> |
| show diameter instance | <get-diameter-instance-information> | <diameter-instance-information> |
| show diameter network-element | <get-diameter-network-element-information> | <diameter-network-element-information> |
| show diameter network-element map | <get-diameter-network-element-map-information> | <diameter-network-element-map-information> |
| show diameter peer | <get-diameter-peer-information> | <diameter-peer-information> |
| show diameter peer map | <get-diameter-peer-map-information> | <diameter-peer-map-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|-------------------------------------|
| show diameter peer statistics | <get-diameter-peer-statistics> | <diameter-peer-statistics> |
| show diameter route | <get-diameter-route-information> | <diameter-route-information> |
| show dot1x authentication-failed-users | <get-dot1x-authentication-failed-users> | <dot1x-authentication-failed-users> |
| show dot1x interface | <get-dot1x-interface-information> | <dot1x-interface-information> |
| show dot1x static-mac-address | <get-dot1x-static-mac-addresses> | <dot1x-static-mac-addresses> |
| show dot1x static-mac-address interface | <get-dot1x-interface-mac-addresses> | <dot1x-interface-mac-addresses> |
| show dvmrp interfaces | <get-dvmrp-interfaces-information> | <dvmrp-interfaces-information> |
| show dvmrp neighbors | <get-dvmrp-neighbors-information> | <dvmrp-neighbors-information> |
| show dvmrp prefix | <get-dvmrp-prefix-information> | <dvmrp-prefix-information> |
| show dvmrp prunes | <get-dvmrp-prunes-information> | <dvmrp-prunes-information> |
| show esis adjacency | <get-esis-adjacency-information> | <esis-adjacency-information> |
| show esis interface | <get-esis-interface-information> | <esis-interface-information> |
| show esis statistics | <get-esis-statistics-information> | <esis-statistics-information> |
| show extension-provider system connections | <get-mspinfo-connections> | <mspinfo-raw-output> |
| show extension-provider system packages | <get-mspinfo-packages> | <mspinfo-raw-output> |
| show extension-provider system processes | <get-mspinfo-processes> | <mspinfo-raw-output> |
| show extension-provider system processes brief | <get-mspinfo-processes-brief> | <mspinfo-raw-output> |
| show extension-provider system processes extensive | <get-mspinfo-processes-extensive> | <mspinfo-raw-output> |
| show extension-provider system uptime | <get-mspinfo-uptime> | <mspinfo-raw-output> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show extension-provider system virtual-memory | <get-mspinfo-virtual-memory> | <mspinfo-raw-output> |
| show firewall | <get-firewall-information> | <firewall-information> |
| show firewall counter | <get-firewall-counter-information> | <firewall-counter-information> |
| show firewall filter | <get-firewall-filter-information> | <firewall-filter-information> |
| show firewall filter version | <get-filter-version> | <firewall-information> |
| show firewall log | <get-firewall-log-information> | <firewall-log-information> |
| show firewall prefix-action-stats | <get-firewall-prefix-action-information> | <firewall-prefix-action-information> |
| show helper statistics | <get-helper-statistics-information> | <helper-statistics-information> |
| show igmp group | <get-igmp-group-information> | <igmp-group-information> |
| show igmp interface | <get-igmp-interface-information> | <igmp-interface-information> |
| show igmp output-group | <get-igmp-output-group-information> | <igmp-output-group-information> |
| show igmp snooping interface | <get-igmp-snooping-interface-information> | <igmp-interface-information> |
| show igmp snooping membership | <get-igmp-snooping-membership-information> | <igmp-snooping-membership-information> |
| show igmp snooping statistics | <get-igmp-snooping-statistics-information> | <igmp-statistics-information> |
| show igmp statistics | <get-igmp-statistics-information> | <igmp-statistics-information> |
| show ike security-associations | <get-ike-security-associations-information> | <ike-security-associations-information> |
| show ingress-replication | <get-ingress-replication-information> | <ingress-replication-information> |
| show interfaces | <get-interface-information> | <interface-information> |
| show interfaces destination-class | <get-destination-class-statistics> | <destination-class-statistics> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show interfaces diagnostics optics | <get-interface-optics-diagnostics-information> | <interface-optics-diagnostics-information> |
| show interfaces filters | <get-interface-filter-information> | <interface-filter-information> |
| show interfaces interface-set queue | <get-interface-set-queue-information> | <interface-set-queue-information> |
| show interfaces mac-database | <get-mac-database> | <mac-database> |
| show interfaces policers | <get-interface-policer-information> | <interface-policer-information> |
| show interfaces queue | <get-interface-queue-information> | <interface-information> |
| show interfaces source-class | <get-source-class-statistics> | <source-class-statistics> |
| show ipsec certificates | <get-certificates-information> | <certificates-information> |
| show ipsec certificates crl | <get-crl-information> | <crl-information> |
| show ipsec redundancy interface | <get-ipsec-pic-redundancy-information> | <ipsec-pic-redundancy-information> |
| show ipsec redundancy security-associations | <get-ipsec-tunnel-redundancy-information> | <ipsec-tunnel-redundancy-information> |
| show ipsec security-associations | <get-security-associations-information> | <security-associations-information> |
| show ipv6 neighbors | <get-ipv6-nd-information> | <ipv6-nd-information> |
| show ipv6 router-advertisement | <get-ipv6-ra-information> | <ipv6-ra-information> |
| show isis adjacency | <get-isis-adjacency-information> | <isis-adjacency-information> |
| show isis authentication | <get-isis-authentication-information> | <isis-authentication-information> |
| show isis backup coverage | <get-isis-backup-coverage-information> | <isis-backup-coverage-information> |
| show isis backup label-switched-path | <get-isis-backup-lsp-information> | <isis-backup-lsp-information> |
| show isis backup spf results | <get-isis-backup-spf-results-information> | <isis-backup-spf-results-information> |
| show isis context-identifier | <get-isis-context-identifier-information> | <isis-context-identifier-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show isis context-identifier identifier | <get-isis-context-identifier-origin-information> | <isis-context-identifier-origin-information> |
| show isis database | <get-isis-database-information> | <isis-database-information> |
| show isis hostname | <get-isis-hostname-information> | <isis-hostname-information> |
| show isis interface | <get-isis-interface-information> | <isis-interface-information> |
| show isis overview | <get-isis-overview-information> | <isis-overview-information> |
| show isis route | <get-isis-route-information> | <isis-route-information> |
| show isis spf brief | <get-isis-spf-results-brief-information> | <isis-spf-results-brief-information> |
| show isis spf log | <get-isis-spf-log-information> | <isis-spf-log-information> |
| show isis spf results | <get-isis-spf-results-information> | <isis-spf-results-information> |
| show isis statistics | <get-isis-statistics-information> | <isis-statistics-information> |
| show l2circuit connections | <get-l2ckt-connection-information> | <l2ckt-connection-information> |
| show l2vpn connections | <get-l2vpn-connection-information> | <l2vpn-connection-information> |
| show lacp interfaces | <get-lacp-interface-information> | <NONE> |
| show lacp statistics interfaces | <get-lacp-interface-statistics> | <NONE> |
| show ldp database | <get-ldp-database-information> | <ldp-database-information> |
| show ldp fec-filters | <get-ldp-fec-filters-information> | <ldp-fec-filters-information> |
| show ldp interface | <get-ldp-interface-information> | <ldp-interface-information> |
| show ldp neighbor | <get-ldp-neighbor-information> | <ldp-neighbor-information> |
| show ldp path | <get-ldp-path-information> | <ldp-path-information> |
| show ldp route | <get-ldp-route-information> | <ldp-route-information> |
| show ldp session | <get-ldp-session-information> | <ldp-session-information> |
| show ldp statistics | <get-ldp-statistics-information> | <ldp-statistics-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--------------------------------------|
| show ldp traffic-statistics | <get-ldp-traffic-statistics-information> | <ldp-traffic-statistics-information> |
| show link-management | <get-lm-information> | <lm-information> |
| show link-management peer | <get-lm-peer-information> | <lm-peer-information> |
| show link-management routing | <get-lm-routing-information> | <lm-information> |
| show link-management routing peer | <get-lm-routing-peer-information> | <lm-peer-information> |
| show link-management routing resource | <get-lm-routing-resource-information> | <lm-resource> |
| show link-management routing te-link | <get-lm-routing-te-link-information> | <lm-te-link-information> |
| show link-management statistics | <get-lm-statistics-information> | <lm-statistics-information> |
| show link-management statistics peer | <get-lm-peer-statistics> | <lm-peer-statistics> |
| show link-management te-link | <get-lm-te-link-information> | <lm-te-link-information> |
| show lldp | <get-lldp-information> | <lldp-information> |
| show lldp detail | <get-lldp-information-detail> | <lldp-information-detail> |
| show lldp local-information | <get-lldp-local-info> | <lldp-local-info> |
| show lldp neighbors | <get-lldp-neighbors-information> | <lldp-neighbors-information> |
| show lldp remote-global-statistics | <get-lldp-remote-global-statistics> | <lldp-remote-global-statistics> |
| show lldp statistics | <get-lldp-statistics-information> | <lldp-statistics-information> |
| show mld group | <get-mld-group-information> | <mld-group-information> |
| show mld interface | <get-mld-interface-information> | <mld-interface-information> |
| show mld output-group | <get-mld-output-group-information> | <mld-output-group-information> |
| show mld statistics | <get-mld-statistics-information> | <mld-statistics-information> |
| show mobile-ip home-agent binding | <get-mip-binding-information> | <mip-binding-information> |
| show mobile-ip home-agent binding ip-address | <get-ip-mip-binding-information> | <mip-binding-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show mobile-ip home-agent binding nai | <get-nai-mip-binding-information> | <mip-binding-information> |
| show mobile-ip home-agent binding summary | <get-summary-mip-binding-information> | <mip-binding-information> |
| show mobile-ip home-agent interface | <get-mip-ha-interface-information> | <mip-ha-interface-information> |
| show mobile-ip home-agent overview | <get-mip-ha-overview-information> | <mip-ha-overview-information> |
| show mobile-ip home-agent traffic | <get-mip-ha-traffic-information> | <mip-home-agent-traffic-information> |
| show mobile-ip home-agent virtual-network | <get-mip-ha-virtual-network-information> | <mip-ha-virtual-network-information> |
| show mobile-ip wimax release | <get-mip-wimax-release-information> | <mip-wimax-release-information> |
| show mpls admin-groups | <get-mpls-admin-group-information> | <mpls-admin-group-information> |
| show mpls admin-groups-extended | <get-mpls-admin-group-extended-information> | <mpls-admin-group-extended-information> |
| show mpls call-admission-control | <get-mpls-call-admission-control-information> | <mpls-call-admission-control-information> |
| show mpls context-identifier | <get-mpls-context-identifier-information> | <mpls-context-identifier-information> |
| show mpls cspf | <get-mpls-cspf-information> | <mpls-cspf-information> |
| show mpls diffserv-te | <get-mpls-diffserv-te-information> | <mpls-diffserv-te-information> |
| show mpls interface | <get-mpls-interface-information> | <mpls-interface-information> |
| show mpls lsp | <get-mpls-lsp-information> | <mpls-lsp-information> |
| show mpls lsp defaults | <get-mpls-lsp-defaults-information> | <mpls-lsp-defaults-information> |
| show mpls path | <get-mpls-path-information> | <mpls-path-information> |
| show mpls static-lsp | <get-mpls-static-lsp-information> | <mpls-static-lsp-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show msdp source | <get-msdp-source-information> | <pim-msdp-source-information> |
| show msdp source-active | <get-msdp-source-active-information> | <pim-msdp-source-active-information> |
| show msdp statistics | <get-msdp-statistics-information> | <pim-msdp-statistics-information> |
| show multicast backup-pe-groups | <get-multicast-backup-pe-groups-information> | <mcast-backup-pe-groups-information> |
| show multicast backup-pe-groups address | <get-multicast-backup-pe-address-information> | <mcast-backup-pe-address-information> |
| show multicast flow-map | <get-multicast-flow-maps-information> | <mcast-flow-maps-information> |
| show multicast interface | <get-multicast-interface-information> | <mcast-interface-information> |
| show multicast next-hops | <get-multicast-next-hops-information> | <mcast-next-hops-information> |
| show multicast pim-to-igmp-proxy | <get-multicast-pim-to-igmp-proxy-information> | <mcast-pim-to-igmp-proxy-information> |
| show multicast pim-to-mld-proxy | <get-multicast-pim-to-mld-proxy-information> | <mcast-pim-to-mld-proxy-information> |
| show multicast route | <get-multicast-route-information> | <mcast-route-information> |
| show multicast rpf | <get-multicast-rpf-information> | <mcast-rpf-information> |
| show multicast scope | <get-multicast-scope-information> | <mcast-scope-information> |
| show multicast sessions | <get-multicast-sessions-information> | <mcast-sessions-information> |
| show multicast snooping next-hops | <get-multicast-snooping-next-hops-information> | <mcast-snooping-next-hops-information> |
| show multicast snooping route | <get-multicast-snooping-route-information> | <mcast-snooping-route-information> |
| show multicast statistics | <get-multicast-statistics-information> | <mcast-statistics-information> |
| show multicast usage | <get-multicast-usage-information> | <mcast-usage-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--------------------------------------|----------------------------------|
| show mvpn instance | <get-mvpn-instance-information> | <mvpn-instance-information> |
| show mvrp | <get-mvrp-information> | <mvrp-information> |
| show mvrp applicant-state | <get-mvrp-applicant-information> | <mvrp-applicant-state> |
| show mvrp dynamic-vlan-memberships | <get-mvrp-dynamic-vlan-memberships> | <mvrp-vlan-information> |
| show mvrp interface | <get-mvrp-interface-information> | <mvrp-interface-information> |
| show mvrp registration-state | <get-mvrp-registration-state> | <mvrp-registration-information> |
| show mvrp statistics | <get-mvrp-interface-statistics> | <mvrp-interface-statistics> |
| show network-access aaa statistics | <get-aaa-module-statistics> | <aaa-module-statistics> |
| show network-access aaa subscribers | <get-aaa-subscriber-table> | <aaa-subscriber-table> |
| show network-access aaa subscribers statistics | <get-aaa-subscriber-statistics> | <aaa-subscriber-statistics> |
| show network-access address-assignment pool | <get-address-assignment-pool-table> | <address-assignment-pool-table> |
| show network-access domain-map statistics | <get-domain-map-statistics> | <domain-map-statistics> |
| show network-access gx-plus state | <get-gx-plus-state-information> | <gx-plus-state-information> |
| show network-access gx-plus statistics | <get-gx-plus-statistics-information> | <gx-plus-statistics-information> |
| show network-access gx-plus sync-state | <get-gx-plus-sync-state-information> | <gx-plus-sync-state-information> |
| show network-access requests pending | <get-authentication-pending-table> | <auth-pending-table> |
| show network-access requests statistics | <get-authentication-statistics> | <auth-statistics> |
| show network-access securid-node-secret-file | <node-secret-file-table> | <node-secret-file-table> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|-----------------------------------|
| show oam ethernet connectivity-fault-management delay-statistics | <get-cfm-delay-statistics> | <cfm-delay-statistics> |
| show oam ethernet connectivity-fault-management forwarding-state instance | <get-cfm-forwarding-state-instance-information> | <cfm-flood-instance-information> |
| show oam ethernet connectivity-fault-management forwarding-state interface | <get-cfm-forwarding-state-interface-information> | <cfm-flood-interface-information> |
| show oam ethernet connectivity-fault-management interfaces | <get-cfm-interfaces-information> | <cfm-interface> |
| show oam ethernet connectivity-fault-management loss-statistics | <get-cfm-loss-statistics> | <cfm-loss-statistics> |
| show oam ethernet connectivity-fault-management mep-database | <get-cfm-mep-database> | <cfm-mep-database> |
| show oam ethernet connectivity-fault-management mep-statistics | <get-cfm-mep-statistics> | <cfm-mep-statistics> |
| show oam ethernet connectivity-fault-management mip | <get-cfm-mip-information> | <cfm-mip-information> |
| show oam ethernet connectivity-fault-management path-database | <get-cfm-linktrace-path-database> | <cfm-linktrace-path-database> |
| show oam ethernet connectivity-fault-management sla-iterator-statistics | <get-cfm-iterator-statistics> | <cfm-iterator-statistics> |
| show oam ethernet evc | <get-evc-information> | <elmi-evc-information> |
| show oam ethernet link-fault-management | <get-lfmd-information> | <lfmd-information> |
| show oam ethernet lmi | <get-elmi-information> | <elmi-interface-information> |
| show oam ethernet lmi statistics | <get-elmi-statistics> | <elmi-interface-statistics> |
| show oam gre-keepalive | <get-gre-ka-information> | <oamd-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|------------------------------|---|-------------------------------------|
| show ospf backup coverage | <get-ospf-backup-coverage-information> | <ospf-backup-coverage-information> |
| show ospf backup lsp | <get-ospf-backup-lsp-information> | <ospf-backup-lsp-information> |
| show ospf backup neighbor | <get-ospf-backup-neighbor-information> | <ospf-backup-neighbor-information> |
| show ospf backup spf | <get-ospf-backup-spf-information> | <ospf-backup-spf-information> |
| show ospf context-identifier | <get-ospf-context-id-information> | <ospf-context-id-information> |
| show ospf database | <get-ospf-database-information> | <ospf-database-information> |
| show ospf interface | <get-ospf-interface-information> | <ospf-interface-information> |
| show ospf io-statistics | <get-ospf-io-statistics-information> | <ospf-io-statistics-information> |
| show ospf log | <get-ospf-log-information> | <ospf-log-information> |
| show ospf neighbor | <get-ospf-neighbor-information> | <ospf-neighbor-information> |
| show ospf overview | <get-ospf-overview-information> | <ospf-overview-information> |
| show ospf route | <get-ospf-route-information> | <ospf-route-information> |
| show ospf statistics | <get-ospf-statistics-information> | <ospf-statistics-information> |
| show ospf3 backup coverage | <get-ospf3-backup-coverage-information> | <ospf3-backup-coverage-information> |
| show ospf3 backup lsp | <get-ospf3-backup-lsp-information> | <ospf3-backup-lsp-information> |
| show ospf3 backup neighbor | <get-ospf3-backup-neighbor-information> | <ospf3-backup-neighbor-information> |
| show ospf3 backup spf | <get-ospf3-backup-spf-information> | <ospf3-backup-spf-information> |
| show ospf3 database | <get-ospf3-database-information> | <ospf3-database-information> |
| show ospf3 interface | <get-ospf3-interface-information> | <ospf3-interface-information> |
| show ospf3 io-statistics | <get-ospf3-io-statistics-information> | <ospf3-io-statistics-information> |
| show ospf3 log | <get-ospf3-log-information> | <ospf3-log-information> |
| show ospf3 neighbor | <get-ospf3-neighbor-information> | <ospf3-neighbor-information> |
| show ospf3 overview | <get-ospf3-overview-information> | <ospf3-overview-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|-----------------------------------|---|---|
| show ospf3 route | <get-ospf3-route-information> | <ospf3-route-information> |
| show ospf3 statistics | <get-ospf3-statistics-information> | <ospf3-statistics-information> |
| show passive-monitoring | <get-passive-monitoring-information> | <passive-monitoring-information> |
| show passive-monitoring error | <get-passive-monitoring-error-information> | <passive-monitoring-error-information> |
| show passive-monitoring flow | <get-passive-monitoring-flow-information> | <passive-monitoring-flow-information> |
| show passive-monitoring memory | <get-passive-monitoring-memory-information> | <passive-monitoring-memory-information> |
| show passive-monitoring status | <get-passive-monitoring-status-information> | <passive-monitoring-status-information> |
| show passive-monitoring usage | <get-passive-monitoring-usage-information> | <passive-monitoring-usage-information> |
| show pfe statistics traffic | <get-pfe-statistics> | <pfe-statistics> |
| show pfe terse | <get-pfe-information> | <pfe-information> |
| show pgm negative-acknowledgments | <get-pgm-nak> | <pgm-nak> |
| show pgm source-path-messages | <get-pgm-source-path-messages> | <pgm-source-path-messages> |
| show pgm statistics | <get-pgm-statistics> | <pgm-statistics-information> |
| show pim bootstrap | <get-pim-bootstrap-information> | <pim-bootstrap-information> |
| show pim interfaces | <get-pim-interfaces-information> | <pim-interfaces-information> |
| show pim join | <get-pim-join-information> | <pim-join-information> |
| show pim mdt | <get-pim-mdt-information> | <pim-mdt-information> |
| show pim mvpn | <get-pim-mvpn-information> | <pim-mvpn-information> |
| show pim neighbors | <get-pim-neighbors-information> | <pim-neighbors-information> |
| show pim rps | <get-pim-rps-information> | <pim-rps-information> |
| show pim source | <get-pim-source-information> | <pim-source-information> |
| show pim statistics | <get-pim-statistics-information> | <pim-statistics-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show ppp address-pool | <get-ppp-address-pool-inforamation> | <ppp-address-pool-information> |
| show ppp interface | <get-ppp-interface-information> | <ppp-interface-information> |
| show ppp statistics | <get-ppp-statistics-information> | <ppp-statistics-information> |
| show ppp summary | <get-ppp-summary-information> | <ppp-summary-information> |
| show pppoe interfaces | <get-pppoe-interface-information> | <pppoe-interface-information> |
| show pppoe service-name-tables | <get-pppoe-service-name-table-information> | <pppoe-service-name-table-information> |
| show pppoe sessions | <get-pppoe-session-information> | <pppoe-session-information> |
| show pppoe statistics | <get-pppoe-statistics-information> | <pppoe-statistics-information> |
| show pppoe underlying-interfaces | <get-pppoe-underlying-interface-information> | <pppoe-underlying-interface-information> |
| show pppoe version | <get-pppoe-version> | <pppoe-version> |
| show protection-group ethernet-aps | <show-protection-group-ethernet-aps> | <eaps-profile-information> |
| show r2cp interfaces | <get-r2cp-interface-information> | <r2cp-interface-information> |
| show r2cp radio | <get-r2cp-radio-information> | <r2cp-radio-information> |
| show r2cp sessions | <get-r2cp-session-information> | <r2cp-session-information> |
| show r2cp statistics | <get-r2cp-statistics> | <r2cp-statistics> |
| show redundant-power-system led | <get-rps-led-information> | <rps-led-information> |
| show redundant-power-system power-supply | <get-rps-power-supply-information> | <rps-power-supply-information> |
| show redundant-power-system status | <get-rps-status-information> | <rps-status-information> |
| show redundant-power-system version | <get-rps-version-information> | <rps-version-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show rip general-statistics | <get-rip-general-statistics-information> | <rip-general-statistics-information> |
| show rip neighbor | <get-rip-neighbor-information> | <rip-neighbor-information> |
| show rip statistics | <get-rip-statistics-information> | <rip-statistics-information> |
| show route | <get-route-information> | <route-information> |
| show route export | <get-rtexport-table-information> | <rtexport-table-information> |
| show route export instance | <get-rtexport-instance-information> | <rtexport-instance-information> |
| show route export vrf-target | <get-rtexport-target-information> | <rtexport-target-information> |
| show route flow validation | <get-rtflow-dep-information> | <rtflow-dep-information> |
| show route forwarding-table | <get-forwarding-table-information> | <forwarding-table-information> |
| show route instance | <get-instance-information> | <instance-information> |
| show route instance operational | <get-operational-routing-instance-information> | <operational-routing-instance-information> |
| show route summary | <get-route-summary-information> | <route-summary-information> |
| show rsvp interface | <get-rsvp-interface-information> | <rsvp-interface-information> |
| show rsvp neighbor | <get-rsvp-neighbor-information> | <rsvp-neighbor-information> |
| show rsvp session | <get-rsvp-session-information> | <rsvp-session-information> |
| show rsvp statistics | <get-rsvp-statistics-information> | <rsvp-statistics-information> |
| show rsvp version | <get-rsvp-version-information> | <rsvp-version-information> |
| show sap listen | <get-sap-listen-information> | <sap-listen-information> |
| show security idp application-ddos application | <get-idp-addos-application-information> | <get-idp-addos-application-information> |
| show security idp application-identification application-system-cache | <get-idp-application-system-cache> | <idp-application-system-cache-information> |
| show security idp application-statistics | <get-idp-applications-information> | <idp-applications-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show security idp attack table | <get-idp-attack-table-information> | <idp-attack-table-information> |
| show security idp counters | <get-idp-counter-information> | <idp-counter-information> |
| show security idp memory | <get-idp-memory-information> | <idp-memory-information> |
| show security idp policies | <get-idp-subscriber-policy-list> | <idp-subscriber-policy-list> |
| show security idp policy-commit-status | <get-idp-policy-commit-status> | <idp-policy-commit-status> |
| show security idp policy-templates-list | <get-idp-policy-template-information> | <idp-policy-template-information> |
| show security idp security-package-version | <get-idp-security-package-information> | <idp-security-package-information> |
| show security idp ssl-inspection key | <get-idp-ssl-key-information> | <idp-ssl-key-information> |
| show security idp ssl-inspection session-id-cache | <get-idp-ssl-session-cache-information> | <get-idp-ssl-session-cache-information> |
| show security idp status | <get-idp-status-information> | <idp-status-information> |
| show security idp status detail | <get-idp-detail-status-information> | <idp-detail-status-information> |
| show security pki ca-certificate | <get-pki-ca-certificate> | <NONE> |
| show security pki certificate-request | <get-pki-certificate-request> | <NONE> |
| show security pki crt | <get-pki-crl> | <NONE> |
| show security pki local-certificate | <get-pki-local-certificate> | <NONE> |
| show services accounting | <get-service-accounting-information> | <service-accounting-information> |
| show services accounting aggregation | <get-service-accounting-aggregation-information> | <service-accounting-aggregation-information> |
| show services accounting aggregation as | <get-service-accounting-aggregation-as-information> | <service-accounting-aggregation-as-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show services accounting aggregation destination-prefix | <get-service-accounting-aggregation-destination-prefix-information> | <service-accounting-aggregation-destination-prefix-information> |
| show services accounting aggregation protocol-port | <get-service-accounting-aggregation-protocol-port-information> | <service-accounting-aggregation-protocol-port-information> |
| show services accounting aggregation source-destination-prefix | <get-service-accounting-aggregation-source-destination-prefix-information> | <service-accounting-aggregation-source-destination-prefix-information> |
| show services accounting aggregation source-prefix | <get-service-accounting-aggregation-source-prefix-information> | <service-accounting-aggregation-source-prefix-information> |
| show services accounting aggregation template | <get-service-accounting-aggregation-template-information> | <service-accounting-aggregation-template-information> |
| show services accounting errors | <get-service-accounting-errors-information> | <service-accounting-errors-information> |
| show services accounting errors inline-jflow | <get-service-accounting-error-inline-jflow-information> | <service-accounting-inline-jflow-error-information> |
| show services accounting flow | <get-service-accounting-flow-information> | <service-accounting-flow-information> |
| show services accounting flow inline-jflow | <get-service-accounting-status-inline-jflow-flow-information> | <service-accounting-inline-jflow-flow-information> |
| show services accounting flow-detail | <get-service-accounting-flow-detail> | <service-accounting-flow-detail> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|---|
| show services accounting memory | <get-service-accounting-memory-information> | <service-accounting-memory-information> |
| show services accounting packet-size-distribution | <get-packet-distribution-information> | <packet-distribution-information> |
| show services accounting status | <get-service-accounting-status-information> | <service-accounting-status-information> |
| show services accounting status inline-jflow | <get-service-accounting-status-inline-jflow-information> | <service-accounting-inline-jflow-information> |
| show services accounting usage | <get-service-accounting-usage-information> | <service-accounting-usage-information> |
| show services alg conversations | <get-service-msp-alg-conversation-information> | <service-msp-alg-conversation-information> |
| show services alg statistics | <get-service-msp-alg-stats-information> | <service-msp-alg-stats-information> |
| show services application-identification application-system-cache | <get-appid-application-system-cache> | <appid-application-system-cache-information> |
| show services application-identification counter | <get-appid-counter> | <appid-counter> |
| show services application-identification version | <get-appid-package-version> | <appid-package-version> |
| show services border-signaling-gateway accounting statistics | <get-service-border-signaling-gateway-charging-statistics> | <bsg-charging-statistics> |
| show services border-signaling-gateway accounting status | <get-service-border-signaling-gateway-charging-status> | <bsg-charging-status> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|------------------------------------|
| show services border-signaling-gateway address-of-record | <get-service- border-signaling- gateway-address-of- record> | <bsg-address-of-records> |
| show services border-signaling-gateway address-of-record bindings | <get-service- border-signaling- gateway-address-of- record-bindings> | <bsg-address-of-record-bindings> |
| show services border-signaling-gateway admission-control | <get-service- border-signaling- gateway-statistics- admission-control> | <bsg-statistics-admission-control> |
| show services border-signaling-gateway by-call-context-id | <get-service-bsg- information-by-call- context-id> | <bsg-information-details> |
| show services border-signaling-gateway by-contact | <get-service- border-signaling- gateway-information- by-contact> | <bsg-information-details> |
| show services border-signaling-gateway by-request-uri | <get-service- border-signaling- gateway-information- by-request-uri> | <bsg-information-details> |
| show services border-signaling-gateway calls | <get-service- border-signaling- gateway-statistics- calls> | <bsg-statistics-calls-details> |
| show services border-signaling-gateway calls by-server | <get-service- border-signaling- gateway-statistics- calls-by-server> | <NONE> |
| show services border-signaling-gateway calls by-service-point | <get-service- border-signaling- gateway-statistics- calls-by-sp> | <NONE> |
| show services border-signaling-gateway calls-duration | <get-service- border-signaling- gateway-calls- duration> | <bsg-statistics-calls-duration> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show services border-signaling-gateway calls-duration by-server | <get-service- border-signaling- gateway-statistics- calls-duration-by- server> | <NONE> |
| show services border-signaling-gateway calls-duration by-service-point | <get-service- border-signaling- gateway-statistics- calls-duration-by-sp> | <NONE> |
| show services border-signaling-gateway calls-failed | <get-service- border-signaling- gateway-statistics- calls-failed> | <bsg-statistics-calls-failed-details> |
| show services border-signaling-gateway calls-failed by-server | <get-service- border-signaling- gateway-statistics- failed-calls-by-server> | <NONE> |
| show services border-signaling-gateway calls-failed by-service-point | <get-service- border-signaling- gateway-statistics- failed-calls-by-sp> | <NONE> |
| show services border-signaling-gateway denied-messages | <get-service-bsg-denied-messages> | <bsg-statistics-denied-messages-details> |
| show services border-signaling-gateway name-resolution-cache | <get-service- border-signaling- gateway-name- resolution-cache> | <bsg-name-resolution-cache-information> |
| show services border-signaling-gateway name-resolution-cache all | <get-service- border-signaling- gateway-name- resolution-cache-all> | <bsg-name-resolution-cache-information> |
| show services border-signaling-gateway registrations | <get-service-bsg-registrations> | <bsg-registrations> |
| show services border-signaling-gateway registrations realm | <get-service-bsg- registrations-realm- statistics> | <bsg-registrations-realm> |
| show services border-signaling-gateway registrations statistics | <get-service-bsg-registrations-statistics> | <bsg-registrations> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| show services border-signaling-gateway routing-blacklist | <get-service-border-signaling-gateway-routing-blacklist> | <bsg-routing-blacklist> |
| show services border-signaling-gateway status | <get-service-bsg-status-information> | <bsg-status-information> |
| show services cos statistics | <get-service-cos-statistics-information> | <service-cos-statistics-information> |
| show services cos statistics diffserv | <get-service-cos-diffserv-statistics> | <service-cos-diffserv-statistics> |
| show services cos statistics forwarding-class | <get-service-cos-forwarding-class-statistics> | <service-cos-forwarding-class-statistics> |
| show services crtp | <get-service-crtp-params-information> | <service-crtp-params-information> |
| show services crtp extensive | <get-service-crtp-extensive-information> | <service-crtp-extensive-information> |
| show services crtp flows | <get-service-crtp-flow-table-information> | <service-crtp-flow-table-information> |
| show services dynamic-flow-capture content-destination | <get-services-dynamic-flow-capture-content-destination-information> | <services-dynamic-flow-capture-content-destination-information> |
| show services dynamic-flow-capture control-source | <get-services-dynamic-flow-capture-control-source-information> | <services-dynamic-flow-capture-control-source-information> |
| show services fips pic status | <get-fips-pic-status-information> | <fips-pic-status-information> |
| show services flow-collector | <get-services-flow-collector-information> | <services-flow-collector-information> |
| show services flow-collector file | <get-services-flow-collector-file-information> | <services-flow-collector-file-information> |
| show services flow-collector input | <get-services-flow-collector-input-information> | <services-flow-collector-input-information> |
| show services flow-table statistics | <get-flow-table-statistics-information> | <flow-table-statistics-information> |
| show services flows | <get-service-msp-flow-table-information> | <service-sfw-flow-table-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|---|
| show services ggsn diagnostics pdp | <get-pdp-diagnostics-per-apn> | <pdp-diagnostics-per-apn> |
| show services ggsn statistics | <get-ggsn-statistics> | <ggsn-statistics> |
| show services ggsn statistics apn | <get-ggsn-apn-statistics-information> | <apn-statistics-information> |
| show services ggsn statistics charging | <get-ggsn-charging-statistics-information> | <ggsn-charging-statistics-information> |
| show services ggsn statistics gtp | <get-ggsn-gtp-statistics-information> | <gtp-statistics-information> |
| show services ggsn statistics gtp-prime | <get-ggsn-gtp-prime-statistics-information> | <gtp-prime-statistics-information> |
| show services ggsn statistics imsi | <get-ggsn-imsi-user-information> | <mobile-user-information> |
| show services ggsn statistics l2tp-tunnel | <get-ggsn-l2tp-tunnel-statistics-information> | <l2tp-tunnel-statistics-information> |
| show services ggsn statistics radius | <get-ggsn-radius-statistics-information> | <ggsn-radius-statistics-information> |
| show services ggsn statistics sgsn | <get-ggsn-sgsn-statistics-information> | <sgsn-statistics-information> |
| show services ggsn status | <get-ggsn-interface-information> | <ggsn-interface-information> |
| show services ggsn trace all | <get-ggsn-trace> | <call-trace-information> |
| show services ggsn trace imsi | <get-ggsn-imsi-trace> | <call-trace-information> |
| show services ggsn trace msisdn | <get-ggsn-msisdn-trace> | <call-trace-information> |
| show services ids destination-table | <get-service-ids-destination-table-information> | <service-ids-flow-table-information> |
| show services ids pair-table | <get-service-ids-pair-table-information> | <service-ids-flow-table-information> |
| show services ids source-table | <get-service-ids-source-table-information> | <service-ids-flow-table-information> |
| show services ipsec-vpn ike security-associations | <get-ike-services-security-associations-information> | <ike-security-associations-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show services ipsec-vpn ipsec security-associations | <get-services-security-associations-information> | <services-security-associations-information> |
| show services ipsec-vpn ipsec statistics | <get-services-ipsec-statistics-information> | <ipsec-total-statistics-information> |
| show services l2tp destination | <get-l2tp-destination-information> | <service-l2tp-destination-information> |
| show services l2tp multilink | <get-l2tp-multilink-information> | <services-l2tp-multilink-information> |
| show services l2tp radius accounting servers | <get-services-l2tp-radius-accounting-servers-information> | <services-l2tp-radius-accounting-servers-information> |
| show services l2tp radius accounting statistics | <get-services-l2tp-radius-accounting-statistics-information> | <services-l2tp-radius-accounting-statistics-information> |
| show services l2tp radius authentication servers | <get-services-l2tp-radius-authentication-servers-information> | <services-l2tp-radius-authentication-servers-information> |
| show services l2tp radius authentication statistics | <get-services-l2tp-radius-authentication-statistics-information> | <services-l2tp-radius-authentication-statistics-information> |
| show services l2tp radius servers | <get-services-l2tp-radius-authentication-accounting-servers-information> | <services-l2tp-radius-authentication-accounting-servers-information> |
| show services l2tp radius statistics | <get-services-l2tp-radius-authentication-accounting-statistics-information> | <services-l2tp-radius-authentication-accounting-statistics-information> |
| show services l2tp session | <get-l2tp-session-information> | <service-l2tp-session-information> |
| show services l2tp summary | <get-l2tp-summary-information> | <service-l2tp-summary-information> |
| show services l2tp tunnel | <get-l2tp-tunnel-information> | <service-l2tp-tunnel-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show services link-services cpu-usage | <get-link-services-cpu-usage> | <lsqinfo-cpu-usage-information> |
| show services nat ipv6-multicast-interfaces | <get-service-nat-ipv6-multicast-information> | <service-nat-ipv6-multicast-interfaces-information> |
| show services nat mappings brief | <get-service-nat-mapping-brief> | <service-nat-mapping-brief> |
| show services nat mappings detail | <get-service-nat-mapping-detail> | <service-nat-mapping-detail> |
| show services nat mappings summary | <get-service-nat-mapping-summary> | <service-nat-mapping-summary> |
| show services nat pool | <get-service-nat-pool-information> | <service-nat-pool-information> |
| show services nat statistics | <get-service-nat-statistics-information> | <service-nat-statistics-information> |
| show services pgcp active-configuration | <get-pgcpd-active-configuration> | <pgcpd-active-configuration> |
| show services pgcp active-configuration gateway | <get-service-pgcp-active-configuration-gateway> | <service-pgcp-active-configuration-gateway> |
| show services pgcp conversations | <get-service-pgcp-conversation-information> | <service-pgcp-conversation-information> |
| show services pgcp conversations gateway | <get-service-pgcp-conversation-information-gateway> | <service-pgcp-conversation-gateway-information> |
| show services pgcp flows | <get-service-pgcp-flow-table-information> | <service-pgcp-flow-table-information> |
| show services pgcp flows gateway | <get-service-pgcp-flow-table-information-gateway> | <service-pgcp-flow-table-gateway-information> |
| show services pgcp gate | <get-service-pgcp-gate> | <service-pgcp-gate> |
| show services pgcp gate gateway | <get-service-pgcp-gate-gateway> | <service-pgcp-gate-gateway> |
| show services pgcp gates | <get-service-pgcp-gates> | <service-pgcp-gates> |
| show services pgcp gates gateway | <get-service-pgcp-gates-gateway> | <service-pgcp-gates-gateway> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show services pgcp root-termination | <get-services-pgcpd-root-termination> | <services-pgcpd-root-termination> |
| show services pgcp root-termination gateway | <get-services-pgcpd-root-termination-gateway> | <services-pgcpd-root-termination-gateway> |
| show services pgcp statistics | <get-service-pgcp-statistics> | <service-pgcp-statistics> |
| show services pgcp statistics gateway | <get-service-pgcp-statistics-gateway> | <service-pgcp-statistics-gateway> |
| show services pgcp terminations | <get-service-pgcp-terminations> | <service-pgcp-terminations> |
| show services pgcp terminations gateway | <get-service-pgcp-terminations-gateway> | <service-pgcp-terminations-gateway> |
| show services rpm active-servers | <get-active-servers> | <active-servers> |
| show services rpm history-results | <get-history-results> | <history-results> |
| show services rpm probe-results | <get-probe-results> | <probe-results> |
| show services service-identification header-redirect statistics | <get-header-redirect-set-statistics-information> | <header-redirect-set-statistics-information> |
| show services service-identification statistics | <get-service-identification-statistics-information> | <service-identification-statistics-information> |
| show services service-identification uri-redirect statistics | <get-uri-redirect-set-statistics-information> | <uri-redirect-set-statistics-information> |
| show services service-sets cpu-usage | <get-service-set-cpu-statistics> | <service-set-cpu-statistics-information> |
| show services service-sets memory-usage | <get-service-set-memory-statistics> | <service-set-memory-statistics-information> |
| show services service-sets plug-ins | <get-service-set-plugin-summary> | <service-set-plugin-summary> |
| show services service-sets statistics packet-drops | <get-service-set-packet-drop-statistics> | <service-set-packet-drop-statistics> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show services service-sets statistics syslog | <get-service-set-syslog-statistics> | <syslog-stats-interface> |
| show services service-sets statistics tcp-mss | <get-service-set-tcp-mss-statistics> | <service-set-tcp-mss-statistics> |
| show services service-sets summary | <get-service-set-summary-information> | <service-set-summary-information> |
| show services sessions | <get-msp-session-table> | <msp-session-table> |
| show services software | <get-service-software-table-information> | <service-software-table-information> |
| show services software flows | <get-service-software-flow-table-information> | <service-software-flow-table-information> |
| show services software flows ds-lite | <get-service-software-ds-lite-flow-table-information> | <service-software-flow-table-information> |
| show services software flows v6rd | <get-service-software-v6rd-flow-table-information> | <service-software-flow-table-information> |
| show services software statistics | <get-service-software-statistics-information> | <service-software-statistics-information> |
| show services stateful-firewall conversations | <get-service-sfw-conversation-information> | <service-sfw-conversation-information> |
| show services stateful-firewall flow-analysis | <get-service-flow-analysis-information> | <service-flow-analysis-information> |
| show services stateful-firewall flows | <get-service-sfw-flow-table-information> | <service-sfw-flow-table-information> |
| show services stateful-firewall sip-call | <get-service-sfw-sip-call-information> | <service-sfw-sip-call-information> |
| show services stateful-firewall sip-register | <get-service-sfw-sip-register-information> | <service-sfw-sip-register-information> |
| show services stateful-firewall statistics | <get-service-sfw-statistics-information> | <service-sfw-statistics-information> |
| show snmp health-monitor | <get-health-monitor-information> | <health-monitor-information> |
| show snmp health-monitor alarms | <get-health-monitor-alarm-information> | <rmon-alarm-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--------------------------------|---|---|
| show snmp health-monitor logs | <get-health-monitor-log-information> | <rmon-log-information> |
| show snmp inform-statistics | <get-snmp-inform-statistics> | <snmp-inform-statistics> |
| show snmp mib get | <get-snmp-object> | <snmp-object-information> |
| show snmp mib get-next | <next-snmp-object> | <snmp-object-information> |
| show snmp mib walk | <walk-snmp-object> | <snmp-object-information> |
| show snmp rmon | <get-rmon-information> | <rmon-information> |
| show snmp rmon alarms | <get-rmon-alarm-information> | <rmon-alarm-information> |
| show snmp rmon events | <get-rmon-event-information> | <rmon-event-information> |
| show snmp rmon history | <get-rmon-history-information> | <rmon-history-information> |
| show snmp rmon logs | <get-rmon-log-information> | <rmon-log-information> |
| show snmp statistics | <get-snmp-information> | <snmp-statistics> |
| show snmp v3 | <get-snmp-v3-information> | <snmp-v3-information> |
| show snmp v3 access | <get-snmp-v3-access-information> | <snmp-v3-access-information> |
| show snmp v3 community | <get-snmp-v3-community-information> | <snmp-v3-community-information> |
| show snmp v3 general | <get-snmp-v3-general-information> | <snmp-v3-general-information> |
| show snmp v3 groups | <get-snmp-v3-group-information> | <snmp-v3-group-information> |
| show snmp v3 notify | <get-snmp-v3-notify-information> | <snmp-v3-notify-information> |
| show snmp v3 notify filter | <get-snmp-v3-notify-filter-information> | <snmp-v3-notify-filter-information> |
| show snmp v3 target | <get-snmp-v3-target-information> | <snmp-v3-target-information> |
| show snmp v3 target address | <get-snmp-v3-target-address-information> | <snmp-v3-target-address-information> |
| show snmp v3 target parameters | <get-snmp-v3-target-parameters-information> | <snmp-v3-target-parameters-information> |
| show snmp v3 users | <get-snmp-v3-usm-user-information> | <snmp-v3-usm-user-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---------------------------------------|
| show subscribers | <get-subscribers> | <subscriber> |
| show subscribers summary | <get-subscribers-summary> | <subscriber> |
| show synchronous-ethernet esmc statistics | <get-synchronous-ethernet-esmc-statistics> | <clock-synchronization-statistics> |
| show synchronous-ethernet esmc transmit | <get-synchronous-ethernet-esmc-transmit> | <clock-synchronization-esmc-transmit> |
| show synchronous-ethernet global-information | <get-synchronous-ethernet-global-information> | <NONE> |
| show system alarms | <get-system-alarm-information> | <alarm-information> |
| show system commit | <get-commit-information> | <commit-information> |
| show system configuration archival | <get-system-archival> | <directory-list> |
| show system configuration rescue | <get-rescue-information> | <rescue-information> |
| show system core-dumps core-file-info | <get-core-file-information> | <core-information> |
| show system directory-usage | <get-directory-usage-information> | <directory-usage-information> |
| show system firmware | <get-system-firmware-information> | <system-firmware-information> |
| show system license | <get-license-summary-information> | <license-summary-information> |
| show system license installed | <get-license-information> | <license-information> |
| show system license keys | <get-license-key-information> | <license-key-information> |
| show system license usage | <get-license-usage-summary> | <license-usage-summary> |
| show system processes health | <get-process-health-information> | <system-processes-health-information> |
| show system relay group | <relay-group-information> | <relay-group-information> |
| show system relay member | <relay-group-member> | <relay-group-member> |
| show system relay summary | <relay-summary> | <relay-summary> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show system resource-cleanup processes | <get-system-resource-cleanup-processes-information> | <system-resource-cleanup-processes-information> |
| show system rollback | <get-rollback-information> | <rollback-information> |
| show system services dhcp binding | <get-dhcp-binding-information> | <dhcp-binding-information> |
| show system services dhcp conflict | <get-dhcp-conflict-information> | <dhcp-conflict-information> |
| show system services dhcp global | <get-dhcp-global-information> | <dhcp-global-information> |
| show system services dhcp pool | <get-dhcp-pool-information> | <dhcp-pool-information> |
| show system services dhcp statistics | <get-dhcp-statistics-information> | <dhcp-statistics-information> |
| show system services reverse | <get-system-services-reverse-information> | <system-services-reverse-information> |
| show system services service-deployment | <get-service-deployment-service-information> | <service-deployment-service-information> |
| show system snapshot | <get-snapshot-information> | <snapshot-information> |
| show system software backup | <get-package-backup-information> | <package-backup-information> |
| show system statistics | <get-statistics-information> | <statistics> |
| show system storage | <get-system-storage> | <system-storage-information> |
| show system storage partitions | <get-system-storage-partitions> | <system-storage-information> |
| show system subscriber-management summary | <get-subscriber-management-summary-information> | <subscriber-management-summary-information> |
| show system switchover | <get-switchover-information> | <switchover-information> |
| show system uptime | <get-system-uptime-information> | <system-uptime-information> |
| show system users | <get-system-users-information> | <system-users-information> |
| show system virtual-memory | <get-system-virtual-memory-information> | <system-virtual-memory-information> |

Table 3: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (M, MX, and T Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--------------------------------------|---|--------------------------------------|
| show task memory | <get-task-memory-information> | <task-memory-information> |
| show ted database | <get-ted-database-information> | <ted-database-information> |
| show ted link | <get-ted-link-information> | <ted-link-information> |
| show ted protocol | <get-ted-protocol-information> | <ted-protocol-information> |
| show version | <get-software-information> | <software-information> |
| show vpls connections | <get-vpls-connection-information> | <vpls-connection-information> |
| show vpls flood event-queue | <get-vpls-event-queue-information> | <l2ald-vpls-flood-event-queue> |
| show vpls flood route all-ce-flood | <get-vpls-all-ce-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls flood route all-flood | <get-vpls-all-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls flood route alt-root-flood | <get-vpls-alt-root-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls flood route ce-flood | <get-vpls-ce-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls flood route mlp-flood | <get-vpls-mlp-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls flood route re-flood | <get-vpls-re-flood-route-information> | <l2ald-vpls-flood-route-information> |
| show vpls mac-table | <get-vpls-mac-table> | <NONE> |
| show vpls mac-table interface | <get-vpls-interface-mac-table> | <NONE> |
| show vpls statistics | <get-vpls-statistics-information> | <vpls-statistics-information> |
| show vrrp | <get-vrrp-information> | <vrrp-information> |
| show vrrp interface | <get-vrrp-interface-information> | <vrrp-information> |
| show vrrp track | <get-vrrp-track-interfaces> | <vrrp-information> |
| test access profile | <get-radius-profile-access-test-result> | <radius-profile-access-test-result> |
| test access radius-server | <get-radius-server-access-test-result> | <radius-access-server-test-result> |
| traceroute | <traceroute> | <NONE> |
| traceroute ethernet | <request-traceroute-ethernet> | <ethtraceroute-results> |

CHAPTER 2

Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for EX Series and QFX Series

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|------------------------------------|
| clear arp inspection statistics | <clear-arp-inspection-statistics> | <NONE> |
| clear captive-portal firewall | <clear-captive-portal-firewall> | <captive-portal-firewall> |
| clear captive-portal firewall interface | <clear-captive-portal-firewall-interface> | <NONE> |
| clear captive-portal interface | <clear-captive-portal-interface-session> | <captive-portal-interface-session> |
| clear captive-portal mac-address | <clear-captive-portal-mac-session> | <captive-portal-mac-session> |
| clear dhcp snooping binding | <clear-dhcp-snooping> | <NONE> |
| clear dhcp snooping statistics | <clear-dhcp-snooping-statistics> | <NONE> |
| clear dot1x firewall | <clear-dot1x-firewall> | <dot1x-firewall> |
| clear dot1x firewall interface | <clear-dot1x-firewall-interface> | <NONE> |
| clear dot1x interface | <clear-dot1x-interface-session> | <dot1x-interface-session> |
| clear dot1x mac-address | <clear-dot1x-mac-session> | <dot1x-mac-session> |
| clear dot1x statistics | <clear-dot1x-statistics> | <dot1x-statistics> |
| clear dot1x statistics interface | <clear-dot1x-statistics-interface> | <dot1x-statistics-interface> |
| clear ethernet-switching layer2-protocol-tunneling statistics | <clear-ethernet-switching-l2pt-statistics> | <NONE> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|------------------------------------|
| clear ethernet-switching mac-learning-log | <clear-ethernet-switching-mac-learning-log> | <NONE> |
| clear ethernet-switching statistics mac-learning | <clear-ethernet-switching-statistics-mac-learning> | <NONE> |
| clear ethernet-switching table | <clear-ethernet-switching-table> | <NONE> |
| clear ethernet-switching table management-vlan | <clear-ethernet-switching-table-management-vlan> | <NONE> |
| clear fip snooping enode | <clear-fip-snooping-enode> | <NONE> |
| clear fip snooping statistics | <clear-fip-snooping-statistics> | <NONE> |
| clear fip snooping vlan | <clear-fip-snooping-vlan> | <NONE> |
| clear helper statistics | <clear-helper-statistics-information> | <NONE> |
| clear igmp-snooping | <clear-igmp-snooping> | <NONE> |
| clear igmp-snooping membership | <clear-igmp-snooping-membership> | <NONE> |
| clear igmp-snooping statistics | <clear-igmp-snooping-statistics> | <NONE> |
| clear mvrp statistics | <clear-mvrp-statistics> | <mvrp-statistics> |
| clear mvrp statistics interface | <clear-mvrp-statistics-interface> | <mvrp-statistics-interface> |
| clear security pki ca-certificate | <clear-pki-ca-certificate> | <NONE> |
| clear security pki certificate-request | <clear-pki-certificate-request> | <NONE> |
| clear security pki crl | <clear-pki-crl> | <NONE> |
| clear security pki key-pair | <clear-pki-key-pair> | <NONE> |
| clear security pki local-certificate | <clear-pki-local-certificate> | <NONE> |
| clear sflow collector statistics | <clear-sflow-collector-statistics> | <clear-sflow-collector-statistics> |
| clear system services dhcp binding | <clear-dhcp-binding-information> | <NONE> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|---|
| clear system services dhcp binding | <clear-dhcp-binding-information> | <NONE> |
| clear system services dhcp conflict | <clear-dhcp-conflict-information> | <NONE> |
| clear system services dhcp conflict | <clear-dhcp-conflict-information> | <NONE> |
| clear system services dhcp statistics | <clear-dhcp-statistics-information> | <NONE> |
| clear system services dhcp statistics | <clear-dhcp-statistics-information> | <NONE> |
| clear virtual-chassis protocol statistics | <clear-virtual-chassis-statistics> | <clear-virtual-chassis-statistics> |
| clear virtual-chassis vc-port statistics | <clear-virtual-chassis-port-statistics> | <clear-virtual-chassis-port-statistics> |
| load dhcp-snooping | <load-dhcp-snooping> | <NONE> |
| request poe software upgrade | <poe-controller-download-software> | <poe-controller-download> |
| request security pki ca-certificate load | <load-pki-ca-certificate> | <NONE> |
| request security pki ca-certificate verify | <verify-pki-ca-certificate> | <NONE> |
| request security pki crl load | <load-pki-crl> | <NONE> |
| request security pki generate-certificate-request | <generate-pki-certificate-request> | <NONE> |
| request security pki generate-key-pair | <generate-pki-key-pair> | <NONE> |
| request security pki local-certificate generate-self-signed | <generate-pki-self-signed-local-certificate> | <NONE> |
| request security pki local-certificate load | <load-pki-local-certificate> | <NONE> |
| request security pki local-certificate verify | <verify-pki-local-certificate> | <NONE> |
| request system services dhcp release | <release-dhcp-client> | <NONE> |
| request system services dhcp renew | <renew-dhcp-client> | <NONE> |
| save dhcp-snooping | <save-dhcp-snooping> | <NONE> |
| show analyzer | <get-analyzer-information> | <analyzer-information> |
| show arp inspection statistics | <get-arp-inspection-statistics> | <arp-inspection-statistics> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show authentication-whitelist | <get-ethernet-switching-authentication-whitelist-mac> | <ethernet-switching-authentication-whitelist-mac> |
| show authentication-whitelist authentication-bypassed-users | <get-authentication-whitelist-mac-bypassed-users> | <dot1x-authentication-whitelist-mac-bypassed-users> |
| show authentication-whitelist interface | <get-ethernet-switching-interface-mac-addresses> | <ethernet-switching-interface-mac-addresses> |
| show captive-portal authentication-failed-users | <get-captive-portal-authentication-failed-users> | <dot1x-authentication-failed-users> |
| show captive-portal firewall | <get-captive-portal-firewall-interface> | <captive-portal-firewall-interface> |
| show captive-portal interface | <get-captive-portal-interface-information> | <captive-portal-interface-information> |
| show chassis lcd | <get-lcd-information> | <lcd-information> |
| show chassis lcd fpc-slot | <get-lcd-fpc-information> | <lcd-information> |
| show chassis led | <get-led-information> | <led-information> |
| show chassis led fpc-slot | <get-led-fpc-information> | <led-information> |
| show dcbx neighbors | <get-dcbx-neighbor-information> | <dcbx-neighbor-information> |
| show dcbx neighbors interface | <get-dcbx-neighbor-interface-show dcbx neighbors interface information> | <dcbx-neighbor-interface-information> |
| show dhcp snooping binding | <get-dhcp-snoop-binding> | <dhcp-snoop-information> |
| show dhcp snooping statistics | <get-dhcp-snooping-statistics> | <dhcp-snooping-statistics> |
| show diagnostics tdr | <get-tdr-interface-information> | <tdr-interface-information> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show dot1x authentication-bypassed-users | <get-static-mac-bypassed-users> | <dot1x-static-mac-bypassed-users> |
| show dot1x authentication-failed-users | <get-dot1x-authentication-failed-users> | <dot1x-authentication-failed-users> |
| show dot1x firewall | <get-dot1x-firewall-interface> | <dot1x-firewall-interface> |
| show dot1x interface | <get-dot1x-interface-information> | <dot1x-interface-information> |
| show dot1x static-mac-address | <get-dot1x-static-mac-addresses> | <dot1x-static-mac-addresses> |
| show dot1x static-mac-address interface | <get-dot1x-interface-mac-addresses> | <dot1x-interface-mac-addresses> |
| show dot1x statistics | <get-dot1x-statistics> | <dot1x-statistics> |
| show dot1x statistics interface | <get-dot1x-statistics-interface> | <dot1x-statistics-interface> |
| show ethernet-switching interfaces | <get-ethernet-switching-interface-information> | <ethernet-switching-interface-information> |
| show ethernet-switching layer2-protocol-tunneling | <get-ethernet-switching-l2pt-information> | <ethernet-switching-l2pt-information> |
| show ethernet-switching mac-learning-log | <get-ethernet-switching-log-information> | <ethernet-switching-mac-log-information> |
| show ethernet-switching mac-notification | <get-ethernet-switching-mac-notification-information> | <ethernet-switching-mac-notification-information> |
| show ethernet-switching next-hops | <get-ethernet-switching-next-hop-information> | <ethernet-switching-next-hop-information> |
| show ethernet-switching statistics aging | <get-ethernet-switching-aging-stats-information> | <ethernet-switching-aging-stats-information> |
| show ethernet-switching statistics mac-learning | <get-ethernet-switching-stats-information> | <ethernet-switching-stats-information> |
| show ethernet-switching table | <get-ethernet-switching-table-information> | <ethernet-switching-table-information> |
| show fip snooping | <get-fip-snooping> | <fip-snooping> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|-----------------------------------|--|--|
| show fip snooping enode | <get-fip-snooping-enode> | <NONE> |
| show fip snooping fcf | <get-fip-snooping-fcf> | <NONE> |
| show fip snooping statistics | <get-fip-snooping-statistics> | <NONE> |
| show fip snooping vlan | <get-fip-snooping-vlan> | <NONE> |
| show firewall | <get-firewall-information> | <firewall-information> |
| show firewall counter | <get-firewall-counter-information> | <firewall-counter-information> |
| show firewall filter | <get-firewall-filter-information> | <firewall-filter-information> |
| show firewall filter version | <get-filter-version> | <firewall-information> |
| show firewall log | <get-firewall-log-information> | <firewall-log-information> |
| show firewall prefix-action-stats | <get-firewall-prefix-action-information> | <firewall-prefix-action-information> |
| show gvrp | <get-gvrp-information> | <gvrp-information> |
| show helper statistics | <get-helper-statistics-information> | <helper-statistics-information> |
| show igmp-snooping flows | <get-igmp-snooping-flow-information> | <igmp-snooping-flow-information> |
| show igmp-snooping membership | <get-igmp-snooping-membership-information> | <igmp-snooping-membership-information> |
| show igmp-snooping route | <get-igmp-snooping-routing-information> | <igmp-snooping-routing-information> |
| show igmp-snooping statistics | <get-igmp-snooping-statistics-information> | <igmp-snooping-statistics-information> |
| show igmp-snooping task | <get-igmp-snooping-task-information> | <igmp-snooping-task-information> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show igmp-snooping vlans | <get-igmp-snooping-vlan-information> | <igmp-snooping-vlan-information> |
| show ike security-associations | <get-ike-security-associations-information> | <ike-security-associations-information> |
| show ip-source-guard | <get-ip-source-guard-information> | <ip-source-guard-information> |
| show ipsec certificates | <get-certificates-information> | <certificates-information> |
| show ipsec certificates crt | <get-crt-information> | <crt-information> |
| show ipsec redundancy interface | <get-ipsec-pic-redundancy-information> | <ipsec-pic-redundancy-information> |
| show ipsec redundancy security-associations | <get-ipsec-tunnel-redundancy-information> | <ipsec-tunnel-redundancy-information> |
| show ipsec security-associations | <get-security-associations-information> | <security-associations-information> |
| show lldp | <get-lldp-information> | <lldp-information> |
| show lldp detail | <get-lldp-information-detail> | <lldp-information-detail> |
| show lldp local-information | <get-lldp-local-info> | <lldp-local-info> |
| show lldp neighbors | <get-lldp-neighbors-information> | <lldp-neighbors-information> |
| show lldp remote-global-statistics | <get-lldp-remote-global-statistics> | <lldp-remote-global-statistics> |
| show lldp statistics | <get-lldp-statistics-information> | <lldp-statistics-information> |
| show mvrp | <get-mvrp-information> | <mvrp-information> |
| show mvrp dynamic-vlan-memberships | <get-mvrp-dynamic-vlan-memberships> | <mvrp-dynamic-vlan-memberships> |
| show mvrp statistics | <get-mvrp-stats> | <mvrp-stats> |
| show mvrp statistics interface | <get-mvrp-stats-intf> | <mvrp-stats-intf> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show poe controller | <get-poe-controller-information> | <poe-controller-information> |
| show poe interface | <get-poe-interface-information> | <interface-information> |
| show poe notification-control | <get-poe-notifications> | <poe-notification-information> |
| show poe telemetry interface | <get-telemetry-information> | <telemetry-information> |
| show redundant-trunk-group | <get-rtg-information> | <rtg-information> |
| show redundant-trunk-group group-name | <get-rtg-information-pergrp> | <rtg-information-pergrp> |
| show security pki ca-certificate | <get-pki-ca-certificate> | <NONE> |
| show security pki certificate-request | <get-pki-certificate-request> | <NONE> |
| show security pki crt | <get-pki-crl> | <NONE> |
| show security pki local-certificate | <get-pki-local-certificate> | <NONE> |
| show services fips pic status | <get-fips-pic-status-information> | <fips-pic-status-information> |
| show services ipsec-vpn ike security-associations | <get-ike-services-security-associations-information> | <ike-security-associations-information> |
| show services ipsec-vpn ipsec security-associations | <get-services-security-associations-information> | <services-security-associations-information> |
| show services ipsec-vpn ipsec statistics | <get-services-ipsec-statistics-information> | <ipsec-total-statistics-information> |
| show sflow collector | <get-sflow-collector> | <sflow-collector> |
| show sflow interface | <get-sflow-interface> | <sflow-interface> |
| show spanning-tree bridge | <get-stp-bridge-information> | <stp-bridge-information> |
| show spanning-tree interface | <get-stp-bridge-interface-information> | <stp-bridge-interface-information> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show spanning-tree mstp configuration | <get-mstp-bridge-configuration-information> | <mstp-bridge-configuration-information> |
| show spanning-tree statistics interface | <get-stp-statistics-interface-information> | <stp-statistics-interface-information> |
| show spanning-tree statistics vlan | <get-stp-vlan-interface-statistics> | <stp-vlan-interface-statistics> |
| show system autoinstallation status | <get-autoinstallation-status-information> | <autoinstallation-status-information> |
| show system initialsetup status | <get-initialsetup-status-information> | <initialsetup-status-information> |
| show system services dhcp binding | <get-dhcp-binding-information> | <dhcp-binding-information> |
| show system services dhcp binding | <get-dhcp-binding-information> | <dhcp-binding-information> |
| show system services dhcp client | <get-dhcp-client-information> | <dhcp-client-information> |
| show system services dhcp conflict | <get-dhcp-conflict-information> | <dhcp-conflict-information> |
| show system services dhcp conflict | <get-dhcp-conflict-information> | <dhcp-conflict-information> |
| show system services dhcp global | <get-dhcp-global-information> | <dhcp-global-information> |
| show system services dhcp global | <get-dhcp-global-information> | <dhcp-global-information> |
| show system services dhcp pool | <get-dhcp-pool-information> | <dhcp-pool-information> |
| show system services dhcp pool | <get-dhcp-pool-information> | <dhcp-pool-information> |
| show system services dhcp relay-statistics | <get-dhcp-helper-statistics> | <dhcp-helper-statistics> |
| show system services dhcp statistics | <get-dhcp-statistics-information> | <dhcp-statistics-information> |
| show system services dhcp statistics | <get-dhcp-statistics-information> | <dhcp-statistics-information> |
| show uplink-failure-detection | <get-uplink-failure-detection-information> | <uplink-failure-detection-information> |
| show uplink-failure-detection group | <get-uplink-failure-detection-group-information> | <uplink-failure-detection-group-information> |

Table 4: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (EX Series and QFX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show virtual-chassis active-topology | <get-virtual-chassis-active-topology> | <virtual-chassis-active-topology> |
| show virtual-chassis device-topology | <get-virtual-chassis-device-topology> | <virtual-chassis-device-information> |
| show virtual-chassis fast-failover | <get-virtual-chassis-fast-failover> | <virtual-chassis-fast-failover> |
| show virtual-chassis mode | <get-virtual-chassis-mode-information> | <virtual-chassis-mode-information> |
| show virtual-chassis protocol adjacency | <get-virtual-chassis-adjacency-information> | <virtual-chassis-adjacency-information> |
| show virtual-chassis protocol database | <get-virtual-chassis-database-information> | <virtual-chassis-database-information> |
| show virtual-chassis protocol interface | <get-virtual-chassis-interface-information> | <virtual-chassis-interface-information> |
| show virtual-chassis protocol route | <get-virtual-chassis-route-information> | <virtual-chassis-route-information> |
| show virtual-chassis protocol statistics | <get-virtual-chassis-statistics-information> | <virtual-chassis-statistics-information> |
| show virtual-chassis status | <get-virtual-chassis-information> | <virtual-chassis-information> |
| show virtual-chassis vc-path | <get-virtual-chassis-packet-path> | <virtual-chassis-packet-path> |
| show virtual-chassis vc-port | <get-virtual-chassis-port-information> | <virtual-chassis-port-information> |
| show virtual-chassis vc-port statistics | <get-virtual-chassis-port-statistics> | <virtual-chassis-port-statistics> |
| show vlans | <get-vlan-information> | <vlan-information> |

CHAPTER 3

Mapping Between Operational Tag Elements, Perl Methods, and CLI Commands for J Series and SRX Series

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|---|
| clear arp inspection statistics | <clear-arp-inspection-statistics> | <NONE> |
| clear bridge rewrite statistics | <clear-retag-statistics> | <clear-vlan-retag-statistics-information> |
| clear chassis cluster control-plane statistics | <clear-chassis-cluster-control-plane-statistics> | <NONE> |
| clear chassis cluster data-plane statistics | <clear-chassis-cluster-data-plane-statistics> | <NONE> |
| clear chassis cluster ethernet-switching statistics | <clear-chassis-cluster-switch-fabric-probe-statistics> | <NONE> |
| clear chassis cluster failover-count | <clear-chassis-cluster-failover-count> | <NONE> |
| clear chassis cluster ip-monitoring failure-count | <clear-chassis-cluster-ip-monitoring-failure-count> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|------------------------------|
| clear chassis cluster ip-monitoring failure-count ip-address | <clear-chassis-cluster-ip-monitoring-failure-count-ip-address> | <NONE> |
| clear chassis cluster statistics | <clear-chassis-cluster-statistics> | <NONE> |
| clear dhcp snooping binding | <clear-dhcp-snooping> | <NONE> |
| clear dhcp snooping statistics | <clear-dhcp-snooping-statistics> | <NONE> |
| clear dot1x firewall | <clear-dot1x-firewall> | <dot1x-firewall> |
| clear dot1x firewall interface | <clear-dot1x-firewall-interface> | <NONE> |
| clear dot1x interface | <clear-dot1x-interface-session> | <dot1x-interface-session> |
| clear dot1x mac-address | <clear-dot1x-mac-session> | <dot1x-mac-session> |
| clear dot1x statistics | <clear-dot1x-statistics> | <dot1x-statistics> |
| clear dot1x statistics interface | <clear-dot1x-statistics-interface> | <dot1x-statistics-interface> |
| clear ethernet-switching layer2-protocol-tunneling statistics | <clear-ethernet-switching-l2pt-statistics> | <NONE> |
| clear ethernet-switching mac-learning-log | <clear-ethernet-switching-mac-learning-log> | <NONE> |
| clear ethernet-switching statistics mac-learning | <clear-ethernet-switching-statistics-mac-learning> | <NONE> |
| clear ethernet-switching table | <clear-ethernet-switching-table> | <NONE> |
| clear ethernet-switching table management-vlan | <clear-ethernet-switching-table-management-vlan> | <NONE> |
| clear fip snooping enode | <clear-fip-snooping-enode> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| clear fip snooping statistics | <clear-fip-snooping-statistics> | <NONE> |
| clear fip snooping vlan | <clear-fip-snooping-vlan> | <NONE> |
| clear igmp-snooping | <clear-igmp-snooping> | <NONE> |
| clear igmp-snooping membership | <clear-igmp-snooping-membership> | <NONE> |
| clear igmp-snooping statistics | <clear-igmp-snooping-statistics> | <NONE> |
| clear mvrp statistics | <clear-mvrp-statistics> | <mvrp-statistics> |
| clear mvrp statistics interface | <clear-mvrp-statistics-interface> | <mvrp-statistics-interface> |
| clear security alg h323 counters | <clear-alg-h323-counters> | <NONE> |
| clear security alg ike-esp-nat | <clear-alg-ike-esp-state> | <alg-ike-esp-clear> |
| clear security alg mgcp calls | <clear-alg-mgcp-calls-information> | <NONE> |
| clear security alg mgcp counters | <clear-alg-mgcp-counter-information> | <NONE> |
| clear security alg sccp calls | <clear-alg-sccp-calls-information> | <NONE> |
| clear security alg sccp counters | <clear-alg-sccp-counters> | <NONE> |
| clear security alg sip calls | <clear-alg-sip-calls> | <NONE> |
| clear security alg sip counters | <clear-alg-sip-counters> | <NONE> |
| clear security application-firewall rule-set statistics | <clear-application-firewall-statistics> | <NONE> |
| clear security application-tracking counters | <clear-avt-counters> | <NONE> |
| clear security datapath-debug counters | <clear-eedebug-counters> | <clear-eedebug-counters-result> |
| clear security dynamic-policies statistics | <clear-security-dynamic-policies-statistics> | <NONE> |
| clear security dynamic-vpn all | <clear-all-dvpn-user-connections> | <clear-all-dvpn-user-connection-information> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| clear security dynamic-vpn user | <clear-dvpn-user-connection-by-username> | <clear-dvpn-user-connection-information> |
| clear security firewall-authentication history | <clear-security-firewall-authentication-history> | <NONE> |
| clear security firewall-authentication users | <clear-security-firewall-authentication-users> | <NONE> |
| clear security flow ip-action all | <clear-flow-ipaction-all> | <clear-flow-ipaction-information> |
| clear security flow session all | <clear-flow-session-all> | <clear-flow-session-information> |
| clear security flow session application | <clear-flow-session-by-application> | <clear-flow-session-information> |
| clear security flow session destination-port | <clear-flow-session-by-destination-port> | <clear-flow-session-information> |
| clear security flow session destination-prefix | <clear-flow-session-by-destination-prefix> | <clear-flow-session-information> |
| clear security flow session family | <clear-flow-session-by-family> | <clear-flow-session-information> |
| clear security flow session interface | <clear-flow-session-by-interface> | <clear-flow-session-information> |
| clear security flow session protocol | <clear-flow-session-by-protocol> | <clear-flow-session-information> |
| clear security flow session resource-manager | <clear-flow-session-by-resource-manager> | <clear-flow-session-information> |
| clear security flow session session-identifier | <clear-flow-session-by-session-identifier> | <clear-flow-session-information> |
| clear security flow session source-port | <clear-flow-session-by-source-port> | <clear-flow-session-information> |
| clear security flow session source-prefix | <clear-flow-session-by-source-prefix> | <clear-flow-session-information> |
| clear security group-vpn member ike security-associations | <clear-group-vpn-ike-security-associations> | <NONE> |
| clear security group-vpn member ipsec security-associations | <clear-gvpn-ipsec-security-association> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| clear security group-vpn member ipsec statistics | <clear-gvpn-ipsec-statistics> | <NONE> |
| clear security group-vpn member kek security-associations | <clear-group-vpn-kek-security-associations> | <NONE> |
| clear security group-vpn server | <clear-security-group-vpn-server> | <NONE> |
| clear security ike respond-bad-spi-count | <clear-ike-respond-bad-spi-count> | <NONE> |
| clear security ike security-associations | <clear-ike-security-association> | <NONE> |
| clear security ipsec security-associations | <clear-ipsec-security-association> | <NONE> |
| clear security ipsec statistics | <clear-ipsec-statistics> | <NONE> |
| clear security nat incoming-table | <clear-incoming-table-information> | <incoming-table-information> |
| clear security nat source persistent-nat-table all | <clear-persist-nat-all> | <persist-nat-all> |
| clear security nat source persistent-nat-table interface | <clear-persist-nat-interface-information> | <persist-nat-interface-information> |
| clear security nat source persistent-nat-table internal-ip | <clear-persist-nat-ip-port-information> | <persist-nat-ip-port-information> |
| clear security nat source persistent-nat-table pool | <clear-persist-nat-pool-information> | <persist-nat-pool-information> |
| clear security nat statistics destination pool | <clear-destination-nat-pool-information> | <destination-nat-pool-information> |
| clear security nat statistics destination rule | <clear-destination-nat-rule-sets-information> | <Clear_destination-nat-rule-sets-information> |
| clear security nat statistics source pool | <clear-source-nat-pool-information> | <source-nat-pool-information> |
| clear security nat statistics source rule | <clear-source-nat-rule-sets-information> | <Clear_source-nat-rule-sets-information> |
| clear security nat statistics static rule | <clear-static-nat-rule-sets-information> | <Clear_static-nat-rule-sets-information> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|------------------------------------|
| clear security policies statistics | <clear-security-policies-statistics> | <NONE> |
| clear security screen statistics | <clear-screen-statistics> | <clear-ids-statistics-information> |
| clear security utm anti-spam statistics | <clear-anti-spam-clear> | <NONE> |
| clear security utm anti-virus statistics | <clear-anti-virus> | <NONE> |
| clear security utm content-filtering statistics | <clear-content-filter> | <NONE> |
| clear security utm web-filtering statistics | <clear-web-filter-clear> | <NONE> |
| clear system services dhcp binding | <clear-dhcp-binding-information> | <NONE> |
| clear system services dhcp conflict | <clear-dhcp-conflict-information> | <NONE> |
| clear system services dhcp statistics | <clear-dhcp-statistics-information> | <NONE> |
| clear tgm fpc | <clear-tgm-media-gateway-controller> | <NONE> |
| clear wlan access-point neighbors | <clear-wlan-access-points-neighbors> | <NONE> |
| load dhcp-snooping | <load-dhcp-snooping> | <NONE> |
| request chassis cluster in-service-upgrade | <request-chassis-cluster-in-service-upgrade> | <NONE> |
| request modem wireless activate iota | <request-modem-wireless-activate-iota> | <NONE> |
| request modem wireless activate manual | <request-modem-wireless-activate-manual> | <NONE> |
| request modem wireless activate otasp | <request-modem-wireless-activate-otasp> | <NONE> |
| request modem wireless gsm change-pin | <request-gsm-change-pin> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|--|
| request modem wireless gsm create-profile | <request-gsm-create-profile> | <NONE> |
| request modem wireless gsm delete-profile | <request-gsm-delete-profile> | <NONE> |
| request modem wireless gsm sim-lock | <request-gsm-sim-lock> | <NONE> |
| request modem wireless gsm sim-unblock | <request-gsm-sim-unblock> | <NONE> |
| request modem wireless gsm sim-unlock | <request-gsm-sim-unlock> | <NONE> |
| request security datapath-debug capture start | <request-eedebug-capture-start> | <request-eedebug-capture-start-result> |
| request security datapath-debug capture stop | <request-eedebug-capture-stop> | <request-eedebug-capture-stop-result> |
| request security utm anti-virus juniper-express-engine | <request-anti-virus-request-update-express> | <NONE> |
| request security utm anti-virus kaspersky-lab-engine | <request-anti-virus-request-update-kaspersky> | <NONE> |
| request security utm anti-virus sophos-engine | <request-anti-virus-update-sophos-patterns> | <NONE> |
| request system services dhcp release | <release-dhcp-client> | <NONE> |
| request system services dhcp renew | <renew-dhcp-client> | <NONE> |
| request wlan access-point firmware switch-image | <request-wlan-access-point-firmware-switch> | <NONE> |
| request wlan access-point firmware upgrade | <request-wlan-access-point-firmware-upgrade> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| request wlan access-point packet-capture start | <request-wlan-access-point-packet-capture-start> | <NONE> |
| request wlan access-point packet-capture stop | <request-wlan-access-point-packet-capture-stop> | <NONE> |
| request wlan access-point restart | <request-wlan-access-point-restart> | <NONE> |
| save dhcp-snooping | <save-dhcp-snooping> | <NONE> |
| set chassis cluster cluster-id | <set-chassis-cluster-enable> | <NONE> |
| set chassis cluster disable | <set-chassis-cluster-disable> | <NONE> |
| set tgm fpc | <set-tgm-media-gateway-controller> | <NONE> |
| show analyzer | <get-analyzer-information> | <analyzer-information> |
| show arp inspection statistics | <get-arp-inspection-statistics> | <arp-inspection-statistics> |
| show authentication-whitelist | <get-ethernet-switching-authentication-whitelist-mac> | <ethernet-switching-authentication-whitelist-mac> |
| show authentication-whitelist authentication-bypassed-users | <get-authentication-whitelist-mac-bypassed-users> | <dot1x-authentication-whitelist-mac-bypassed-users> |
| show authentication-whitelist interface | <get-ethernet-switching-interface-mac-addresses> | <ethernet-switching-interface-mac-addresses> |
| show bridge rewrite statistics | <get-retag-statistics> | <show-retag-statistics-information> |
| show chassis cluster control-plane statistics | <get-chassis-cluster-control-plane-statistics> | <NONE> |
| show chassis cluster data-plane interfaces | <get-chassis-cluster-data-plane-interfaces> | <NONE> |
| show chassis cluster data-plane statistics | <get-chassis-cluster-data-plane-statistics> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---------------------------------------|
| show chassis cluster ethernet-switching interfaces | <get-chassis-cluster-switch-fabric-link-interfaces> | <NONE> |
| show chassis cluster ethernet-switching statistics | <get-chassis-cluster-switch-fabric-probe-statistics> | <NONE> |
| show chassis cluster ethernet-switching status | <get-chassis-cluster-ethernet-switching-status> | <NONE> |
| show chassis cluster interfaces | <get-chassis-cluster-interfaces> | <NONE> |
| show chassis cluster ip-monitoring status | <get-chassis-cluster-ip-monitoring-status> | <NONE> |
| show chassis cluster ip-monitoring status redundancy-group | <get-chassis-cluster-ip-monitoring-status-redundancy-group> | <NONE> |
| show chassis cluster statistics | <get-chassis-cluster-statistics> | <NONE> |
| show chassis cluster status | <get-chassis-cluster-status> | <NONE> |
| show dcbx neighbors | <get-dcbx-neighbor-information> | <dcbx-neighbor-information> |
| show dcbx neighbors interface | <get-dcbx-neighbor-interface-information> | <dcbx-neighbor-interface-information> |
| show dhcp snooping binding | <get-dhcp-snoop-binding> | <dhcp-snoop-information> |
| show dhcp snooping statistics | <get-dhcp-snooping-statistics> | <dhcp-snooping-statistics> |
| show dialer defaults | <get-dialer-defaults-information> | <dialer-defaults-information> |
| show dot1x authentication-bypassed-users | <get-static-mac-bypassed-users> | <dot1x-static-mac-bypassed-users> |
| show dot1x authentication-failed-users | <get-dot1x-authentication-failed-users> | <dot1x-authentication-failed-users> |
| show dot1x firewall | <get-dot1x-firewall-interface> | <dot1x-firewall-interface> |
| show dot1x interface | <get-dot1x-interface-information> | <dot1x-interface-information> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---|---|
| show dot1x static-mac-address | <get-dot1x-static-mac-addresses> | <dot1x-static-mac-addresses> |
| show dot1x static-mac-address interface | <get-dot1x-interface-mac-addresses> | <dot1x-interface-mac-addresses> |
| show dot1x statistics | <get-dot1x-statistics> | <dot1x-statistics> |
| show dot1x statistics interface | <get-dot1x-statistics-interface> | <dot1x-statistics-interface> |
| show ethernet-switching interfaces | <get-ethernet-switching-interface-information> | <ethernet-switching-interface-information> |
| show ethernet-switching layer2-protocol-tunneling | <get-ethernet-switching-l2pt-information> | <ethernet-switching-l2pt-information> |
| show ethernet-switching mac-learning-log | <get-ethernet-switching-log-information> | <ethernet-switching-mac-log-information> |
| show ethernet-switching mac-notification | <get-ethernet-switching-mac-notification-information> | <ethernet-switching-mac-notification-information> |
| show ethernet-switching next-hops | <get-ethernet-switching-next-hop-information> | <ethernet-switching-next-hop-information> |
| show ethernet-switching statistics aging | <get-ethernet-switching-aging-stats-information> | <ethernet-switching-aging-stats-information> |
| show ethernet-switching statistics mac-learning | <get-ethernet-switching-stats-information> | <ethernet-switching-stats-information> |
| show ethernet-switching table | <get-ethernet-switching-table-information> | <ethernet-switching-table-information> |
| show fip snooping | <get-fip-snooping> | <fip-snooping> |
| show fip snooping enode | <get-fip-snooping-enode> | <NONE> |
| show fip snooping fcf | <get-fip-snooping-fcf> | <NONE> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|------------------------------------|--|--|
| show fip snooping statistics | <get-fip-snooping-statistics> | <NONE> |
| show fip snooping vlan | <get-fip-snooping-vlan> | <NONE> |
| show gvrp | <get-gvrp-information> | <gvrp-information> |
| show igmp-snooping flows | <get-igmp-snooping-flow-information> | <igmp-snooping-flow-information> |
| show igmp-snooping membership | <get-igmp-snooping-membership-information> | <igmp-snooping-membership-information> |
| show igmp-snooping route | <get-igmp-snooping-routing-information> | <igmp-snooping-routing-information> |
| show igmp-snooping statistics | <get-igmp-snooping-statistics-information> | <igmp-snooping-statistics-information> |
| show igmp-snooping task | <get-igmp-snooping-task-information> | <igmp-snooping-task-information> |
| show igmp-snooping vlans | <get-igmp-snooping-vlan-information> | <igmp-snooping-vlan-information> |
| show ip-source-guard | <get-ip-source-guard-information> | <ip-source-guard-information> |
| show lldp | <get-lldp-information> | <lldp-information> |
| show lldp detail | <get-lldp-information-detail> | <lldp-information-detail> |
| show lldp local-information | <get-lldp-local-info> | <lldp-local-info> |
| show lldp neighbors | <get-lldp-neighbors-information> | <lldp-neighbors-information> |
| show lldp remote-global-statistics | <get-lldp-remote-global-statistics> | <lldp-remote-global-statistics> |
| show lldp statistics | <get-lldp-statistics-information> | <lldp-statistics-information> |
| show modem wireless interface | <show-modem-wireless-interface> | <NONE> |
| show mvrp | <get-mvrp-information> | <mvrp-information> |
| show mvrp dynamic-vlan-memberships | <get-mvrp-dynamic-vlan-memberships> | <mvrp-dynamic-vlan-memberships> |
| show mvrp statistics | <get-mvrp-stats> | <mvrp-stats> |
| show mvrp statistics interface | <get-mvrp-stats-intf> | <mvrp-stats-intf> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|-------------------------------------|---------------------------------|
| show poe controller | <get-poe-controller-information> | <poe-controller-information> |
| show poe fpc | <get-poe-fpc-information> | <poe-fpc-information> |
| show poe interface | <get-poe-interface-information> | <interface-information> |
| show poe notification-control | <get-poe-notifications> | <poe-notification-information> |
| show poe telemetries interface | <get-telemetries-information> | <telemetries-information> |
| show redundant-trunk-group | <get-rtg-information> | <rtg-information> |
| show redundant-trunk-group group-name | <get-rtg-information-pergrp> | <rtg-information-pergrp> |
| show schedulers | <get-schedulers> | <schedulers> |
| show security alg h323 counters | <get-alg-h323-counters> | <alg-h323-counters> |
| show security alg ike-esp-nat | <show-alg-ike-esp-state> | <alg-ike-esp-show> |
| show security alg ike-esp-nat summary | <show-alg-ike-esp-summary> | <alg-ike-esp-show-summary> |
| show security alg mgcp calls | <get-alg-mgcp-call-information> | <alg-mgcp-call-information> |
| show security alg mgcp counters | <get-alg-mgcp-counter-information> | <alg-mgcp-counter-information> |
| show security alg mgcp endpoints | <get-alg-mgcp-endpoint-information> | <alg-mgcp-endpoint-information> |
| show security alg msrpc object-id-map | <get-alg-msrpc-uuid2oid-table> | <alg-msrpc-uuid2oid-table> |
| show security alg sccp calls | <get-alg-sccp-calls> | <alg-sccp-calls> |
| show security alg sccp counters | <get-alg-sccp-counters> | <alg-sccp-counters> |
| show security alg sip calls | <get-alg-sip-call-information> | <alg-sip-call-information> |
| show security alg sip counters | <get-alg-sip-counter-information> | <alg-sip-counter-information> |
| show security alg sip rate | <get-alg-sip-rate-information> | <alg-sip-rate-information> |
| show security alg status | <get-alg-status> | <alg-status> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|---------------------------------------|-----------------------------------|
| show security application-firewall rule-set | <get-appfw-rule-set> | <security-appfw-rule-set> |
| show security application-tracking counters | <get-avt-counters> | <avt-counters> |
| show security datapath-debug action-profile | <get-eedebug-action-profile> | <eedebug-all-action-profile> |
| show security datapath-debug capture | <show-eedebug-capture> | <eedebug-capture-output> |
| show security datapath-debug counters | <get-eedebug-counters> | <eedebug-all-counters> |
| show security datapath-debug events | <get-eedebug-events> | <eedebug-all-events> |
| show security dynamic-policies | <get-firewall-dynamic-policies> | <security-dynamic-policies> |
| show security dynamic-vpn client version | <get-client-version> | <dvpn-client-version> |
| show security dynamic-vpn users | <get-user-connection> | <dvpn-users-information> |
| show security firewall-authentication history | <get-firewall-authentication-history> | <firewall-authentication-history> |
| show security firewall-authentication users | <get-firewall-authentication-users> | <firewall-authentication-users> |
| show security flow cp-session | <get-flow-cp-session> | <flow-cp-session> |
| show security flow gate | <get-flow-gate-information> | <flow-gate-information> |
| show security flow ip-action | <get-flow-ipaction-information> | <flow-ipaction-information> |
| show security flow ip-action all | <get-flow-ipaction-information-all> | <flow-ipaction-information> |
| show security flow session | <get-flow-session-information> | <flow-session-information> |
| show security flow session session-identifier | <get-flow-session-by-identifier> | <flow-session-information> |
| show security flow statistics | <get-flow-statistics-all> | <flow-statistics-all> |
| show security flow status | <get-flow-status-all> | <flow-status-all> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| show security group-vpn member ike security-associations | <get-gvpn-ike-security-associations-information> | <ike-security-associations-information> |
| show security group-vpn member ipsec security-associations | <get-gvpn-security-associations-information> | <security-associations-information> |
| show security group-vpn member ipsec statistics | <get-gvpn-ipsec-statistics-information> | <usp-ipsec-total-statistics-information> |
| show security group-vpn member kek security-associations | <get-gvpn-kek-security-associations-information> | <ike-security-associations-information> |
| show security group-vpn server ike security-associations | <get-security-group-vpn-server-ike-security-associations-information> | <security-group-vpn-server-ike-security-associations-information> |
| show security group-vpn server ipsec security-associations | <get-security-group-vpn-server-security-information> | <security-group-vpn-server-security-information> |
| show security group-vpn server kek security-associations | <get-security-group-vpn-server-kek-sa> | <security-group-vpn-server-kek-sa> |
| show security group-vpn server registered-members | <get-security-group-vpn-server-registered-members> | <security-group-vpn-server-registered-members> |
| show security ike active-peer | <get-ike-active-peers-information> | <ike-active-peers-information> |
| show security ike pre-shared-key | <get-pre-shared-key> | <NONE> |
| show security ike security-associations | <get-ike-security-associations-information> | <ike-security-associations-information> |
| show security ipsec next-hop-tunnels | <get-ipsec-next-hop-tunnel-information> | <usp-ipsec-next-hop-tunnel-information> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|---|--|--|
| show security ipsec security-associations | <get-security-associations-information> | <security-associations-information> |
| show security ipsec statistics | <get-ipsec-statistics-information> | <usp-ipsec-total-statistics-information> |
| show security match-policies | <match-firewall-policies> | <security-policy-match> |
| show security monitoring fpc | <get-spu-monitoring-information> | <spu-monitroing-information> |
| show security monitoring performance session | <get-performance-session-information> | <performance-session-information> |
| show security monitoring performance spu | <get-performance-spu-information> | <performance-spu-information> |
| show security nat destination pool | <get-destination-nat-pool-information> | <destination-nat-pool-information> |
| show security nat destination rule | <get-destination-nat-rule-sets-information> | <destination-nat-rule-sets> |
| show security nat destination summary | <retrieve-destination-nat-summary-information> | <destination-nat-summary-information> |
| show security nat destination-nat summary | <get-destination-nat-summary-information> | <destination-nat-summary-information> |
| show security nat incoming-table | <get-incoming-table-information> | <incoming-table-information> |
| show security nat interface-nat-ports | <get-interface-nat-ports-information> | <interface-nat-ports-information> |
| show security nat source persistent-nat-table all | <get-persist-nat-all> | <persist-nat-all> |
| show security nat source persistent-nat-table interface | <get-persist-nat-interface-information> | <source-nat-summary> |
| show security nat source persistent-nat-table internal-ip | <retrieve-persist-nat-ip-port-information> | <persist-nat-ip-port-information> |
| show security nat source persistent-nat-table pool | <retrieve-persist-nat-pool-information> | <persist-nat-pool-information> |
| show security nat source persistent-nat-table summary | <get-persist-nat-sum> | <persist-nat-sum> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|--|--|
| show security nat source pool | <retrieve-source-nat-pool-information> | <source-nat-pool-information> |
| show security nat source rule | <get-source-nat-rule-sets-information> | <source-nat-rule-sets-information> |
| show security nat source summary | <retrieve-source-nat-summary> | <source-nat-summary> |
| show security nat source-nat pool | <get-source-nat-pool-information> | <source-nat-pool-information> |
| show security nat source-nat summary | <get-source-nat-summary> | <source-nat-summary> |
| show security nat static rule | <get-static-nat-rule-information> | <static-nat-rule-information> |
| show security nat static-nat summary | <get-static-nat-summary> | <static-nat-summary> |
| show security policies | <get-firewall-policies> | <security-policies> |
| show security resource-manager group active | <get-resmgr-group-active> | <resmgr-group-active> |
| show security resource-manager resource active | <get-resmgr-resource-active> | <resmgr-resource-active> |
| show security resource-manager settings | <get-resmgr-settings> | <resmgr-settings> |
| show security resource-manager summary | <get-resource-manager-summary> | <resource-manager-summary-information> |
| show security screen statistics | <get-ids-statistics> | <ids-statistics> |
| show security softwires | <show-ds-lite-software-sc-information> | <ds-lite-software-sc-information> |
| show security softwires software-name | <show-ds-lite-software-one-sc-information> | <ds-lite-software-one-sc-information> |
| show security utm anti-spam | <show-anti-spam> | <NONE> |
| show security utm anti-spam statistics | <show-anti-spam-statistics> | <anti-spam-statistics> |
| show security utm anti-spam status | <show-anti-spam-status> | <anti-spam-status> |
| show security utm anti-virus | <show-anti-virus> | <NONE> |
| show security utm anti-virus statistics | <show-anti-virus-statistics> | <anti-virus-statistics> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| show security utm anti-virus status | <show-anti-virus-status> | <anti-virus-status> |
| show security utm anti-virus status detail | <show-anti-virus-status-detail> | <anti-virus-status-detail> |
| show security utm content-filtering | <show-content-filtering> | <NONE> |
| show security utm content-filtering statistics | <show-content-filtering-statistics> | <show-content-filtering-statistics> |
| show security utm session | <show-utmd-session> | <utmd-session> |
| show security utm status | <show-utmd-status> | <utmd-status> |
| show security utm web-filtering | <show-web-filtering> | <NONE> |
| show security utm web-filtering statistics | <show-web-filtering-statistics> | <web-filtering-statistics> |
| show security utm web-filtering status | <show-web-filtering-status> | <web-filtering-status> |
| show security zones | <get-zones-information> | <zones-information> |
| show smtp servers | <get-smtp-configuration> | <smtp-configuration> |
| show smtp statistics | <get-smtp-statistics> | <smtp-statistics> |
| show spanning-tree bridge | <get-stp-bridge-information> | <stp-bridge-information> |
| show spanning-tree interface | <get-stp-bridge-interface-information> | <stp-bridge-interface-information> |
| show spanning-tree mstp configuration | <get-mstp-bridge-configuration-information> | <mstp-bridge-configuration-information> |
| show spanning-tree statistics interface | <get-stp-statistics-interface-information> | <stp-statistics-interface-information> |
| show spanning-tree statistics vlan | <get-stp-vlan-interface-statistics> | <stp-vlan-interface-statistics> |
| show system autoinstallation status | <get-autoinstallation-status-information> | <autoinstallation-status-information> |
| show system services dhcp binding | <get-dhcp-binding-information> | <dhcp-binding-information> |
| show system services dhcp client | <get-dhcp-client-information> | <dhcp-client-information> |

Table 5: Mapping of CLI Commands to Junos XML Operational Tag Elements and Perl Methods (J Series and SRX Series) (continued)

| CLI Command | Request Tag Element and Perl Method | Response Tag Element |
|--|---|---|
| show system services dhcp conflict | <get-dhcp-conflict-information> | <dhcp-conflict-information> |
| show system services dhcp global | <get-dhcp-global-information> | <dhcp-global-information> |
| show system services dhcp pool | <get-dhcp-pool-information> | <dhcp-pool-information> |
| show system services dhcp relay-statistics | <get-dhcp-helper-statistics> | <dhcp-helper-statistics> |
| show system services dhcp statistics | <get-dhcp-statistics-information> | <dhcp-statistics-information> |
| show tgm dynamic-call-admission-control | <get-tgm-dynamic-cac-information> | <tgm-dynamic-cac-information> |
| show tgm fpc | <get-tgm-information> | <tgm-information> |
| show tgm telephony-interface-module | <get-tgm-telephony-interface-module-status> | <telephony-interface-module-status-information> |
| show vlans | <get-vlan-information> | <vlan-information> |
| show wan-acceleration status | <get-wx-status> | <wx-status> |
| show wlan access-points | <get-wlan-access-points-list> | <wlan-access-points-list> |
| test security utm anti-spam | <test-anti-spam-profile> | <anti-spam-test> |
| test security utm anti-virus | <test-anti-virus-profile> | <anti-virus-test> |
| test security utm web-filtering | <test-web-filtering-profile> | <web-filtering-test> |

PART 2

Summary of Operational Request Tag Elements

- Operational Request Tag Elements Applicable to All Platforms on page 83
- Operational Request Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series on page 89
- Operational Request Tag Elements Common to J Series, EX Series, QFX Series, and SRX Series on page 105
- Operational Request Tag Elements Specific to M, MX, and T Series on page 131
- Operational Request Tag Elements Specific to EX Series and QFX Series on page 723
- Operational Request Tag Elements Specific to J Series and SRX Series on page 735

CHAPTER 4

Operational Request Tag Elements Applicable to All Platforms

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are applicable to devices belonging to:

- EX Series
- J Series
- M Series
- MX Series
- T Series
- QFX Series
- SRX Series

<clear-dhcp-binding-information>

Usage

```
<rpc>
  <clear-dhcp-binding-information>
    <address>address</address>
  </clear-dhcp-binding-information>
</rpc>
```

Description Clear DHCP client binding information

Contents <address>—Address of DHCP client binding

<clear-dhcp-conflict-information>

Usage

```
<rpc>
  <clear-dhcp-conflict-information>
    <address>address</address>
  </clear-dhcp-conflict-information>
</rpc>
```

Description Clear DHCP address conflict

Contents <address>—DHCP conflict address

<clear-dhcp-statistics-information>

Usage

```
<rpc>
  <clear-dhcp-statistics-information/>
</rpc>
```

Description Clear DHCP statistics

<clear-dot1x-mac-session>

Usage

```
<rpc>
  <clear-dot1x-mac-session>
    <static-mac-addr>static-mac-addr</static-mac-addr>
  </clear-dot1x-mac-session>
</rpc>
```

Description Clear 802.1X session on a MAC address

Contents <static-mac-addr>—MAC address to clear

<get-dhcp-binding-information>

Usage

```
<rpc>
  <get-dhcp-binding-information>
    <detail/>
    <address>address</address>
  </get-dhcp-binding-information>
</rpc>
```


| | |
|--------------------|---|
| Description | Show DHCP client binding information |
| Contents | <detail>—Display detailed information <address>—Address of DHCP client binding |

<get-dhcp-conflict-information>

Usage

```
<rpc>  
  <get-dhcp-conflict-information/>  
</rpc>
```

| | |
|--------------------|----------------------------|
| Description | Show DHCP address conflict |
|--------------------|----------------------------|

<get-dhcp-global-information>

Usage

```
<rpc>  
  <get-dhcp-global-information/>  
</rpc>
```

| | |
|--------------------|------------------------------------|
| Description | Show DHCP global scope information |
|--------------------|------------------------------------|

<get-dhcp-pool-information>

Usage

```
<rpc>  
  <get-dhcp-pool-information>  
    <detail/>  
    <subnet-address>subnet-address</subnet-address>  
  </get-dhcp-pool-information>  
</rpc>
```

| | |
|--------------------|------------------------------------|
| Description | Show DHCP address pool information |
|--------------------|------------------------------------|

| | |
|-----------------|--|
| Contents | <detail>—Display detailed information <subnet-address>—Logical subnet of address pool |
|-----------------|--|

<get-dhcp-statistics-information>

Usage

```
<rpc>  
  <get-dhcp-statistics-information/>
```

```
</rpc>
```

Description Show DHCP statistics

<get-dot1x-authentication-failed-users>

Usage

```
<rpc>  
  <get-dot1x-authentication-failed-users/>  
</rpc>
```

Description List users who have failed 802.1X authentication

<get-dot1x-interface-information>

Usage

```
<rpc>  
  <get-dot1x-interface-information>  
    <brief/>  
    <detail/>  
    <interface-name>interface-name</interface-name>  
  </get-dot1x-interface-information>  
</rpc>
```

Description Show 802.1X interface information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<interface-name>—Name of interface

<get-dot1x-interface-mac-addresses>

Usage

```
<rpc>  
  <get-dot1x-interface-mac-addresses>  
    <interface-name>interface-name</interface-name>  
  </get-dot1x-interface-mac-addresses>  
</rpc>
```

Description Show 802.1X static MAC addresses on this interface

Contents <interface-name>—Show static MAC addresses of interface

<get-dot1x-static-mac-addresses>

Usage

```
<rpc>
  <get-dot1x-static-mac-addresses>
</get-dot1x-static-mac-addresses>
</rpc>
```

Description Show 802.1X static MAC addresses

Contents <get-dot1x-interface-mac-addresses>—Show 802.1X static MAC addresses on this interface

<get-lldp-information>

Usage

```
<rpc>
  <get-lldp-information>
</get-lldp-information>
</rpc>
```

Description Show Link Layer Discovery Protocol information

Contents <get-lldp-information-detail>—Show detailed LLDP information

<get-lldp-neighbors-information>—Show LLDP neighbor information

<get-lldp-statistics-information>—Show LLDP statistics

<get-lldp-local-info>—Show LLDP information of local device

<get-lldp-remote-global-statistics>—Show LLDP remote global statistics information

<get-lldp-information-detail>

Usage

```
<rpc>
  <get-lldp-information-detail/>
</rpc>
```

Description Show detailed LLDP information

<get-lldp-local-info>

Usage

```
<rpc>
  <get-lldp-local-info/>
```

```
</rpc>
```

Description Show LLDP information of local device

<get-lldp-remote-global-statistics>

Usage

```
<rpc>  
<get-lldp-remote-global-statistics/>  
</rpc>
```

Description Show LLDP remote global statistics information

<get-lldp-statistics-information>

Usage

```
<rpc>  
<get-lldp-statistics-information>  
</get-lldp-statistics-information>  
</rpc>
```

Description Show LLDP statistics

Contents <interface>—Show LLDP statistics for this interface

CHAPTER 5

Operational Request Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are common to devices belonging to:

- EX Series
- M Series
- MX Series
- T Series
- QFX Series

<clear-helper-statistics-information>

Usage

```
<rpc>
  <clear-helper-statistics-information/>
</rpc>
```

Description Clear helper statistics

<clear-pki-ca-certificate>

Usage

```
<rpc>
  <clear-pki-ca-certificate>
    <ca-choice>ca-choice</ca-choice> <!-- mandatory -->
    <ca-profile>ca-profile</ca-profile>
  </all/>
</clear-pki-ca-certificate>
```

```
</rpc>
```

Description Clear CA/RA certificate

Contents <ca-profile>—Certificate authority profile
<all>—Clear all CA certificates

<clear-pki-certificate-request>

Usage

```
<rpc>  
  <clear-pki-certificate-request>  
    <certificate-request-choice>certificate-request-choice</certificate-request-choice>  
    <!-- mandatory -->  
    <certificate-id>certificate-id</certificate-id>  
    <all/>  
  </clear-pki-certificate-request>  
</rpc>
```

Description Clear router certificate request

Contents <certificate-id>—Certificate identifier
<all>—Clear all certificate requests

<clear-pki-crl>

Usage

```
<rpc>  
  <clear-pki-crl>  
    <ca-choice>ca-choice</ca-choice> <!-- mandatory -->  
    <ca-profile>ca-profile</ca-profile>  
    <all/>  
  </clear-pki-crl>  
</rpc>
```

Description Clear certificate revocation list

Contents <ca-profile>—Certificate authority profile
<all>—Clear all CRLs

<clear-pki-key-pair>

Usage

```
<rpc>
```

```

<clear-pki-key-pair>
  <certificate-choice>certificate-choice</certificate-choice> <!-- mandatory -->
  <certificate-id>certificate-id</certificate-id>
  <all/>
</clear-pki-key-pair>
</rpc>

```

Description Clear key pair

Contents <certificate-id>—Certificate identifier

<all>—Clear all local certificates

<clear-pki-local-certificate>

Usage

```

<rpc>
  <clear-pki-local-certificate>
    <certificate-choice>certificate-choice</certificate-choice> <!-- mandatory -->
    <certificate-id>certificate-id</certificate-id>
    <system-generated/>
    <all/>
  </clear-pki-local-certificate>
</rpc>

```

Description Clear local certificate

Contents <certificate-id>—Certificate identifier

<system-generated>—Clear autogenerated self-signed certificate

<all>—Clear all local certificates

<generate-pki-certificate-request>

Usage

```

<rpc>
  <generate-pki-certificate-request>
    <ip-address>ip-address</ip-address>
    <filename>filename</filename>
    <subject>subject</subject> <!-- mandatory -->
    <certificate-id>certificate-id</certificate-id> <!-- mandatory -->
    <domain-name>domain-name</domain-name>
    <email>email</email>
  </generate-pki-certificate-request>
</rpc>

```

Description Generate the certificate request in PKCS-10 format

| | |
|-----------------|---|
| Contents | <p><ip-address>—Static IP address of the device</p> <p><filename>—Local location for copy of certificate request</p> <p><subject>—DC=<Domain component>CN=<Common Name>OU=<Organizational Unit>O=<Organization>L=<Locality>ST=<State>C=<Country></p> <p><certificate-id>—Certificate identifier</p> <p><domain-name>—Fully qualified domain name</p> <p><email>—Email address</p> |
|-----------------|---|

<generate-pki-key-pair>

Usage

```
<rpc>
  <generate-pki-key-pair>
    <certificate-id>certificate-id</certificate-id> <!-- mandatory -->
    <size>size</size>
    <type>type</type>
  </generate-pki-key-pair>
</rpc>
```

Description Generate RSA private and public key pair

| | |
|-----------------|--|
| Contents | <p><certificate-id>—Certificate identifier</p> <ul style="list-style-type: none"> • 512 - 512 bits • 1024 - 1024 bits • 2048 - 2048 bits • rsa - RSA encryption • dsa - DSA encryption with SHA-1 hash <p><size>—Size of key</p> <ul style="list-style-type: none"> • 512 - 512 bits • 1024 - 1024 bits • 2048 - 2048 bits • rsa - RSA encryption • dsa - DSA encryption with SHA-1 hash <p><type>—Algorithm for encrypting public private keys</p> <ul style="list-style-type: none"> • rsa - RSA encryption • dsa - DSA encryption with SHA-1 hash |
|-----------------|--|

<generate-pki-self-signed-local-certificate>

Usage

```
<rpc>
<generate-pki-self-signed-local-certificate>
  <certificate-id>certificate-id</certificate-id> <!-- mandatory -->
  <domain-name>domain-name</domain-name> <!-- mandatory -->
  <ip-address>ip-address</ip-address>
  <email>email</email>
  <subject>subject</subject> <!-- mandatory -->
</generate-pki-self-signed-local-certificate>
</rpc>
```

| | |
|--------------------|------------------------------------|
| Description | Generate a self-signed certificate |
|--------------------|------------------------------------|

Contents <certificate-id>—Certificate identifier

<domain-name>—Fully qualified domain name

<ip-address>—Static IP address of the device

<email>—Email address of the entity owning the certificate

<subject>-DC=<Domain

component>CN=<CommonName>OU=<OrganizationalUnitName>O=<OrganizationName>L=<Locality>ST=<State>C=<Country>

<get-certificates-information>

Usage

```
<rpc>
  <get-certificates-information>
    <brief/>
    <detail/>
    <serial-number>serial-number</serial-number>
  </get-certificates-information>
</rpc>
```

| | |
|--------------------|--|
| Description | Show IPSec digital certificate information |
|--------------------|--|

Contents <brief>—Display brief output

<detail>—Display detailed output

<serial-number>—Serial number of certificate

<get-crl-information>—Show IPSec digital certificate revocation lists

<get-crl-information>

Usage

```
<rpc>
  <get-crl-information>
    <brief/>
    <detail/>
    <crl-name>crl-name</crl-name>
  </get-crl-information>
</rpc>
```

Description Show IPSec digital certificate revocation lists

Contents <brief>—Display brief output

<detail>—Display detailed output

<crl-name>—Name of CRL

<get-filter-version>

Usage

```
<rpc>
  <get-filter-version>
    <filtername>filtername</filtername>
  </get-filter-version>
</rpc>
```

Description Show filter version installed

Contents <filtername>—Filter name

<get-fips-pic-status-information>

Usage

```
<rpc>
  <get-fips-pic-status-information/>
</rpc>
```

Description Show FIPS PIC authorization status

<get-firewall-counter-information>

Usage

```
<rpc>
  <get-firewall-counter-information>
```

```

    <countername>countername</countername> <!-- mandatory -->
    <filter>filter</filter> <!-- mandatory -->
    <application>application</application>
    <logical-system>logical-system</logical-system>
  </get-firewall-counter-information>
</rpc>

```

Description Counter name

Contents <countername>—Counter name

- cfm - Statistics for implicit filters for CFM

<filter>—Filter name

- cfm - Statistics for implicit filters for CFM

<application>—Owner application

- cfm - Statistics for implicit filters for CFM

<logical-system>—Name of logical system, or 'all'

<get-firewall-filter-information>

Usage

```

<rpc>
  <get-firewall-filter-information>
    <filtername>filtername</filtername> <!-- mandatory -->
    <counter>counter</counter>
    <application>application</application>
    <logical-system>logical-system</logical-system>
  </get-firewall-filter-information>
</rpc>

```

Description Filter name

Contents <get-filter-version>—Show filter version installed

- cfm - Statistics for implicit filters for CFM

<filtername>—Filter name

- cfm - Statistics for implicit filters for CFM

<counter>—Counter name

- cfm - Statistics for implicit filters for CFM

<application>—Owner application

- cfm - Statistics for implicit filters for CFM

<logical-system>—Name of logical system, or 'all'

<get-firewall-information>

Usage

```
<rpc>
  <get-firewall-information>
    <application>application</application>
    <logical-system>logical-system</logical-system>
    <terse/>
  </get-firewall-information>
</rpc>
```

Description Show firewall information

Contents <application>—Owner application

- cfm - Statistics for implicit filters for CFM

<logical-system>—Name of logical system, or 'all'

<get-firewall-counter-information>—Counter name

<get-firewall-filter-information>—Filter name

<get-firewall-log-information>—Show log entries for firewall activity

<get-firewall-prefix-action-information>—Show prefix-action statistics for a filter

<terse>—Show filter names only

<get-firewall-log-information>

Usage

```
<rpc>
  <get-firewall-log-information>
    <get-firewall-log-detailed-information/>
    <interface>interface</interface>
    <logical-system>logical-system</logical-system>
  </get-firewall-log-information>
</rpc>
```

Description Show log entries for firewall activity

Contents <get-firewall-log-detailed-information>—Display detailed output

<interface>—Interface name

<logical-system>—Name of logical system, or 'all'

<get-firewall-prefix-action-information>

Usage

```
<rpc>
  <get-firewall-prefix-action-information>
    <filter>filter</filter> <!-- mandatory -->
    <prefix-action>prefix-action</prefix-action> <!-- mandatory -->
    <from>from</from>
    <to>to</to>
    <logical-system>logical-system</logical-system>
  </get-firewall-prefix-action-information>
</rpc>
```

Description Show prefix-action statistics for a filter

Contents

<filter>—Filter name

<prefix-action>—Prefix-action name

<from>—Starting counter or policer

<to>—Ending counter or policer

<logical-system>—Name of logical system, or 'all'

<get-helper-statistics-information>

Usage

```
<rpc>
  <get-helper-statistics-information/>
</rpc>
```

Description Show helper statistics

<get-ike-security-associations-information>

Usage

```
<rpc>
  <get-ike-security-associations-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
  </get-ike-security-associations-information>
</rpc>
```

Description Show IKE security association information

Contents <brief>—Show brief output (default)
 <detail>—Show detailed output
 <peer-address>—Name of security association

<get-ike-services-security-associations-information>

Usage

```
<rpc>
  <get-ike-services-security-associations-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
  </get-ike-services-security-associations-information>
</rpc>
```

Description Show services IKE security association information

Contents <brief>—Show brief output (default)
 <detail>—Show detailed output
 <peer-address>—Name of security association

<get-ipsec-pic-redundancy-information>

Usage

```
<rpc>
  <get-ipsec-pic-redundancy-information>
    <interface-name>interface-name</interface-name>
  </get-ipsec-pic-redundancy-information>
</rpc>
```

Description Show ES PIC redundancy information

Contents <interface-name>—Name of ES interface

<get-ipsec-tunnel-redundancy-information>

Usage

```
<rpc>
  <get-ipsec-tunnel-redundancy-information>

  <security-association-name>security-association-name</security-association-name>

  </get-ipsec-tunnel-redundancy-information>
</rpc>
```

Description Show remote tunnel redundancy information

Contents <security-association-name>—Name of security association

<get-pki-ca-certificate>

Usage

```
<rpc>
  <get-pki-ca-certificate>
    <ca-profile>ca-profile</ca-profile>
    <brief/>
    <detail/>
  </get-pki-ca-certificate>
</rpc>
```

Description Show certificate-authority certificate information

Contents <ca-profile>—Certificate authority profile

<brief>—Display brief output

<detail>—Display detailed output

<get-pki-certificate-request>

Usage

```
<rpc>
  <get-pki-certificate-request>
    <certificate-id>certificate-id</certificate-id>
    <brief/>
    <detail/>
  </get-pki-certificate-request>
</rpc>
```

Description Show PKCS-10 certificate request information

Contents <certificate-id>—Certificate identifier

<brief>—Display brief output

<detail>—Display detailed output

<get-pki-crl>

Usage

```
<rpc>
  <get-pki-crl>
    <ca-profile>ca-profile</ca-profile>
```

```
<brief/>
<detail/>
</get-pki-crl>
</rpc>
```

Description Show certificate revocation list information

Contents <ca-profile>—Certificate authority profile

<brief>—Display brief output

<detail>—Display detailed output

<get-pki-local-certificate>

Usage

```
<rpc>
<get-pki-local-certificate>
<certificate-choice>certificate-choice</certificate-choice>
<certificate-id>certificate-id</certificate-id>
<system-generated/>
<brief/>
<detail/>
</get-pki-local-certificate>
</rpc>
```

Description Show router certificate information

Contents <certificate-id>—Certificate identifier

<system-generated>—Autogenerated self-signed certificate

<brief>—Display brief output

<detail>—Display detailed output

<get-security-associations-information>

Usage

```
<rpc>
<get-security-associations-information>
<brief/>
<detail/>
<sa-name>sa-name</sa-name>
</get-security-associations-information>
</rpc>
```

Description Show IPSec security association information

Contents <brief>—Display brief output

 <detail>—Display detailed output

 <sa-name>—Name of security association

<get-services-ipsec-statistics-information>

Usage

```
<rpc>
  <get-services-ipsec-statistics-information>
    <remote-gw>remote-gw</remote-gw>
    <detail/>
    <brief/>
    <service-set>service-set</service-set>
  </get-services-ipsec-statistics-information>
</rpc>
```

Description Show IPSec statistics

Contents <remote-gw>—Peer address to use as filter

 <detail>—Display all tunnels

 <brief>—Display accumulated statistics (default)

 <service-set>—Name of service set

<get-services-security-associations-information>

Usage

```
<rpc>
  <get-services-security-associations-information>
    <brief/>
    <detail/>
    <extensive/>
    <service-set>service-set</service-set>
  </get-services-security-associations-information>
</rpc>
```

Description Show IPSec security association information

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <extensive>—Display extensive output

 <service-set>—Restrict output to one service set

<load-pki-ca-certificate>

Usage

```
<rpc>
  <load-pki-ca-certificate>
    <ca-profile>ca-profile</ca-profile> <!-- mandatory -->
    <filename>filename</filename> <!-- mandatory -->
  </load-pki-ca-certificate>
</rpc>
```

Description Load the certificate onto the routing platform

Contents <ca-profile>—Certificate authority profile

<filename>—File pathname containing certificate to load

<load-pki-crl>

Usage

```
<rpc>
  <load-pki-crl>
    <ca-profile>ca-profile</ca-profile> <!-- mandatory -->
    <filename>filename</filename> <!-- mandatory -->
  </load-pki-crl>
</rpc>
```

Description Load the CRL onto the routing platform

Contents <ca-profile>—Certificate authority profile

<filename>—Pathname of file containing CRL to load

<load-pki-local-certificate>

Usage

```
<rpc>
  <load-pki-local-certificate>
    <certificate-id>certificate-id</certificate-id> <!-- mandatory -->
    <filename>filename</filename> <!-- mandatory -->
    <key>key</key>
    <passphrase>passphrase</passphrase>
  </load-pki-local-certificate>
</rpc>
```

Description Load the certificate onto the routing platform

Contents <certificate-id>—Certificate identifier

<filename>—File pathname containing certificate to load

<key>—File pathname containing the private key/key-pair to load

<passphrase>—Passphrase of the private key/key-pair (PEM) file

<verify-pki-ca-certificate>

Usage

```
<rpc>
  <verify-pki-ca-certificate>
    <ca-profile>ca-profile</ca-profile> <!-- mandatory -->
  </verify-pki-ca-certificate>
</rpc>
```

Description Verify the certificate

Contents <ca-profile>—Certificate authority profile

<verify-pki-local-certificate>

Usage

```
<rpc>
  <verify-pki-local-certificate>
    <certificate-id>certificate-id</certificate-id> <!-- mandatory -->
  </verify-pki-local-certificate>
</rpc>
```

Description Verify the certificate

Contents <certificate-id>—Certificate identifier

CHAPTER 6

Operational Request Tag Elements Common to J Series, EX Series, QFX Series, and SRX Series

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are common to devices belonging to:

- J Series
- EX Series
- QFX Series
- SRX Series

<clear-arp-inspection-statistics>

Usage

```
<rpc>
  <clear-arp-inspection-statistics>
    <interface>interface</interface>
  </clear-arp-inspection-statistics>
</rpc>
```

Description Clear ARP inspection statistics

Contents <interface>—Interface for which statistics are to be cleared

<clear-dhcp-snooping>

Usage

```
<rpc>
  <clear-dhcp-snooping>
    <vlan>vlan</vlan>
  </clear-dhcp-snooping>
</rpc>
```

```
<mac>mac</mac>
</clear-dhcp-snooping>
</rpc>
```

Description Clear DHCP snooping database

Contents <vlan>—Name of VLAN
 <mac>—MAC address

<clear-dhcp-snooping-statistics>

Usage

```
<rpc>
<clear-dhcp-snooping-statistics/>
</rpc>
```

Description Clear DHCP snooping statistics

<clear-dot1x-firewall>

Usage

```
<rpc>
<clear-dot1x-firewall>
  <counter-name>counter-name</counter-name>
</clear-dot1x-firewall>
</rpc>
```

Description Clear dot1x firewall statistics for a counter

Contents <clear-dot1x-firewall-interface>—Clear firewall statistics on this interface
 <counter-name>—Clear firewall statistics for this counter

<clear-dot1x-firewall-interface>

Usage

```
<rpc>
<clear-dot1x-firewall-interface>
  <interface-name>interface-name</interface-name>
</clear-dot1x-firewall-interface>
</rpc>
```

Description Clear firewall statistics on this interface

Contents <interface-name>—Name of interface

<clear-dot1x-interface-session>

Usage

```
<rpc>
  <clear-dot1x-interface-session>
    <interface-name>interface-name</interface-name>
  </clear-dot1x-interface-session>
</rpc>
```

Description Clear 802.1X session on an interface

Contents <interface-name>—Name of interface

<clear-dot1x-statistics>

Usage

```
<rpc>
  <clear-dot1x-statistics>
</clear-dot1x-statistics>
</rpc>
```

Description Clear 802.1X statistics on an interface

Contents <clear-dot1x-statistics-interface>—Clear 802.1X statistics on this interface

<clear-dot1x-statistics-interface>

Usage

```
<rpc>
  <clear-dot1x-statistics-interface>
    <interface-name>interface-name</interface-name>
  </clear-dot1x-statistics-interface>
</rpc>
```

Description Clear 802.1X statistics on this interface

Contents <interface-name>—Name of interface

<clear-ethernet-switching-l2pt-statistics>

Usage

```
<rpc>
  <clear-ethernet-switching-l2pt-statistics>
</clear-ethernet-switching-l2pt-statistics>
</rpc>
```

Description Clear layer2 protocol tunneling statistics

Contents <interface>—Clear Layer2 protocol tunneling statistics for interface
<vlan>—Clear Layer2 protocol tunneling statistics for vlans

<clear-ethernet-switching-mac-learning-log>

Usage

```
<rpc>
  <clear-ethernet-switching-mac-learning-log/>
</rpc>
```

Description Clear all MAC address learning log

<clear-ethernet-switching-statistics-mac-learning>

Usage

```
<rpc>
  <clear-ethernet-switching-statistics-mac-learning>
    <interface>interface</interface>
  </clear-ethernet-switching-statistics-mac-learning>
</rpc>
```

Description Clear media access control learning statistics

Contents <interface>—Clear MAC learning statistics for a specified interface

<clear-ethernet-switching-table>

Usage

```
<rpc>
  <clear-ethernet-switching-table>
    <interface>interface</interface>
    <vlan>vlan</vlan>
    <mac>mac</mac>
  </clear-ethernet-switching-table>
</rpc>
```

Description Clear all learned MAC addresses

Contents <interface>—Name of interface

<vlan>—Name of VLAN

<mac>—MAC address

<clear-ethernet-switching-table-management-vlan>—Management VLAN

<clear-ethernet-switching-table-management-vlan>

Usage

```
<rpc>
  <clear-ethernet-switching-table-management-vlan/>
</rpc>
```

Description Management VLAN

<clear-fip-snooping-enode>

Usage

```
<rpc>
  <clear-fip-snooping-enode>
    <mac>mac</mac> <!-- mandatory -->
    <vlan>vlan</vlan>
  </clear-fip-snooping-enode>
</rpc>
```

Description Clear all FIP snooping session for this Enode

Contents <mac>—Enode MAC address

<vlan>—Name of VLAN

<clear-fip-snooping-statistics>

Usage

```
<rpc>
  <clear-fip-snooping-statistics>
    <vlan>vlan</vlan>
  </clear-fip-snooping-statistics>
</rpc>
```

Description Clear FIP snooping statistics

Contents <vlan>—Name of VLAN

<clear-fip-snooping-vlan>

Usage

```
<rpc>
  <clear-fip-snooping-vlan>
    <vlan>vlan</vlan> <!-- mandatory -->
```

```
</clear-fip-snooping-vlan>
</rpc>
```

Description Clear FIP snooping database for this VLAN

Contents <vlan>—Name of VLAN

<clear-igmp-snooping>

Usage

```
<rpc>
<clear-igmp-snooping>
</clear-igmp-snooping>
</rpc>
```

Description Clear IGMP snooping information

Contents <clear-igmp-snooping-membership>—Clear IGMP snooping database
<clear-igmp-snooping-statistics>—Clear IGMP snooping statistics

<clear-igmp-snooping-membership>

Usage

```
<rpc>
<clear-igmp-snooping-membership>
<vlan>vlan</vlan>
</clear-igmp-snooping-membership>
</rpc>
```

Description Clear IGMP snooping database

Contents <vlan>—Name of VLAN

<clear-igmp-snooping-statistics>

Usage

```
<rpc>
<clear-igmp-snooping-statistics/>
</rpc>
```

Description Clear IGMP snooping statistics

<clear-mvrp-statistics>

Usage

```
<rpc>  
  <clear-mvrp-statistics>  
  </clear-mvrp-statistics>  
</rpc>
```

Description Clear MVRP statistics on an interface

Contents <clear-mvrp-statistics-interface>—Clear MVRP statistics on this interface

<clear-mvrp-statistics-interface>

Usage

```
<rpc>  
  <clear-mvrp-statistics-interface>  
    <interface-name>interface-name</interface-name> <!-- mandatory -->  
  </clear-mvrp-statistics-interface>  
</rpc>
```

Description Clear MVRP statistics on this interface

Contents <interface-name>—Name of interface

<get-analyzer-information>

Usage

```
<rpc>  
  <get-analyzer-information>  
    <analyzer-name>analyzer-name</analyzer-name>  
  </get-analyzer-information>  
</rpc>
```

Description Show analyzer information

Contents <analyzer-name>—Name of analyzer

<get-arp-inspection-statistics>

Usage

```
<rpc>  
  <get-arp-inspection-statistics/>  
</rpc>
```

Description Show ARP inspection statistics

<get-authentication-whitelist-mac-bypassed-users>

Usage

```
<rpc>
  <get-authentication-whitelist-mac-bypassed-users/>
</rpc>
```

Description List users who have bypassed 802.1X authentication

<get-autoinstallation-status-information>

Usage

```
<rpc>
  <get-autoinstallation-status-information/>
</rpc>
```

Description Show autoinstallation status

<get-dcbx-neighbor-information>

Usage

```
<rpc>
  <get-dcbx-neighbor-information>
  </get-dcbx-neighbor-information>
</rpc>
```

Description Show DCBX neighbor information

Contents <get-dcbx-neighbor-interface-information>—Show DCBX information for this interface

<get-dcbx-neighbor-interface-information>

Usage

```
<rpc>
  <get-dcbx-neighbor-interface-information>
  <interface-name>interface-name</interface-name>
  </get-dcbx-neighbor-interface-information>
</rpc>
```

Description Show DCBX information for this interface

Contents <interface-name>—Show DCBX information for this interface

<get-dhcp-client-information>

Usage

```
<rpc>
  <get-dhcp-client-information>
    <statistics/>
    <interface-name>interface-name</interface-name>
  </get-dhcp-client-information>
</rpc>
```

Description Show DHCP client information

Contents <statistics>—Show DHCP client statistics

<interface-name>—Interface name of DHCP client

<get-dhcp-helper-statistics>

Usage

```
<rpc>
  <get-dhcp-helper-statistics/>
</rpc>
```

Description Show DHCP relay statistics information

<get-dhcp-snoop-binding>

Usage

```
<rpc>
  <get-dhcp-snoop-binding>
    <interface>interface</interface>
    <vlan>vlan</vlan>
  </get-dhcp-snoop-binding>
</rpc>
```

Description Show DHCP snooping database

Contents <interface>—Name of interface for which to display the entries

<vlan>—Name of VLAN for which to display the entries

<get-dhcp-snooping-statistics>

Usage

```
<rpc>
  <get-dhcp-snooping-statistics/>
```

```
</rpc>
```

Description Show DHCP snooping statistics

<get-dot1x-firewall-interface>

Usage

```
<rpc>  
  <get-dot1x-firewall-interface>  
    <interface-name>interface-name</interface-name>  
  </get-dot1x-firewall-interface>  
</rpc>
```

Description Show dot1x firewall statistics for an interface

Contents <interface-name>—Show firewall statistics for this interface

<get-dot1x-statistics>

Usage

```
<rpc>  
  <get-dot1x-statistics>  
  </get-dot1x-statistics>  
</rpc>
```

Description Show 802.1X statistics

Contents <get-dot1x-statistics-interface>—Show 802.1X statistics on this interface

<get-dot1x-statistics-interface>

Usage

```
<rpc>  
  <get-dot1x-statistics-interface>  
    <interface-name>interface-name</interface-name>  
  </get-dot1x-statistics-interface>  
</rpc>
```

Description Show 802.1X statistics on this interface

Contents <interface-name>—Show statistics for this interface

<get-ethernet-switching-aging-stats-information>

Usage

```
<rpc>
  <get-ethernet-switching-aging-stats-information>
  <brief/>
  <detail/>
</get-ethernet-switching-aging-stats-information>
</rpc>
```

Description Show media access control aging statistics

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<get-ethernet-switching-authentication-whitelist-mac>

Usage

```
<rpc>
  <get-ethernet-switching-authentication-whitelist-mac>
</get-ethernet-switching-authentication-whitelist-mac>
</rpc>
```

Description Show 802.1X White List MAC addresses

Contents <get-ethernet-switching-interface-mac-addresses>—Show 802.1X White List MAC addresses on this interface

<get-authentication-whitelist-mac-bypassed-users>—List users who have bypassed 802.1X authentication

<get-ethernet-switching-interface-information>

Usage

```
<rpc>
  <get-ethernet-switching-interface-information>
  <summary/>
  <brief/>
  <detail/>
  <interface-name>interface-name</interface-name>
</get-ethernet-switching-interface-information>
</rpc>
```

Description Display Ethernet-switching interface information

Contents <summary>—Display summary output

<brief>—Display brief output (default)

<detail>—Display detailed output

<interface-name>—Name of interface

<get-ethernet-switching-interface-mac-addresses>

Usage

```
<rpc>
  <get-ethernet-switching-interface-mac-addresses>
    <interface-name>interface-name</interface-name>
  </get-ethernet-switching-interface-mac-addresses>
</rpc>
```

Description Show 802.1X White List MAC addresses on this interface

Contents <interface-name>—Show White List MAC addresses of interface

<get-ethernet-switching-l2pt-information>

Usage

```
<rpc>
  <get-ethernet-switching-l2pt-information>
</get-ethernet-switching-l2pt-information>
</rpc>
```

Description Show Layer2 protocol tunneling information

Contents <interface>—Show Layer2 protocol tunneling state for interfaces

<vlan>—Show Layer2 protocol tunneling state for vlans

<statistics>—Show Layer2 protocol tunneling statistics

<get-ethernet-switching-log-information>

Usage

```
<rpc>
  <get-ethernet-switching-log-information/>
</rpc>
```

Description Show MAC address learning log

<get-ethernet-switching-mac-notification-information>

Usage

```
<rpc>
  <get-ethernet-switching-mac-notification-information/>
</rpc>
```

Description Display MAC notification information

<get-ethernet-switching-next-hop-information>

Usage

```
<rpc>
  <get-ethernet-switching-next-hop-information>
    <summary/>
    <brief/>
    <detail/>
    <interface-index>interface-index</interface-index>
  </get-ethernet-switching-next-hop-information>
</rpc>
```

Description Show next hop information

Contents <summary>—Display summary output
<brief>—Display brief output (default)
<detail>—Display detailed output
<interface-index>—Interface index

<get-ethernet-switching-stats-information>

Usage

```
<rpc>
  <get-ethernet-switching-stats-information>
    <brief/>
    <detail/>
    <interface>interface</interface>
  </get-ethernet-switching-stats-information>
</rpc>
```

Description Show media access control learning statistics

Contents <brief>—Display brief output (default)
<detail>—Display detailed output

<interface>—Display MAC learning statistics for a specified interface

<get-ethernet-switching-table-information>

Usage

```
<rpc>
  <get-ethernet-switching-table-information>
    <summary/>
    <brief/>
    <detail/>
    <extensive/>
    <sort-by>sort-by</sort-by>
  </get-ethernet-switching-table-information>
</rpc>
```

Description Show media access control table

Contents

<summary>—Display summary output

- name - Sort display by VLAN name
- tag - Sort display by VLAN id

<brief>—Display brief output (default)

- name - Sort display by VLAN name
- tag - Sort display by VLAN id

<detail>—Display detailed output

- name - Sort display by VLAN name
- tag - Sort display by VLAN id

<extensive>—Display extensive output

- name - Sort display by VLAN name
- tag - Sort display by VLAN id

<sort-by>—Specify display order

- name - Sort display by VLAN name
- tag - Sort display by VLAN id

<interface>—Display MAC table for a specified interface

<vlan>—Display MAC table for a specified VLAN

<management-vlan>—Display MAC table for a Management VLAN

<get-fip-snooping>

Usage

```
<rpc>
  <get-fip-snooping>
    <brief/>
    <detail/>
  </get-fip-snooping>
</rpc>
```

Description Show FIP snooping information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<get-fip-snooping-vlan>—Show per VLAN information

<get-fip-snooping-fcf>—Show fibre-channel forwarder information

<get-fip-snooping-enode>—Show per enode information

<get-fip-snooping-statistics>—Show FIP snooping statistics

<get-fip-snooping-enode>

Usage

```
<rpc>
  <get-fip-snooping-enode>
    <brief/>
    <detail/>
    <mac>mac</mac> <!-- mandatory -->
    <vlan>vlan</vlan>
  </get-fip-snooping-enode>
</rpc>
```

Description Show per enode information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<mac>—MAC address of Enode

<vlan>—Name of VLAN

<get-fip-snooping-fcf>

Usage

```
<rpc>
  <get-fip-snooping-fcf>
    <brief/>
    <detail/>
    <mac>mac</mac> <!-- mandatory -->
    <vlan>vlan</vlan>
  </get-fip-snooping-fcf>
</rpc>
```

Description Show fibre-channel forwarder information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<mac>—MAC address of FCF

<vlan>—Name of VLAN

<get-fip-snooping-statistics>

Usage

```
<rpc>
  <get-fip-snooping-statistics>
    <vlan>vlan</vlan>
  </get-fip-snooping-statistics>
</rpc>
```

Description Show FIP snooping statistics

Contents <vlan>—Name of VLAN

<get-fip-snooping-vlan>

Usage

```
<rpc>
  <get-fip-snooping-vlan>
    <brief/>
    <detail/>
    <vlan-name>vlan-name</vlan-name> <!-- mandatory -->
  </get-fip-snooping-vlan>
</rpc>
```

Description Show per VLAN information

Contents <brief>—Display brief output (default)
<detail>—Display detailed output
<vlan-name>—Name of VLAN

<get-igmp-snooping-flow-information>

Usage

```
<rpc>  
<get-igmp-snooping-flow-information>  
  <brief/>  
  <detail/>  
</get-igmp-snooping-flow-information>  
</rpc>
```

Description Show igmp-snooping flows

Contents <brief>—Display brief output (default)
<detail>—Display detailed output

<get-igmp-snooping-membership-information>

Usage

```
<rpc>  
<get-igmp-snooping-membership-information>  
  <brief/>  
  <detail/>  
  <vlan>vlan</vlan>  
  <interface>interface</interface>  
</get-igmp-snooping-membership-information>  
</rpc>
```

Description Show igmp-snooping membership

Contents <brief>—Display brief output (default)
<detail>—Display detailed output
<vlan>—Groups on specified VLAN
<interface>—Groups with membership on interface

<get-igmp-snooping-routing-information>

Usage

```
<rpc>  
<get-igmp-snooping-routing-information>
```

```
<ethernet-switching/>
<inet/>
<brief/>
<detail/>
<vlan>vlan</vlan>
</get-igmp-snooping-routing-information>
</rpc>
```

Description Show routing information

Contents <ethernet-switching>—Ethernet-switching multicast routes

<inet>—Family inet multicast routes

<brief>—Display brief output (default)

<detail>—Display detailed output

<vlan>—Show entries for a specific VLAN

<get-igmp-snooping-statistics-information>

Usage

```
<rpc>
<get-igmp-snooping-statistics-information/>
</rpc>
```

Description Show igmp-snooping statistics

<get-igmp-snooping-task-information>

Usage

```
<rpc>
<get-igmp-snooping-task-information>
<summary/>
</get-igmp-snooping-task-information>
</rpc>
```

Description Show IGMP snooping task information

Contents <accounting>—Per-task CPU accounting

<io>—Show task I/O statistics

<jobs>—Show scheduled jobs

<timers>—Task timers

<statistics>—Task statistics

<memory>—Show memory utilization of IGMP snooping tasks

<summary>—Display summary output (default)

<get-igmp-snooping-vlan-information>

Usage

```
<rpc>
  <get-igmp-snooping-vlan-information>
  <brief/>
  <detail/>
  <vlan>vlan</vlan>
</get-igmp-snooping-vlan-information>
</rpc>
```

Description VLAN information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<vlan>—VLAN name

<get-ip-source-guard-information>

Usage

```
<rpc>
  <get-ip-source-guard-information/>
</rpc>
```

Description Show IP source guard information

<get-lldp-neighbors-information>

Usage

```
<rpc>
  <get-lldp-neighbors-information>
  </get-lldp-neighbors-information>
</rpc>
```

Description Show LLDP neighbor information

Contents <interface>—Show LLDP neighbors on this interface

<get-mstp-bridge-configuration-information>

Usage

```
<rpc>
  <get-mstp-bridge-configuration-information>
  <brief/>
  <detail/>
</get-mstp-bridge-configuration-information>
</rpc>
```

Description Show MSTP configuration

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<get-mvrp-dynamic-vlan-memberships>

Usage

```
<rpc>
  <get-mvrp-dynamic-vlan-memberships/>
</rpc>
```

Description Show MVRP dynamic VLAN memberships

<get-mvrp-information>

Usage

```
<rpc>
  <get-mvrp-information>
  </get-mvrp-information>
</rpc>
```

Description Show Multiple VLAN Registration Protocol information

Contents <get-mvrp-stats>—Show MVRP statistics

<get-mvrp-dynamic-vlan-memberships>—Show MVRP dynamic VLAN memberships

<get-mvrp-stats>

Usage

```
<rpc>
  <get-mvrp-stats>
  </get-mvrp-stats>
```



```
</rpc>
```

Description Show MVRP statistics

Contents <get-mvrp-stats-intf>—Show MVRP statistics on this interface

<get-mvrp-stats-intf>

Usage

```
<rpc>
  <get-mvrp-stats-intf>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </get-mvrp-stats-intf>
</rpc>
```

Description Show MVRP statistics on this interface

Contents <interface-name>—Show statistics for this interface

<get-rtg-information>

Usage

```
<rpc>
  <get-rtg-information>
  </get-rtg-information>
</rpc>
```

Description Show redundant trunk group information

Contents <get-rtg-information-pergrp>—Show information for a particular redundant trunk group

<get-rtg-information-pergrp>

Usage

```
<rpc>
  <get-rtg-information-pergrp>
    <rtg-name>rtg-name</rtg-name> <!-- mandatory -->
  </get-rtg-information-pergrp>
</rpc>
```

Description Show information for a particular redundant trunk group

Contents <rtg-name>—Name of group

<get-static-mac-bypassed-users>

Usage

```
<rpc>
  <get-static-mac-bypassed-users/>
</rpc>
```

Description List users who have bypassed 802.1X authentication

<get-stp-bridge-information>

Usage

```
<rpc>
  <get-stp-bridge-information>
    <brief/>
    <detail/>
    <msti-vlan>msti-vlan</msti-vlan>
    <msti>msti</msti>
    <vlan-id>vlan-id</vlan-id>
  </get-stp-bridge-information>
</rpc>
```

Description Show STP bridge parameters

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<msti>—MSTP instance ID (0 for CIST; 1..4094 for MSTIs)

<vlan-id>—VLAN ID

<get-stp-bridge-interface-information>

Usage

```
<rpc>
  <get-stp-bridge-interface-information>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
    <msti-vlan>msti-vlan</msti-vlan>
    <msti>msti</msti>
    <vlan-id>vlan-id</vlan-id>
  </get-stp-bridge-interface-information>
</rpc>
```

Description Show STP interface parameters

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <interface-name>—Name of interface

 <msti>—MSTP instance ID (0 for CIST; 1..4094 for MSTIs)

 <vlan-id>—VLAN ID

<get-stp-statistics-interface-information>

Usage

```
<rpc>
  <get-stp-statistics-interface-information>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
  </get-stp-statistics-interface-information>
</rpc>
```

Description Show STP interface statistics

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <interface-name>—Name of interface

<get-stp-vlan-interface-statistics>

Usage

```
<rpc>
  <get-stp-vlan-interface-statistics>
    <brief/>
    <detail/>
    <vlan-id>vlan-id</vlan-id> <!-- mandatory -->
  </get-stp-vlan-interface-statistics>
</rpc>
```

Description Show STP VLAN interface statistics

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <vlan-id>—VLAN ID

<get-vlan-information>

Usage

```
<rpc>
  <get-vlan-information>
    <brief/>
    <detail/>
    <extensive/>
    <summary/>
    <sort-by>sort-by</sort-by>
    <vlan-name>vlan-name</vlan-name>
  </get-vlan-information>
</rpc>
```

Description Show VLAN information

Contents

<brief>—Display brief output

- name - Sort display by name
- tag - Sort display by tag

<detail>—Display detailed output

- name - Sort display by name
- tag - Sort display by tag

<extensive>—Display extensive output

- name - Sort display by name
- tag - Sort display by tag

<summary>—Display summary output

- name - Sort display by name
- tag - Sort display by tag

<management-vlan>—Show management vlan information

- name - Sort display by name
- tag - Sort display by tag

<dot1q-tunneling>—Show dot1q-tunneling vlan information

- name - Sort display by name
- tag - Sort display by tag

<sort-by>—Specify display order

- name - Sort display by name

- tag - Sort display by tag

<vlan-name>—Show information for a particular VLAN

<load-dhcp-snooping>

Usage

```
<rpc>
  <load-dhcp-snooping>
    <filename>filename</filename> <!-- mandatory -->
  </load-dhcp-snooping>
</rpc>
```

Description Load DHCP snooping entries

Contents <filename>—Filename (URL, local, remote)

<release-dhcp-client>

Usage

```
<rpc>
  <release-dhcp-client>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </release-dhcp-client>
</rpc>
```

Description Request DHCP client release

Contents <interface-name>—Interface name of DHCP client

<renew-dhcp-client>

Usage

```
<rpc>
  <renew-dhcp-client>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </renew-dhcp-client>
</rpc>
```

Description Request DHCP client renew

Contents <interface-name>—Interface name of DHCP client

<save-dhcp-snooping>

Usage

```
<rpc>  
  <save-dhcp-snooping>  
    <filename>filename</filename> <!-- mandatory -->  
  </save-dhcp-snooping>  
</rpc>
```

Description Save DHCP snooping entries

Contents <filename>—Filename (URL, local, remote)

CHAPTER 7

Operational Request Tag Elements Specific to M, MX, and T Series

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are specific to devices belonging to:

- M Series
- MX Series
- T Series

<abort-in-service-upgrade>

Usage

```
<rpc>  
  <abort-in-service-upgrade/>  
</rpc>
```

Description Abort in-service software upgrade

<all-routing-engines>

Usage

```
<rpc>  
  <all-routing-engines/>  
</rpc>
```

Description Execute command on all routing-engines

<check-in-service-upgrade>

Usage

```
<rpc>
  <check-in-service-upgrade>
    <package-name>package-name</package-name> <!-- mandatory -->
  </check-in-service-upgrade>
</rpc>
```

Description Check in-service software upgrade

Contents <package-name>—URL or path of package

<clear-aaa-statistics-table>

Usage

```
<rpc>
  <clear-aaa-statistics-table>
    <authentication/>
    <accounting/>
    <dynamic-requests/>
    <re-authentication/>
  </clear-aaa-statistics-table>
</rpc>
```

Description Statistics on subscriber events

Contents <authentication>—Authentication statistics

<accounting>—Accounting statistics

<dynamic-requests>—Dynamic requests statistics

<re-authentication>—Re-authentication statistics

<address-assignment>—Statistics for address assignments

<clear-aaa-subscriber-table>

Usage

```
<rpc>
  <clear-aaa-subscriber-table>
    <username>username</username> <!-- mandatory -->
  </clear-aaa-subscriber-table>
</rpc>
```

Description Logout the subscriber and clear the session entry

Contents <username>—Subscriber session identifier
 <clear-aaa-subscriber-table-specific-statistics>—Clear subscriber statistics

<clear-aaa-subscriber-table-specific-statistics>

Usage

```
<rpc>  
  <clear-aaa-subscriber-table-specific-statistics>  
    <username>username</username> <!-- mandatory -->  
  </clear-aaa-subscriber-table-specific-statistics>  
</rpc>
```

Description Clear subscriber statistics

Contents <username>—Subscriber session identifier

<clear-ancp-neighbor-connection>

Usage

```
<rpc>  
  <clear-ancp-neighbor-connection>  
    <ip-address>ip-address</ip-address>  
    <system-name>system-name</system-name>  
  </clear-ancp-neighbor-connection>  
</rpc>
```

Description Clear neighbor connection

Contents <ip-address>—IP address of the neighbor
 <system-name>—MAC address of the neighbor

<clear-ancp-subscriber-identifier-information>

Usage

```
<rpc>  
  <clear-ancp-subscriber-identifier-information>  
    <identifier-name>identifier-name</identifier-name> <!-- mandatory -->  
    <neighbor>neighbor</neighbor>  
  </clear-ancp-subscriber-identifier-information>  
</rpc>
```

Description Access loop identifier

Contents <identifier-name>—Identifier

<neighbor>—Subscriber information from a neighbor

<clear-appid-application-system-cache>

Usage

```
<rpc>
  <clear-appid-application-system-cache/>
</rpc>
```

Description Clear application system cache

<clear-appid-counter>

Usage

```
<rpc>
  <clear-appid-counter/>
</rpc>
```

Description Clear the application identification counters

<clear-arp-table>

Usage

```
<rpc>
  <clear-arp-table>
    <hostname>hostname</hostname>
    <interface>interface</interface>
    <vpn>vpn</vpn>
    <logical-system>logical-system</logical-system>
  </clear-arp-table>
</rpc>
```

Description Clear address resolution information

Contents <hostname>—Name of host

<interface>—Name of the interface

<vpn>—Name of VPN routing table

<logical-system>—Name of logical system

<clear-authentication-pending-table>

Usage

```
<rpc>
  <clear-authentication-pending-table>
```

```

<clear-authentication-pending-table-specific>clear-authentication-pending-table-specific</clear-authentication-pending-table-specific>
</clear-authentication-pending-table>
</rpc>

```

Description Clear pending authentication requests

Contents <clear-authentication-pending-table-specific>—Clear information for a specific request

<clear-authentication-statistics>

Usage

```

<rpc>
<clear-authentication-statistics/>
</rpc>

```

Description Clear general authentication statistics

<clear-bgp-damping>

Usage

```

<rpc>
<clear-bgp-damping>
<daemon-select>daemon-select</daemon-select>
<logical-system>logical-system</logical-system>
<fabric/>
<prefix>prefix</prefix>
</clear-bgp-damping>
</rpc>

```

Description Clear damping information

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<prefix>—Destination prefix and prefix length

<clear-bgp-neighbor>

Usage

```

<rpc>
<clear-bgp-neighbor>
<daemon-select>daemon-select</daemon-select>
<logical-system>logical-system</logical-system>
<fabric/>
<soft/>

```

```
<soft-minimum-igp/>
<soft-inbound/>
<instance>instance</instance>
<as>as</as>
<neighbor>neighbor</neighbor>
</clear-bgp-neighbor>
</rpc>
```

Description Clear BGP neighbors

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<soft>—Soft reset outbound state

<soft-minimum-igp>—Soft reset outbound state with refresh of minimum igp MED

<soft-inbound>—Soft reset inbound state by issuing Refresh

<instance>—Name of BGP instance

<as>— Autonomous system number in plain number or 'higher 16bits'. 'Lower 16 bits' (asdot notation) format

<neighbor>—Particular BGP neighbor to clear

<clear-bgp-table>

Usage

```
<rpc>
  <clear-bgp-table>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <table>table</table> <!-- mandatory -->
  </clear-bgp-table>
</rpc>
```

Description Refresh routes in a routing table

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<table>—Name of table to clear

<clear-binding-all>

Usage

```

<rpc>
  <clear-binding-all>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-binding-all>
</rpc>

```

Description Clear all bindings

Contents <routing-instance>—Name of routing instance
 <logical-system>—Name of logical system

<clear-binding-ip>

Usage

```

<rpc>
  <clear-binding-ip>
    <ip-address>ip-address</ip-address> <!-- mandatory -->
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-binding-ip>
</rpc>

```

Description Clear binding entry based on IP address

Contents <ip-address>—Enter IP Address
 <routing-instance>—Name of routing instance
 <logical-system>—Name of logical system

<clear-binding-nai>

Usage

```

<rpc>
  <clear-binding-nai>
    <nai>nai</nai> <!-- mandatory -->
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-binding-nai>
</rpc>

```

Description Clear binding entry based on nai

Contents <nai>—Enter nai

 <routing-instance>—Name of routing instance

 <logical-system>—Name of logical system

<clear-bridge-interface-mac-table>

Usage

```
<rpc>
  <clear-bridge-interface-mac-table>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <remote-beb-mac-address>remote-beb-mac-address</remote-beb-mac-address>

    <vlan-id>vlan-id</vlan-id>
    <isid>isid</isid>
  </clear-bridge-interface-mac-table>
</rpc>
```

Description Clear media access control table for specified interface

Contents <interface-name>—Name of interface for which to clear table

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<remote-beb-mac-address>—Remote backbone edge bridge MAC address

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<vlan-id>—Clear MAC address learned on a specified VLAN

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<isid>—Clear MAC address learned on a specified ISID

- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<clear-bridge-mac-table>

Usage

```

<rpc>
  <clear-bridge-mac-table>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
    <vlan-id>vlan-id</vlan-id>
    <isid>isid</isid>
    <address>address</address>
  </clear-bridge-mac-table>
</rpc>

```

Description Clear all learned media access control addresses

Contents <clear-bridge-interface-mac-table>—Clear media access control table for specified interface

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<instance>—Display information for a specified instance

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<bridge-domain>—Name of bridging domain, or 'all'

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<logical-system>—Name of logical system, or 'all'

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<vlan-id>—Clear MAC address learned on a specified VLAN

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<isid>—Clear MAC address learned on a specified ISID

- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<address>—MAC address

<clear-cfm-continuity-measurement>

Usage

```
<rpc>
  <clear-cfm-continuity-measurement>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep>
    <remote-mep>remote-mep</remote-mep>
  </clear-cfm-continuity-measurement>
</rpc>
```

Description Clear continuity-measurement information

Contents <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<local-mep>—Identifier for local maintenance endpoint

<remote-mep>—Identifier for remote maintenance endpoint

<clear-cfm-delay-statistics>

Usage

```
<rpc>
  <clear-cfm-delay-statistics>
    <one-way/>
    <two-way/>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
</rpc>
```



```

    <logical-system>logical-system</logical-system>
  </clear-cfm-delay-statistics>
</rpc>

```

Description Clear Ethernet OAM delay statistics

Contents

- <one-way>—One-way delay measurement
- <two-way>—Two-way delay measurement
- <maintenance-domain>—Name of maintenance domain
- <maintenance-association>—Name of maintenance association
- <logical-system>—Name of logical system

<clear-cfm-iterator-statistics>

Usage

```

<rpc>
  <clear-cfm-iterator-statistics>
    <sla-iterator>sla-iterator</sla-iterator> <!-- mandatory -->
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep> <!-- mandatory -->
    <remote-mep>remote-mep</remote-mep> <!-- mandatory -->
    <logical-system>logical-system</logical-system>
  </clear-cfm-iterator-statistics>
</rpc>

```

Description Clear Ethernet OAM SLA iterator statistics information

Contents

- <sla-iterator>—Name of the iterator profile
- <maintenance-domain>—Name of maintenance domain
- <maintenance-association>—Name of maintenance association
- <local-mep>—Identifier for local maintenance endpoint
- <remote-mep>—MEP identifier of remote host
- <logical-system>—Name of logical system

<clear-cfm-linktrace-path-database>

Usage

```

<rpc>

```

```
<clear-cfm-linktrace-path-database>
  <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
  <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
  <host>host</host> <!-- mandatory -->
  <logical-system>logical-system</logical-system>
</clear-cfm-linktrace-path-database>
</rpc>
```

Description Clear linktrace path-database entries of a remote host

Contents <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<host>—MAC address of remote host in xx:xx:xx:xx:xx:xx format

<logical-system>—Name of logical system

<clear-cfm-loss-statistics>

Usage

```
<rpc>
  <clear-cfm-loss-statistics>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
  </clear-cfm-loss-statistics>
</rpc>
```

Description Clear Ethernet OAM loss statistics

Contents <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<clear-cfm-statistics>

Usage

```
<rpc>
  <clear-cfm-statistics>
    <interface>interface</interface>
    <level>level</level>
    <logical-system>logical-system</logical-system>
  </clear-cfm-statistics>
</rpc>
```

Description Clear connectivity-fault-management statistics

Contents <interface>—Clear the statistics on an interface
<level>—The maintenance-domain level
<logical-system>—Name of logical system

<clear-database-replication-statistics-information>

Usage

```
<rpc>  
  <clear-database-replication-statistics-information/>  
</rpc>
```

Description Clear database replication statistics

<clear-dhcp-binding-information>

Usage

```
<rpc>  
  <clear-dhcp-binding-information>  
    <address>address</address>  
  </clear-dhcp-binding-information>  
</rpc>
```

Description Clear DHCP client binding information

Contents <address>—Address of DHCP client binding

<clear-dhcp-conflict-information>

Usage

```
<rpc>  
  <clear-dhcp-conflict-information>  
    <address>address</address>  
  </clear-dhcp-conflict-information>  
</rpc>
```

Description Clear DHCP address conflict

Contents <address>—DHCP conflict address

<clear-dhcp-relay-binding-information>

Usage

```
<rpc>
  <clear-dhcp-relay-binding-information>
    <binding-clear-choice>binding-clear-choice</binding-clear-choice> <!-- mandatory
-->
    <address>address</address>
    <all/>
    <routing-instance>routing-instance</routing-instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
  </clear-dhcp-relay-binding-information>
</rpc>
```

Description Clear DHCP client binding information

Contents

- <address>—IP address or MAC address or Session Id of DHCP client binding
- <all>—Clear all bindings
- <interface>—Name of interface on which to clear bindings
- <routing-instance>—Name of routing instance
- <bridge-domain>—Name of bridge domain
- <logical-system>—Name of logical system

<clear-dhcp-relay-statistics-information>

Usage

```
<rpc>
  <clear-dhcp-relay-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
  </clear-dhcp-relay-statistics-information>
</rpc>
```

Description Clear DHCP statistics

Contents

- <routing-instance>—Name of routing instance
- <bridge-domain>—Name of bridge domain
- <logical-system>—Name of logical system

<clear-dhcp-server-binding-information>

Usage

```

<rpc>
  <clear-dhcp-server-binding-information>
    <binding-clear-choice>binding-clear-choice</binding-clear-choice> <!-- mandatory
-->
    <address>address</address>
    <all/>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-dhcp-server-binding-information>
</rpc>

```

Description Clear DHCP client binding information

Contents

- <address>—IP address or MAC address or Session Id of DHCP client binding
- <all>—Clear all bindings
- <interface>—Name of interface on which to clear bindings
- <routing-instance>—Name of routing instance
- <logical-system>—Name of logical system

<clear-dhcp-statistics-information>

Usage

```

<rpc>
  <clear-dhcp-statistics-information/>
</rpc>

```

Description Clear DHCP statistics

<clear-dhcpv6-server-binding-information>

Usage

```

<rpc>
  <clear-dhcpv6-server-binding-information>
    <binding-clear-choice>binding-clear-choice</binding-clear-choice> <!-- mandatory
-->
    <address>address</address>
    <all/>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-dhcpv6-server-binding-information>
</rpc>

```

Description Clear DHCPv6 client binding information

Contents <address>—IPv6 Prefix or session-id or CID <cid-len/0x.../0x...> of DHCPv6 client binding
<all>—Clear all bindings
<interface>—Name of interface on which to clear bindings
<routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<clear-dhcpv6-server-statistics-information>

Usage

```
<rpc>
  <clear-dhcpv6-server-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-dhcpv6-server-statistics-information>
</rpc>
```

Description Clear DHCPv6 server statistics

Contents <routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<clear-diameter-function>

Usage

```
<rpc>
  <clear-diameter-function>
    <statistics/>
    <jsrc/>
    <charging-gw/>
    <packet-triggered-subscribers/>
    <gx-plus/>
  </clear-diameter-function>
</rpc>
```

Description Clear diameter function information

Contents <statistics>—Clear diameter function statistics
<jsrc>—Function to use SRC application
<charging-gw>—Function to use CHARGING application

<packet-triggered-subscribers>—Function to use PACKET-TRIGGERED-SUBSCRIBERS application

<gx-plus>—Function to use GX-PLUS application

<clear-diameter-peer>

Usage

```
<rpc>
  <clear-diameter-peer>
    <connection/>
    <statistics/>

    <clear-diameter-peer-name>clear-diameter-peer-name</clear-diameter-peer-name>
    <!-- mandatory -->
    </clear-diameter-peer>
  </rpc>
```

Description Clear diameter peer information

Contents <connection>—Clear diameter peer connection(default)

<statistics>—Clear diameter peer statistics

<clear-diameter-peer-name>—Peer name

<clear-dot1x-interface-session>

Usage

```
<rpc>
  <clear-dot1x-interface-session>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </clear-dot1x-interface-session>
</rpc>
```

Description Clear 802.1X session on an interface

Contents <interface-name>—Name of interface

<clear-dot1x-mac-session>

Usage

```
<rpc>
  <clear-dot1x-mac-session>
    <static-mac-addr>static-mac-addr</static-mac-addr>
  </clear-dot1x-mac-session>
</rpc>
```

Description Clear 802.1X session on a MAC address

Contents <static-mac-addr>—MAC address to clear

<clear-elmi-statistics>

Usage

```
<rpc>
  <clear-elmi-statistics>
    <interface>interface</interface>
  </clear-elmi-statistics>
</rpc>
```

Description Clear ethernet local management statistics

Contents <interface>—Name of interface

<clear-gx-plus-replay-information>

Usage

```
<rpc>
  <clear-gx-plus-replay-information/>
</rpc>
```

Description Clear gx-plus replay data: request discovery from remote

<clear-gx-plus-statistics-information>

Usage

```
<rpc>
  <clear-gx-plus-statistics-information/>
</rpc>
```

Description Clear gx-plus statistics

<clear-idp-appddos-cache>

Usage

```
<rpc>
  <clear-idp-appddos-cache/>
</rpc>
```

Description Clear IDP Application DDoS cache

<clear-idp-application-system-cache>

Usage

```
<rpc>
  <clear-idp-application-system-cache/>
</rpc>
```

Description Clear IDP application system cache

<clear-idp-applications-information>

Usage

```
<rpc>
  <clear-idp-applications-information/>
</rpc>
```

Description Clear IDP application statistics

<clear-idp-attack-table>

Usage

```
<rpc>
  <clear-idp-attack-table/>
</rpc>
```

Description Clear IDP attack table

<clear-idp-counters-by-counter-class>

Usage

```
<rpc>
  <clear-idp-counters-by-counter-class>
    <counter-class>counter-class</counter-class> <!-- mandatory -->
  </clear-idp-counters-by-counter-class>
</rpc>
```

Description Clear IDP counters

Contents <counter-class>—

<clear-idp-ssl-session-cache-information>

Usage

```
<rpc>
```

```
<clear-idp-ssl-session-cache-information/>
</rpc>
```

Description Session ID cache

<clear-idp-status-information>

Usage

```
<rpc>
<clear-idp-status-information/>
</rpc>
```

Description Clear IDP status

<clear-interfaces-statistics>

Usage

```
<rpc>
<clear-interfaces-statistics>
  <switch-port>switch-port</switch-port>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
</clear-interfaces-statistics>
</rpc>
```

Description Clear interface statistics

Contents <clear-interfaces-statistics-all>—Clear statistics for all interfaces

<switch-port>—Front end port number

<interface-name>—Name of physical or logical interface

<clear-interfaces-statistics-all>

Usage

```
<rpc>
<clear-interfaces-statistics-all/>
</rpc>
```

Description Clear statistics for all interfaces

<clear-ipv6-nd-information>

Usage

```
<rpc>
<clear-ipv6-nd-information>
```

```

    <host>host</host>
  </clear-ipv6-nd-information>
</rpc>

```

Description Clear IPv6 neighbor cache information

Contents <host>—Name of neighbor
 <all>—Clear all neighbors

<clear-isis-adjacency-information>

Usage

```

<rpc>
  <clear-isis-adjacency-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <interface>interface</interface>
    <neighbor>neighbor</neighbor>
  </clear-isis-adjacency-information>
</rpc>

```

Description Clear IS-IS adjacencies

Contents <logical-system>—Name of logical system, or 'all'
 <instance>—Name of IS-IS instance
 <interface>—Name of interface
 <neighbor>—Name of neighbor

<clear-isis-database-information>

Usage

```

<rpc>
  <clear-isis-database-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <purge/>
    <entries>entries</entries>
  </clear-isis-database-information>
</rpc>

```

Description Clear IS-IS database entries

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of IS-IS instance

<purge>—Purge database entries instead of deleting them

<entries>—Name of database entry

<clear-isis-overload-information>

Usage

```
<rpc>
  <clear-isis-overload-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </clear-isis-overload-information>
</rpc>
```

Description Clear overload bit and regenerate LSPs

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of IS-IS instance

<clear-isis-statistics-information>

Usage

```
<rpc>
  <clear-isis-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </clear-isis-statistics-information>
</rpc>
```

Description Clear IS-IS statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of IS-IS instance

<clear-lacp-interface-statistics>

Usage

```
<rpc>
  <clear-lacp-interface-statistics>
    <interface-name>interface-name</interface-name>
  </clear-lacp-interface-statistics>
</rpc>
```

Description Clear LACP interface statistics

Contents <interface-name>—Name of interface

<clear-mpls-lsp-information>

Usage

```
<rpc>
  <clear-mpls-lsp-information>
    <logical-system>logical-system</logical-system>
    <optimize/>
    <optimize-aggressive/>
    <statistics/>
    <autobandwidth/>
    <regex>regex</regex>
    <path>path</path>
  </clear-mpls-lsp-information>
</rpc>
```

Description Reset nontransit or egress LSPs originating on this router

Contents <logical-system>—Name of logical system, or 'all'

<optimize>—Perform nonpreemptive optimization computation now

<optimize-aggressive>—Perform aggressive optimization computation now

<statistics>—Clear LSP statistics

<autobandwidth>—Clear LSP autobandwidth counters

<regex>—Regular expression for LSP names to match

<path>—Regular expression for LSP path to match

<clear-mpls-static-lsp-information>

Usage

```
<rpc>
  <clear-mpls-static-lsp-information>
    <logical-system>logical-system</logical-system>
    <statistics/>
    <regex>regex</regex>
  </clear-mpls-static-lsp-information>
</rpc>
```

Description Reset static LSP statistics

Contents <logical-system>—Name of logical system, or 'all'

<statistics>—Clear LSP statistics

<regex>—Regular expression for LSP names to match

<clear-mvrp-interface-statistics>

Usage

```
<rpc>
  <clear-mvrp-interface-statistics>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <interface>interface</interface>
  </clear-mvrp-interface-statistics>
</rpc>
```

Description Clear MVRP interface statistics

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<interface>—Name of interface

<clear-node-secret-file>

Usage

```
<rpc>
  <clear-node-secret-file/>
</rpc>
```

Description Delete SecurID authentication node secret file

<clear-ospf-database-information>

Usage

```
<rpc>
  <clear-ospf-database-information>
    <logical-system>logical-system</logical-system>
    <purge/>
    <router/>
    <network/>
    <netsummary/>
    <asbrsummary/>
    <external/>
    <nssa/>
    <link-local/>
    <opaque-area/>
    <area>area</area>
    <lsa-id>lsa-id</lsa-id>
```

```
<advertising-router>advertising-router</advertising-router>  
<instance>instance</instance>  
</clear-ospf-database-information>  
</rpc>
```

Description Clear OSPF database entries

Contents <logical-system>—Name of logical system, or 'all'

- self - Router ID of this router
- router-id - Router ID of advertising router

<purge>—Purge database entries instead of deleting them

- self - Router ID of this router
- router-id - Router ID of advertising router

<router>—Router link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<network>—Network link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<netsummary>—Summary network link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<asbrsummary>—Summary AS boundary router link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<external>—External link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<nssa>—Not-so-stubby area link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<link-local>—Link local link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<opaque-area>—Opaque area-scope link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<area>—OSPF area ID

- self - Router ID of this router
- router-id - Router ID of advertising router

<lsa-id>—Link-state advertisement ID

- self - Router ID of this router
- router-id - Router ID of advertising router

<advertising-router>—Router ID of advertising router

- self - Router ID of this router
- router-id - Router ID of advertising router

<instance>—Name of OSPF instance

<clear-ospf-io-statistics-information>

Usage

```
<rpc>
  <clear-ospf-io-statistics-information>
    <logical-system>logical-system</logical-system>
  </clear-ospf-io-statistics-information>
</rpc>
```

Description Clear OSPF I/O statistics

Contents <logical-system>—Name of logical system, or 'all'

<clear-ospf-neighbor-information>

Usage

```
<rpc>
  <clear-ospf-neighbor-information>
    <logical-system>logical-system</logical-system>
    <interface>interface</interface>
    <neighbor>neighbor</neighbor>
    <area>area</area>
    <instance>instance</instance>
```



```

    </clear-ospf-neighbor-information>
  </rpc>

```

Description Clear OSPF neighbors

Contents <logical-system>—Name of logical system, or 'all'

<interface>—Name of logical interface

<neighbor>—Name of neighbor

<area>—OSPF area ID

<instance>—Name of OSPF instance

<clear-ospf-overload-information>

Usage

```

<rpc>
  <clear-ospf-overload-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </clear-ospf-overload-information>
</rpc>

```

Description Clear overload bit and rebuild LSAs

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of OSPF instance

<clear-ospf-statistics-information>

Usage

```

<rpc>
  <clear-ospf-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </clear-ospf-statistics-information>
</rpc>

```

Description Clear OSPF statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of OSPF instance

<clear-ospf3-database-information>

Usage

```
<rpc>
  <clear-ospf3-database-information>
    <logical-system>logical-system</logical-system>
    <purge/>
    <router/>
    <network/>
    <inter-area-prefix/>
    <inter-area-router/>
    <external/>
    <nssa/>
    <link/>
    <link-local/>
    <intra-area-prefix/>
    <area>area</area>
    <lsa-id>lsa-id</lsa-id>
    <advertising-router>advertising-router</advertising-router>
    <instance>instance</instance>
    <realm>realm</realm>
  </clear-ospf3-database-information>
</rpc>
```

Description Clear OSPFv3 database entries

Contents <logical-system>—Name of logical system, or 'all'

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<purge>—Purge database entries instead of deleting them

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<router>—Router LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<network>—Network LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<inter-area-prefix>—Inter-area-prefix LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<inter-area-router>—Inter-area-router LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<external>—External LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<nssa>—NSSA LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm

- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<link>—Link LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<link-local>—Link-local LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<intra-area-prefix>—Intra-area-prefix LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—Area ID of OSPFv3 area

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<lsa-id>—ID of link-state advertisement

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm

- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<advertising-router>—Router ID of advertising router

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<clear-ospf3-io-statistics-information>

Usage

```
<rpc>
<clear-ospf3-io-statistics-information>
<logical-system>logical-system</logical-system>
</clear-ospf3-io-statistics-information>
</rpc>
```

Description Clear OSPFv3 I/O statistics

Contents <logical-system>—Name of logical system, or 'all'

<clear-ospf3-neighbor-information>

Usage

```
<rpc>
<clear-ospf3-neighbor-information>
<logical-system>logical-system</logical-system>
<interface>interface</interface>
<neighbor>neighbor</neighbor>
<area>area</area>
```

```
<instance>instance</instance>
<realm>realm</realm>
</clear-ospf3-neighbor-information>
</rpc>
```

Description Clear OSPFv3 neighbors

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<interface>—Name of logical interface

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<neighbor>—Name of OSPFv3 neighbor

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—OSPF area ID

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<clear-ospf3-overload-information>

Usage

```

<rpc>
  <clear-ospf3-overload-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
  </clear-ospf3-overload-information>
</rpc>

```

Description Clear overload bit and rebuild LSAs

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<clear-ospf3-statistics-information>

Usage

```

<rpc>
  <clear-ospf3-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
  </clear-ospf3-statistics-information>
</rpc>

```

Description Clear OSPFv3 statistics

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<clear-passive-monitoring>

Usage

```
<rpc>
  <clear-passive-monitoring>
</clear-passive-monitoring>
</rpc>
```

Description Clear passive monitoring statistics

Contents <clear-passive-monitoring-statistics>—Clear statistics

<clear-passive-monitoring-statistics>

Usage

```
<rpc>
  <clear-passive-monitoring-statistics>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </clear-passive-monitoring-statistics>
</rpc>
```

Description Clear statistics

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<clear-ppp-statistics-information>

Usage

```
<rpc>
  <clear-ppp-statistics-information>
    <memory/>
  </clear-ppp-statistics-information>
</rpc>
```

Description Clear PPP statistics

Contents <memory>—Clear PPP process memory statistics

<clear-reboot>

Usage

```
<rpc>
  <clear-reboot>
    <device>device</device> <!-- mandatory -->
    <both-routing-engines/>
  </clear-reboot>
</rpc>
```

Description Clear all pending halt or reboot requests

Contents <device>—Device alias name or serial number

<both-routing-engines>—Clear halt or reboot on both Routing Engines

<clear-rsvp-counters-information>

Usage

```
<rpc>
  <clear-rsvp-counters-information>
    <logical-system>logical-system</logical-system>
  </clear-rsvp-counters-information>
</rpc>
```

Description Clear RSVP counters

Contents <logical-system>—Name of logical system, or 'all'

<clear-rsvp-session-information>

Usage

```
<rpc>
```

```
<clear-rsvp-session-information>
  <logical-system>logical-system</logical-system>
  <session-name>session-name</session-name>
  <lsp-id>lsp-id</lsp-id>
  <tunnel-id>tunnel-id</tunnel-id>
  <gracefully/>
  <connection-source>connection-source</connection-source>
  <connection-destination>connection-destination</connection-destination>
  <optimize-fast-reroute/>
</clear-rsvp-session-information>
</rpc>
```

Description Preempt RSVP session

Contents

- <logical-system>—Name of logical system, or 'all'
- <session-name>—Name of session
- <lsp-id>—LSP ID of the RSVP sender
- <tunnel-id>—Tunnel ID of the RSVP session
- <gracefully>—Gracefully tear down RSVP sessions
- <connection-source>—Source of the label-switched path
- <connection-destination>—Destination of the label-switched path
- <optimize-fast-reroute>—Perform fast-reroute optimization computation now

<clear-server-statistics-information>

Usage

```
<rpc>
  <clear-server-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </clear-server-statistics-information>
</rpc>
```

Description Clear DHCP server statistics

Contents

- <routing-instance>—Name of routing instance
- <logical-system>—Name of logical system

<clear-service-border-signaling-gateway-name-resolution-cache>

Usage

```
<rpc>
```

```

<clear-service-border-signaling-gateway-name-resolution-cache>
  <gateway>gateway</gateway> <!-- mandatory -->
  <master/>
  <backup/>
</clear-service-border-signaling-gateway-name-resolution-cache>
</rpc>

```

Description Clear border signaling gateway name resolution cache content

Contents <by-fqdn>—Clear cash records of the Fully Qualified Domain Name

<clear-service-border-signaling-gateway-name-resolution-cache-all>—Clear contents of the cache

<gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<clear-service-border-signaling-gateway-name-resolution-cache-all>

Usage

```

<rpc>
  <clear-service-border-signaling-gateway-name-resolution-cache-all>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </clear-service-border-signaling-gateway-name-resolution-cache-all>
</rpc>

```

Description Clear contents of the cache

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<clear-service-border-signaling-gateway-statistics>

Usage

```

<rpc>
  <clear-service-border-signaling-gateway-statistics>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </clear-service-border-signaling-gateway-statistics>
</rpc>

```

Description Clear BSG statistics counters

Contents <gateway>—Name of border signaling gateway
<master>—Query the master border signaling gateway (default)
<backup>—Query the backup border signaling gateway

<clear-service-bsg-denied-messages>

Usage

```
<rpc>
  <clear-service-bsg-denied-messages>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </clear-service-bsg-denied-messages>
</rpc>
```

Description Clear BSG denied messages information

Contents <gateway>—Name of border signaling gateway
<master>—Query the master border signaling gateway (default)
<backup>—Query the backup border signaling gateway

<clear-service-bsg-registrations>

Usage

```
<rpc>
  <clear-service-bsg-registrations>
</clear-service-bsg-registrations>
</rpc>
```

Description Clear border signaling gateway registrations

Contents <clear-service-bsg-registrations-statistics>—Clear border signaling gateway registrations statistics

<clear-services-bsg-registrations-subscription>—Clear border signaling gateway registrations subscription

<clear-service-bsg-registrations-statistics>

Usage

```
<rpc>
  <clear-service-bsg-registrations-statistics>
```

```

    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </clear-service-bsg-registrations-statistics>
</rpc>

```

Description Clear border signaling gateway registrations statistics

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<clear-service-flow-analysis>

Usage

```

<rpc>
  <clear-service-flow-analysis>
    <interface>interface</interface>
  </clear-service-flow-analysis>
</rpc>

```

Description Clear flow analysis statistics

Contents <interface>—Name of adaptive services interface

<clear-service-msp-flow-ipaction-table>

Usage

```

<rpc>
  <clear-service-msp-flow-ipaction-table>
    <filter>filter</filter> <!-- mandatory -->
  </clear-service-msp-flow-ipaction-table>
</rpc>

```

Description Clear ip-action table

Contents

<clear-service-msp-flow-table-information>

Usage

```

<rpc>
  <clear-service-msp-flow-table-information>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
  </clear-service-msp-flow-table-information>
</rpc>

```

```
<destination-port>destination-port</destination-port>
<protocol>protocol</protocol>
<service-set>service-set</service-set>
<interface>interface</interface>
<application-protocol>application-protocol</application-protocol>
</clear-service-msp-flow-table-information>
</rpc>
```

Description Remove established flows from flow table

Contents <source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol

- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
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- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
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- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP

- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<interface>—Name of extension provider interface

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<clear-service-msp-flow-ipaction-table>—Clear ip-action table

<clear-service-nat-statistics-information>

Usage

```
<rpc>
  <clear-service-nat-statistics-information>
    <service-set>service-set</service-set>
    <interface>interface</interface>
  </clear-service-nat-statistics-information>
</rpc>
```

Description Clear NAT statistics

Contents <service-set>—Name of service set
 <interface>—Name of adaptive services interface

<clear-service-pgcp-gates>

Usage

```
<rpc>
  <clear-service-pgcp-gates>
</clear-service-pgcp-gates>
</rpc>
```

Description Clear gates table

Contents <clear-service-pgcp-gates-gateway>—Clear gate table for gateway

<clear-service-pgcp-gates-gateway>

Usage

```
<rpc>
  <clear-service-pgcp-gates-gateway>
  <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
</clear-service-pgcp-gates-gateway>
</rpc>
```

Description Clear gate table for gateway

Contents <gateway-name>—Gateway name

<clear-service-pgcp-statistics>

Usage

```
<rpc>
  <clear-service-pgcp-statistics>
</clear-service-pgcp-statistics>
</rpc>
```

Description Clear statistics information

Contents <clear-service-pgcp-statistics-gateway>—Clear gate table for gateway

<clear-service-pgcp-statistics-gateway>

Usage

```
<rpc>
  <clear-service-pgcp-statistics-gateway>
```

```
<gateway-name>gateway-name</gateway-name> <!-- mandatory -->
</clear-service-pgcp-statistics-gateway>
</rpc>
```

Description Clear gate table for gateway

Contents <gateway-name>—Gateway name

<clear-service-set-packet-drop-statistics>

Usage

```
<rpc>
<clear-service-set-packet-drop-statistics>
<interface>interface</interface>
</clear-service-set-packet-drop-statistics>
</rpc>
```

Description Clear service set packet drop statistics

Contents <interface>—Name of adaptive services interface

<clear-service-set-syslog-statistics>

Usage

```
<rpc>
<clear-service-set-syslog-statistics>
<service-set>service-set</service-set>
<interface>interface</interface>
</clear-service-set-syslog-statistics>
</rpc>
```

Description Clear service set syslog statistics

Contents <service-set>—Name of service set

<interface>—Name of adaptive services interface

<clear-service-sfw-flow-table-information>

Usage

```
<rpc>
<clear-service-sfw-flow-table-information>
<source-prefix>source-prefix</source-prefix>
<destination-prefix>destination-prefix</destination-prefix>
<source-port>source-port</source-port>
<destination-port>destination-port</destination-port>
<protocol>protocol</protocol>
```

```
<application-protocol>application-protocol</application-protocol>
<service-set>service-set</service-set>
<interface>interface</interface>
</clear-service-sfw-flow-table-information>
</rpc>
```

Description Remove established flows from flow table

Contents <source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP

- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
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- gprs-gtp-c - GPRS Tunneling Control Plane
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- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
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- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First

- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
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- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
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- iiop - Internet Inter-ORB Protocol
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- mgcp-ua - MGCP-UA
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- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol

- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
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- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol

- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol

- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
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<service-set>—Name of service set

<interface>—Name of adaptive services interface

<clear-service-sfw-sip-call-information>

Usage

```
<rpc>
<clear-service-sfw-sip-call-information>
<source-prefix>source-prefix</source-prefix>
<destination-prefix>destination-prefix</destination-prefix>
<source-port>source-port</source-port>
<destination-port>destination-port</destination-port>
<protocol>protocol</protocol>
<application-protocol>application-protocol</application-protocol>
<service-set>service-set</service-set>
<interface>interface</interface>
</clear-service-sfw-sip-call-information>
</rpc>
```

Description Remove established SIP calls from flow table

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- igmp - Internet Group Management Protocol
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- gprs-gtp-v0 - GPRS Tunneling Version 0
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- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
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- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
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- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
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- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
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<service-set>—Name of service set

<interface>—Name of adaptive services interface

<clear-service-sfw-sip-register-information>

Usage

```
<rpc>
<clear-service-sfw-sip-register-information>
  <source-prefix>source-prefix</source-prefix>
  <destination-prefix>destination-prefix</destination-prefix>
  <source-port>source-port</source-port>
  <destination-port>destination-port</destination-port>
  <protocol>protocol</protocol>
  <application-protocol>application-protocol</application-protocol>
  <service-set>service-set</service-set>
  <interface>interface</interface>
</clear-service-sfw-sip-register-information>
</rpc>
```

Description Remove established SIP register from flow table

Contents <source-prefix>—Source prefix to use as filter

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- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol

- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931

- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT

- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

<interface>—Name of adaptive services interface

<clear-services-bsg-registrations-subscription>

Usage

```
<rpc>
<clear-services-bsg-registrations-subscription>
  <gateway>gateway</gateway> <!-- mandatory -->
```

```
<master/>
<backup/>
<address-of-record>address-of-record</address-of-record>
<forceful/>
<graceful/>
</clear-services-bsg-registrations-subscription>
</rpc>
```

Description Clear border signaling gateway registrations subscription

Contents

- <gateway>—Name of border signaling gateway
- <master>—Query the master border signaling gateway (default)
- <backup>—Query the backup border signaling gateway
- <address-of-record>—Address of record
- <forceful>—Remove address-of-record
- <graceful>—Remove address-of-record gracefully

<clear-services-dynamic-flow-capture-criteria>

Usage

```
<rpc>
<clear-services-dynamic-flow-capture-criteria>
  <capture-group>capture-group</capture-group> <!-- mandatory -->
  <destination-identifier>destination-identifier</destination-identifier>
  <criteria-identifier>criteria-identifier</criteria-identifier>
  <static/>
</clear-services-dynamic-flow-capture-criteria>
</rpc>
```

Description Clear dynamic flow capture criteria

Contents

- <capture-group>—Capture group name
- <destination-identifier>—Content destination identifier
- <criteria-identifier>—Criteria identifier
- <static>—Clear static criteria also

<clear-services-dynamic-flow-capture-sequence-number>

Usage

```
<rpc>
<clear-services-dynamic-flow-capture-sequence-number>
  <capture-group>capture-group</capture-group> <!-- mandatory -->
```

```

    <source-identifier>source-identifier</source-identifier> <!-- mandatory -->
  </clear-services-dynamic-flow-capture-sequence-number>
</rpc>

```

Description Clear dynamic flow capture sequence-number

Contents <capture-group>—Capture group name
 <source-identifier>—Control source identifier

<clear-services-flow-collector-information>

Usage

```

<rpc>
  <clear-services-flow-collector-information>
</clear-services-flow-collector-information>
</rpc>

```

Description Clear services flow collector information

Contents <clear-services-flow-collector-statistics>—Clear statistics

<clear-services-flow-collector-statistics>

Usage

```

<rpc>
  <clear-services-flow-collector-statistics>
    <interface>interface</interface> <!-- mandatory -->
  </clear-services-flow-collector-statistics>
</rpc>

```

Description Clear statistics

Contents <interface>—Interface name

- all - All configured Collector PICs
- interface - Physical interface

<clear-synchronous-ethernet-esmc-statistics>

Usage

```

<rpc>
  <clear-synchronous-ethernet-esmc-statistics>
    <interface-name>interface-name</interface-name>
  </clear-synchronous-ethernet-esmc-statistics>

```

```
</rpc>
```

Description Clear ESMC statistics

Contents <interface-name>—Name of interface

<clear-system-commit>

Usage

```
<rpc>  
  <clear-system-commit/>  
</rpc>
```

Description Clear all pending commit requests

<clear-system-services-reverse-information>

Usage

```
<rpc>  
  <clear-system-services-reverse-information/>  
</rpc>
```

Description Clear reverse telnet/SSH connection

<clear-visitor-all>

Usage

```
<rpc>  
  <clear-visitor-all/>  
</rpc>
```

Description Clear all visitors

<clear-visitor-ip>

Usage

```
<rpc>  
  <clear-visitor-ip>  
    <ip-address>ip-address</ip-address> <!-- mandatory -->  
  </clear-visitor-ip>  
</rpc>
```

Description Clear visitor entry based on IP address

Contents <ip-address>—Enter IP Address

<clear-visitor-nai>

Usage

```
<rpc>
<clear-visitor-nai>
  <nai>nai</nai> <!-- mandatory -->
</clear-visitor-nai>
</rpc>
```

Description Clear visitor entry based on nai

Contents <nai>—Enter nai

<clear-vpls-interface-mac-table>

Usage

```
<rpc>
<clear-vpls-interface-mac-table>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
  <vlan-id>vlan-id</vlan-id>
</clear-vpls-interface-mac-table>
</rpc>
```

Description Clear media access control table for specified interface

Contents <interface-name>—Name of interface for which to clear table

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN

<vlan-id>—Clear MAC address learned on a specified VLAN

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN

<clear-vpls-mac-table>

Usage

```
<rpc>
<clear-vpls-mac-table>
  <instance>instance</instance>
  <logical-system>logical-system</logical-system>
  <vlan-id>vlan-id</vlan-id>
  <isid>isid</isid>
  <address>address</address>
```

```
</clear-vpls-mac-table>
</rpc>
```

Description Clear all learned media access control addresses

Contents <clear-vpls-interface-mac-table>—Clear media access control table for specified interface

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<instance>—Display information for a specified instance

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<logical-system>—Name of logical system, or 'all'

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<vlan-id>—Clear MAC address learned on a specified VLAN

- all-vlan - Clear MAC addresses on all VLAN(s)
- vlan-id - Clear MAC address learned on a specified VLAN
- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<isid>—Clear MAC address learned on a specified ISID

- all-isid - Clear MAC addresses on all ISID(s)
- isid - Clear MAC address learned on a specified ISID

<address>—MAC address

<clear-vrrp-information>

Usage

```
<rpc>
```



```

    <clear-vrrp-information>
    <all/>
  </clear-vrrp-information>
</rpc>

```

Description Clear Virtual Router Redundancy Protocol statistics

Contents <all>—Clear all statistics

<clear-vrrp-interface-statistics>—Name of interface on which to clear statistics

<clear-vrrp-interface-statistics>

Usage

```

<rpc>
  <clear-vrrp-interface-statistics>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </clear-vrrp-interface-statistics>
</rpc>

```

Description Name of interface on which to clear statistics

Contents <interface-name>—Name of interface

<file-compare>

Usage

```

<rpc>
  <file-compare>
    <context/>
    <unified/>
    <ignore-white-space/>
    <files>files</files>
    <from-file>from-file</from-file>
    <to-file>to-file</to-file>
  </file-compare>
</rpc>

```

Description Compare files

Contents <context>—Context style output format

<unified>—Unified style output format

<ignore-white-space>—Ignore changes in amount of white space

<files>—Files to compare

<from-file>—File to compare

<to-file>—File to compare against

<file-copy>

Usage

```
<rpc>
  <file-copy>
    <source>source</source> <!-- mandatory -->
    <destination>destination</destination> <!-- mandatory -->
    <source-address>source-address</source-address>
  </file-copy>
</rpc>
```

Description Copy files (local or remote)

Contents <source>—URL of source file

<destination>—URL of destination file

<source-address>—Local address to use in originating the connection

<file-delete>

Usage

```
<rpc>
  <file-delete>
    <purge/>
    <path>path</path> <!-- mandatory -->
  </file-delete>
</rpc>
```

Description Delete files from the system

Contents <purge>—Overwrite regular files before deleting them

<path>—Path to delete

<file-get>

Usage

```
<rpc>
  <file-get>
    <filename>filename</filename> <!-- mandatory -->
    <encoding>encoding</encoding> <!-- mandatory -->
  </file-get>
</rpc>
```

- Description** Get file from device with contents inlined
- Contents** <filename>—Name of source file on device
- <encoding>—Encoding type: ascii, base64, or raw

<file-list>

Usage

```
<rpc>
  <file-list>
    <detail/>
    <recursive/>
    <path>path</path>
  </file-list>
</rpc>
```

- Description** List file information
- Contents** <detail>—Display detailed output (like 'ls -l')
- <recursive>—Descend recursively through directory hierarchy
- <path>—Path to list

<file-put>

Usage

```
<rpc>
  <file-put>
    <filename>filename</filename> <!-- mandatory -->
    <permission>permission</permission>
    <encoding>encoding</encoding> <!-- mandatory -->
    <delete-if-exist/>
    <file-contents>file-contents</file-contents> <!-- mandatory -->
  </file-put>
</rpc>
```

- Description** Put file onto device with contents inlined
- Contents** <filename>—Name of destination file on device
- <permission>—Name of destination file on device
- <encoding>—Encoding type: ascii or base64
- <delete-if-exist>—Delete the destination file on device if it already exists
- <file-contents>—File content

<file-rename>

Usage

```
<rpc>
  <file-rename>
    <source>source</source> <!-- mandatory -->
    <destination>destination</destination> <!-- mandatory -->
  </file-rename>
</rpc>
```

Description Rename files

Contents <source>—Source URL

<destination>—Destination URL

<file-show>

Usage

```
<rpc>
  <file-show>
    <filename>filename</filename> <!-- mandatory -->
    <encoding>encoding</encoding>
  </file-show>
</rpc>
```

Description Show file contents

Contents <filename>—Filename to show

- base64 - Encode file with base64 encoding
- raw - Show raw text from file

<encoding>—Encode file contents

- base64 - Encode file with base64 encoding
- raw - Show raw text from file

<fips-selftest>

Usage

```
<rpc>
  <fips-selftest/>
</rpc>
```

Description Execute FIPS known answer tests (KATs)

<get-aaa-module-statistics>

Usage

```

<rpc>
  <get-aaa-module-statistics>
    <authentication/>
    <accounting/>
    <dynamic-requests/>
    <re-authentication/>
    <subscribers/>
  </get-aaa-module-statistics>
</rpc>

```

Description (Re)authentication, authorization and accounting (AAA) module statistics

Contents <authentication>—Authentication statistics

<accounting>—Accounting statistics

<dynamic-requests>—Dynamic requests statistics

<re-authentication>—Re-authentication statistics

<subscribers>—Subscriber statistics

<address-assignment>—Statistics for address assignments

<get-aaa-subscriber-statistics>

Usage

```

<rpc>
  <get-aaa-subscriber-statistics>
    <username>username</username> <!-- mandatory -->
  </get-aaa-subscriber-statistics>
</rpc>

```

Description Statistics on subscriber events

Contents <username>—Show statistics for this subscriber's session entry

<get-aaa-subscriber-table>

Usage

```

<rpc>
  <get-aaa-subscriber-table>
    <username>username</username>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-aaa-subscriber-table>

```

</rpc>

Description List subscriber specific command options

Contents <username>—Show details for this subscriber's session entry

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<session-id>—Session id

<get-aaa-subscriber-statistics>—Statistics on subscriber events

<get-accounting-profile-information>

Usage

```
<rpc>
  <get-accounting-profile-information>
    <profile>profile</profile>
  </get-accounting-profile-information>
</rpc>
```

Description Show accounting profile information

Contents <profile>—Profile name

<get-accounting-record-information>

Usage

```
<rpc>
  <get-accounting-record-information>
    <profile>profile</profile> <!-- mandatory -->
    <since>since</since>
    <utc-timestamp/>
  </get-accounting-record-information>
</rpc>
```

Description Show accounting records

Contents <profile>—Name of profile

<since>—Timestamp on earliest records to show (YYYY-MM-DD.HH:MM:SS)

<utc-timestamp>—Display timestamp in UTC format

<get-active-servers>

Usage

```
<rpc>
  <get-active-servers/>
</rpc>
```

Description Show configured servers

<get-address-assignment-pool-table>

Usage

```
<rpc>
  <get-address-assignment-pool-table>

  <get-address-assignment-pool-table-specific> <get-address-assignment-pool-table-specific> <get-address-assignment-pool-table-specific>
  <!-- mandatory -->
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-address-assignment-pool-table>
</rpc>
```

Description Show pool information

Contents <get-address-assignment-pool-table-specific>—Show information for a specific pool

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-alarm-information>

Usage

```
<rpc>
  <get-alarm-information>
    <device>device</device> <!-- mandatory -->
  </get-alarm-information>
</rpc>
```

Description Show alarm status

Contents <device>—Device alias name or serial number

<get-amt-statistics>

Usage

```
<rpc>
  <get-amt-statistics>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-amt-statistics>
</rpc>
```

Description Show AMT statistics summary

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<get-amt-summary>

Usage

```
<rpc>
  <get-amt-summary>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-amt-summary>
</rpc>
```

Description Show AMT configuration summary

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<get-amt-tunnel-information>

Usage

```
<rpc>
  <get-amt-tunnel-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <brief/>
    <detail/>
  </get-amt-tunnel-information>
</rpc>
```

Description Show AMT tunnel parameters

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<brief>—Display brief output (default)

<detail>—Display detailed output

<tunnel-interface>—AMT tunnel interface

<gateway-address>—AMT tunnel gateway address

<get-ancp-cos-information>

Usage

```
<rpc>
  <get-ancp-cos-information>
    <identifier>identifier</identifier>
  </get-ancp-cos-information>
</rpc>
```

Description Show ANCP Cos information

Contents <get-ancp-cos-pending-information>—Show ANCP Pending Update Cos information

<get-ancp-cos-last-update-information>—Show ANCP Last Update Cos information

<identifier>—Access loop identifier

<get-ancp-cos-last-update-information>

Usage

```
<rpc>
  <get-ancp-cos-last-update-information/>
</rpc>
```

Description Show ANCP Last Update Cos information

<get-ancp-cos-pending-information>

Usage

```
<rpc>
  <get-ancp-cos-pending-information/>
</rpc>
```

Description Show ANCP Pending Update Cos information

<get-ancp-neighbor-information>

Usage

```
<rpc>
  <get-ancp-neighbor-information>
    <brief/>
    <detail/>
    <ip-address>ip-address</ip-address>
    <system-name>system-name</system-name>
  </get-ancp-neighbor-information>
</rpc>
```

Description Neighbor information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<ip-address>—IP address of the neighbor

<system-name>—MAC address of the neighbor

<get-ancp-subscriber-information>

Usage

```
<rpc>
  <get-ancp-subscriber-information>
    <brief/>
    <detail/>
  </get-ancp-subscriber-information>
</rpc>
```

Description Subscriber information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<identifier>—Access loop identifier

<neighbor>—Subscriber information from a neighbor

<get-appid-application-system-cache>

Usage

```
<rpc>
  <get-appid-application-system-cache>
    <interface>interface</interface>
  </get-appid-application-system-cache>
```

```
</rpc>
```

Description Show application system cache

Contents <interface>—Services interface to query

<get-appid-counter>

Usage

```
<rpc>
  <get-appid-counter>
    <interface>interface</interface>
  </get-appid-counter>
</rpc>
```

Description Show the application identification counters

Contents <interface>—Services interface to query

<get-appid-package-version>

Usage

```
<rpc>
  <get-appid-package-version/>
</rpc>
```

Description Show the current application package version

<get-arp-table-information>

Usage

```
<rpc>
  <get-arp-table-information>
    <hostname>hostname</hostname>
    <interface>interface</interface>
    <no-resolve/>
    <expiration-time/>
    <vpn>vpn</vpn>
    <logical-system>logical-system</logical-system>
  </get-arp-table-information>
</rpc>
```

Description Show system Address Resolution Protocol table entries

Contents <hostname>—Name of host

<interface>—Name of the interface

<no-resolve>—Don't attempt to print addresses symbolically

<expiration-time>—Show seconds remaining before expiration

<vpn>—Name of VPN routing table

<logical-system>—Name of logical system

<get-authentication-pending-table>

Usage

```
<rpc>
  <get-authentication-pending-table>
    <filter>filter</filter>
    <get-authentication-pending-table-detailed/>
    <get-authentication-pending-table-specific>get-authentication-pending-table-specific</get-authentication-pending-table-specific>
  </get-authentication-pending-table>
</rpc>
```

Description Show pending authentication requests

Contents <get-authentication-pending-table-detailed>—Show the detailed information

<get-authentication-pending-table-specific>—Show detail information for a specific request

<get-authentication-statistics>

Usage

```
<rpc>
  <get-authentication-statistics/>
</rpc>
```

Description Show authentication statistics

<get-authorization-information>

Usage

```
<rpc>
  <get-authorization-information/>
</rpc>
```

Description Show authorization and authentication information

<get-bfd-session-information>

Usage

```

<rpc>
  <get-bfd-session-information>
    <summary/>
    <brief/>
    <detail/>
    <extensive/>
    <logical-system>logical-system</logical-system>
  </get-bfd-session-information>
</rpc>

```

Description Show all BFD sessions

Contents

- <summary>—Display summary output
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <extensive>—Display extensive output
- <address>—Show BFD session with specific neighbor address
- <discriminator>—Show BFD session with specific local discriminator
- <logical-system>—Name of logical system, or 'all'
- <prefix>—Show all BFD sessions for this LDP FEC

<get-bgp-group-information>

Usage

```

<rpc>
  <get-bgp-group-information>
    <logical-system>logical-system</logical-system>
    <summary/>
    <brief/>
    <detail/>
    <instance>instance</instance>
    <group-name>group-name</group-name>
  </get-bgp-group-information>
</rpc>

```

Description Show the BGP group database

Contents

- <logical-system>—Name of logical system, or 'all'
- <get-bgp-rtf-information>—Show route target filtering information

<get-bgp-traffic-statistics-information>—Show packet statistics for labeled BGP routes

<summary>—Display summary output

<brief>—Display brief output (default)

<detail>—Display detailed output

<instance>—Show peer information for a particular instance

<group-name>—Show group information for a particular group

<get-bgp-neighbor-information>

Usage

```
<rpc>
  <get-bgp-neighbor-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <instance>instance</instance>
    <neighbor-address>neighbor-address</neighbor-address>
  </get-bgp-neighbor-information>
</rpc>
```

Description Show the BGP neighbor database

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<get-bgp-orf-information>—Show outbound route filtering information

<instance>—Show peer information for a particular instance

<neighbor-address>—Show the neighbor database for a particular neighbor

<get-bgp-orf-information>

Usage

```
<rpc>
  <get-bgp-orf-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <brief/>
    <detail/>
    <instance>instance</instance>
    <neighbor-address>neighbor-address</neighbor-address>
  </get-bgp-orf-information>
</rpc>
```

| | |
|--------------------|--|
| Description | Show outbound route filtering information |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><fabric>—Internal fabric state</p> <p><brief>—Display brief output (default)</p> <p><detail>—Display detailed output</p> <p><instance>—Show ORF information for a particular instance</p> <p><neighbor-address>—Show ORF information for a particular neighbor</p> |

<get-bgp-rtf-information>

Usage

```
<rpc>
  <get-bgp-rtf-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-bgp-rtf-information>
</rpc>
```

| | |
|--------------------|--|
| Description | Show route target filtering information |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><brief>—Display brief output (default)</p> <p><detail>—Display detailed output</p> <p><group-name>—Show group information for a particular group</p> |

<get-bgp-summary-information>

Usage

```
<rpc>
  <get-bgp-summary-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <instance>instance</instance>
  </get-bgp-summary-information>
</rpc>
```

| | |
|--------------------|----------------------------------|
| Description | Show overview of BGP information |
|--------------------|----------------------------------|

Contents <logical-system>—Name of logical system, or 'all'

 <fabric>—Internal fabric state

 <instance>—Show peer information for a particular instance

<get-bgp-traffic-statistics-information>

Usage

```
<rpc>
  <get-bgp-traffic-statistics-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-bgp-traffic-statistics-information>
</rpc>
```

Description Show packet statistics for labeled BGP routes

Contents <logical-system>—Name of logical system, or 'all'

 <fabric>—Internal fabric state

 <brief>—Display brief output (default)

 <detail>—Display detailed output

 <group-name>—Show group information for a particular group

<get-bios-version-information>

Usage

```
<rpc>
  <get-bios-version-information>
    <device>device</device> <!-- mandatory -->
  </get-bios-version-information>
</rpc>
```

Description Show BIOS firmware version

Contents <device>—Device alias name or serial number

<get-bridge-domain-alt-root-flood-route-information>

Usage

```
<rpc>
```



```

<get-bridge-domain-alt-root-flood-route-information>
  <interface>interface</interface> <!-- mandatory -->
</get-bridge-domain-alt-root-flood-route-information>
</rpc>

```

Description Show STP alt-root flooding route used for interface

Contents <interface>—Interface for which to show alternate-root flooding route

<get-bridge-domain-bd-flood-route-information>

Usage

```

<rpc>
  <get-bridge-domain-bd-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-bridge-domain-bd-flood-route-information>
</rpc>

```

Description Show route for flooding traffic of a bridge domain if no-local-switching is not enabled

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Display information for a specified instance

<bridge-domain>—Display information for a specified bridge domain

<get-bridge-domain-event-queue-information>

Usage

```

<rpc>
  <get-bridge-domain-event-queue-information/>
</rpc>

```

Description Show queue of pending bridge flood events

<get-bridge-domain-mlp-flood-route-information>

Usage

```

<rpc>
  <get-bridge-domain-mlp-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-bridge-domain-mlp-flood-route-information>
</rpc>

```

Description Show route for flooding traffic to MAC learning chips

Contents <logical-system>—Name of logical system, or 'all'
<instance>—Display information for a specified instance
<bridge-domain>—Display information for a specified bridge domain

<get-bridge-domain-re-flood-route-information>

Usage

```
<rpc>
  <get-bridge-domain-re-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-bridge-domain-re-flood-route-information>
</rpc>
```

Description Show route for Routing Engine flooding to all interfaces

Contents <logical-system>—Name of logical system, or 'all'
<instance>—Display information for a specified instance
<bridge-domain>—Display information for a specified bridge domain

<get-bridge-instance-information>

Usage

```
<rpc>
  <get-bridge-instance-information>
    <instance>instance</instance>
    <bridge-domain-name>bridge-domain-name</bridge-domain-name>
    <logical-system>logical-system</logical-system>
    <interface-choice>interface-choice</interface-choice>
    <interface>interface</interface>
    <detail/>
    <brief/>
    <extensive/>
  </get-bridge-instance-information>
</rpc>
```

Description Show bridge domain information

Contents <instance>—Display information for a specified instance
<bridge-domain-name>—Display information for a specified bridge domain

<logical-system>—Name of logical system, or 'all'

<interface>—Name of interface for which to display table

<detail>—Display detailed output

<brief>—Display brief output

<extensive>—Display extensive output

<operational>—Show operational bridging instance

<get-bridge-interface-mac-table>

Usage

```
<rpc>
<get-bridge-interface-mac-table>
  <interface-choice>interface-choice</interface-choice> <!-- mandatory -->
  <interface-name>interface-name</interface-name>
  <all/>
  <remote-beb-mac-address>remote-beb-mac-address</remote-beb-mac-address>

  <vlan-id>vlan-id</vlan-id>
  <isid>isid</isid>
  <detail/>
  <brief/>
  <extensive/>
  <count/>
</get-bridge-interface-mac-table>
</rpc>
```

Description Display MAC table for a specified interface

Contents <interface-name>—Name of interface for which to display table

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<all>—Display MAC table for all the interfaces

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<remote-beb-mac-address>—Remote backbone edge bridge MAC address

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<vlan-id>—Display MAC address learned on a specified VLAN

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<isid>—Display Information for specified ISID or all ISID(s)

- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<detail>—Display detailed output

<brief>—Display brief output

<extensive>—Display extensive output

<count>—Display count only

<get-bridge-mac-table>

Usage

```
<rpc>
  <get-bridge-mac-table>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
    <vlan-id>vlan-id</vlan-id>
    <isid>isid</isid>
    <address>address</address>
    <detail/>
    <brief/>
    <extensive/>
    <count/>
  </get-bridge-mac-table>
</rpc>
```

Description Show media access control table

Contents <get-bridge-interface-mac-table>—Display MAC table for a specified interface

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<instance>—Display information for a specified instance

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<bridge-domain>—Name of bridging domain, or 'all'

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<logical-system>—Name of logical system, or 'all'

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<vlan-id>—Display MAC address learned on a specified VLAN

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<isid>—Display Information for specified ISID or all ISID(s)

- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<address>—MAC address

<detail>—Display detailed output

<brief>—Display brief output

<extensive>—Display extensive output

<count>—Display count only

<get-bridge-statistics-information>

Usage

```
<rpc>
  <get-bridge-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-bridge-statistics-information>
</rpc>
```

Description Show bridge statistics information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Display information for a specified instance

<bridge-domain>—Display information for a specified bridge domain

<get-cfeb-information>

Usage

```
<rpc>
  <get-cfeb-information/>
</rpc>
```

Description Show Compact Forwarding Engine Board status

<get-cfm-delay-statistics>

Usage

```
<rpc>
  <get-cfm-delay-statistics>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep>
    <remote-mep>remote-mep</remote-mep>
    <count>count</count>
    <logical-system>logical-system</logical-system>
  </get-cfm-delay-statistics>
</rpc>
```

Description Show Ethernet OAM maintenance endpoint delay statistics information

Contents <maintenance-domain>—Name of maintenance domain
<maintenance-association>—Name of maintenance association
<local-mep>—Identifier for local maintenance endpoint
<remote-mep>—Identifier for remote maintenance endpoint
<count>—Number of delay statistics per maintenance endpoint
<logical-system>—Name of logical system

<get-cfm-forwarding-state-instance-information>

Usage

```
<rpc>
  <get-cfm-forwarding-state-instance-information>
    <instance-name>instance-name</instance-name>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
  </get-cfm-forwarding-state-instance-information>
</rpc>
```

Description Show Ethernet OAM state for a forwarding instance

Contents <instance-name>—Show information for a particular routing instance
<bridge-domain>—Show information for a particular bridge domain
<logical-system>—Name of logical system
<brief>—Display brief output
<detail>—Display detail output
<extensive>—Display extensive output

<get-cfm-forwarding-state-interface-information>

Usage

```
<rpc>
  <get-cfm-forwarding-state-interface-information>
    <interface-name>interface-name</interface-name>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-cfm-forwarding-state-interface-information>
</rpc>
```

```
<extensive/>
</get-cfm-forwarding-state-interface-information>
</rpc>
```

Description Show Ethernet OAM state for an interface

Contents <interface-name>—Display information for this logical interface

<logical-system>—Name of logical system

<brief>—Display brief output

<detail>—Display detail output

<extensive>—Display extensive output

<get-cfm-interfaces-information>

Usage

```
<rpc>
  <get-cfm-interfaces-information>
    <interface-name>interface-name</interface-name>
    <vlan>vlan</vlan>
    <level>level</level>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
  </get-cfm-interfaces-information>
</rpc>
```

Description Show Ethernet OAM information for interface

Contents <interface-name>—Name of interface

<vlan>—Trunk interface VLAN

<level>—Level value for maintenance domain

<logical-system>—Name of logical system, or 'all'

<brief>—Display brief output

<detail>—Display detail output

<extensive>—Display extensive output

<get-cfm-iterator-statistics>

Usage

```

<rpc>
  <get-cfm-iterator-statistics>
    <sla-iterator>sla-iterator</sla-iterator> <!-- mandatory -->
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
    <local-mep>local-mep</local-mep> <!-- mandatory -->
    <remote-mep>remote-mep</remote-mep> <!-- mandatory -->
    <logical-system>logical-system</logical-system>
  </get-cfm-iterator-statistics>
</rpc>

```

Description Show Ethernet OAM SLA iterator statistics information

Contents

- <sla-iterator>—Name of the iterator profile
- <maintenance-domain>—Name of maintenance domain
- <maintenance-association>—Name of maintenance association
- <local-mep>—Identifier for local maintenance endpoint
- <remote-mep>—MEP identifier of remote host
- <logical-system>—Name of logical system

<get-cfm-linktrace-path-database>

Usage

```

<rpc>
  <get-cfm-linktrace-path-database>
    <logical-system>logical-system</logical-system>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
    <host>host</host> <!-- mandatory -->
  </get-cfm-linktrace-path-database>
</rpc>

```

Description Display the linktrace path-database for a remote host

Contents

- <logical-system>—Name of logical system
- <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<host>—MAC address of remote host in xx:xx:xx:xx:xx:xx format

<get-cfm-loss-statistics>

Usage

```
<rpc>
  <get-cfm-loss-statistics>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep>
    <remote-mep>remote-mep</remote-mep>
    <count>count</count>
    <session-id>session-id</session-id>
  </get-cfm-loss-statistics>
</rpc>
```

Description Show Ethernet OAM maintenance endpoint loss statistics information

Contents <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<local-mep>—Identifier for local maintenance endpoint

<remote-mep>—Identifier for remote maintenance endpoint

<count>—Number of loss statistics per maintenance endpoint

<session-id>—Ethernet loss measurement client session id

<get-cfm-mep-database>

Usage

```
<rpc>
  <get-cfm-mep-database>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep>
    <remote-mep>remote-mep</remote-mep>
    <logical-system>logical-system</logical-system>
  </get-cfm-mep-database>
</rpc>
```

Description Show Ethernet OAM maintenance endpoint database information

| | |
|-----------------|---|
| Contents | <maintenance-domain>—Name of maintenance domain |
| | <maintenance-association>—Name of maintenance association |
| | <local-mep>—Identifier for local maintenance endpoint |
| | <remote-mep>—Identifier for remote maintenance endpoint |
| | <logical-system>—Name of logical system |

<get-cfm-mep-statistics>

Usage

```

<rpc>
  <get-cfm-mep-statistics>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <local-mep>local-mep</local-mep>
    <remote-mep>remote-mep</remote-mep>
    <count>count</count>
    <logical-system>logical-system</logical-system>
  </get-cfm-mep-statistics>
</rpc>

```

Description Show Ethernet OAM maintenance endpoint statistics information

| | |
|-----------------|---|
| Contents | <maintenance-domain>—Name of maintenance domain |
| | <maintenance-association>—Name of maintenance association |
| | <local-mep>—Identifier for local maintenance endpoint |
| | <remote-mep>—Identifier for remote maintenance endpoint |
| | <count>—Number of statistics per maintenance endpoint |
| | <logical-system>—Name of logical system |

<get-cfm-mip-information>

Usage

```

<rpc>
  <get-cfm-mip-information>
    <logical-system>logical-system</logical-system>
    <instance-name>instance-name</instance-name>
    <bridge-domain>bridge-domain</bridge-domain>
    <interface-name>interface-name</interface-name>
    <vlan>vlan</vlan>
  </get-cfm-mip-information>

```

</rpc>

Description Display MIP information

Contents <logical-system>—Name of logical system

<instance-name>—Show information for a particular routing instance

<bridge-domain>—Show information for a particular bridge domain

<interface-name>—Display information for this logical interface

<vlan>—Show information for a particular VLAN within a bridge domain

<get-chassis-fabric-information-device>

Usage

```
<rpc>
  <get-chassis-fabric-information-device>
    <serial-id>serial-id</serial-id>
  </get-chassis-fabric-information-device>
</rpc>
```

Description Show chassis fabric devices running FM component

Contents <serial-id>—Device alias name or serial number

<get-chassis-fabric-link-information>

Usage

```
<rpc>
  <get-chassis-fabric-link-information>
    <up/>
    <down/>
    <error/>
    <all/>
    <device>device</device>
    <slot>slot</slot>
  </get-chassis-fabric-link-information>
</rpc>
```

Description Show data-center fabric links

Contents <up>—Up links

<down>—Down links

<error>—Error links

<all>—All links

<device>—Device alias name or serial number

<slot>—Slot number

<get-chassis-fabric-spray-weight-information>

Usage

```
<rpc>
  <get-chassis-fabric-spray-weight-information>
  </get-chassis-fabric-spray-weight-information>
</rpc>
```

Description Show fabric spray-weights

Contents <from>—Spray weights on

<to>—Spray weights to

<get-chassis-fabric-topology-information>

Usage

```
<rpc>
  <get-chassis-fabric-topology-information>
  <sib-slot>sib-slot</sib-slot>
  <device>device</device>
  <slot>slot</slot>
  </get-chassis-fabric-topology-information>
</rpc>
```

Description Show fabric topology information

Contents <sib-slot>—SIB slot number

<device>—Device alias name or serial number

<slot>—Slot number

<get-chassis-inventory>

Usage

```
<rpc>
  <get-chassis-inventory>
  <device>device</device> <!-- mandatory -->
  <detail/>
  <extensive/>
  <models/>
  <clei-models/>
```

```
</get-chassis-inventory>
</rpc>
```

Description Show installed hardware components

Contents <device>—Device alias name or serial number
<detail>—Include RAM and disk information in output
<extensive>—Display ID EEPROM information
<models>—Display serial number and model number for orderable FRUs
<clei-models>—Display CLEI barcode and model number for orderable FRUs

<get-chassis-location>

Usage

```
<rpc>
  <get-chassis-location>
    <device>device</device> <!-- mandatory -->
  </get-chassis-location>
</rpc>
```

Description Show physical location of chassis

Contents <device>—Device alias name or serial number
<interface>—Show physical location of interface
<fpc>—Show physical location of all fpcs

<get-chassis-pic-mode-information>

Usage

```
<rpc>
  <get-chassis-pic-mode-information/>
</rpc>
```

Description Show a member's chassis pic-mode

<get-chassis-zones-information>

Usage

```
<rpc>
  <get-chassis-zones-information>
    <detail/>
  </get-chassis-zones-information>
```

</rpc>

Description Show chassis cooling zones information

Contents <detail>—Display detailed output

<get-checksum-information>

Usage

```
<rpc>
  <get-checksum-information>
    <path>path</path> <!-- mandatory -->
    <method>method</method>
  </get-checksum-information>
</rpc>
```

Description Calculate MD5 checksum of a file

Contents <path>—Path to filename

- md5 - Calculate MD5 checksum of a file
- sha1 - Calculate SHA1 checksum of a file
- sha-256 - Calculate SHA-256 checksum of a file

<method>—

- md5 - Calculate MD5 checksum of a file
- sha1 - Calculate SHA1 checksum of a file
- sha-256 - Calculate SHA-256 checksum of a file

<get-cli-tip>

Usage

```
<rpc>
  <get-cli-tip>
    <number>number</number>
  </get-cli-tip>
</rpc>
```

Description Tip about using the CLI

Contents <number>—

<get-clock-synchronization-information>

Usage

```
<rpc>
  <get-clock-synchronization-information>
    <interface>interface</interface>
    <extensive/>
  </get-clock-synchronization-information>
</rpc>
```

Description Show clock synchronization information

Contents

- <interface>—Name of physical interface
- <extensive>—Show clock synchronization information in detail
- <master>—Show master clock information
- <backup>—Show backup clock information

<get-commit-information>

Usage

```
<rpc>
  <get-commit-information/>
</rpc>
```

Description Show pending commit requests (if any) and commit history

<get-core-file-information>

Usage

```
<rpc>
  <get-core-file-information>
    <detail/>
    <brief/>
    <core-filename>core-filename</core-filename> <!-- mandatory -->
  </get-core-file-information>
</rpc>
```

Description Display the stack trace of core file

Contents

- <detail>—View stack trace with details of binary
- <brief>—View details of binary
- <core-filename>—Name of core file

<get-cos-adaptive-shaper-information>

Usage

```

<rpc>
  <get-cos-adaptive-shaper-information>
    <adaptive-shaper-name>adaptive-shaper-name</adaptive-shaper-name>
  </get-cos-adaptive-shaper-information>
</rpc>

```

Description Show trigger types and associated rate for adaptive shaper

Contents <adaptive-shaper-name>—Name of adaptive shaper

<get-cos-classifier-information>

Usage

```

<rpc>
  <get-cos-classifier-information>
    <classifier-name>classifier-name</classifier-name>
    <type>type</type>
  </get-cos-classifier-information>
</rpc>

```

Description Show mapping of code point to forwarding class/loss priority

Contents <classifier-name>—Name of classifier

- dscp - Differentiated Services code point (DSCP)
- dscp-ipv6 - Differentiated Services code point (DSCP) for IPv6
- exp - MPLS experimental code point
- ieee-802.1 - IEEE-802.1 code point
- inet-precedence - IPv4 precedence code point
- ieee-802.1ad - IEEE-802.1ad (DEI) code point

<type>—Type of classifier

- dscp - Differentiated Services code point (DSCP)
- dscp-ipv6 - Differentiated Services code point (DSCP) for IPv6
- exp - MPLS experimental code point
- ieee-802.1 - IEEE-802.1 code point
- inet-precedence - IPv4 precedence code point
- ieee-802.1ad - IEEE-802.1ad (DEI) code point

<get-cos-classifier-table-information>

Usage

```
<rpc>
  <get-cos-classifier-table-information>
</get-cos-classifier-table-information>
</rpc>
```

Description Show classifier information

Contents <get-cos-classifier-table-map-information>—Show mapping of interfaces to classifiers

<get-cos-classifier-table-map-information>

Usage

```
<rpc>
  <get-cos-classifier-table-map-information/>
</rpc>
```

Description Show mapping of interfaces to classifiers

<get-cos-code-point-map-information>

Usage

```
<rpc>
  <get-cos-code-point-map-information>
    <dscp/>
    <dscp-ipv6/>
    <exp/>
    <ieee-802.1/>
    <inet-precedence/>
    <ieee-802.1ad/>
  </get-cos-code-point-map-information>
</rpc>
```

Description Show mapping of symbolic name to code point bit pattern

Contents <dscp>—Differentiated Services code point (DSCP)

<dscp-ipv6>—Differentiated Services code point (DSCP) for IPv6

<exp>—MPLS experimental code point

<ieee-802.1>—IEEE-802.1 code point

<inet-precedence>—IPv4 precedence code point

<ieee-802.1ad>—IEEE-802.1ad (DEI) code point

<get-cos-congestion-notification-information>

Usage

```
<rpc>
  <get-cos-congestion-notification-information/>
</rpc>
```

Description Show congestion-notification information

<get-cos-drop-profile-information>

Usage

```
<rpc>
  <get-cos-drop-profile-information>
    <profile-name>profile-name</profile-name>
  </get-cos-drop-profile-information>
</rpc>
```

Description Show interpolated data points of named drop profile

Contents <profile-name>—Name of drop profile

<get-cos-fabric-scheduler-map-information>

Usage

```
<rpc>
  <get-cos-fabric-scheduler-map-information/>
</rpc>
```

Description Show fabric scheduler map information

<get-cos-forwarding-class-information>

Usage

```
<rpc>
  <get-cos-forwarding-class-information>
    <get-cos-forwarding-class-map-information>get-cos-forwarding-class-map-information</get-cos-forwarding-class-map-information>
  </get-cos-forwarding-class-information>
</rpc>
```

Description Show mapping of forwarding class names to queue numbers

Contents <get-cos-forwarding-class-map-information>—Name of forwarding class map

<get-cos-forwarding-class-map-interface-table-information>

Usage

```
<rpc>
  <get-cos-forwarding-class-map-interface-table-information/>
</rpc>
```

Description Show interface to forwarding class mapping

<get-cos-forwarding-class-map-table-information>

Usage

```
<rpc>
  <get-cos-forwarding-class-map-table-information>
</get-cos-forwarding-class-map-table-information>
</rpc>
```

Description Show forwarding class map information

Contents <get-cos-forwarding-class-map-interface-table-information>—Show interface to forwarding class mapping

<get-cos-forwarding-class-set-information>

Usage

```
<rpc>
  <get-cos-forwarding-class-set-information>

  <forwarding-class-set-name>forwarding-class-set-name</forwarding-class-set-name>

  </get-cos-forwarding-class-set-information>
</rpc>
```

Description Show forwarding-class-sets that are active

Contents <forwarding-class-set-name>—Name of forwarding class set

<get-cos-fragmentation-map-information>

Usage

```
<rpc>
  <get-cos-fragmentation-map-information>
  <fragmentation-map-name>fragmentation-map-name</fragmentation-map-name>
```

```

    </get-cos-fragmentation-map-information>
  </rpc>

```

Description Show mapping of forwarding classes to fragmentation options

Contents <fragmentation-map-name>—Name of fragmentation map

<get-cos-fwtab-fabric-scheduler-map-information>

Usage

```

  <rpc>
    <get-cos-fwtab-fabric-scheduler-map-information/>
  </rpc>

```

Description Show fabric scheduler map

<get-cos-information>

Usage

```

  <rpc>
    <get-cos-information>
  </get-cos-information>
</rpc>

```

Description Show class-of-service (CoS) information

Contents

- <get-cos-forwarding-class-information>—Show mapping of forwarding class names to queue numbers
- <get-cos-forwarding-class-set-information>—Show forwarding-class-sets that are active
- <get-cos-drop-profile-information>—Show interpolated data points of named drop profile
- <get-cos-adaptive-shaper-information>—Show trigger types and associated rate for adaptive shaper
- <get-cos-virtual-channel-information>—Show virtual channel names
- <get-cos-virtual-channel-group-information>—Show virtual channel group information
- <get-cos-classifier-information>—Show mapping of code point to forwarding class/loss priority
- <get-cos-l2tp-session-map-information>—Show mapping of CoS objects to L2TP sessions
- <get-cos-loss-priority-map-information>—Show mapping of code point to loss priority

<get-cos-rewrite-information>—Show mapping of forwarding class/loss priority to code point

<get-cos-multi-destination-information>—Show multi destination

<get-cos-code-point-map-information>—Show mapping of symbolic name to code point bit pattern

<get-cos-scheduler-map-information>—Show mapping of forwarding classes to schedulers

<get-cos-traffic-control-profile-information>—Show traffic control profiles

<get-cos-fragmentation-map-information>—Show mapping of forwarding classes to fragmentation options

<get-cos-interface-map-information>—Show mapping of CoS objects to interfaces

<get-cos-interface-set-map-information>—Show mapping of CoS objects to interface-set

<get-cos-routing-instance-map-information>—Show mapping of CoS objects to routing instance

<get-cos-table-information>—Show forwarding table information

<fabric>—Show fabric information

<get-cos-translation-table-map-information>—Show mapping of code point to code point

<get-cos-congestion-notification-information>—Show congestion-notification information

<get-cos-interface-map-information>

Usage

```
<rpc>  
  <get-cos-interface-map-information>  
    <interface-name>interface-name</interface-name>  
  </get-cos-interface-map-information>  
</rpc>
```

Description Show mapping of CoS objects to interfaces

Contents <interface-name>—Name of interface

<get-cos-interface-set-map-information>

Usage

```
<rpc>  
  <get-cos-interface-set-map-information>  
    <interface-set-name>interface-set-name</interface-set-name>  
  </get-cos-interface-set-map-information>
```

```
</rpc>
```

Description Show mapping of CoS objects to interface-set

Contents <interface-set-name>—Name of interface set

<get-cos-l2tp-session-map-information>

Usage

```
<rpc>
  <get-cos-l2tp-session-map-information>
    <session-id>session-id</session-id>
  </get-cos-l2tp-session-map-information>
</rpc>
```

Description Show mapping of CoS objects to L2TP sessions

Contents <session-id>—Session Index

<get-cos-loss-priority-map-information>

Usage

```
<rpc>
  <get-cos-loss-priority-map-information>
    <loss-priority-map-name>loss-priority-map-name</loss-priority-map-name>
    <type>type</type>
  </get-cos-loss-priority-map-information>
</rpc>
```

Description Show mapping of code point to loss priority

Contents <loss-priority-map-name>—Name of loss priority map

- frame-relay-de - Frame Relay discard eligible code point

<type>—

- frame-relay-de - Frame Relay discard eligible code point

<get-cos-loss-priority-map-table-binding-information>

Usage

```
<rpc>
  <get-cos-loss-priority-map-table-binding-information/>
</rpc>
```

Description Show interface to loss priority map binding

<get-cos-loss-priority-map-table-information>

Usage

```
<rpc>  
  <get-cos-loss-priority-map-table-information>  
  </get-cos-loss-priority-map-table-information>  
</rpc>
```

Description Show loss priority map table

Contents <get-cos-loss-priority-map-table-binding-information>—Show interface to loss priority map binding

<get-cos-multi-destination-information>

Usage

```
<rpc>  
  <get-cos-multi-destination-information/>  
</rpc>
```

Description Show multi destination

<get-cos-policer-table-map-information>

Usage

```
<rpc>  
  <get-cos-policer-table-map-information/>  
</rpc>
```

Description Show policer

<get-cos-red-information>

Usage

```
<rpc>  
  <get-cos-red-information/>  
</rpc>
```

Description Show random early detection drop profile

<get-cos-rewrite-information>

Usage

```

<rpc>
  <get-cos-rewrite-information>
    <rewrite-rule-name>rewrite-rule-name</rewrite-rule-name>
    <type>type</type>
  </get-cos-rewrite-information>
</rpc>

```

Description Show mapping of forwarding class/loss priority to code point

Contents

<rewrite-rule-name>—Name of rewrite rule

- dscp - Differentiated Services code point (DSCP)
- dscp-ipv6 - Differentiated Services code point (DSCP) for IPv6
- exp - MPLS experimental code point
- ieee-802.1 - IEEE-802.1 code point
- inet-precedence - IPv4 precedence code point
- frame-relay-de - Frame relay discard eligible bit code point
- ieee-802.1ad - IEEE-802.1ad (DEI) code point

<type>—Type of rewrite rule

- dscp - Differentiated Services code point (DSCP)
- dscp-ipv6 - Differentiated Services code point (DSCP) for IPv6
- exp - MPLS experimental code point
- ieee-802.1 - IEEE-802.1 code point
- inet-precedence - IPv4 precedence code point
- frame-relay-de - Frame relay discard eligible bit code point
- ieee-802.1ad - IEEE-802.1ad (DEI) code point

<get-cos-rewrite-table-information>

Usage

```

<rpc>
  <get-cos-rewrite-table-information>
</get-cos-rewrite-table-information>
</rpc>

```

Description Show rewrite information

Contents <get-cos-rewrite-table-map-information>—Show interface to rewrite rule mapping

<get-cos-rewrite-table-map-information>

Usage

```
<rpc>
  <get-cos-rewrite-table-map-information/>
</rpc>
```

Description Show interface to rewrite rule mapping

<get-cos-routing-instance-map-information>

Usage

```
<rpc>
  <get-cos-routing-instance-map-information>
    <routing-instance-name>routing-instance-name</routing-instance-name>
  </get-cos-routing-instance-map-information>
</rpc>
```

Description Show mapping of CoS objects to routing instance

Contents <routing-instance-name>—Name of routing instance

<get-cos-scheduler-map-information>

Usage

```
<rpc>
  <get-cos-scheduler-map-information>
    <scheduler-map-name>scheduler-map-name</scheduler-map-name>
  </get-cos-scheduler-map-information>
</rpc>
```

Description Show mapping of forwarding classes to schedulers

Contents <scheduler-map-name>—Name of scheduler map

<get-cos-scheduler-map-table-information>

Usage

```
<rpc>
  <get-cos-scheduler-map-table-information/>
</rpc>
```

Description Show scheduler map

<get-cos-shaper-table-map-information>

Usage

```
<rpc>  
  <get-cos-shaper-table-map-information/>  
</rpc>
```

Description Show shaper

<get-cos-table-information>

Usage

```
<rpc>  
  <get-cos-table-information>  
  </get-cos-table-information>  
</rpc>
```

Description Show forwarding table information

Contents <get-cos-classifier-table-information>—Show classifier information

<get-cos-loss-priority-map-table-information>—Show loss priority map table

<get-cos-scheduler-map-table-information>—Show scheduler map

<get-cos-policer-table-map-information>—Show policer

<get-cos-shaper-table-map-information>—Show shaper

<get-cos-red-information>—Show random early detection drop profile

<get-cos-rewrite-table-information>—Show rewrite information

<get-cos-forwarding-class-map-table-information>—Show forwarding class map information

<fabric>—Show fabric information

<get-cos-translation-table-information>—Show translation table information

<get-cos-traffic-control-profile-information>

Usage

```
<rpc>  
  <get-cos-traffic-control-profile-information>  
  
  <traffic-control-profile-name>traffic-control-profile-name</traffic-control-profile-name>  
  
  </get-cos-traffic-control-profile-information>
```

</rpc>

Description Show traffic control profiles

Contents <traffic-control-profile-name>—Name of traffic control profile

<get-cos-translation-table-information>

Usage

```
<rpc>
  <get-cos-translation-table-information>
  </get-cos-translation-table-information>
</rpc>
```

Description Show translation table information

Contents <get-cos-translation-table-mapping-information>—Show mapping of interfaces to translation table

<get-cos-translation-table-map-information>

Usage

```
<rpc>
  <get-cos-translation-table-map-information>
  <translation-table-name>translation-table-name</translation-table-name>
  <type>type</type>
  </get-cos-translation-table-map-information>
</rpc>
```

Description Show mapping of code point to code point

Contents <translation-table-name>—Name of translation table

- to-inet-precedence-from-inet-precedence - INET PRECEDENCE to INET PRECEDENCE translation table
- to-dscp-from-dscp - DSCP to DSCP translation table
- to-dscp-ipv6-from-dscp-ipv6 - DSCP IPV6 to DSCP IPV6 translation table
- to-exp-from-exp - EXP to EXP translation table

<type>—Type of translation table

- to-inet-precedence-from-inet-precedence - INET PRECEDENCE to INET PRECEDENCE translation table
- to-dscp-from-dscp - DSCP to DSCP translation table

- to-dscp-ipv6-from-dscp-ipv6 - DSCP IPV6 to DSCP IPV6 translation table
- to-exp-from-exp - EXP to EXP translation table

<get-cos-translation-table-mapping-information>

Usage

```
<rpc>  
<get-cos-translation-table-mapping-information/>  
</rpc>
```

Description Show mapping of interfaces to translation table

<get-cos-virtual-channel-group-information>

Usage

```
<rpc>  
<get-cos-virtual-channel-group-information>  
  
<virtual-channel-group-name>virtual-channel-group-name</virtual-channel-group-name>  
  
</get-cos-virtual-channel-group-information>  
</rpc>
```

Description Show virtual channel group information

Contents <virtual-channel-group-name>—Name of virtual channel group

<get-cos-virtual-channel-information>

Usage

```
<rpc>  
<get-cos-virtual-channel-information>  
<virtual-channel-name>virtual-channel-name</virtual-channel-name>  
</get-cos-virtual-channel-information>  
</rpc>
```

Description Show virtual channel names

Contents <virtual-channel-name>—Name of virtual channel

<get-craft-information>

Usage

```
<rpc>  
<get-craft-information/>
```

```
</rpc>
```

Description Show craft interface status

<get-database-replication-statistics-information>

Usage

```
<rpc>  
<get-database-replication-statistics-information/>  
</rpc>
```

Description Show database replication statistics

<get-database-replication-summary-information>

Usage

```
<rpc>  
<get-database-replication-summary-information/>  
</rpc>
```

Description Show database replication summary

<get-destination-class-statistics>

Usage

```
<rpc>  
<get-destination-class-statistics>  
  <class-name>class-name</class-name> <!-- mandatory -->  
  <interface-name>interface-name</interface-name>  
</get-destination-class-statistics>  
</rpc>
```

Description Show statistics for destination class

Contents <all>—Display all destination class usage

<class-name>—Name of destination class

<interface-name>—Name of logical interface

<get-dhcp-binding-information>

Usage

```
<rpc>  
<get-dhcp-binding-information>  
  <detail/>
```

```
<address>address</address>
</get-dhcp-binding-information>
</rpc>
```

Description Show DHCP client binding information

Contents <detail>—Display detailed information
<address>—Address of DHCP client binding

<get-dhcp-conflict-information>

Usage

```
<rpc>
<get-dhcp-conflict-information/>
</rpc>
```

Description Show DHCP address conflict

<get-dhcp-global-information>

Usage

```
<rpc>
<get-dhcp-global-information/>
</rpc>
```

Description Show DHCP global scope information

<get-dhcp-pool-information>

Usage

```
<rpc>
<get-dhcp-pool-information>
<detail/>
<subnet-address>subnet-address</subnet-address>
</get-dhcp-pool-information>
</rpc>
```

Description Show DHCP address pool information

Contents <detail>—Display detailed information
<subnet-address>—Logical subnet of address pool

<get-dhcp-relay-binding-information>

Usage

```
<rpc>
  <get-dhcp-relay-binding-information>
    <brief/>
    <detail/>
    <summary/>
    <address>address</address>
    <routing-instance>routing-instance</routing-instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
  </get-dhcp-relay-binding-information>
</rpc>
```

Description Show DHCP relay client binding information

Contents <brief>—Display brief information

<detail>—Display detailed information

<summary>—Display summary information

<address>—IP address or MAC address or Session Id of DHCP client binding

<interface>—Name of interface on which to show bindings

<routing-instance>—Name of routing instance

<bridge-domain>—Name of bridge domain

<logical-system>—Name of logical system

<get-dhcp-relay-statistics-information>

Usage

```
<rpc>
  <get-dhcp-relay-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <bridge-domain>bridge-domain</bridge-domain>
    <logical-system>logical-system</logical-system>
  </get-dhcp-relay-statistics-information>
</rpc>
```

Description Show DHCP statistics

Contents <routing-instance>—Name of routing instance

<bridge-domain>—Name of bridge domain

<logical-system>—Name of logical system

<get-dhcp-server-binding-information>

Usage

```
<rpc>
  <get-dhcp-server-binding-information>
    <brief/>
    <detail/>
    <summary/>
    <address>address</address>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-dhcp-server-binding-information>
</rpc>
```

Description Show DHCP server client binding information

Contents <brief>—Display brief information

<detail>—Display detailed information

<summary>—Display summary information

<address>—IP address or MAC address or Session Id of DHCP client binding

<interface>—Name of interface on which to show bindings

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-dhcp-server-statistics-information>

Usage

```
<rpc>
  <get-dhcp-server-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-dhcp-server-statistics-information>
</rpc>
```

Description Show DHCP server statistics

Contents <routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-dhcp-statistics-information>

Usage

```
<rpc>
  <get-dhcp-statistics-information/>
</rpc>
```

Description Show DHCP statistics

<get-dhcpv6-server-binding-information>

Usage

```
<rpc>
  <get-dhcpv6-server-binding-information>
    <brief/>
    <detail/>
    <summary/>
    <address>address</address>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-dhcpv6-server-binding-information>
</rpc>
```

Description Show DHCPv6 server client binding information

Contents <brief>—Display brief information

<detail>—Display detailed information

<summary>—Display summary information

<address>—IPv6 Prefix or session-id or CID <cid-len/0x.../0x...> of DHCPv6 client binding

<interface>—Name of interface on which to show bindings

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-dhcpv6-server-statistics-information>

Usage

```
<rpc>
  <get-dhcpv6-server-statistics-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-dhcpv6-server-statistics-information>
</rpc>
```

- Description** Show DHCPv6 server statistics
- Contents** <routing-instance>—Name of routing instance
- <logical-system>—Name of logical system

<get-diameter-function-information>

Usage

```
<rpc>
  <get-diameter-function-information>
    <summary/>
    <brief/>
    <detail/>
    <jsrc/>
    <charging-gw/>
    <packet-triggered-subscribers/>
    <gx-plus/>
  </get-diameter-function-information>
</rpc>
```

- Description** Show diameter function information

- Contents** <summary>—Display summary output(default)
- <brief>—Display brief output
- <detail>—Display detailed output
- <jsrc>—Function to use SRC application
- <charging-gw>—Function to use CHARGING application
- <packet-triggered-subscribers>—Function to use PACKET-TRIGGERED-SUBSCRIBERS application
- <gx-plus>—Function to use GX-PLUS application
- <get-diameter-function-statistics>—Show diameter function statistics

<get-diameter-function-statistics>

Usage

```
<rpc>
  <get-diameter-function-statistics>
    <summary/>
    <brief/>
    <detail/>
    <jsrc/>
    <charging-gw/>
    <packet-triggered-subscribers/>
  </get-diameter-function-statistics>
</rpc>
```

```
<gx-plus/>
</get-diameter-function-statistics>
</rpc>
```

Description Show diameter function statistics

Contents

- <summary>—Display summary output (default)
- <brief>—Display brief output
- <detail>—Display detailed output
- <jsrc>—Function to use SRC application
- <charging-gw>—Function to use CHARGING application
- <packet-triggered-subscribers>—Function to use PACKET-TRIGGERED-SUBSCRIBERS application
- <gx-plus>—Function to use GX-PLUS application

<get-diameter-information>

Usage

```
<rpc>
  <get-diameter-information>
    <summary/>
    <brief/>
    <detail/>
  </get-diameter-information>
</rpc>
```

Description Show diameter information

Contents

- <summary>—Display summary output (default)
- <brief>—Display brief output
- <detail>—Display detailed output
- <get-diameter-function-information>—Show diameter function information
- <get-diameter-instance-information>—Show diameter instance information
- <get-diameter-network-element-information>—Show diameter network-element information
- <get-diameter-route-information>—Show diameter route information
- <get-diameter-peer-information>—Show diameter peer information

<get-diameter-instance-information>

Usage

```

<rpc>
  <get-diameter-instance-information>
    <summary/>
    <brief/>
    <detail/>
    <instance-name>instance-name</instance-name>
  </get-diameter-instance-information>
</rpc>

```

Description Show diameter instance information

Contents <summary>—Display summary output(default)

<brief>—Display brief output

<detail>—Display detailed output

<instance-name>—Instance name

<get-diameter-network-element-information>

Usage

```

<rpc>
  <get-diameter-network-element-information>
    <summary/>
    <brief/>
    <detail/>
    <network-element-name>network-element-name</network-element-name>
  </get-diameter-network-element-information>
</rpc>

```

Description Show diameter network-element information

Contents <summary>—Display summary output(default)

<brief>—Display brief output

<detail>—Display detailed output

<network-element-name>—Network-element name

<get-diameter-network-element-map-information>—Show diameter network-element map to peers

<get-diameter-network-element-map-information>

Usage

```
<rpc>
  <get-diameter-network-element-map-information>
    <summary/>
    <brief/>
    <detail/>

    <network-element-map-name>network-element-map-name</network-element-map-name>

  </get-diameter-network-element-map-information>
</rpc>
```

Description Show diameter network-element map to peers

Contents <summary>—Display summary output(default)

<brief>—Display brief output

<detail>—Display detailed output

<network-element-map-name>—Network-element name

<get-diameter-peer-information>

Usage

```
<rpc>
  <get-diameter-peer-information>
    <summary/>
    <brief/>
    <detail/>
    <peer-name>peer-name</peer-name>
  </get-diameter-peer-information>
</rpc>
```

Description Show diameter peer information

Contents <summary>—Display summary output(default)

<brief>—Display brief output

<detail>—Display detailed output

<peer-name>—Peer name

<get-diameter-peer-map-information>—Show diameter peer mapping to network-elements

<get-diameter-peer-statistics>—Show diameter peer statistics

<get-diameter-peer-map-information>

Usage

```
<rpc>
  <get-diameter-peer-map-information>
    <summary/>
    <brief/>
    <detail/>
    <peer-map-name>peer-map-name</peer-map-name>
  </get-diameter-peer-map-information>
</rpc>
```

Description Show diameter peer mapping to network-elements

Contents <summary>—Display summary output (default)

<brief>—Display brief output

<detail>—Display detailed output

<peer-map-name>—Peer name

<get-diameter-peer-statistics>

Usage

```
<rpc>
  <get-diameter-peer-statistics>
    <summary/>
    <brief/>
    <detail/>
    <peer-statistics-name>peer-statistics-name</peer-statistics-name>
  </get-diameter-peer-statistics>
</rpc>
```

Description Show diameter peer statistics

Contents <summary>—Display summary output (default)

<brief>—Display brief output

<detail>—Display detailed output

<peer-statistics-name>—Peer name

<get-diameter-route-information>

Usage

```
<rpc>
  <get-diameter-route-information>
```

```
<summary/>
<brief/>
<detail/>
<route-name>route-name</route-name>
</get-diameter-route-information>
</rpc>
```

Description Show diameter route information

Contents <summary>—Display summary output(default)

<brief>—Display brief output

<detail>—Display detailed output

<route-name>—Route name

<get-directory-usage-information>

Usage

```
<rpc>
<get-directory-usage-information>
<device>device</device> <!-- mandatory -->
<path>path</path>
<depth>depth</depth>
</get-directory-usage-information>
</rpc>
```

Description Show local directory information

Contents <device>—Device alias name or serial number

<path>—Path of root directory to traverse

<depth>—Depth of directories to traverse

<get-domain-map-statistics>

Usage

```
<rpc>
<get-domain-map-statistics/>
</rpc>
```

Description Domain-map module statistics

<get-dot1x-authentication-failed-users>

Usage

```
<rpc>
  <get-dot1x-authentication-failed-users/>
</rpc>
```

Description List users who have failed 802.1X authentication

<get-dot1x-interface-information>

Usage

```
<rpc>
  <get-dot1x-interface-information>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
  </get-dot1x-interface-information>
</rpc>
```

Description Show 802.1X interface information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<interface-name>—Name of interface

<get-dot1x-interface-mac-addresses>

Usage

```
<rpc>
  <get-dot1x-interface-mac-addresses>
    <interface-name>interface-name</interface-name>
  </get-dot1x-interface-mac-addresses>
</rpc>
```

Description Show 802.1X static MAC addresses on this interface

Contents <interface-name>—Show static MAC addresses of interface

<get-dot1x-static-mac-addresses>

Usage

```
<rpc>
  <get-dot1x-static-mac-addresses>
```

```
</get-dot1x-static-mac-addresses>
</rpc>
```

Description Show 802.1X static MAC addresses

Contents <get-dot1x-interface-mac-addresses>—Show 802.1X static MAC addresses on this interface

<get-dvmrp-interfaces-information>

Usage

```
<rpc>
<get-dvmrp-interfaces-information>
<logical-system>logical-system</logical-system>
</get-dvmrp-interfaces-information>
</rpc>
```

Description Show DVMRP interfaces

Contents <logical-system>—Name of logical system, or 'all'

<get-dvmrp-neighbors-information>

Usage

```
<rpc>
<get-dvmrp-neighbors-information>
<logical-system>logical-system</logical-system>
</get-dvmrp-neighbors-information>
</rpc>
```

Description Show DVMRP neighbors

Contents <logical-system>—Name of logical system, or 'all'

<get-dvmrp-prefix-information>

Usage

```
<rpc>
<get-dvmrp-prefix-information>
<logical-system>logical-system</logical-system>
<brief/>
<detail/>
<prefix>prefix</prefix>
</get-dvmrp-prefix-information>
</rpc>
```

Description Show DVMRP prefixes

Contents <logical-system>—Name of logical system, or 'all'

 <brief>—Display brief output (default)

 <detail>—Display detailed output

 <prefix>—DVMRP prefix

<get-dvmrp-prunes-information>

Usage

```
<rpc>
  <get-dvmrp-prunes-information>
    <logical-system>logical-system</logical-system>
    <all/>
    <rx/>
    <tx/>
  </get-dvmrp-prunes-information>
</rpc>
```

Description Show DVMRP prunes

Contents <logical-system>—Name of logical system, or 'all'

 <all>—Display both received and transmitted prunes

 <rx>—Display received prunes

 <tx>—Display transmitted prunes

<get-elmi-information>

Usage

```
<rpc>
  <get-elmi-information>
    <interface>interface</interface>
  </get-elmi-information>
</rpc>
```

Description Show ethernet local management information

Contents <interface>—Name of interface

 <get-elmi-statistics>—Show ethernet local management statistics

<get-elmi-statistics>

Usage

```
<rpc>
```

```
<get-elmi-statistics>
  <interface>interface</interface>
</get-elmi-statistics>
</rpc>
```

Description Show ethernet local management statistics

Contents <interface>—Name of interface

<get-environment-cb-information>

Usage

```
<rpc>
  <get-environment-cb-information>
    <device>device</device> <!-- mandatory -->
    <slot>slot</slot>
  </get-environment-cb-information>
</rpc>
```

Description Show Control Board information

Contents <device>—Device alias name or serial number
<slot>—CB slot number

<get-environment-cip-information>

Usage

```
<rpc>
  <get-environment-cip-information>
    <slot>slot</slot>
  </get-environment-cip-information>
</rpc>
```

Description Show Connector Interface Panel Information

Contents <slot>—CIP slot number

<get-environment-feb-information>

Usage

```
<rpc>
  <get-environment-feb-information>
    <slot>slot</slot>
  </get-environment-feb-information>
</rpc>
```

Description Show Forwarding Engine Board information

Contents <slot>—FEB slot number

<get-environment-fpc-information>

Usage

```
<rpc>
  <get-environment-fpc-information>
    <device>device</device> <!-- mandatory -->
    <fpc-slot>fpc-slot</fpc-slot>
  </get-environment-fpc-information>
</rpc>
```

Description Show Flexible PIC Concentrator information

Contents <device>—Device alias name or serial number
 <fpc-slot>—FPC slot number

<get-environment-fpm-information>

Usage

```
<rpc>
  <get-environment-fpm-information/>
</rpc>
```

Description Show craft interface information

<get-environment-information>

Usage

```
<rpc>
  <get-environment-information>
    <device>device</device> <!-- mandatory -->
  </get-environment-information>
</rpc>
```

Description Show component status and temperature, cooling system speeds

Contents <device>—Device alias name or serial number
 <get-environment-sib-information>—Show Switch Interface Board information
 <get-environment-fpc-information>—Show Flexible PIC Concentrator information
 <get-environment-fpm-information>—Show craft interface information

<get-environment-mcs-information>—Show Miscellaneous Control Subsystem information

<get-environment-pcg-information>—Show Packet Forwarding Engine Clock Generator information

<get-environment-scg-information>—Show SONET Clock Generator information

<get-environment-cb-information>—Show Control Board information

<get-environment-psu-information>—Show Power Supply Unit information

<get-environment-power-supply-unit-information>—Show power supply unit information

<get-environment-pem-information>—Show Power Entry Module information

<get-environment-re-information>—Show Routing Engine information

<get-environment-sfm-information>—Show Switching and Forwarding Module information

<get-environment-feb-information>—Show Forwarding Engine Board information

<get-environment-cip-information>—Show Connector Interface Panel Information

<get-environment-mcs-information>

Usage

```
<rpc>
  <get-environment-mcs-information>
    <slot>slot</slot>
  </get-environment-mcs-information>
</rpc>
```

Description Show Miscellaneous Control Subsystem information

Contents <slot>—MCS slot number

<get-environment-pcg-information>

Usage

```
<rpc>
  <get-environment-pcg-information>
    <slot>slot</slot>
  </get-environment-pcg-information>
</rpc>
```

Description Show Packet Forwarding Engine Clock Generator information

Contents <slot>—PCG slot number

<get-environment-pem-information>

Usage

```
<rpc>
  <get-environment-pem-information>
    <device>device</device> <!-- mandatory -->
    <slot>slot</slot>
  </get-environment-pem-information>
</rpc>
```

Description Show Power Entry Module information

Contents <device>—Device alias name or serial number
 <slot>—PEM slot number

<get-environment-power-supply-unit-information>

Usage

```
<rpc>
  <get-environment-power-supply-unit-information>
    <slot>slot</slot>
  </get-environment-power-supply-unit-information>
</rpc>
```

Description Show power supply unit information

Contents <slot>—FPC slot number

<get-environment-psu-information>

Usage

```
<rpc>
  <get-environment-psu-information>
    <slot>slot</slot>
  </get-environment-psu-information>
</rpc>
```

Description Show Power Supply Unit information

Contents <slot>—PSU slot number

<get-environment-re-information>

Usage

```
<rpc>
```

```
<get-environment-re-information>
<device>device</device> <!-- mandatory -->
<slot>slot</slot>
</get-environment-re-information>
</rpc>
```

Description Show Routing Engine information

Contents <device>—Device alias name or serial number
<slot>—Routing Engine slot number

<get-environment-scg-information>

Usage

```
<rpc>
<get-environment-scg-information>
<slot>slot</slot>
</get-environment-scg-information>
</rpc>
```

Description Show SONET Clock Generator information

Contents <slot>—SCG slot number

<get-environment-sfm-information>

Usage

```
<rpc>
<get-environment-sfm-information>
<sfm_plane>sfm_plane</sfm_plane>
</get-environment-sfm-information>
</rpc>
```

Description Show Switching and Forwarding Module information

Contents <sfm_plane>—SFM slot number

<get-environment-sib-information>

Usage

```
<rpc>
<get-environment-sib-information>
<sib-slot>sib-slot</sib-slot>
</get-environment-sib-information>
</rpc>
```


Description Show Switch Interface Board information

Contents <f13>—Show SIB F13 information
 <f2s>—Show SIB F2S information
 <sib-slot>—SIB slot number

<get-esis-adjacency-information>

Usage

```
<rpc>
  <get-esis-adjacency-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <esis-neighbor-id>esis-neighbor-id</esis-neighbor-id>
  </get-esis-adjacency-information>
</rpc>
```

Description Show ES-IS adjacency database

Contents <logical-system>—Name of logical system, or 'all'
 <brief>—Display brief output (default)
 <detail>—Display detailed output
 <extensive>—Display extensive output
 <instance>—Name of ES-IS instance
 <esis-neighbor-id>—NSAP/NET of end system

<get-esis-interface-information>

Usage

```
<rpc>
  <get-esis-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <interface-name>interface-name</interface-name>
  </get-esis-interface-information>
</rpc>
```

| | |
|--------------------|---|
| Description | Show ES-IS interface information |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><brief>—Display brief output (default)</p> <p><detail>—Display detailed output</p> <p><extensive>—Display extensive output</p> <p><instance>—Name of ES-IS instance</p> <p><interface-name>—Name of interface</p> |

<get-esis-statistics-information>

| | |
|--------------------|--|
| Usage | <pre><rpc> <get-esis-statistics-information> <logical-system>logical-system</logical-system> <instance>instance</instance> </get-esis-statistics-information> </rpc></pre> |
| Description | Show ES-IS performance statistics |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><instance>—Name of ES-IS instance</p> |

<get-evc-infomation>

| | |
|--------------------|--|
| Usage | <pre><rpc> <get-evc-infomation> <evc-id>evc-id</evc-id> </get-evc-infomation> </rpc></pre> |
| Description | Show ethernet virtual circuit information |
| Contents | <evc-id>—EVC identifier |

<get-event-summary>

| | |
|--------------|--|
| Usage | <pre><rpc> <get-event-summary></pre> |
|--------------|--|

```

<syslogfile>syslogfile</syslogfile>
<event-id>event-id</event-id>
<daemon-name>daemon-name</daemon-name>
<event-description>event-description</event-description>
<start-time>start-time</start-time>
<end-time>end-time</end-time>
<total-message-display>total-message-display</total-message-display>
<show-start-event>show-start-event</show-start-event>
<show-end-event>show-end-event</show-end-event>
<new-search/>
<output-file-name>output-file-name</output-file-name>
</get-event-summary>
</rpc>

```

Description Show syslog event

Contents

- <syslogfile>—Syslog file name filter
- <event-id>—Event Id filter
- <daemon-name>—Daemon name filter
- <event-description>—Regular expression for description filter
- <start-time>—Start time filter. Format is mm/dd/yyyy hour:min
- <end-time>—End time filter. Format is mm/dd/yyyy hour:min
- <total-message-display>—Number of messages displayed per page
- <show-start-event>—Requested event starting number
- <show-end-event>—Requested event ending number
- <new-search>—It is a new search
- <output-file-name>—File name where filtered messages are stored

<get-fabric-queue-information>

Usage

```

<rpc>
  <get-fabric-queue-information>
    <destination>destination</destination>
    <source>source</source>
    <summary/>
  </get-fabric-queue-information>
</rpc>

```

Description Show fabric queue statistics

Contents <destination>—Destination FPC for which to show details
 <source>—Source FPC for which to show details
 <summary>—Display summary output

<get-feb-brief-information>

Usage

```
<rpc>  
  <get-feb-brief-information>  
  </get-feb-brief-information>  
</rpc>
```

Description Show Forwarding Engine Board status

Contents <get-feb-information>—Show detailed output

<get-feb-information>

Usage

```
<rpc>  
  <get-feb-information>  
    <feb_slot>feb_slot</feb_slot>  
  </get-feb-information>  
</rpc>
```

Description Show detailed output

Contents <feb_slot>—FEB slot number

<get-feb-redundancy-error-information>

Usage

```
<rpc>  
  <get-feb-redundancy-error-information/>  
</rpc>
```

Description Show error information

<get-feb-redundancy-group-information>

Usage

```
<rpc>  
  <get-feb-redundancy-group-information>  
    <group>group</group> <!-- mandatory -->
```

```
<errors/>
</get-feb-redundancy-group-information>
</rpc>
```

Description Show FEB redundancy group information

Contents <group>—Name of FEB redundancy group
 <errors>—Include error information

<get-feb-redundancy-information>

Usage

```
<rpc>
<get-feb-redundancy-information>
</get-feb-redundancy-information>
</rpc>
```

Description Show Forwarding Engine Board redundancy information

Contents <get-feb-redundancy-error-information>—Show error information
 <get-feb-redundancy-group-information>—Show FEB redundancy group information

<get-firmware-information>

Usage

```
<rpc>
<get-firmware-information>
  <device>device</device> <!-- mandatory -->
</get-firmware-information>
</rpc>
```

Description Show firmware and operating system version for components

Contents <device>—Device alias name or serial number

<get-flow-table-statistics-information>

Usage

```
<rpc>
<get-flow-table-statistics-information>
  <detail/>
</get-flow-table-statistics-information>
</rpc>
```

Description Show flow table statistics

Contents <detail>—Show detailed statistics information

<get-fm-fpc-errors>

Usage

```
<rpc>
  <get-fm-fpc-errors>
    <slot>slot</slot> <!-- mandatory -->
  </get-fm-fpc-errors>
</rpc>
```

Description Show Flexible PIC Controller errors

Contents <slot>—FPC slot number

<get-fm-fpc-state-information>

Usage

```
<rpc>
  <get-fm-fpc-state-information/>
</rpc>
```

Description Show summary fabric management FPC state from Routing Engine

<get-fm-plane-location-information>

Usage

```
<rpc>
  <get-fm-plane-location-information/>
</rpc>
```

Description Show fabric plane location

<get-fm-plane-state-information>

Usage

```
<rpc>
  <get-fm-plane-state-information>
    <terse/>
    <detail/>
    <extensive/>
    <number>number</number>
  </get-fm-plane-state-information>
```

`</rpc>`

Description Show state of fabric management plane

Contents `<terse>`—Show terse output
`<detail>`—Show detail output
`<extensive>`—Show extensive output
`<number>`—Fabric plane number

`<get-fm-sib-errors>`

Usage

```
<rpc>
  <get-fm-sib-errors>
    <sib-slot>sib-slot</sib-slot> <!-- mandatory -->
  </get-fm-sib-errors>
</rpc>
```

Description Show Switch Interface Board errors

Contents `<f13>`—Show SIB F13 errors
`<f2s>`—Show SIB F2S errors
`<sib-slot>`—SIB slot number

`<get-fm-sib-state-information>`

Usage

```
<rpc>
  <get-fm-sib-state-information/>
</rpc>
```

Description Show summary fabric management SIB state from Routing Engine

`<get-fm-state-information>`

Usage

```
<rpc>
  <get-fm-state-information/>
</rpc>
```

Description Show summary fabric management state

<get-fm-topology>

Usage

```
<rpc>
  <get-fm-topology>
    <plane>plane</plane>
  </get-fm-topology>
</rpc>
```

Description Show fabric topology for plane

Contents <plane>—Fabric plane number

<get-forwarding-table-information>

Usage

```
<rpc>
  <get-forwarding-table-information>
    <detail/>
    <extensive/>
    <multicast/>
    <family>family</family>
    <vpn>vpn</vpn>
    <table>table</table>
    <interface-name>interface-name</interface-name>
    <vlan>vlan</vlan>
    <bridge-domain>bridge-domain</bridge-domain>
    <summary/>
    <matching>matching</matching>
    <destination>destination</destination>
    <learning-vlan-id>learning-vlan-id</learning-vlan-id>
    <label>label</label>
    <ccc>ccc</ccc>
    <all/>
  </get-forwarding-table-information>
</rpc>
```

Description Show entries in all forwarding tables

Contents <detail>—Display all routes

- inet - IP version 4 (IPv4)
- inet6 - IP version 6 (IPv6)
- unix - UNIX
- iso - International Standards Organization protocol
- tnp - Trivial Network Protocol
- mpls - Multiprotocol Label Switching

- vpls - Virtual private LAN service
- bridge - Bridge (Layer 2 switching)
- vlan-classification - VLAN classification table
- ethernet-switching - Switch forwarding table
- fibre-channel - Fibre channel forwarding table
- fmembers - Fibre channel membership table

<extensive>—Display extensive information about routes

- inet - IP version 4 (IPv4)
- inet6 - IP version 6 (IPv6)
- unix - UNIX
- iso - International Standards Organization protocol
- tnp - Trivial Network Protocol
- mpls - Multiprotocol Label Switching
- vpls - Virtual private LAN service
- bridge - Bridge (Layer 2 switching)
- vlan-classification - VLAN classification table
- ethernet-switching - Switch forwarding table
- fibre-channel - Fibre channel forwarding table
- fmembers - Fibre channel membership table

<multicast>—Display multicast routes

- inet - IP version 4 (IPv4)
- inet6 - IP version 6 (IPv6)
- unix - UNIX
- iso - International Standards Organization protocol
- tnp - Trivial Network Protocol
- mpls - Multiprotocol Label Switching
- vpls - Virtual private LAN service
- bridge - Bridge (Layer 2 switching)
- vlan-classification - VLAN classification table
- ethernet-switching - Switch forwarding table
- fibre-channel - Fibre channel forwarding table
- fmembers - Fibre channel membership table

<family>—Name of family

- inet - IP version 4 (IPv4)
- inet6 - IP version 6 (IPv6)
- unix - UNIX
- iso - International Standards Organization protocol
- tnp - Trivial Network Protocol
- mpls - Multiprotocol Label Switching
- vpls - Virtual private LAN service
- bridge - Bridge (Layer 2 switching)
- vlan-classification - VLAN classification table
- ethernet-switching - Switch forwarding table
- fibre-channel - Fibre channel forwarding table
- fmembers - Fibre channel membership table

<vpn>—Name of VPN instance

<table>—Name of routing table

<interface-name>—Interface name

<vlan>—VLAN name

<bridge-domain>—Name of bridging domain

<summary>—Display count of routes instead of details

<matching>—IP prefix and length for entries to match

<destination>—Destination prefix

<learning-vlan-id>—Learning VLAN

<label>—Label for entries to match

<ccc>—Circuit cross-connect interface name for entries to match

<all>—Display all routing forwarding-tables

<get-fpc-feb-connectivity-information>

Usage

```
<rpc>  
<get-fpc-feb-connectivity-information/>  
</rpc>
```

Description Show connectivity between Flexible PIC Concentrators and Forwarding Engine boards

<get-fpc-information>

Usage

```
<rpc>
  <get-fpc-information>
    <device>device</device> <!-- mandatory -->
    <detail/>
    <fpc-slot>fpc-slot</fpc-slot>
  </get-fpc-information>
</rpc>
```

Description Show Flexible PIC Concentrator status

Contents <get-pic-information>—Show Physical Interface Cards installed in FPC

<device>—Device alias name or serial number

<detail>—Display detailed output

<fpc-slot>—FPC slot number

<get-fru-information>

Usage

```
<rpc>
  <get-fru-information/>
</rpc>
```

Description Show Line Card Chassis (LCC) status

<get-fru-power-on-sequence>

Usage

```
<rpc>
  <get-fru-power-on-sequence/>
</rpc>
```

Description Show chassis fru power on sequence

<get-fwdd-information>

Usage

```
<rpc>
  <get-fwdd-information/>
```

```
</rpc>
```

Description Show forwarding process (fwdd) status

<get-ggsn-apn-statistics-information>

Usage

```
<rpc>  
  <get-ggsn-apn-statistics-information>  
    <apn-name>apn-name</apn-name>  
  </get-ggsn-apn-statistics-information>  
</rpc>
```

Description Show access point name statistics

Contents <apn-name>—Name of APN

<get-ggsn-charging-statistics-information>

Usage

```
<rpc>  
  <get-ggsn-charging-statistics-information/>  
</rpc>
```

Description Show charging statistics

<get-ggsn-gtp-prime-statistics-information>

Usage

```
<rpc>  
  <get-ggsn-gtp-prime-statistics-information/>  
</rpc>
```

Description Show GPRS Tunneling Protocol Prime statistics

<get-ggsn-gtp-statistics-information>

Usage

```
<rpc>  
  <get-ggsn-gtp-statistics-information/>  
</rpc>
```

Description Show GPRS tunneling protocol statistics

<get-ggsn-imsi-trace>

Usage

```
<rpc>
  <get-ggsn-imsi-trace>
    <imsi-identifier>imsi-identifier</imsi-identifier> <!-- mandatory -->
  </get-ggsn-imsi-trace>
</rpc>
```

Description Show trace information for Identifier for International Mobile Subscriber Identity

Contents <imsi-identifier>—Identifier for IMSI

<get-ggsn-imsi-user-information>

Usage

```
<rpc>
  <get-ggsn-imsi-user-information>
    <imsi-identifier>imsi-identifier</imsi-identifier> <!-- mandatory -->
  </get-ggsn-imsi-user-information>
</rpc>
```

Description Show International Mobile Subscriber Identity statistics

Contents <imsi-identifier>—Identifier for IMSI

<get-ggsn-interface-information>

Usage

```
<rpc>
  <get-ggsn-interface-information/>
</rpc>
```

Description Show GGSN operational status information

<get-ggsn-l2tp-tunnel-statistics-information>

Usage

```
<rpc>
  <get-ggsn-l2tp-tunnel-statistics-information>
    <lac-address>lac-address</lac-address>
  </get-ggsn-l2tp-tunnel-statistics-information>
</rpc>
```

Description Show L2TP tunnel statistics

Contents <lac-address>—IP address of LAC

<get-ggsn-msisdn-trace>

Usage

```
<rpc>
  <get-ggsn-msisdn-trace>
    <msisdn-identifier>msisdn-identifier</msisdn-identifier> <!-- mandatory -->
  </get-ggsn-msisdn-trace>
</rpc>
```

Description Show trace information for Mobile Station Integrated Services Digital Network

Contents <msisdn-identifier>—Identifier for MSISDN

<get-ggsn-radius-statistics-information>

Usage

```
<rpc>
  <get-ggsn-radius-statistics-information/>
</rpc>
```

Description Show RADIUS statistics

<get-ggsn-sgsn-statistics-information>

Usage

```
<rpc>
  <get-ggsn-sgsn-statistics-information>
    <address>address</address>
  </get-ggsn-sgsn-statistics-information>
</rpc>
```

Description Show statistics for client Serving GPRS Support Node

Contents <address>—IP address and optional prefix length of SGSN

<get-ggsn-statistics>

Usage

```
<rpc>
  <get-ggsn-statistics>
  </get-ggsn-statistics>
</rpc>
```

Description Show GGSN statistics

Contents <get-ggsn-gtp-statistics-information>—Show GPRS tunneling protocol statistics
<get-ggsn-charging-statistics-information>—Show charging statistics
<get-ggsn-radius-statistics-information>—Show RADIUS statistics
<get-ggsn-gtp-prime-statistics-information>—Show GPRS Tunneling Protocol Prime statistics
<get-ggsn-imsi-user-information>—Show International Mobile Subscriber Identity statistics
<msisdn>—Show Mobile Station Integrated Services Digital Network statistics
<get-ggsn-apn-statistics-information>—Show access point name statistics
<get-ggsn-sgsn-statistics-information>—Show statistics for client Serving GPRS Support Node
<get-ggsn-l2tp-tunnel-statistics-information>—Show L2TP tunnel statistics

<get-ggsn-trace>

Usage

```
<rpc>  
  <get-ggsn-trace/>  
</rpc>
```

Description Show all trace information

<get-gre-ka-information>

Usage

```
<rpc>  
  <get-gre-ka-information>  
    <interface-name>interface-name</interface-name>  
  </get-gre-ka-information>  
</rpc>
```

Description Show GRE Keepalive information

Contents <interface-name>—Display information for this logical interface

<get-gx-plus-state-information>

Usage

```
<rpc>  
  <get-gx-plus-state-information/>
```

```
</rpc>
```

Description Show gx-plus state information

<get-gx-plus-statistics-information>

Usage

```
<rpc>  
  <get-gx-plus-statistics-information>  
    <brief/>  
    <detail/>  
    <extensive/>  
  </get-gx-plus-statistics-information>  
</rpc>
```

Description Show gx-plus statistics information

Contents <brief>—Show brief output (default)

<detail>—Show detailed output

<extensive>—Show extensive output

<get-gx-plus-sync-state-information>

Usage

```
<rpc>  
  <get-gx-plus-sync-state-information/>  
</rpc>
```

Description Show gx-plus sync-state information

<get-header-redirect-set-statistics-information>

Usage

```
<rpc>  
  <get-header-redirect-set-statistics-information>  
    <detail/>  
  </get-header-redirect-set-statistics-information>  
</rpc>
```

Description Show header redirect set statistics

Contents <detail>—Display detailed statistics

<get-health-monitor-alarm-information>

Usage

```
<rpc>
  <get-health-monitor-alarm-information>
  <brief/>
  <detail/>
</get-health-monitor-alarm-information>
</rpc>
```

Description Show health-monitor alarms

Contents <brief>—Display brief output (default)
 <detail>—Display detailed output

<get-health-monitor-information>

Usage

```
<rpc>
  <get-health-monitor-information>
</get-health-monitor-information>
</rpc>
```

Description Show health-monitoring information

Contents <get-health-monitor-alarm-information>—Show health-monitor alarms
 <get-health-monitor-log-information>—Show health-monitoring logs

<get-health-monitor-log-information>

Usage

```
<rpc>
  <get-health-monitor-log-information/>
</rpc>
```

Description Show health-monitoring logs

<get-history-results>

Usage

```
<rpc>
  <get-history-results>
  <brief/>
  <detail/>
```

```
<owner>owner</owner>
<test>test</test>
<since>since</since>
</get-history-results>
</rpc>
```

Description Show history results

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<owner>—Name of owner

<test>—Name of test

<since>—Show history since YYYY-MM-DD.HH:MM:SS

<get-idp-addos-application-information>

Usage

```
<rpc>
<get-idp-addos-application-information>
  <application-name>application-name</application-name>
  <context>context</context>
  <server>server</server>
  <zone>zone</zone>
  <detail/>
</get-idp-addos-application-information>
</rpc>
```

Description Show DDOS Application information

Contents <application-name>—Application name

<context>—Context name

<server>—Application server address

<zone>—Application server zone

<detail>—Show application details

<get-idp-application-system-cache>

Usage

```
<rpc>
<get-idp-application-system-cache/>
</rpc>
```

Description Show IDP application system cache

<get-idp-applications-information>

Usage

```
<rpc>
  <get-idp-applications-information/>
</rpc>
```

Description Show IDP application statistics

<get-idp-attack-table-information>

Usage

```
<rpc>
  <get-idp-attack-table-information/>
</rpc>
```

Description Show IDP attack table

<get-idp-counter-information>

Usage

```
<rpc>
  <get-idp-counter-information>
    <counter-class>counter-class</counter-class> <!-- mandatory -->
  </get-idp-counter-information>
</rpc>
```

Description Show IDP counters

Contents <counter-class>—Show IDP counters by counter class

<get-idp-detail-status-information>

Usage

```
<rpc>
  <get-idp-detail-status-information/>
</rpc>
```

Description Show IDP detail status

<get-idp-memory-information>

Usage

```
<rpc>
  <get-idp-memory-information/>
</rpc>
```

Description Show IDP data plane memory statistics

<get-idp-policy-commit-status>

Usage

```
<rpc>
  <get-idp-policy-commit-status>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <clear/>
  </get-idp-policy-commit-status>
</rpc>
```

Description Show the status of ongoing policy compilation and load

Contents <re0>—RE0

<re1>—RE1

<clear>—Clears the policy commit status

<get-idp-policy-template-information>

Usage

```
<rpc>
  <get-idp-policy-template-information/>
</rpc>
```

Description Show available policy templates

<get-idp-predefined-attack-filters>

Usage

```
<rpc>
  <get-idp-predefined-attack-filters>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <category>category</category>
  </get-idp-predefined-attack-filters>
</rpc>
```

```
<severity>severity</severity>
<direction>direction</direction>
</get-idp-predefined-attack-filters>
</rpc>
```

Description Configure filters

Contents <re0>—RE0

- info - Provide information of attack when it matches
- warning - The attack is a minor one
- minor - The attack is a minor one
- major - The attack is a major one
- critical - The attack is a critical one
- client-to-server - Select attacks from client to server
- server-to-client - Select attacks from server to client
- any - Select attacks which are in any direction
- exclude-client-to-server - Filter out attacks from client to server
- exclude-server-to-client - Filter out attacks from server to client
- exclude-any - Filter out attacks which are in any direction

<re1>—RE1

- info - Provide information of attack when it matches
- warning - The attack is a minor one
- minor - The attack is a minor one
- major - The attack is a major one
- critical - The attack is a critical one
- client-to-server - Select attacks from client to server
- server-to-client - Select attacks from server to client
- any - Select attacks which are in any direction
- exclude-client-to-server - Filter out attacks from client to server
- exclude-server-to-client - Filter out attacks from server to client
- exclude-any - Filter out attacks which are in any direction

<category>—Category of attack

- info - Provide information of attack when it matches
- warning - The attack is a minor one

- minor - The attack is a minor one
- major - The attack is a major one
- critical - The attack is a critical one
- client-to-server - Select attacks from client to server
- server-to-client - Select attacks from server to client
- any - Select attacks which are in any direction
- exclude-client-to-server - Filter out attacks from client to server
- exclude-server-to-client - Filter out attacks from server to client
- exclude-any - Filter out attacks which are in any direction

<severity>—Severity of attack

- info - Provide information of attack when it matches
- warning - The attack is a minor one
- minor - The attack is a minor one
- major - The attack is a major one
- critical - The attack is a critical one
- client-to-server - Select attacks from client to server
- server-to-client - Select attacks from server to client
- any - Select attacks which are in any direction
- exclude-client-to-server - Filter out attacks from client to server
- exclude-server-to-client - Filter out attacks from server to client
- exclude-any - Filter out attacks which are in any direction

<direction>—Direction of attack

- client-to-server - Select attacks from client to server
- server-to-client - Select attacks from server to client
- any - Select attacks which are in any direction
- exclude-client-to-server - Filter out attacks from client to server
- exclude-server-to-client - Filter out attacks from server to client
- exclude-any - Filter out attacks which are in any direction

<get-idp-predefined-attack-group-filters>

Usage

```
<rpc>  
  <get-idp-predefined-attack-group-filters>
```

```

    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <category>category</category>
  </get-idp-predefined-attack-group-filters>
</rpc>

```

Description Configure filters

Contents <re0>—RE0
 <re1>—RE1
 <category>—Category of attack group

<get-idp-predefined-attack-groups>

Usage

```

<rpc>
  <get-idp-predefined-attack-groups>
</get-idp-predefined-attack-groups>
</rpc>

```

Description Show predefined attack groups

Contents <get-idp-predefined-attack-group-filters>—Configure filters

<get-idp-predefined-attacks>

Usage

```

<rpc>
  <get-idp-predefined-attacks>
</get-idp-predefined-attacks>
</rpc>

```

Description Show predefined attacks

Contents <get-idp-predefined-attack-filters>—Configure filters

<get-idp-recent-security-package-information>

Usage

```

<rpc>
  <get-idp-recent-security-package-information>
  <re-selector-idpd>re-selector-idpd</re-selector-idpd>
  <re0/>
  <re1/>

```

```
</get-idp-recent-security-package-information>
</rpc>
```

Description List ten most recent security package versions

Contents <re0>—RE0
<re1>—RE1

<get-idp-security-package-information>

Usage

```
<rpc>
  <get-idp-security-package-information>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
  </get-idp-security-package-information>
</rpc>
```

Description Show the version of currently installed security-package

Contents <re0>—RE0
<re1>—RE1

<get-idp-ssl-key-information>

Usage

```
<rpc>
  <get-idp-ssl-key-information>
    <key-name>key-name</key-name>
  </get-idp-ssl-key-information>
</rpc>
```

Description Show SSL keys

Contents <key-name>—Key name

<get-idp-ssl-session-cache-information>

Usage

```
<rpc>
  <get-idp-ssl-session-cache-information/>
</rpc>
```


Description Session ID cache

<get-idp-status-information>

Usage

```
<rpc>
  <get-idp-status-information>
</get-idp-status-information>
</rpc>
```

Description Show IDP status

Contents <get-idp-detail-status-information>—Show IDP detail status

<get-idp-subscriber-policy-list>

Usage

```
<rpc>
  <get-idp-subscriber-policy-list/>
</rpc>
```

Description Show the list of currently installed policies

<get-igmp-group-information>

Usage

```
<rpc>
  <get-igmp-group-information>
    <logical-system>logical-system</logical-system>
    <terse/>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-igmp-group-information>
</rpc>
```

Description Show IGMP group members

Contents <logical-system>—Name of logical system, or 'all'

<terse>—Display terse output

<brief>—Display brief output (default)

<detail>—Display detailed output

<group-name>—Name of group

<get-igmp-interface-information>

Usage

```
<rpc>
  <get-igmp-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
  </get-igmp-interface-information>
</rpc>
```

Description Show IGMP interfaces

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<interface-name>—Name of interface

<get-igmp-output-group-information>

Usage

```
<rpc>
  <get-igmp-output-group-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-igmp-output-group-information>
</rpc>
```

Description Show IGMP output group members

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<group-name>—Name of group

<get-igmp-snooping-interface-information>

Usage

```
<rpc>
  <get-igmp-snooping-interface-information>
```

```

    <brief/>
    <detail/>
    <interface>interface</interface>
    <vlan-id>vlan-id</vlan-id>
    <instance>instance</instance>
    </get-igmp-snooping-interface-information>
  </rpc>

```

Description Show IGMP snooping interfaces

Contents

- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <interface>—Name of interface
- <vlan-id>—VLAN ID for a learning domain
- <instance>—Name of routing-instance
- <bridge-domain>—For a particular bridge-domain

<get-igmp-snooping-membership-information>

Usage

```

<rpc>
  <get-igmp-snooping-membership-information>
    <brief/>
    <detail/>
    <group>group</group>
    <interface>interface</interface>
    <vlan-id>vlan-id</vlan-id>
    <instance>instance</instance>
  </get-igmp-snooping-membership-information>
</rpc>

```

Description Show IGMP snooping group membership

Contents

- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <group>—IP address range for group
- <interface>—Name of interface
- <vlan-id>—VLAN ID for a learning domain
- <instance>—Name of routing-instance
- <bridge-domain>—For a particular bridge-domain

<get-igmp-snooping-statistics-information>

Usage

```
<rpc>
  <get-igmp-snooping-statistics-information>
    <interface>interface</interface>
    <vlan-id>vlan-id</vlan-id>
    <instance>instance</instance>
  </get-igmp-snooping-statistics-information>
</rpc>
```

Description Show IGMP snooping statistics

Contents <interface>—Name of interface

<vlan-id>—VLAN ID for a learning domain

<instance>—Name of routing-instance

<bridge-domain>—For a particular bridge-domain

<get-igmp-statistics-information>

Usage

```
<rpc>
  <get-igmp-statistics-information>
    <logical-system>logical-system</logical-system>
    <interface>interface</interface>
  </get-igmp-statistics-information>
</rpc>
```

Description Show IGMP statistics

Contents <logical-system>—Name of logical system, or 'all'

<interface>—Name of interface

<get-ingress-replication-information>

Usage

```
<rpc>
  <get-ingress-replication-information>
    <logical-system>logical-system</logical-system>
    <mvpn/>
    <tunnel-name>tunnel-name</tunnel-name>
  </get-ingress-replication-information>
</rpc>
```

| | |
|--------------------|---|
| Description | Show Ingress-Replication tunnel information |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><mvpn>—MVPN ingress-replication tunnels</p> <p><tunnel-name>—Name of Ingress-Replication tunnel</p> |

<get-instance-information>

Usage

```

<rpc>
  <get-instance-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <summary/>
    <brief/>
    <detail/>
    <instance-name>instance-name</instance-name>
  </get-instance-information>
</rpc>

```

| | |
|--------------------|---|
| Description | Show routing instances information |
| Contents | <p><logical-system>—Name of logical system, or 'all'</p> <p><fabric>—Internal fabric state</p> <p><summary>—Display summary output</p> <p><brief>—Display brief output (default)</p> <p><detail>—Display detailed output</p> <p><instance-name>—Particular instance name</p> <p><get-operational-routing-instance-information>—Show operational routing instances</p> |

<get-interface-filter-information>

Usage

```

<rpc>
  <get-interface-filter-information>
    <interface-name>interface-name</interface-name>
  </get-interface-filter-information>
</rpc>

```

| | |
|--------------------|------------------------------------|
| Description | Show interface filters information |
|--------------------|------------------------------------|

Contents <interface-name>—Name of physical or logical interface

<get-interface-information>

Usage

```
<rpc>
  <get-interface-information>
    <routing-instance>routing-instance</routing-instance>
    <extensive/>
    <statistics/>
    <media/>
    <detail/>
    <terse/>
    <brief/>
    <descriptions/>
    <snmp-index>snmp-index</snmp-index>
    <switch-port>switch-port</switch-port>
    <interface-name>interface-name</interface-name>
  </get-interface-information>
</rpc>
```

Description Show interface information

Contents <routing>—Show routing status

- all - All instances
- instance-name - Instance name

<mc-ae>—Show MC-AE configured interface information

- all - All instances
- instance-name - Instance name

<routing-instance>—Name of routing instance

- all - All instances
- instance-name - Instance name

<controller>—Show controller information

<interface-set>—Show interface set information

<interval>—Show interval statistics

<far-end-interval>—Show far end interval statistics

<get-mac-database>—Show media access control database information

<get-interface-queue-information>—Show queue statistics for this interface

<get-interface-filter-information>—Show interface filters information

<get-interface-policer-information>—Show interface policers information
 <diagnostics>—Show interface diagnostics information
 <extensive>—Display extensive output
 <statistics>—Display statistics and detailed output
 <media>—Display media information
 <detail>—Display detailed output
 <terse>—Display terse output
 <brief>—Display brief output
 <descriptions>—Display interface description strings
 <get-destination-class-statistics>—Show statistics for destination class
 <get-source-class-statistics>—Show statistics for source class
 <snmp-index>—SNMP index of interface
 <switch-port>—Front end port number
 <interface-name>—Name of physical or logical interface
 <redundancy>—Show redundancy status

<get-interface-location-information>

Usage

```

<rpc>
  <get-interface-location-information>
    <lcc>lcc</lcc> <!-- mandatory -->
    <fpc>fpc</fpc> <!-- mandatory -->
  </get-interface-location-information>
</rpc>

```

Description Show interface name given location

Contents <lcc>—LCC number
 <fpc>—FPC number

<get-interface-location-name-information>

Usage

```

<rpc>
  <get-interface-location-name-information>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </get-interface-location-name-information>
</rpc>

```

```
</get-interface-location-name-information>
</rpc>
```

Description Show physical location given interface name

Contents <interface-name>—Interface name

<get-interface-optics-diagnostics-information>

Usage

```
<rpc>
<get-interface-optics-diagnostics-information>
  <interface-name>interface-name</interface-name>
</get-interface-optics-diagnostics-information>
</rpc>
```

Description Show interface optics-diagnostics information

Contents <interface-name>—Name of physical interface

<get-interface-policer-information>

Usage

```
<rpc>
<get-interface-policer-information>
  <interface-name>interface-name</interface-name>
</get-interface-policer-information>
</rpc>
```

Description Show interface policers information

Contents <interface-name>—Name of physical or logical interface

<get-interface-queue-information>

Usage

```
<rpc>
<get-interface-queue-information>
  <forwarding-class>forwarding-class</forwarding-class>
  <ingress/>
  <egress/>
  <both-ingress-egress/>
  <aggregate/>
  <remaining-traffic/>
  <source-chassis>source-chassis</source-chassis>
  <source-fpc>source-fpc</source-fpc>
  <interface-name>interface-name</interface-name>
```



```

    </get-interface-queue-information>
  </rpc>

```

Description Show queue statistics for this interface

Contents

- <forwarding-class>—Name of forwarding class
- <ingress>—Display ingress queue statistics
- <egress>—Display egress queue statistics
- <both-ingress-egress>—Display both ingress and egress queue statistics
- <aggregate>—Display aggregate queue statistics
- <remaining-traffic>—Display remaining-traffic queue statistics
- <source-chassis>—Source chassis name for which to show details
- <source-fpc>—Source FPC for which to show details
- <interface-name>—Name of physical interface

<get-interface-set-queue-information>

Usage

```

<rpc>
  <get-interface-set-queue-information>
    <forwarding-class>forwarding-class</forwarding-class>
    <ingress/>
    <egress/>
    <both-ingress-egress/>
    <aggregate/>
    <remaining-traffic/>
    <interface-set-name>interface-set-name</interface-set-name>
  </get-interface-set-queue-information>
</rpc>

```

Description Show queue statistics for this interface-set

Contents

- <forwarding-class>—Name of forwarding class
- <ingress>—Display ingress queue statistics
- <egress>—Display egress queue statistics
- <both-ingress-egress>—Display both ingress and egress queue statistics
- <aggregate>—Display aggregate queue statistics
- <remaining-traffic>—Display remaining-traffic queue statistics

<interface-set-name>—Name of interface set

<get-ioc-npc-connectivity-information>

Usage

```
<rpc>
  <get-ioc-npc-connectivity-information/>
</rpc>
```

Description Show connectivity between IOC and NPC

<get-ip-mip-binding-information>

Usage

```
<rpc>
  <get-ip-mip-binding-information>
    <ip-address>ip-address</ip-address> <!-- mandatory -->
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-ip-mip-binding-information>
</rpc>
```

Description Show binding detail based on IP address

Contents <ip-address>—Show binding detail based on IP address

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-ipv6-nd-information>

Usage

```
<rpc>
  <get-ipv6-nd-information/>
</rpc>
```

Description Show IPv6 neighbor cache information

<get-ipv6-ra-information>

Usage

```
<rpc>
  <get-ipv6-ra-information>
    <logical-system>logical-system</logical-system>
    <interface>interface</interface>
    <conflicts/>
  </get-ipv6-ra-information>
</rpc>
```

```

    <prefix>prefix</prefix>
    <virtual-router/>
  </get-ipv6-ra-information>
</rpc>

```

Description Show IPv6 router advertisement information

Contents <logical-system>—Name of logical system, or 'all'

<interface>—Name of interface

<conflicts>—Display conflicting information

<prefix>—Prefix and optional prefix length

<virtual-router>—Display only virtual-interface information

<get-isis-adjacency-information>

Usage

```

<rpc>
  <get-isis-adjacency-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <system-id>system-id</system-id>
  </get-isis-adjacency-information>
</rpc>

```

Description Show IS-IS adjacency database

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of IS-IS instance

<system-id>—System ID of intermediate system

<get-isis-authentication-information>

Usage

```

<rpc>
  <get-isis-authentication-information>

```

```
<logical-system>logical-system</logical-system>
<instance>instance</instance>
</get-isis-authentication-information>
</rpc>
```

Description Show IS-IS authentication information

Contents <logical-system>—Name of logical system, or 'all'
<instance>—Name of IS-IS instance

<get-isis-backup-coverage-information>

Usage

```
<rpc>
<get-isis-backup-coverage-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
</get-isis-backup-coverage-information>
</rpc>
```

Description Show IS-IS backup coverage

Contents <logical-system>—Name of logical system, or 'all'
<instance>—Name of IS-IS instance

<get-isis-backup-lsp-information>

Usage

```
<rpc>
<get-isis-backup-lsp-information>
<logical-system>logical-system</logical-system>
</get-isis-backup-lsp-information>
</rpc>
```

Description Show IS-IS MPLS backup LSP information

Contents <logical-system>—Name of logical system, or 'all'

<get-isis-backup-spf-results-information>

Usage

```
<rpc>
<get-isis-backup-spf-results-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
```

```

    <level>level</level>
    <no-coverage/>
    <topology>topology</topology>
    </get-isis-backup-spf-results-information>
  </rpc>

```

Description Show results from backup SPF runs

Contents <logical-system>—Name of logical system, or 'all'

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<instance>—IS-IS instance

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<level>—Number of IS-IS level

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<no-coverage>—Destinations with no backup coverage

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<topology>—Name of topology

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<get-isis-context-identifier-information>

Usage

```
<rpc>
  <get-isis-context-identifier-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <instance>instance</instance>
  </get-isis-context-identifier-information>
</rpc>
```

Description Show IS-IS context-identifier information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<instance>—Name of IS-IS instance

<get-isis-context-identifier-origin-information>—Show IS-IS context-identifier information

<get-isis-context-identifier-origin-information>

Usage

```
<rpc>
  <get-isis-context-identifier-origin-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <id_addr>id_addr</id_addr> <!-- mandatory -->
    <instance>instance</instance>
  </get-isis-context-identifier-origin-information>
</rpc>
```

Description Show IS-IS context-identifier information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<id_addr>—Context identifier address of session

<instance>—Name of IS-IS instance

<get-isis-database-information>

Usage

```

<rpc>
  <get-isis-database-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <level>level</level>
    <system-id>system-id</system-id>
  </get-isis-database-information>
</rpc>

```

Description Show IS-IS link-state database

Contents

- <logical-system>—Name of logical system, or 'all'
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <extensive>—Display extensive output
- <instance>—Name of IS-IS instance
- <level>—Number of IS-IS level
- <system-id>—System ID of IS

<get-isis-hostname-information>

Usage

```

<rpc>
  <get-isis-hostname-information>
    <logical-system>logical-system</logical-system>
  </get-isis-hostname-information>
</rpc>

```

Description Show IS-IS hostname database

Contents <logical-system>—Name of logical system, or 'all'

<get-isis-interface-information>

Usage

```

<rpc>
  <get-isis-interface-information>

```

```
<logical-system>logical-system</logical-system>
<brief/>
<detail/>
<extensive/>
<instance>instance</instance>
<interface-name>interface-name</interface-name>
</get-isis-interface-information>
</rpc>
```

Description Show IS-IS interface information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of IS-IS instance

<interface-name>—Name of interface

<get-isis-overview-information>

Usage

```
<rpc>
<get-isis-overview-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
</get-isis-overview-information>
</rpc>
```

Description Show overview of IS-IS information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of IS-IS instance

<get-isis-route-information>

Usage

```
<rpc>
<get-isis-route-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
<destination>destination</destination>
<inet/>
<inet6/>
<iso/>
```



```

    <topology>topology</topology>
  </get-isis-route-information>
</rpc>

```

Description Show IS-IS routing table

Contents <logical-system>—Name of logical system, or 'all'

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<instance>—Name of IS-IS instance

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<destination>—IP address and optional prefix length of destination

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<inet>—Display IPv4 routes

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<inet6>—Display IPv6 routes

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<iso>—Display CLNS routes

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<topology>—Name of topology from which routes were learned

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<get-isis-spf-log-information>

Usage

```
<rpc>
  <get-isis-spf-log-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <level>level</level>
    <topology>topology</topology>
  </get-isis-spf-log-information>
</rpc>
```

Description Show log of SPF runs

Contents <logical-system>—Name of logical system, or 'all'

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<instance>—Name of IS-IS instance

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<level>—Number of IS-IS level

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology

- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<topology>—Name of topology

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<get-isis-spf-results-brief-information>

Usage

```
<rpc>
<get-isis-spf-results-brief-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
<level>level</level>
<topology>topology</topology>
</get-isis-spf-results-brief-information>
</rpc>
```

Description Show brief summary of SPF results

Contents <logical-system>—Name of logical system, or 'all'

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<instance>—Name of IS-IS instance

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<level>—Number of level

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<topology>—Name of topology

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<get-isis-spf-results-information>

Usage

```
<rpc>
  <get-isis-spf-results-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <level>level</level>
    <topology>topology</topology>
  </get-isis-spf-results-information>
</rpc>
```

Description Show results from SPF runs

Contents <logical-system>—Name of logical system, or 'all'

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<instance>—IS-IS instance

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<level>—Number of IS-IS level

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<topology>—Name of topology

- unicast - Unicast topology
- ipv4-multicast - IPv4 multicast topology
- ipv6-unicast - IPv6 unicast topology
- ipv6-multicast - IPv6 multicast topology

<get-isis-statistics-information>

Usage

```
<rpc>
  <get-isis-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-isis-statistics-information>
</rpc>
```

Description Show IS-IS performance statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of IS-IS instance

<get-l2ckt-connection-information>

Usage

```
<rpc>
  <get-l2ckt-connection-information>
    <logical-system>logical-system</logical-system>
    <neighbor>neighbor</neighbor>
    <interface>interface</interface>
    <down/>
    <up/>
    <up-down/>
    <brief/>
    <extensive/>
    <history/>
    <status/>
    <summary/>
  </get-l2ckt-connection-information>
</rpc>
```

Description Show the Layer 2 circuit connections

Contents <logical-system>—Name of logical system, or 'all'

<neighbor>—IP address of neighbor

<interface>—Name of interface

<down>—Display nonoperational connections

<up>—Display operational connections

<up-down>—Display both operational and nonoperational connections (default)

<brief>—Display one-line version of output

<extensive>—Display connection status and history

<history>—Display connection history

<status>—Display connection and interface status (default)

<summary>—Display summary output

<get-l2tp-destination-information>

Usage

```
<rpc>
  <get-l2tp-destination-information>
    <extensive/>
    <brief/>
    <detail/>
    <filter>filter</filter>
    <local-gateway>local-gateway</local-gateway>
    <peer-gateway>peer-gateway</peer-gateway>
  </get-l2tp-destination-information>
</rpc>
```

Description Show active L2TP destination list

Contents <extensive>—Display extensive output

<brief>—Display brief output (default)

<detail>—Display detailed output

<local-gateway>—Local gateway address to use as filter

<peer-gateway>—Peer gateway address to use as filter

<get-l2tp-multilink-information>

Usage

```
<rpc>
  <get-l2tp-multilink-information>
    <extensive/>
    <brief/>
    <detail/>
    <statistics/>
    <filter>filter</filter>
```

```

    <bundle-id>bundle-id</bundle-id>
  </get-l2tp-multilink-information>
</rpc>

```

Description Show active L2TP multilink list

Contents

- <extensive>—Display extensive output
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <statistics>—Display statistics
- <bundle-id>—Filter by multilink bundle ID

<get-l2tp-session-information>

Usage

```

<rpc>
  <get-l2tp-session-information>
    <extensive/>
    <brief/>
    <detail/>
    <statistics/>
    <filter>filter</filter>
    <tunnel-group>tunnel-group</tunnel-group>
    <local-tunnel-id>local-tunnel-id</local-tunnel-id>
    <interface>interface</interface>
    <local-gateway>local-gateway</local-gateway>
    <local-gateway-name>local-gateway-name</local-gateway-name>
    <peer-gateway>peer-gateway</peer-gateway>
    <peer-gateway-name>peer-gateway-name</peer-gateway-name>
    <local-session-id>local-session-id</local-session-id>
    <user>user</user>
  </get-l2tp-session-information>
</rpc>

```

Description Show active L2TP session list

Contents

- <extensive>—Display extensive output
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <statistics>—Display statistics
- <tunnel-group>—Tunnel group to use as filter
- <local-tunnel-id>—Local tunnel ID to use as filter

<interface>—Interface name to use as filter

<local-gateway>—Local gateway address to use as filter

<local-gateway-name>—Local gateway name to use as filter

<peer-gateway>—Peer gateway address to use as filter

<peer-gateway-name>—Peer gateway name to use as filter

<local-session-id>—Local session ID to use as filter

<user>—Username to use as filter

<get-l2tp-summary-information>

Usage

```
<rpc>
  <get-l2tp-summary-information>
    <interface>interface</interface>
  </get-l2tp-summary-information>
</rpc>
```

Description Show L2TP summary information

Contents <interface>—Name of adaptive services interface

<get-l2tp-tunnel-information>

Usage

```
<rpc>
  <get-l2tp-tunnel-information>
    <extensive/>
    <brief/>
    <detail/>
    <statistics/>
    <filter>filter</filter>
    <tunnel-group>tunnel-group</tunnel-group>
    <local-tunnel-id>local-tunnel-id</local-tunnel-id>
    <interface>interface</interface>
    <local-gateway>local-gateway</local-gateway>
    <local-gateway-name>local-gateway-name</local-gateway-name>
    <peer-gateway>peer-gateway</peer-gateway>
    <peer-gateway-name>peer-gateway-name</peer-gateway-name>
  </get-l2tp-tunnel-information>
</rpc>
```

Description Show active L2TP tunnel list

Contents <extensive>—Display extensive output

<brief>—Display brief output (default)

<detail>—Display detailed output

<statistics>—Display statistics

<tunnel-group>—Tunnel group to use as filter

<local-tunnel-id>—Local tunnel ID to use as filter

<interface>—Interface name to use as filter

<local-gateway>—Local gateway address to use as filter

<local-gateway-name>—Local gateway name to use as filter

<peer-gateway>—Peer gateway address to use as filter

<peer-gateway-name>—Peer gateway name to use as filter

<get-l2vpn-connection-information>

Usage

```
<rpc>
  <get-l2vpn-connection-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <local-site>local-site</local-site>
    <remote-site>remote-site</remote-site>
    <down/>
    <up/>
    <up-down/>
    <brief/>
    <extensive/>
    <history/>
    <status/>
    <summary/>
  </get-l2vpn-connection-information>
</rpc>
```

Description Show Layer 2 VPN connections information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of Layer 2 VPN instance

<local-site>—Name or ID of Layer 2 VPN local site

<remote-site>—ID of Layer 2 VPN remote site

<down>—Display nonoperational connections

<up>—Display operational connections

<up-down>—Display both non- and operational connections (default)

<brief>—Display one-line version of output

<extensive>—Display connection status and history

<history>—Display connection history

<status>—Display connection and circuit status (default)

<summary>—Display summary output

<get-lacp-interface-information>

Usage

```
<rpc>
  <get-lacp-interface-information>
    <interface-name>interface-name</interface-name>
  </get-lacp-interface-information>
</rpc>
```

Description Show LACP interfaces information

Contents <interface-name>—Name of interface

<get-lacp-interface-statistics>

Usage

```
<rpc>
  <get-lacp-interface-statistics>
    <interface-name>interface-name</interface-name>
  </get-lacp-interface-statistics>
</rpc>
```

Description Show LACP interface statistics

Contents <interface-name>—Name of interface

<get-ldp-database-information>

Usage

```
<rpc>
  <get-ldp-database-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <session>session</session>
```

```

    <inet/>
    <l2circuit/>
  </get-ldp-database-information>
</rpc>

```

Description Show LDP label database

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<session>—IP address of session destination

<inet>—Display IPv4 bindings

<l2circuit>—Display Layer 2 circuit bindings

<get-ldp-fec-filters-information>

Usage

```

<rpc>
  <get-ldp-fec-filters-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <fec>fec</fec>
  </get-ldp-fec-filters-information>
</rpc>

```

Description Show filters for forwarding equivalence classes

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of LDP routing instance

<fec>—Forwarding equivalence class

<get-ldp-interface-information>

Usage

```

<rpc>
  <get-ldp-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>

```

```
<extensive/>
<instance>instance</instance>
<interface-name>interface-name</interface-name>
</get-ldp-interface-information>
</rpc>
```

Description Show LDP interface status

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<interface-name>—Name of interface

<get-ldp-neighbor-information>

Usage

```
<rpc>
  <get-ldp-neighbor-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <neighbor>neighbor</neighbor>
  </get-ldp-neighbor-information>
</rpc>
```

Description Show LDP neighbor status

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<neighbor>—IP address of the neighbor

<get-ldp-path-information>

Usage

```

<rpc>
  <get-ldp-path-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <destination>destination</destination>
  </get-ldp-path-information>
</rpc>

```

Description Show LDP path table

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<destination>—IP address and optional prefix length of destination

<get-ldp-route-information>

Usage

```

<rpc>
  <get-ldp-route-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <destination>destination</destination>
  </get-ldp-route-information>
</rpc>

```

Description Show LDP internal topology table

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<destination>—IP address and optional prefix length of destination

<get-ldp-session-information>

Usage

```
<rpc>
  <get-ldp-session-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <instance>instance</instance>
    <destination>destination</destination>
  </get-ldp-session-information>
</rpc>
```

Description Show LDP session status

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<instance>—Name of LDP routing instance

<destination>—IP address of session destination

<get-ldp-statistics-information>

Usage

```
<rpc>
  <get-ldp-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-ldp-statistics-information>
</rpc>
```

Description Show LDP statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of LDP routing instance

<get-ldp-traffic-statistics-information>

Usage

```

<rpc>
  <get-ldp-traffic-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <p2mp/>
  </get-ldp-traffic-statistics-information>
</rpc>

```

Description Show packet statistics for LDP label-switched paths

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of LDP routing instance

<p2mp>—Point to multipoint label-switched paths

<get-lfmd-information>

Usage

```

<rpc>
  <get-lfmd-information>
    <detail/>
    <brief/>
    <interface-name>interface-name</interface-name>
  </get-lfmd-information>
</rpc>

```

Description Show link-fault-management information

Contents <detail>—Display detailed data

<brief>—Display brief data (default)

<interface-name>—Name of physical interface

<get-license-information>

Usage

```

<rpc>
  <get-license-information/>
</rpc>

```

Description Show installed feature licenses

<get-license-key-information>

Usage

```
<rpc>
  <get-license-key-information/>
</rpc>
```

Description Show license keys

<get-license-summary-information>

Usage

```
<rpc>
  <get-license-summary-information>
  </get-license-summary-information>
</rpc>
```

Description Show feature licenses information

Contents <get-license-information>—Show installed feature licenses

<get-license-key-information>—Show license keys

<get-license-usage-summary>—Show licensed features

<get-license-usage-summary>

Usage

```
<rpc>
  <get-license-usage-summary/>
</rpc>
```

Description Show licensed features

<get-link-services-cpu-usage>

Usage

```
<rpc>
  <get-link-services-cpu-usage>
  <interface>interface</interface> <!-- mandatory -->
  <brief/>
  <detail/>
  </get-link-services-cpu-usage>
</rpc>
```


Description Show cpu usage as a percentage for the specified PIC

Contents <interface>—Name of link services interface
<brief>—Display brief output (1 and 5 second average)
<detail>—Display detailed output (per cpu average)

<get-lldp-information>

Usage

```
<rpc>  
  <get-lldp-information>  
  </get-lldp-information>  
</rpc>
```

Description Show Link Layer Discovery Protocol information

Contents <get-lldp-information-detail>—Show detailed LLDP information
<get-lldp-neighbors-information>—Show LLDP neighbor information
<get-lldp-statistics-information>—Show LLDP statistics
<get-lldp-local-info>—Show LLDP information of local device
<get-lldp-remote-global-statistics>—Show LLDP remote global statistics information

<get-lldp-information-detail>

Usage

```
<rpc>  
  <get-lldp-information-detail/>  
</rpc>
```

Description Show detailed LLDP information

<get-lldp-local-info>

Usage

```
<rpc>  
  <get-lldp-local-info/>  
</rpc>
```

Description Show LLDP information of local device

<get-lldp-neighbors-information>

Usage

```
<rpc>  
  <get-lldp-neighbors-information>  
  </get-lldp-neighbors-information>  
</rpc>
```

Description Show LLDP neighbor information

Contents <interface>—Show LLDP neighbors on this interface

<get-lldp-remote-global-statistics>

Usage

```
<rpc>  
  <get-lldp-remote-global-statistics/>  
</rpc>
```

Description Show LLDP remote global statistics information

<get-lldp-statistics-information>

Usage

```
<rpc>  
  <get-lldp-statistics-information>  
  </get-lldp-statistics-information>  
</rpc>
```

Description Show LLDP statistics

Contents <interface>—Show LLDP statistics for this interface

<get-lm-information>

Usage

```
<rpc>  
  <get-lm-information>  
  </get-lm-information>  
</rpc>
```

Description Show link management information

Contents <get-lm-peer-information>—Show peer information

<get-lm-te-link-information>—Show traffic engineering links information

<get-lm-statistics-information>—Show link management statistics

<get-lm-routing-information>—Show link management information for routing

<get-lm-peer-information>

Usage

```
<rpc>
  <get-lm-peer-information>
    <peer-name>peer-name</peer-name>
  </get-lm-peer-information>
</rpc>
```

Description Show peer information

Contents <peer-name>—Name of peer

<get-lm-peer-statistics>

Usage

```
<rpc>
  <get-lm-peer-statistics>
    <peer-name>peer-name</peer-name>
  </get-lm-peer-statistics>
</rpc>
```

Description Show link management statistics for a peer

Contents <peer-name>—Name of peer

<get-lm-routing-information>

Usage

```
<rpc>
  <get-lm-routing-information>
  </get-lm-routing-information>
</rpc>
```

Description Show link management information for routing

Contents <get-lm-routing-peer-information>—Show peer information

<get-lm-routing-te-link-information>—Show traffic engineering links information

<get-lm-routing-resource-information>—Show resource information

<get-lm-routing-peer-information>

Usage

```
<rpc>
  <get-lm-routing-peer-information>
    <peer-name>peer-name</peer-name>
  </get-lm-routing-peer-information>
</rpc>
```

Description Show peer information

Contents <peer-name>—Name of peer

<get-lm-routing-resource-information>

Usage

```
<rpc>
  <get-lm-routing-resource-information>
    <resource-name>resource-name</resource-name>
  </get-lm-routing-resource-information>
</rpc>
```

Description Show resource information

Contents <resource-name>—Name of resource

<get-lm-routing-te-link-information>

Usage

```
<rpc>
  <get-lm-routing-te-link-information>
    <brief/>
    <detail/>
    <link-name>link-name</link-name>
  </get-lm-routing-te-link-information>
</rpc>
```

Description Show traffic engineering links information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<link-name>—Name of traffic engineering link

<get-lm-statistics-information>

Usage

```
<rpc>
  <get-lm-statistics-information>
</get-lm-statistics-information>
</rpc>
```

Description Show link management statistics

Contents <get-lm-peer-statistics>—Show link management statistics for a peer

<get-lm-te-link-information>

Usage

```
<rpc>
  <get-lm-te-link-information>
  <brief/>
  <detail/>
  <link-name>link-name</link-name>
</get-lm-te-link-information>
</rpc>
```

Description Show traffic engineering links information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<link-name>—Name of traffic engineering link

<get-mac-database>

Usage

```
<rpc>
  <get-mac-database>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
  <mac-address>mac-address</mac-address>
</get-mac-database>
</rpc>
```

Description Show media access control database information

Contents <interface-name>—Name of physical or logical interface

<mac-address>—MAC address

<get-mip-binding-information>

Usage

```
<rpc>
  <get-mip-binding-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-mip-binding-information>
</rpc>
```

Description Show binding information

Contents <routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-nai-mip-binding-information>—Show binding detail based on nai

<get-ip-mip-binding-information>—Show binding detail based on IP address

<get-summary-mip-binding-information>—Show summary of binding table

<get-mip-ha-interface-information>

Usage

```
<rpc>
  <get-mip-ha-interface-information>
    <interface-name>interface-name</interface-name>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-mip-ha-interface-information>
</rpc>
```

Description Show home-agent details on the interfaces it is running

Contents <interface-name>—Show home-agent details based on interface

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-mip-ha-overview-information>

Usage

```
<rpc>
  <get-mip-ha-overview-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-mip-ha-overview-information>
```

</rpc>

Description Show overview

Contents <routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<get-mip-ha-traffic-information>

Usage

```
<rpc>  
  <get-mip-ha-traffic-information>  
    <routing-instance>routing-instance</routing-instance>  
    <logical-system>logical-system</logical-system>  
  </get-mip-ha-traffic-information>  
</rpc>
```

Description Show traffic information

Contents <routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<get-mip-ha-virtual-network-information>

Usage

```
<rpc>  
  <get-mip-ha-virtual-network-information>  
    <routing-instance>routing-instance</routing-instance>  
    <logical-system>logical-system</logical-system>  
  </get-mip-ha-virtual-network-information>  
</rpc>
```

Description Show virtual network related information

Contents <routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<get-mip-wimax-release-information>

Usage

```
<rpc>  
  <get-mip-wimax-release-information>  
    <routing-instance>routing-instance</routing-instance>  
    <logical-system>logical-system</logical-system>
```

```
</get-mip-wimax-release-information>
</rpc>
```

Description Show WiMAX release supported by Mobile IP

Contents <routing-instance>—Name of routing instance
<logical-system>—Name of logical system

<get-mld-group-information>

Usage

```
<rpc>
  <get-mld-group-information>
    <logical-system>logical-system</logical-system>
    <terse/>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-mld-group-information>
</rpc>
```

Description Show MLD group members

Contents <logical-system>—Name of logical system, or 'all'
<terse>—Display terse output
<brief>—Display brief output (default)
<detail>—Display detailed output
<group-name>—Name of group

<get-mld-interface-information>

Usage

```
<rpc>
  <get-mld-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
  </get-mld-interface-information>
</rpc>
```

Description Show MLD interfaces

Contents <logical-system>—Name of logical system, or 'all'

 <brief>—Display brief output (default)

 <detail>—Display detailed output

 <interface-name>—Name of interface

<get-mld-output-group-information>

Usage

```
<rpc>
  <get-mld-output-group-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <group-name>group-name</group-name>
  </get-mld-output-group-information>
</rpc>
```

Description Show MLD output group members

Contents <logical-system>—Name of logical system, or 'all'

 <brief>—Display brief output (default)

 <detail>—Display detailed output

 <group-name>—Name of group

<get-mld-statistics-information>

Usage

```
<rpc>
  <get-mld-statistics-information>
    <logical-system>logical-system</logical-system>
    <interface>interface</interface>
  </get-mld-statistics-information>
</rpc>
```

Description Show MLD statistics

Contents <logical-system>—Name of logical system, or 'all'

 <interface>—Name of interface

<get-mpls-admin-group-extended-information>

Usage

```
<rpc>
  <get-mpls-admin-group-extended-information>
    <logical-system>logical-system</logical-system>
  </get-mpls-admin-group-extended-information>
</rpc>
```

Description Show MPLS extended administrative groups

Contents <logical-system>—Name of logical system, or 'all'

<get-mpls-admin-group-information>

Usage

```
<rpc>
  <get-mpls-admin-group-information>
    <logical-system>logical-system</logical-system>
  </get-mpls-admin-group-information>
</rpc>
```

Description Show MPLS administrative groups

Contents <logical-system>—Name of logical system, or 'all'

<get-mpls-call-admission-control-information>

Usage

```
<rpc>
  <get-mpls-call-admission-control-information>
    <logical-system>logical-system</logical-system>
    <lsp-name>lsp-name</lsp-name>
  </get-mpls-call-admission-control-information>
</rpc>
```

Description Show CAC information for MPLS LSPs

Contents <logical-system>—Name of logical system, or 'all'
<lsp-name>—Name of LSP

<get-mpls-context-identifier-information>

Usage

```
<rpc>
```

```

<get-mpls-context-identifier-information>
<logical-system>logical-system</logical-system>
<primary/>
<protector/>
<brief/>
<detail/>
<id>id</id>
</get-mpls-context-identifier-information>
</rpc>

```

Description Show configured egress protection context identifiers

Contents <logical-system>—Name of logical system, or 'all'

<primary>—Display primary context identifier(s)

<protector>—Display protector context identifier(s)

<brief>—Display brief output (default)

<detail>—Display detailed output

<id>—Identifier

<get-mpls-cspf-information>

Usage

```

<rpc>
<get-mpls-cspf-information>
<logical-system>logical-system</logical-system>
</get-mpls-cspf-information>
</rpc>

```

Description Show Constrained Shortest Path First statistics

Contents <logical-system>—Name of logical system, or 'all'

<get-mpls-diffserv-te-information>

Usage

```

<rpc>
<get-mpls-diffserv-te-information>
<logical-system>logical-system</logical-system>
</get-mpls-diffserv-te-information>
</rpc>

```

Description Show MPLS Differentiated Services traffic engineering global properties

Contents <logical-system>—Name of logical system, or 'all'

<get-mpls-interface-information>

Usage

```
<rpc>
  <get-mpls-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-mpls-interface-information>
</rpc>
```

Description Show MPLS interfaces

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-mpls-lsp-defaults-information>

Usage

```
<rpc>
  <get-mpls-lsp-defaults-information>
    <logical-system>logical-system</logical-system>
  </get-mpls-lsp-defaults-information>
</rpc>
```

Description Display LSP defaults

Contents <logical-system>—Name of logical system, or 'all'

<get-mpls-lsp-information>

Usage

```
<rpc>
  <get-mpls-lsp-information>
    <logical-system>logical-system</logical-system>
    <ingress/>
    <egress/>
    <transit/>
    <terse/>
    <brief/>
    <detail/>
    <extensive/>
    <descriptions/>
    <up/>
  </get-mpls-lsp-information>
</rpc>
```

```

    <down/>
    <unidirectional/>
    <bidirectional/>
    <p2mp/>
    <statistics/>
    <bypass/>
    <regex>regex</regex>
  </get-mpls-lsp-information>
</rpc>

```

Description Show configured label-switched paths

Contents <logical-system>—Name of logical system, or 'all'

<ingress>—Display LSPs originating at this router

<egress>—Display LSPs ending at this router

<transit>—Display LSPs transiting this router

<terse>—Display terse output

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<descriptions>—Display LSP description strings

<up>—Display active LSPs

<down>—Display inactive LSPs

<unidirectional>—Display unidirectional LSPs

<bidirectional>—Display bidirectional LSPs

<p2mp>—Display point-to-multipoint LSPs

<statistics>—Display packet statistics for LSPs

<bypass>—Display LSPs used for protecting other LSPs

<get-mpls-lsp-defaults-information>—Display LSP defaults

<regex>—Regular expression for LSP names to match

<get-mpls-path-information>

Usage

```

  <rpc>
    <get-mpls-path-information>

```

```
<logical-system>logical-system</logical-system>
<path>path</path>
</get-mpls-path-information>
</rpc>
```

Description Show configured named paths

Contents <logical-system>—Name of logical system, or 'all'

<path>—Name of label-switched path

<get-mpls-static-lsp-information>

Usage

```
<rpc>
<get-mpls-static-lsp-information>
<logical-system>logical-system</logical-system>
<bypass/>
<ingress/>
<transit/>
<terse/>
<brief/>
<detail/>
<extensive/>
<descriptions/>
<statistics/>
<up/>
<down/>
<regex>regex</regex>
</get-mpls-static-lsp-information>
</rpc>
```

Description Show configured static label-switched paths

Contents <logical-system>—Name of logical system, or 'all'

<bypass>—Display bypass LSPs originating at this router

<ingress>—Display LSPs originating at this router

<transit>—Display LSPs transiting this router

<terse>—Display terse output

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<descriptions>—Display LSP description strings

- <statistics>—Display packet statistics for LSPs
- <up>—Display active LSPs
- <down>—Display inactive LSPs
- <regex>—Regular expression for LSP names to match

<get-msdp-source-active-information>

Usage

```
<rpc>
  <get-msdp-source-active-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <group>group</group>
    <source>source</source>
    <peer>peer</peer>
    <local/>
    <originator>originator</originator>
    <brief/>
    <detail/>
  </get-msdp-source-active-information>
</rpc>
```

Description Show the source-active (SA) cache

Contents

- <logical-system>—Name of logical system, or 'all'
- <instance>—Name of instance
- <group>—Name of group
- <source>—Name of source
- <peer>—IPv4 address of peer
- <local>—Display SA cache entries originating at this router
- <originator>—IPv4 address of peer that originated SA cache entries
- <brief>—Display brief output (default)
- <detail>—Display detailed output

<get-msdp-source-information>

Usage

```
<rpc>
  <get-msdp-source-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
```

```
<source>source</source>
</get-msdp-source-information>
</rpc>
```

Description Show multicast sources learned from MSDP

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<source>—IP address and optional prefix length of source

<get-msdp-statistics-information>

Usage

```
<rpc>
<get-msdp-statistics-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
<peer>peer</peer>
</get-msdp-statistics-information>
</rpc>
```

Description Show MSDP statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<peer>—IPv4 address and optional prefix length of MSDP peers

<get-msp-session-table>

Usage

```
<rpc>
<get-msp-session-table>
<all/>
<limit>limit</limit>
<extensive/>
<brief/>
<terse/>
<source-prefix>source-prefix</source-prefix>
<destination-prefix>destination-prefix</destination-prefix>
<source-port>source-port</source-port>
<destination-port>destination-port</destination-port>
<protocol>protocol</protocol>
<service-set>service-set</service-set>
<interface>interface</interface>
<application-protocol>application-protocol</application-protocol>
<get-service-msp-sess-count-information/>
```



```
</get-msp-session-table>  
</rpc>
```

Description Show session table entries

Contents <all>—Display all the entries

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type

- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<limit>—Maximum number of entries to display

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol

- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)
- `bootp` - Bootstrap protocol
- `dce-rpc` - DCE RPC
- `dce-rpc-portmap` - DCE RPC portmap
- `dns` - Domain Name Service
- `exec` - Remote Execution Protocol
- `ftp` - File Transfer Protocol
- `gprs-gtp-c` - GPRS Tunneling Control Plane
- `gprs-gtp-u` - GPRS Tunneling User Plane
- `gprs-gtp-v0` - GPRS Tunneling Version 0
- `gprs-sctp` - GPRS Stream Control Protocol
- `h323` - H.323
- `icmp` - ICMP
- `ignore` - Ignore application type
- `iiop` - Internet Inter-ORB Protocol
- `ike-esp-nat` - IKE/ESP with NAT
- `ip` - IP
- `login` - Login
- `mgcp-ca` - MGCP-CA
- `mgcp-ua` - MGCP-UA
- `ms-rpc` - Microsoft RPC
- `netbios` - NetBIOS
- `netshow` - NetShow

- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast

- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol

- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<brief>—Display brief output (default)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane

- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol

- traceroute - Traceroute
- winframe - WinFrame

<terse>—Display terse output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT

- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol

- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931

- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell

- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0

- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<interface>—Name of extension provider interface

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0

- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
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- q931 - Q.931
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- rpc - RPC
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- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
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- q931 - Q.931
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- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell

- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<get-service-msp-sess-count-information>—Show count of matching entries

<get-mspinfo-connections>

Usage

```
<rpc>
  <get-mspinfo-connections>
    <inet/>
    <inet6/>
    <extensive/>
    <show-routing-instances/>
    <interface>interface</interface>
  </get-mspinfo-connections>
</rpc>
```

Description Show connection activity on the extension provider PIC

Contents

- <inet>—Display IPv4 connections
- <inet6>—Display IPv6 connections
- <extensive>—Display extensive output
- <show-routing-instances>—Display routing instances
- <interface>—Name of extension provider interface

<get-mspinfo-packages>

Usage

```
<rpc>
  <get-mspinfo-packages>
    <detail/>
    <interface>interface</interface>
  </get-mspinfo-packages>
</rpc>
```

Description Show packages loaded on the extension provider PIC

Contents <detail>—
 <interface>—Name of extension provider interface

<get-mspinfo-processes>

Usage

```
<rpc>
  <get-mspinfo-processes>
    <detail/>
    <wide/>
    <interface>interface</interface>
  </get-mspinfo-processes>
</rpc>
```

Description Show system process table on the extension provider PIC

Contents <detail>—Display detailed output
 <wide>—Display information even if wider than 80 columns
 <get-mspinfo-processes-brief>—Display brief output
 <get-mspinfo-processes-extensive>—Display brief output
 <interface>—Name of extension provider interface

<get-mspinfo-processes-brief>

Usage

```
<rpc>
  <get-mspinfo-processes-brief>
    <interface>interface</interface>
  </get-mspinfo-processes-brief>
</rpc>
```

Description Display brief output

Contents <interface>—Name of extension provider interface

<get-mspinfo-processes-extensive>

Usage

```
<rpc>
  <get-mspinfo-processes-extensive>
    <interface>interface</interface>
```

```
</get-mspinfo-processes-extensive>
</rpc>
```

Description Display brief output

Contents <interface>—Name of extension provider interface

<get-mspinfo-uptime>

Usage

```
<rpc>
<get-mspinfo-uptime>
  <interface>interface</interface>
</get-mspinfo-uptime>
</rpc>
```

Description Show uptime on the extension provider PIC

Contents <interface>—Name of extension provider interface

<get-mspinfo-virtual-memory>

Usage

```
<rpc>
<get-mspinfo-virtual-memory>
  <interface>interface</interface>
</get-mspinfo-virtual-memory>
</rpc>
```

Description Show kernel dynamic memory usage on the extension provider PIC

Contents <interface>—Name of extension provider interface

<get-multicast-backup-pe-address-information>

Usage

```
<rpc>
<get-multicast-backup-pe-address-information>
  <logical-system>logical-system</logical-system>
  <pe_address>pe_address</pe_address> <!-- mandatory -->
</get-multicast-backup-pe-address-information>
</rpc>
```

Description Show groups a PE address is associated with

Contents <logical-system>—Name of logical system, or 'all'

<pe_address>—IP address of the PE

<get-multicast-backup-pe-groups-information>

Usage

```
<rpc>
  <get-multicast-backup-pe-groups-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-multicast-backup-pe-groups-information>
</rpc>
```

Description Show backup PE groups

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<group>—Show information for specified group

<get-multicast-backup-pe-address-information>—Show groups a PE address is associated with

<get-multicast-flow-maps-information>

Usage

```
<rpc>
  <get-multicast-flow-maps-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-multicast-flow-maps-information>
</rpc>
```

Description Show configured flow maps

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-multicast-interface-information>

Usage

```
<rpc>
  <get-multicast-interface-information>
```

```
<logical-system>logical-system</logical-system>
</get-multicast-interface-information>
</rpc>
```

Description Show configured interfaces

Contents <logical-system>—Name of logical system, or 'all'

<get-multicast-next-hops-information>

Usage

```
<rpc>
<get-multicast-next-hops-information>
<logical-system>logical-system</logical-system>
<brief/>
<detail/>
<identifier>identifier</identifier>
<inet/>
<inet6/>
</get-multicast-next-hops-information>
</rpc>
```

Description Show the multicast next-hop table

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<identifier>—ID of next hop

<inet>—Display IPv4 information

<inet6>—Display IPv6 information

<get-multicast-pim-to-igmp-proxy-information>

Usage

```
<rpc>
<get-multicast-pim-to-igmp-proxy-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
</get-multicast-pim-to-igmp-proxy-information>
</rpc>
```

Description Show pim-to-igmp-proxy information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<get-multicast-pim-to-mld-proxy-information>

Usage

```
<rpc>
  <get-multicast-pim-to-mld-proxy-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-multicast-pim-to-mld-proxy-information>
</rpc>
```

Description Show pim-to-mld-proxy information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<get-multicast-route-information>

Usage

```
<rpc>
  <get-multicast-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <all/>
    <active/>
    <inactive/>
    <brief/>
    <detail/>
    <extensive/>
    <inet/>
    <inet6/>
    <group>group</group>
    <source-prefix>source-prefix</source-prefix>
    <regex>regex</regex>
  </get-multicast-route-information>
</rpc>
```

Description Show the multicast routing table

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<all>—Display all route entries

<active>—Display active route entries

<inactive>—Display inactive route entries

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<inet>—Display IPv4 information

<inet6>—Display IPv6 information

<group>—IP address and optional prefix length of group

<source-prefix>—IP address and optional prefix length of source for routes

<regexp>—Regular expression for session to match

<get-multicast-rpf-information>

Usage

```
<rpc>
  <get-multicast-rpf-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <summary/>
    <prefix>prefix</prefix>
    <inet/>
    <inet6/>
  </get-multicast-rpf-information>
</rpc>
```

Description Show reverse-path forwarding (RPF) source network information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<summary>—Display summary output

<prefix>—IP address and optional prefix length of host

<inet>—Display RPF information for IPv4

<inet6>—Display RPF information for IPv6

<get-multicast-scope-information>

Usage

```
<rpc>
  <get-multicast-scope-information>
    <logical-system>logical-system</logical-system>
```

```

    <instance>instance</instance>
    <inet/>
    <inet6/>
  </get-multicast-scope-information>
</rpc>

```

Description Show administratively scoped multicast information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<inet>—Display IPv4 information

<inet6>—Display IPv6 information

<get-multicast-sessions-information>

Usage

```

<rpc>
  <get-multicast-sessions-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <regexp>regexp</regexp>
  </get-multicast-sessions-information>
</rpc>

```

Description Show announced multicast sessions

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<regexp>—Regular expression for sessions to match

<get-multicast-snooping-next-hops-information>

Usage

```

<rpc>
  <get-multicast-snooping-next-hops-information>
    <brief/>
    <detail/>
    <identifier>identifier</identifier>
  </get-multicast-snooping-next-hops-information>

```

</rpc>

Description Show the multicast next-hop snooping table

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<identifier>—ID of next hop

<get-multicast-snooping-route-information>

Usage

```
<rpc>
  <get-multicast-snooping-route-information>
    <all/>
    <active/>
    <inactive/>
    <brief/>
    <detail/>
    <extensive/>
    <vlan-id>vlan-id</vlan-id>
    <mesh-group>mesh-group</mesh-group>
    <group>group</group>
    <source-prefix>source-prefix</source-prefix>
    <regexp>regexp</regexp>
    <bridge-domain>bridge-domain</bridge-domain>
    <instance>instance</instance>
  </get-multicast-snooping-route-information>
</rpc>
```

Description Show the multicast snooping routing table

Contents <all>—Display all route entries

<active>—Display active route entries

<inactive>—Display inactive route entries

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<vlan-id>—VLAN ID for a learning domain

<mesh-group>—Name of a mesh-group

<group>—IP address and optional prefix length of group

<source-prefix>—IP address and optional prefix length of source

<regex>—Regular expression for session to match

<bridge-domain>—Name of bridge-domain

<instance>—Name of routing-instance

<get-multicast-statistics-information>

Usage

```
<rpc>
  <get-multicast-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <inet/>
    <inet6/>
  </get-multicast-statistics-information>
</rpc>
```

Description Show multicast statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<inet>—Display statistics for IPv4

<inet6>—Display statistics for IPv6

<get-multicast-usage-information>

Usage

```
<rpc>
  <get-multicast-usage-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <brief/>
    <detail/>
    <inet/>
    <inet6/>
  </get-multicast-usage-information>
</rpc>
```

Description Show multicast usage information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<brief>—Display brief output (default)

<detail>—Display detailed output

<inet>—Display IPv4 information

<inet6>—Display IPv6 information

<get-mvpn-instance-information>

Usage

```
<rpc>
  <get-mvpn-instance-information>
    <logical-system>logical-system</logical-system>
    <instance-name>instance-name</instance-name>
    <summary/>
    <extensive/>
  </get-mvpn-instance-information>
</rpc>
```

Description Show MVPN instance

Contents <logical-system>—Name of logical system, or 'all'

<instance-name>—Name of MVPN instance

<summary>—Display summary output

<extensive>—Display detailed version of output

<get-mvrp-applicant-information>

Usage

```
<rpc>
  <get-mvrp-applicant-information>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <interface>interface</interface>
    <vlan>vlan</vlan>
  </get-mvrp-applicant-information>
</rpc>
```

Description Show MVRP applicant state

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<interface>—Name of interface

<vlan>—VLAN ID

<get-mvrp-dynamic-vlan-memberships>

Usage

```
<rpc>
  <get-mvrp-dynamic-vlan-memberships>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <vlan>vlan</vlan>
    <interface>interface</interface>
  </get-mvrp-dynamic-vlan-memberships>
</rpc>
```

Description Show MVRP dynamic VLAN memberships

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<vlan>—VLAN ID

<interface>—Name of interface

<get-mvrp-information>

Usage

```
<rpc>
  <get-mvrp-information>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
  </get-mvrp-information>
</rpc>
```

Description Show MVRP Protocol information

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<get-mvrp-interface-information>—Show MVRP interface information

<get-mvrp-registration-state>—Show MVRP registration state

<get-mvrp-applicant-information>—Show MVRP applicant state

<get-mvrp-interface-statistics>—Show MVRP interface statistics

<get-mvrp-dynamic-vlan-memberships>—Show MVRP dynamic VLAN memberships

<get-mvrp-interface-information>

Usage

```
<rpc>
  <get-mvrp-interface-information>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <interface>interface</interface>
  </get-mvrp-interface-information>
</rpc>
```

Description Show MVRP interface information

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<interface>—Name of interface

<get-mvrp-interface-statistics>

Usage

```
<rpc>
  <get-mvrp-interface-statistics>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <interface>interface</interface>
  </get-mvrp-interface-statistics>
</rpc>
```

Description Show MVRP interface statistics

Contents <logical-system>—Name of logical system

<routing-instance>—Name of routing instance

<interface>—Name of interface

<get-mvrp-registration-state>

Usage

```
<rpc>
  <get-mvrp-registration-state>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <interface>interface</interface>
    <vlan>vlan</vlan>
  </get-mvrp-registration-state>
```

```
</rpc>
```

Description Show MVRP registration state

Contents <logical-system>—Name of logical system
 <routing-instance>—Name of routing instance
 <interface>—Name of interface
 <vlan>—VLAN ID

<get-nai-mip-binding-information>

Usage

```
<rpc>
  <get-nai-mip-binding-information>
    <network-access-identifier>network-access-identifier</network-access-identifier>
  <!-- mandatory -->
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-nai-mip-binding-information>
</rpc>
```

Description Show binding detail based on nai

Contents <network-access-identifier>—Show binding detail based on nai
 <routing-instance>—Name of routing instance
 <logical-system>—Name of logical system

<get-operational-routing-instance-information>

Usage

```
<rpc>
  <get-operational-routing-instance-information/>
</rpc>
```

Description Show operational routing instances

<get-ospf-backup-coverage-information>

Usage

```
<rpc>
  <get-ospf-backup-coverage-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
```

```
<topology>topology</topology>
</get-ospf-backup-coverage-information>
</rpc>
```

Description Show OSPF backup coverage

Contents <logical-system>—Name of logical system, or 'all'

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<instance>—Name of OSPF instance

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<topology>—Name of topology

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<get-ospf-backup-lsp-information>

Usage

```
<rpc>
<get-ospf-backup-lsp-information>
<logical-system>logical-system</logical-system>
</get-ospf-backup-lsp-information>
</rpc>
```

Description Show OSPF MPLS backup LSP information

Contents <logical-system>—Name of logical system, or 'all'

<get-ospf-backup-neighbor-information>

Usage

```
<rpc>
<get-ospf-backup-neighbor-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
<topology>topology</topology>
<area>area</area>
```

```
</get-ospf-backup-neighbor-information>
</rpc>
```

Description Show OSPF backup neighbors

Contents <logical-system>—Name of logical system, or 'all'

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<instance>—Name of OSPF instance

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<topology>—Name of topology

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<area>—OSPF area ID

<get-ospf-backup-spf-information>

Usage

```
<rpc>
<get-ospf-backup-spf-information>
<logical-system>logical-system</logical-system>
<instance>instance</instance>
<topology>topology</topology>
<area>area</area>
<no-coverage/>
<node-id>node-id</node-id>
<brief/>
<detail/>
</get-ospf-backup-spf-information>
</rpc>
```

Description Show OSPF backup SPF calculations information

Contents <logical-system>—Name of logical system, or 'all'

- default - Default topology
- ipv4-multicast - IPv4 multicast topology

- name - Topology name

<instance>—Name of OSPF instance

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<topology>—Name of topology

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<area>—OSPF area ID

<no-coverage>—Entries with no backup coverage

<node-id>—Display nodes matching the node-id

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-ospf-context-id-information>

Usage

```
<rpc>
  <get-ospf-context-id-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <context-id>context-id</context-id>
    <area>area</area>
    <instance>instance</instance>
  </get-ospf-context-id-information>
</rpc>
```

Description Show OSPF context identifier information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<context-id>—IP address representing a context identifier

<area>—OSPF area ID

<instance>—Name of OSPF instance

<get-ospf-database-information>

Usage

```
<rpc>
<get-ospf-database-information>
<logical-system>logical-system</logical-system>
<brief/>
<detail/>
<extensive/>
<summary/>
<router/>
<network/>
<netsummary/>
<asbrsummary/>
<external/>
<nssa/>
<link-local/>
<opaque-area/>
<area>area</area>
<lsa-id>lsa-id</lsa-id>
<advertising-router>advertising-router</advertising-router>
<instance>instance</instance>
</get-ospf-database-information>
</rpc>
```

Description Show OSPF link-state database

Contents <logical-system>—Name of logical system, or 'all'

- self - Router ID of this router
- router-id - Router ID of advertising router

<brief>—Display brief output (default)

- self - Router ID of this router
- router-id - Router ID of advertising router

<detail>—Display detailed output

- self - Router ID of this router
- router-id - Router ID of advertising router

<extensive>—Display extensive output

- self - Router ID of this router
- router-id - Router ID of advertising router

<summary>—Display summary output

- self - Router ID of this router
- router-id - Router ID of advertising router

<router>—Router link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<network>—Network link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<netsummary>—Summary network link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<asbrsummary>—Summary AS boundary router link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<external>—External link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<nssa>—Not-so-stubby area link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<link-local>—Link local link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<opaque-area>—Opaque area-scope link-state advertisements

- self - Router ID of this router
- router-id - Router ID of advertising router

<area>—OSPF area ID

- self - Router ID of this router
- router-id - Router ID of advertising router

<lsa-id>—Link-state advertisement ID

- self - Router ID of this router
- router-id - Router ID of advertising router

<advertising-router>—Router ID of advertising router

- self - Router ID of this router
- router-id - Router ID of advertising router

<instance>—Name of OSPF instance

<get-ospf-interface-information>

Usage

```
<rpc>
  <get-ospf-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <interface-name>interface-name</interface-name>
    <area>area</area>
    <instance>instance</instance>
  </get-ospf-interface-information>
</rpc>
```

Description Show OSPF interface status information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<interface-name>—Name of logical interface

<area>—OSPF area ID

<instance>—Name of OSPF instance

<get-ospf-io-statistics-information>

Usage

```
<rpc>
  <get-ospf-io-statistics-information>
    <logical-system>logical-system</logical-system>
  </get-ospf-io-statistics-information>
```

</rpc>

Description Show OSPF I/O statistics

Contents <logical-system>—Name of logical system, or 'all'

<get-ospf-log-information>

Usage

```
<rpc>
  <get-ospf-log-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <topology>topology</topology>
  </get-ospf-log-information>
</rpc>
```

Description Show shortest-path-first calculations from OSPF log

Contents <logical-system>—Name of logical system, or 'all'

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<instance>—Name of OSPF instance

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<topology>—Name of topology

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<get-ospf-neighbor-information>

Usage

```
<rpc>
  <get-ospf-neighbor-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
```

```

<interface>interface</interface>
<area>area</area>
<neighbor>neighbor</neighbor>
<instance>instance</instance>
</get-ospf-neighbor-information>
</rpc>

```

Description Show OSPF neighbor status information

Contents <logical-system>—Name of logical system, or 'all'

- all - Show all instances
- instance-name - Name of OSPF instance

<brief>—Display brief output (default)

- all - Show all instances
- instance-name - Name of OSPF instance

<detail>—Display detailed output

- all - Show all instances
- instance-name - Name of OSPF instance

<extensive>—Display extensive output

- all - Show all instances
- instance-name - Name of OSPF instance

<interface>—Name of logical interface

- all - Show all instances
- instance-name - Name of OSPF instance

<area>—OSPF area ID

- all - Show all instances
- instance-name - Name of OSPF instance

<neighbor>—IP address or ID of neighbor

- all - Show all instances
- instance-name - Name of OSPF instance

<instance>—Name of OSPF instance

- all - Show all instances
- instance-name - Name of OSPF instance

<get-ospf-overview-information>

Usage

```
<rpc>
  <get-ospf-overview-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <extensive/>
    <instance>instance</instance>
  </get-ospf-overview-information>
</rpc>
```

Description Show overview of OSPF information

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<extensive>—Display extensive output

<instance>—Name of OSPF instance

<get-ospf-route-information>

Usage

```
<rpc>
  <get-ospf-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <topology>topology</topology>
    <intra/>
    <inter/>
    <extern/>
    <router/>
    <abr/>
    <asbr/>
    <network/>
    <no-backup-coverage/>
    <destination>destination</destination>
    <brief/>
    <detail/>
    <extensive/>
  </get-ospf-route-information>
</rpc>
```

Description Show OSPF routing table

Contents <logical-system>—Name of logical system, or 'all'

- default - Default topology

- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<instance>—Name of OSPF instance

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<topology>—Name of topology

- default - Default topology
- ipv4-multicast - IPv4 multicast topology
- name - Topology name

<intra>—Display intra-area routes

<inter>—Display inter-area routes

<extern>—Display external routes

<router>—Display routes to all routers

<abr>—Display routes to area border routers

<asbr>—Display routes to AS border routers

<network>—Display routes to networks

<no-backup-coverage>—Display routes with no backup coverage

<destination>—IP address and optional prefix length of destination

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<get-ospf-statistics-information>

Usage

```
<rpc>
  <get-ospf-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-ospf-statistics-information>
</rpc>
```

Description Show OSPF statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of OSPF instance

<get-ospf3-backup-coverage-information>

Usage

```
<rpc>
  <get-ospf3-backup-coverage-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
  </get-ospf3-backup-coverage-information>
</rpc>
```

Description Show OSPFv3 backup coverage

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPF instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-backup-lsp-information>

Usage

```
<rpc>
  <get-ospf3-backup-lsp-information>
    <logical-system>logical-system</logical-system>
    <realm>realm</realm>
  </get-ospf3-backup-lsp-information>
</rpc>
```

Description Show OSPFv3 MPLS backup LSP information

- Contents** <logical-system>—Name of logical system, or 'all'
- ipv6-multicast - IPv6 multicast realm
 - ipv4-unicast - IPv4 unicast realm
 - ipv4-multicast - IPv4 multicast realm
- <realm>—Name of realm
- ipv6-multicast - IPv6 multicast realm
 - ipv4-unicast - IPv4 unicast realm
 - ipv4-multicast - IPv4 multicast realm

<get-ospf3-backup-neighbor-information>

Usage

```
<rpc>
  <get-ospf3-backup-neighbor-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <area>area</area>
  </get-ospf3-backup-neighbor-information>
</rpc>
```

Description Show OSPFv3 backup neighbors

- Contents** <logical-system>—Name of logical system, or 'all'
- <instance>—Name of OSPF instance
- <area>—OSPF area ID

<get-ospf3-backup-spf-information>

Usage

```
<rpc>
  <get-ospf3-backup-spf-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
    <area>area</area>
    <no-coverage/>
    <node-id>node-id</node-id>
    <brief/>
    <detail/>
  </get-ospf3-backup-spf-information>
</rpc>
```

Description Show OSPFv3 backup SPF calculations information

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPF instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—OSPF area ID

<no-coverage>—Entries with no backup coverage

<node-id>—Display nodes matching the node-id

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-ospf3-database-information>

Usage

```
<rpc>
  <get-ospf3-database-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <summary/>
    <router/>
    <network/>
    <inter-area-prefix/>
    <inter-area-router/>
    <external/>
    <nssa/>
    <link/>
    <link-local/>
    <intra-area-prefix/>
    <area>area</area>
```



```

<lsa-id>lsa-id</lsa-id>
<advertising-router>advertising-router</advertising-router>
<instance>instance</instance>
<realm>realm</realm>
</get-ospf3-database-information>
</rpc>

```

Description Show OSPFv3 link-state database

Contents <logical-system>—Name of logical system, or 'all'

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<brief>—Display brief output (default)

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<detail>—Display detailed output

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<extensive>—Display extensive output

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<summary>—Display summary output

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<router>—Router LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<network>—Network LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<inter-area-prefix>—Inter-area-prefix LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<inter-area-router>—Inter-area-router LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<external>—External LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<nssa>—NSSA LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<link>—Link LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<link-local>—Link-local LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<intra-area-prefix>—Intra-area-prefix LSAs

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—Area ID of OSPFv3 area

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<lsa-id>—ID of link-state advertisement

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<advertising-router>—Router ID of advertising router

- self - Router ID of this router
- router-id - Router ID of advertising router
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-interface-information>

Usage

```
<rpc>
  <get-ospf3-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
```

```

<interface-name>interface-name</interface-name>
<area>area</area>
<instance>instance</instance>
<realm>realm</realm>
</get-ospf3-interface-information>
</rpc>

```

Description Show OSPFv3 interface status

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<brief>—Display brief output (default)

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<detail>—Display detailed output

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<extensive>—Display extensive output

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<interface-name>—Name of logical interface

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—OSPF area ID

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-io-statistics-information>

Usage

```
<rpc>
  <get-ospf3-io-statistics-information>
    <logical-system>logical-system</logical-system>
  </get-ospf3-io-statistics-information>
</rpc>
```

Description Show OSPFv3 I/O statistics

Contents <logical-system>—Name of logical system, or 'all'

<get-ospf3-log-information>

Usage

```
<rpc>
  <get-ospf3-log-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
  </get-ospf3-log-information>
</rpc>
```

Description Show OSPFv3 SPF log

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm

- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-neighbor-information>

Usage

```
<rpc>
  <get-ospf3-neighbor-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <interface>interface</interface>
    <area>area</area>
    <neighbor>neighbor</neighbor>
    <instance>instance</instance>
    <realm>realm</realm>
  </get-ospf3-neighbor-information>
</rpc>
```

Description Show OSPFv3 neighbor status

Contents <logical-system>—Name of logical system, or 'all'

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<brief>—Display brief output (default)

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<detail>—Display detailed output

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<extensive>—Display extensive output

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<interface>—Name of logical interface

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<area>—OSPF area ID

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<neighbor>—IP address or ID of neighbor

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- all - Show all instances
- instance-name - Name of OSPFv3 instance
- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-overview-information>

Usage

```
<rpc>
  <get-ospf3-overview-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <extensive/>
    <instance>instance</instance>
    <realm>realm</realm>
  </get-ospf3-overview-information>
</rpc>
```

Description Show overview of OSPFv3 information

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<brief>—Display brief output (default)

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<extensive>—Display extensive output

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-ospf3-route-information>

Usage

```
<rpc>
  <get-ospf3-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
    <intra/>
    <inter/>
    <extern/>
    <router/>
    <abr/>
    <asbr/>
    <transit/>
    <network/>
    <no-backup-coverage/>
    <destination>destination</destination>
    <brief/>
    <detail/>
    <extensive/>
  </get-ospf3-route-information>
</rpc>
```

Description Show the OSPFv3 routing table

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPF instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm

- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<intra>—Display intra-area routes

<inter>—Display inter-area routes

<extern>—Display external routes

<router>—Display routes to all routers

<abr>—Display routes to area border routers

<asbr>—Display routes to AS border routers

<transit>—Display routes to pseudonodes

<network>—Display routes to networks

<no-backup-coverage>—Display routes with no backup coverage

<destination>—Address and optional prefix length of destination

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<get-ospf3-statistics-information>

Usage

```
<rpc>
  <get-ospf3-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <realm>realm</realm>
  </get-ospf3-statistics-information>
</rpc>
```

Description Show OSPFv3 statistics

Contents <logical-system>—Name of logical system, or 'all'

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm

- ipv4-multicast - IPv4 multicast realm

<instance>—Name of OSPFv3 instance

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<realm>—Name of realm

- ipv6-multicast - IPv6 multicast realm
- ipv4-unicast - IPv4 unicast realm
- ipv4-multicast - IPv4 multicast realm

<get-package-backup-information>

Usage

```
<rpc>
  <get-package-backup-information/>
</rpc>
```

Description Show status of old system software packages

<get-packet-distribution-information>

Usage

```
<rpc>
  <get-packet-distribution-information>

  <packet-size-distribution-information>packet-size-distribution-information</packet-size-distribution-information>

  </get-packet-distribution-information>
</rpc>
```

Description Show packet size distribution

Contents <packet-size-distribution-information>—Name of service, wildcard, or 'all'

<get-passive-monitoring-error-information>

Usage

```
<rpc>
  <get-passive-monitoring-error-information>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </get-passive-monitoring-error-information>
```

```
</rpc>
```

Description Show error statistics

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<get-passive-monitoring-flow-information>

Usage

```
<rpc>
  <get-passive-monitoring-flow-information>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </get-passive-monitoring-flow-information>
</rpc>
```

Description Show flow statistics

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<get-passive-monitoring-information>

Usage

```
<rpc>
  <get-passive-monitoring-information>
  </get-passive-monitoring-information>
</rpc>
```

Description Show information about passive monitoring

Contents <get-passive-monitoring-usage-information>—Show CPU utilization

<get-passive-monitoring-memory-information>—Show memory utilization

<get-passive-monitoring-flow-information>—Show flow statistics

<get-passive-monitoring-error-information>—Show error statistics

<get-passive-monitoring-status-information>—Show status information

<get-passive-monitoring-memory-information>

Usage

```
<rpc>
  <get-passive-monitoring-memory-information>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </get-passive-monitoring-memory-information>
```

```
</rpc>
```

Description Show memory utilization

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<get-passive-monitoring-status-information>

Usage

```
<rpc>  
<get-passive-monitoring-status-information>  
  <interface-name>interface-name</interface-name> <!-- mandatory -->  
</get-passive-monitoring-status-information>  
</rpc>
```

Description Show status information

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<get-passive-monitoring-usage-information>

Usage

```
<rpc>  
<get-passive-monitoring-usage-information>  
  <interface-name>interface-name</interface-name> <!-- mandatory -->  
</get-passive-monitoring-usage-information>  
</rpc>
```

Description Show CPU utilization

Contents <interface-name>—Name of monitoring interface, wildcard, or 'all'

<get-pdp-diagnostics-per-apn>

Usage

```
<rpc>  
<get-pdp-diagnostics-per-apn>  
  <apn>apn</apn> <!-- mandatory -->  
</get-pdp-diagnostics-per-apn>  
</rpc>
```

Description Show PDP context diagnostics information

Contents <apn>—APN for which to show PDP Contexts

<get-pfe-information>

Usage

```
<rpc>
  <get-pfe-information/>
</rpc>
```

Description Show list of Packet Forwarding Engine components

<get-pfe-statistics>

Usage

```
<rpc>
  <get-pfe-statistics>
    <sfm>sfm</sfm>
    <feb>feb</feb>
    <cid>cid</cid>
    <lcc>lcc</lcc>
    <fpc>fpc</fpc>
  </get-pfe-statistics>
</rpc>
```

Description Show Packet Forwarding Engine traffic statistics

Contents <protocol>—Show detailed Packet Forwarding Engine traffic statistics for a protocol

<multicast>—Show Multicast statistics

<cpu>—Show CPU statistics

<egress-queues>—Show egress-queues statistics

<sfm>—Slot number of SFM for which to show traffic statistics

<feb>—Slot number of FEB for which to show traffic statistics

<lcc>—Slot number of LCC that houses FPC

<fpc>—Slot number of FPC for which to show traffic statistics

<get-pgcpd-active-configuration>

Usage

```
<rpc>
  <get-pgcpd-active-configuration>
</get-pgcpd-active-configuration>
</rpc>
```

Description Show pgcpd active-configuration

Contents <get-service-pgcp-active-configuration-gateway>—Show gateway active configuration

<get-pgm-nak>

Usage

```
<rpc>
  <get-pgm-nak/>
</rpc>
```

Description Show PGM negative acknowledgments

<get-pgm-source-path-messages>

Usage

```
<rpc>
  <get-pgm-source-path-messages/>
</rpc>
```

Description Show PGM source path messages

<get-pgm-statistics>

Usage

```
<rpc>
  <get-pgm-statistics/>
</rpc>
```

Description Show PGM packet statistics

<get-pic-detail>

Usage

```
<rpc>
  <get-pic-detail>
    <device>device</device> <!-- mandatory -->
    <fpc-slot>fpc-slot</fpc-slot> <!-- mandatory -->
    <pic-slot>pic-slot</pic-slot> <!-- mandatory -->
  </get-pic-detail>
</rpc>
```

Description Show Physical Interface Card state, type, and uptime

Contents <device>—Device alias name or serial number

<fpc-slot>—Slot number of FPC that houses PIC

<pic-slot>—PIC slot number

<get-pic-information>

Usage

```
<rpc>
  <get-pic-information>
    <device>device</device> <!-- mandatory -->
    <slot>slot</slot>
  </get-pic-information>
</rpc>
```

Description Show Physical Interface Cards installed in FPC

Contents <device>—Device alias name or serial number

<slot>—FPC slot number

<get-pim-bootstrap-information>

Usage

```
<rpc>
  <get-pim-bootstrap-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-pim-bootstrap-information>
</rpc>
```

Description Show PIM bootstrap routers

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<get-pim-interfaces-information>

Usage

```
<rpc>
  <get-pim-interfaces-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <interface-name>interface-name</interface-name>
    <inet/>
    <inet6/>
  </get-pim-interfaces-information>
</rpc>
```

Description Show PIM interfaces

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<interface-name>—Name of interface

<inet>—Display IPv4 interfaces

<inet6>—Display IPv6 interfaces

<get-pim-join-information>

Usage

```
<rpc>
  <get-pim-join-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <summary/>
    <brief/>
    <detail/>
    <extensive/>
    <range>range</range>
    <inet/>
    <inet6/>
  </get-pim-join-information>
</rpc>
```

Description Show PIM join/prune state

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<summary>—Display summary output

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<range>—IP address and optional prefix length of group

<inet>—Display IPv4 join/prune state

<inet6>—Display IPv6 join/prune state

<get-pim-mdt-information>

Usage

```

<rpc>
  <get-pim-mdt-information>
    <logical-system>logical-system</logical-system>
    <outgoing/>
    <incoming/>
    <brief/>
    <detail/>
    <extensive/>
    <range>range</range>
    <instance>instance</instance> <!-- mandatory -->
  </get-pim-mdt-information>
</rpc>

```

Description Show state of PIM multicast data tunnels

Contents <logical-system>—Name of logical system, or 'all'

<outgoing>—Display outgoing multicast data tunnels

<incoming>—Display incoming multicast data tunnels

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<range>—IP address and optional prefix length of group

<instance>—Name of PIM instance

<get-pim-mvpn-information>

Usage

```

<rpc>
  <get-pim-mvpn-information>
    <logical-system>logical-system</logical-system>
  </get-pim-mvpn-information>
</rpc>

```

Description Show PIM MVPN instances

Contents <logical-system>—Name of logical system, or 'all'

<get-pim-neighbors-information>

Usage

```
<rpc>
  <get-pim-neighbors-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <brief/>
    <detail/>
    <inet/>
    <inet6/>
  </get-pim-neighbors-information>
</rpc>
```

Description Show PIM neighbors

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<brief>—Display brief output (default)

<detail>—Display detailed output

<inet>—Display IPv4 neighbors

<inet6>—Display IPv6 neighbors

<get-pim-rps-information>

Usage

```
<rpc>
  <get-pim-rps-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <brief/>
    <detail/>
    <extensive/>
    <group-address>group-address</group-address>
    <inet/>
    <inet6/>
  </get-pim-rps-information>
</rpc>
```

Description Show PIM rendezvous points

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<group-address>—IP address of group

<inet>—Display IPv4 rendezvous points

<inet6>—Display IPv6 rendezvous points

<get-pim-source-information>

Usage

```
<rpc>
  <get-pim-source-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <brief/>
    <detail/>
    <source>source</source>
    <inet/>
    <inet6/>
  </get-pim-source-information>
</rpc>
```

Description Show the PIM source RPF state

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<brief>—Display brief output (default)

<detail>—Display detailed output

<source>—IP address and optional prefix length of source RPFs

<inet>—Display IPv4 PIM source RPF state

<inet6>—Display IPv6 PIM source RPF state

<get-pim-statistics-information>

Usage

```
<rpc>
  <get-pim-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <interface>interface</interface>
    <inet/>
```

```
<inet6/>
</get-pim-statistics-information>
</rpc>
```

Description Show PIM statistics

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of instance

<interface>—Name of interface

<inet>—Display IPv4 PIM statistics

<inet6>—Display IPv6 PIM statistics

<get-power-budget-information>

Usage

```
<rpc>
  <get-power-budget-information/>
</rpc>
```

Description Show power budget chassis information

<get-power-management>

Usage

```
<rpc>
  <get-power-management/>
</rpc>
```

Description Show power ratings for the router

<get-power-usage-information>

Usage

```
<rpc>
  <get-power-usage-information>
  </get-power-usage-information>
</rpc>
```

Description Show Chassis Power Usages

Contents <get-fru-power-on-sequence>—Show chassis fru power on sequence

<get-ppp-address-pool-inforamation>

Usage

```

<rpc>
  <get-ppp-address-pool-inforamation>
  <detail/>
  <pool-name>pool-name</pool-name> <!-- mandatory -->
</get-ppp-address-pool-inforamation>
</rpc>

```

Description Show PPP address pool information

Contents <detail>—Display detailed information

<pool-name>—Address pool name

<get-ppp-interface-information>

Usage

```

<rpc>
  <get-ppp-interface-information>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
  <extensive/>
  <terse/>
</get-ppp-interface-information>
</rpc>

```

Description Show PPP interface information

Contents <interface-name>—Interface name

<extensive>—Display detailed output

<terse>—Display terse output

<get-ppp-statistics-information>

Usage

```

<rpc>
  <get-ppp-statistics-information>
  <detail/>
  <memory/>
</get-ppp-statistics-information>
</rpc>

```

Description Show PPP statistics

- Contents** <detail>—Display detailed statistics
- <memory>—Display PPP process memory statistics

<get-ppp-summary-information>

Usage

```
<rpc>
  <get-ppp-summary-information/>
</rpc>
```

- Description** Show PPP summary information

<get-pppoe-interface-information>

Usage

```
<rpc>
  <get-pppoe-interface-information>
    <brief/>
    <detail/>
    <extensive/>
    <interface-name>interface-name</interface-name>
  </get-pppoe-interface-information>
</rpc>
```

- Description** Show interface information

- Contents** <brief>—Show brief output
- <detail>—Show detailed output
- <extensive>—Show extensive output
- <interface-name>—Name of PPPoE logical interface

<get-pppoe-service-name-table-information>

Usage

```
<rpc>
  <get-pppoe-service-name-table-information>
    <table-name>table-name</table-name>
  </get-pppoe-service-name-table-information>
</rpc>
```

- Description** Show service name table information

- Contents** <table-name>—Name of PPPoE service name table

<get-pppoe-session-information>

Usage

```
<rpc>
  <get-pppoe-session-information>
    <service>service</service>
    <aci>aci</aci>
    <ari>ari</ari>
  </get-pppoe-session-information>
</rpc>
```

Description Show active PPPoE session information

Contents <service>—Name of PPPoE service

<aci>—Agent Circuit ID

<ari>—Agent Remote ID

<get-pppoe-statistics-information>

Usage

```
<rpc>
  <get-pppoe-statistics-information>

  <underlying-interface-name>underlying-interface-name</underlying-interface-name>

  </get-pppoe-statistics-information>
</rpc>
```

Description Show PPPoE-related interface statistics

Contents <underlying-interface-name>—Name of PPPoE underlying logical interface

<get-pppoe-underlying-interface-information>

Usage

```
<rpc>
  <get-pppoe-underlying-interface-information>
    <brief/>
    <detail/>
    <extensive/>

  <underlying-interface-name>underlying-interface-name</underlying-interface-name>

  </get-pppoe-underlying-interface-information>
</rpc>
```

Description Show underlying interface information

Contents <brief>—Show brief output

<detail>—Show detailed output

<extensive>—Show extensive output

<underlying-interface-name>—Name of PPPoE underlying logical interface

<get-pppoe-version>

Usage

```
<rpc>
  <get-pppoe-version/>
</rpc>
```

Description Show version

<get-probe-results>

Usage

```
<rpc>
  <get-probe-results>
    <owner>owner</owner>
    <test>test</test>
  </get-probe-results>
</rpc>
```

Description Show probe results

Contents <owner>—Name of owner

<test>—Name of test

<get-process-health-information>

Usage

```
<rpc>
  <get-process-health-information>
    <device>device</device> <!-- mandatory -->
    <name_pid_choice>name_pid_choice</name_pid_choice>
    <process-name>process-name</process-name>
    <pid>pid</pid>
  </get-process-health-information>
</rpc>
```

| | |
|--------------------|--|
| Description | Show process health information |
| Contents | <code><device></code> —Device alias name or serial number <code><process-name></code> —Process name <code><pid></code> —Process identifier |

`<get-psd-information>`

Usage

```
<rpc>  
  <get-psd-information/>  
</rpc>
```

Description Show Protected System Domain (PSD) status

`<get-r2cp-interface-information>`

Usage

```
<rpc>  
  <get-r2cp-interface-information>  
    <brief/>  
    <detail/>  
    <extensive/>  
    <interface-name>interface-name</interface-name>  
  </get-r2cp-interface-information>  
</rpc>
```

Description Show interface information

Contents `<brief>`—Show brief output
`<detail>`—Show detailed output
`<extensive>`—Show extensive output
`<interface-name>`—Name of R2CP interface

`<get-r2cp-radio-information>`

Usage

```
<rpc>  
  <get-r2cp-radio-information>  
    <brief/>  
    <detail/>  
    <extensive/>  
    <radio-name>radio-name</radio-name>  
  </get-r2cp-radio-information>
```

```
</rpc>
```

Description Show radio

Contents <brief>—Show brief output
<detail>—Show detailed output
<extensive>—Show extensive output
<radio-name>—Name of R2CP radio

<get-r2cp-session-information>

Usage

```
<rpc>  
  <get-r2cp-session-information>  
    <brief/>  
    <detail/>  
    <extensive/>  
    <session-id>session-id</session-id>  
    <session-id>session-id</session-id>  
    <vlan>vlan</vlan>  
  </get-r2cp-session-information>  
</rpc>
```

Description Show sessions

Contents <brief>—Show brief output
<detail>—Show detailed output
<extensive>—Show extensive output
<session-id>—Session ID
<vlan>—Vlan identifier

<get-r2cp-statistics>

Usage

```
<rpc>  
  <get-r2cp-statistics/>  
</rpc>
```

Description Show statistics

<get-radius-profile-access-test-result>

Usage

```

<rpc>
  <get-radius-profile-access-test-result>
    <profile-name>profile-name</profile-name> <!-- mandatory -->
    <user>user</user> <!-- mandatory -->
    <password>password</password> <!-- mandatory -->
    <get-radius-profile-access-test-detail-result/>
  </get-radius-profile-access-test-result>
</rpc>

```

Description Test user access to an access profile

Contents <profile-name>—Access profile name

<user>—User name to be authenticated to the RADIUS server

<password>—Password for the user

<get-radius-profile-access-test-detail-result>—Show radius attributes returned by the server

<get-radius-server-access-test-result>

Usage

```

<rpc>
  <get-radius-server-access-test-result>
    <address>address</address> <!-- mandatory -->
    <authentication-port>authentication-port</authentication-port>
    <secret>secret</secret> <!-- mandatory -->
    <user>user</user> <!-- mandatory -->
    <password>password</password> <!-- mandatory -->
    <timeout>timeout</timeout>
    <retry>retry</retry>
    <source-address>source-address</source-address>
  </get-radius-server-access-test-result>
</rpc>

```

Description Test user access to a radius server

Contents <address>—RADIUS server address

<authentication-port>—RADIUS server authentication port number

<secret>—Shared secret with the RADIUS server

<user>—User name to be authenticated to the RADIUS server

<password>—Password for the user

<timeout>—Request timeout period

<retry>—Retry attempts

<source-address>—Use specified address as source address

<get-rescue-information>

Usage

```
<rpc>
  <get-rescue-information>
    <format>format</format>
  </get-rescue-information>
</rpc>
```

Description Show rescue configuration

Contents <format>—Output format of configuration (XML or text)

- text - Output text configuration
- xml - Output XML configuration

<get-rip-general-statistics-information>

Usage

```
<rpc>
  <get-rip-general-statistics-information>
    <logical-system>logical-system</logical-system>
  </get-rip-general-statistics-information>
</rpc>
```

Description Show RIP general statistics

Contents <logical-system>—Name of logical system, or 'all'

<get-rip-neighbor-information>

Usage

```
<rpc>
  <get-rip-neighbor-information>
    <logical-system>logical-system</logical-system>
    <neighbor-name>neighbor-name</neighbor-name>
    <instance>instance</instance>
  </get-rip-neighbor-information>
</rpc>
```

Description Show RIP interfaces

- Contents** <logical-system>—Name of logical system, or 'all'
- all - Show all instances
 - instance-name - Name of RIP instance
- <neighbor-name>—Name of RIP neighbor
- all - Show all instances
 - instance-name - Name of RIP instance
- <instance>—Name of RIP instance
- all - Show all instances
 - instance-name - Name of RIP instance

<get-rip-statistics-information>

Usage

```
<rpc>
  <get-rip-statistics-information>
    <logical-system>logical-system</logical-system>
    <neighbor-name>neighbor-name</neighbor-name>
    <instance>instance</instance>
  </get-rip-statistics-information>
</rpc>
```

Description Show RIP statistics

- Contents** <logical-system>—Name of logical system, or 'all'
- all - Show all instances
 - instance-name - Name of RIP instance
- <neighbor-name>—Name of RIP neighbor
- all - Show all instances
 - instance-name - Name of RIP instance
- <instance>—Name of RIP instance
- all - Show all instances
 - instance-name - Name of RIP instance

<get-rmon-alarm-information>

Usage

```
<rpc>
```

```
<get-rmon-alarm-information>
<brief/>
<detail/>
</get-rmon-alarm-information>
</rpc>
```

Description Show RMON alarms

Contents <brief>—Display brief output (default)
<detail>—Display detailed output

<get-rmon-event-information>

Usage

```
<rpc>
<get-rmon-event-information>
<brief/>
<detail/>
</get-rmon-event-information>
</rpc>
```

Description Show RMON events

Contents <brief>—Display brief output (default)
<detail>—Display detailed output

<get-rmon-history-information>

Usage

```
<rpc>
<get-rmon-history-information>
<index>index</index>
<sample-index>sample-index</sample-index>
</get-rmon-history-information>
</rpc>
```

Description Show RMON history

Contents <index>—
<sample-index>—

<get-rmon-information>

Usage

```
<rpc>
  <get-rmon-information>
</get-rmon-information>
</rpc>
```

Description Show remote monitoring information

Contents <get-rmon-history-information>—Show RMON history
<get-rmon-alarm-information>—Show RMON alarms
<get-rmon-event-information>—Show RMON events
<get-rmon-log-information>—Show rmon monitoring logs

<get-rmon-log-information>

Usage

```
<rpc>
  <get-rmon-log-information/>
</rpc>
```

Description Show rmon monitoring logs

<get-rollback-information>

Usage

```
<rpc>
  <get-rollback-information>
    <rollback>rollback</rollback> <!-- mandatory -->
    <compare>compare</compare>
    <format>format</format>
  </get-rollback-information>
</rpc>
```

Description Show rolled back configuration

Contents <rollback>—Rollback number to display

- text - Output text configuration
- xml - Output XML configuration

<compare>—Rollback number to compare

- text - Output text configuration
- xml - Output XML configuration

<format>—Output format of configuration (XML or text)

- text - Output text configuration
- xml - Output XML configuration

<get-route-engine-information>

Usage

```
<rpc>
  <get-route-engine-information>
    <device>device</device> <!-- mandatory -->
    <slot>slot</slot>
  </get-route-engine-information>
</rpc>
```

Description Show Routing Engine status

Contents <device>—Device alias name or serial number

<slot>—Routing Engine slot number

<get-bios-version-information>—Show BIOS firmware version

<get-route-information>

Usage

```
<rpc>
  <get-route-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <destination>destination</destination>
    <all/>
    <terse/>
    <brief/>
    <detail/>
    <extensive/>
    <best/>
    <exact/>
    <range/>
    <table>table</table>
    <label>label</label>
    <ccc>ccc</ccc>
    <inactive-prefix/>
    <inactive-path/>
    <active-path/>
    <private/>
```

```

<damping>damping</damping>
<output>output</output>
<next-hop>next-hop</next-hop>
<source-gateway>source-gateway</source-gateway>
<protocol>protocol</protocol>
<advertising-protocol>advertising-protocol</advertising-protocol>
<bgp/>
<dvmrp/>
<pim/>
<ripng/>
<rip/>
<msdp/>
<neighbor>neighbor</neighbor>
<receive-protocol>receive-protocol</receive-protocol>
<bgp/>
<rip/>
<ripng/>
<dvmrp/>
<pim/>
<msdp/>
<peer>peer</peer>
<rd-prefix>rd-prefix</rd-prefix>
<aspath-regex>aspath-regex</aspath-regex>
<community>community</community>
<no-community/>
<community-name>community-name</community-name>
<label-switched-path>label-switched-path</label-switched-path>

<static-label-switched-path>static-label-switched-path</static-label-switched-path>

<hidden/>
<ne-id>ne-id</ne-id>
<fabric-route-type>fabric-route-type</fabric-route-type>
</get-route-information>
</rpc>

```

Description Show routing table information

Contents <get-forwarding-table-information>—Show entries in all forwarding tables

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System

- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<get-instance-information>—Show routing instances information

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol

- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<resolution>—Show next-hop resolution database

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses

- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<get-route-summary-information>—Show routing table statistics

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First

- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<martians>—Show martian networks

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2

- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<rib-groups>—Show group of routing tables

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3

- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<snooping>—Show routes for multicast snooping

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast

- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<logical-system>—Name of logical system, or 'all'

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol

- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<fabric>—Internal fabric state

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6

- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<destination>—IP address and optional prefix length of destination

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol

- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<all>—Show all entries, including hidden entries

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes

- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<terse>—Display terse output

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching

- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<brief>—Display brief output

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect

- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<detail>—Display detailed output

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol

- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<extensive>—Display extensive output

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network

- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<best>—Show longest matching route

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network

- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<exact>—Show routes that match exactly

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit

- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<range>—Show all entries in prefix range

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)

- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<table>—Name of routing table

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership

- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<label>—Label of entry in MPLS routing table

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
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- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel

- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<ccc>—Name of entry in MPLS table with a circuit cross-connect interface

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<inactive-prefix>—Show inactive route destinations

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
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- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<inactive-path>—Show inactive paths

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<active-path>—Show active paths

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<private>—Show private table routes

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<damping>—Show entries subjected to particular kind of route damping

- suppressed - Entries suppressed due to route damping
- history - Entries that are withdrawn but have history
- decayed - Entries that are decayed but not suppressed
- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
- ospf3 - Open Shortest Path First Version 3
- pim - Protocol Independent Multicast
- rip - Routing Information Protocol
- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route

- access - Access route
- access-internal - Access-internal route

<output>—Show entries sent out a particular interface

- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
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- ripng - Routing Information Protocol for IPv6
- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<next-hop>—IP address of next hop that is destination for entries

- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
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- rsvp - Resource Reservation Protocol
- static - Statically defined prefixes
- mpls - Multiprotocol Label Switching
- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<source-gateway>—IP address of source router for entries

- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol

- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses
- ospf - Open Shortest Path First
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- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<protocol>—Name of protocol that is source for entries

- aggregate - Locally generated aggregate route
- bgp - Border Gateway Protocol
- direct - Directly connected routes
- dvmrp - Distance Vector Multicast Routing Protocol
- isis - Intermediate System-to-Intermediate System
- esis - End System-to-Intermediate System
- ldp - Label Distribution Protocol
- local - Local system addresses

- ospf - Open Shortest Path First
- ospf2 - Open Shortest Path First Version 2
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- ccc - Circuit cross-connect
- msdp - Multicast Source Discovery Protocol
- vpn - Layer 3 virtual private network
- l2vpn - Layer 2 virtual private network
- l2circuit - Layer 2 circuit
- atmvpn - ATM over MPLS (ATM VPN)
- rtarget - Local route target VPN membership
- tunnel - Dynamic tunnel
- flow - Locally defined flow route
- access - Access route
- access-internal - Access-internal route

<advertising-protocol>—Show information in format intended for particular routing protocol

<bgp>—Border Gateway Protocol

<dvmrp>—Distance Vector Multicast Routing Protocol

<pim>—Protocol Independent Multicast

<ripng>—Routing Information Protocol for IPv6

<rip>—Routing Information Protocol

<msdp>—Multicast Source Discovery Protocol

<neighbor>—IP address of neighbor (local for RIP and RIPng)

<receive-protocol>—Show information in format received from particular routing protocol

<bgp>—Border Gateway Protocol

<rip>—Routing Information Protocol

<ripng>—Routing Information Protocol for IPv6

<dvmrp>—Distance Vector Multicast Routing Protocol

<pim>—Protocol Independent Multicast

<msdp>—Multicast Source Discovery Protocol

<peer>—IP address of neighbor

<rd-prefix>—Route distinguisher with ip prefix (rd:prefix)

<aspath-regex>—BGP AS path regular expression for entries to match

<community>—Identifier for community (can include wildcards)

<no-community>—Show entries with no associated community

<community-name>—Name of configured community policy to match

<label-switched-path>—Name of LSP tunnel associated with entries

<static-label-switched-path>—Name of static LSP tunnel associated with entries

<hidden>—Show hidden entries

<ne-id>—INE Identifier ipaddress

<fabric-route-type>—Fabric route type

<get-rtexport-table-information>—Show instance export information

<flow>—Show flow routing information

<get-route-summary-information>

Usage

```
<rpc>
  <get-route-summary-information>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
  </get-route-summary-information>
</rpc>
```

Description Show routing table statistics

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<get-rps-chassis-information>

Usage

```
<rpc>
  <get-rps-chassis-information/>
</rpc>
```

Description Show redundant power system chassis information

<get-rps-led-information>

Usage

```
<rpc>
  <get-rps-led-information/>
</rpc>
```

Description Show redundant power system led information

<get-rps-power-supply-information>

Usage

```
<rpc>
  <get-rps-power-supply-information/>
</rpc>
```

Description Show redundant power system power supply information

<get-rps-status-information>

Usage

```
<rpc>
  <get-rps-status-information/>
</rpc>
```

Description Show redundant power system status information

<get-rps-version-information>

Usage

```
<rpc>
  <get-rps-version-information/>
</rpc>
```

Description Show redundant power system version information

<get-rsvp-interface-information>

Usage

```

<rpc>
  <get-rsvp-interface-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <link-management/>
    <interface-name>interface-name</interface-name>
  </get-rsvp-interface-information>
</rpc>

```

Description Show RSVP interfaces

Contents

- <logical-system>—Name of logical system, or 'all'
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <extensive>—Display extensive output
- <link-management>—Display RSVP interfaces created by LMP
- <interface-name>—Name of logical interface

<get-rsvp-neighbor-information>

Usage

```

<rpc>
  <get-rsvp-neighbor-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-rsvp-neighbor-information>
</rpc>

```

Description Show RSVP neighbors

Contents

- <logical-system>—Name of logical system, or 'all'
- <brief>—Display brief output (default)
- <detail>—Display detailed output

<get-rsvp-session-information>

Usage

```
<rpc>
  <get-rsvp-session-information>
    <logical-system>logical-system</logical-system>
    <ingress/>
    <egress/>
    <transit/>
    <lsp/>
    <nolsp/>
    <up/>
    <down/>
    <unidirectional/>
    <bidirectional/>
    <p2mp/>
    <terse/>
    <brief/>
    <detail/>
    <extensive/>
    <statistics/>
    <bypass/>
    <session-name>session-name</session-name>
    <interface>interface</interface>
    <te-link>te-link</te-link>
  </get-rsvp-session-information>
</rpc>
```

Description Show active RSVP sessions

Contents

- <logical-system>—Name of logical system, or 'all'
- <ingress>—Display RSVP sessions originating at this router
- <egress>—Display RSVP sessions ending at this router
- <transit>—Display RSVP sessions transiting this router
- <lsp>—Display RSVP sessions used to set up LSPs
- <nolsp>—Display RSVP sessions not used to set up LSPs
- <up>—Display active LSPs
- <down>—Display inactive LSPs
- <unidirectional>—Display unidirectional RSVP sessions
- <bidirectional>—Display bidirectional RSVP sessions
- <p2mp>—Display point-to-multipoint RSVP sessions
- <terse>—Display terse output

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<statistics>—Display packet statistics

<bypass>—Display RSVP sessions used to protect LSPs

<session-name>—Name of RSVP session

<interface>—Name of interface

<te-link>—Name of traffic engineering link

<get-rsvp-statistics-information>

Usage

```
<rpc>
  <get-rsvp-statistics-information>
    <logical-system>logical-system</logical-system>
  </get-rsvp-statistics-information>
</rpc>
```

Description Show RSVP statistics

Contents <logical-system>—Name of logical system, or 'all'

<get-rsvp-version-information>

Usage

```
<rpc>
  <get-rsvp-version-information>
    <logical-system>logical-system</logical-system>
  </get-rsvp-version-information>
</rpc>
```

Description Show RSVP version

Contents <logical-system>—Name of logical system, or 'all'

<get-rtexport-instance-information>

Usage

```
<rpc>
  <get-rtexport-instance-information>
    <brief/>
    <detail/>
  </rpc>
```

```
<daemon-select>daemon-select</daemon-select>
<logical-system>logical-system</logical-system>
<fabric/>
<instance-name>instance-name</instance-name>
</get-rtexport-instance-information>
</rpc>
```

Description Show instance configuration and runtime information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<instance-name>—Name of instance

<get-rtexport-table-information>

Usage

```
<rpc>
<get-rtexport-table-information>
<daemon-select>daemon-select</daemon-select>
<logical-system>logical-system</logical-system>
<fabric/>
<brief/>
<detail/>
<table-name>table-name</table-name>
</get-rtexport-table-information>
</rpc>
```

Description Show instance export information

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<brief>—Display brief output (default)

<detail>—Display detailed output

<table-name>—Name of table

<get-rtexport-target-information>—Show VPN routing and forwarding route target export information

<get-rtexport-instance-information>—Show instance configuration and runtime information

<get-rtexport-target-information>

Usage

```

<rpc>
  <get-rtexport-target-information>
    <brief/>
    <detail/>
    <daemon-select>daemon-select</daemon-select>
    <logical-system>logical-system</logical-system>
    <fabric/>
    <community>community</community>
  </get-rtexport-target-information>
</rpc>

```

Description Show VPN routing and forwarding route target export information

Contents

- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <logical-system>—Name of logical system, or 'all'
- <fabric>—Internal fabric state
- <community>—Community to match (can include wildcards)

<get-rtflow-dep-information>

Usage

```

<rpc>
  <get-rtflow-dep-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <table>table</table>
    <destination>destination</destination>
  </get-rtflow-dep-information>
</rpc>

```

Description Show flow route validation tables

Contents

- <logical-system>—Name of logical system, or 'all'
- <brief>—Display brief output (default)
- <detail>—Display detailed output
- <table>—Name of unicast routing table
- <destination>—IP address and optional prefix length of destination

<get-sap-listen-information>

Usage

```
<rpc>
  <get-sap-listen-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-sap-listen-information>
</rpc>
```

Description Show addresses to listen for session announcements

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-scb-information>

Usage

```
<rpc>
  <get-scb-information/>
</rpc>
```

Description Show System Control Board status

<get-service-accounting-aggregation-as-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-as-information>
    <as-information>as-information</as-information>
    <limit>limit</limit>
    <order>order</order>
    <extensive/>
    <detail/>
    <terse/>
    <source-as>source-as</source-as>
    <destination-as>destination-as</destination-as>

    <input-snmp-interface-index>input-snmp-interface-index</input-snmp-interface-index>

    <output-snmp-interface-index>output-snmp-interface-index</output-snmp-interface-index>

  </get-service-accounting-aggregation-as-information>
```


</rpc>

Description Show aggregation type AS

Contents <as-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<source-as>—Filter term source-as

<destination-as>—Filter term destination AS

<input-snmp-interface-index>—Filter term input SNMP interface index

<output-snmp-interface-index>—Filter term output SNMP interface index

<get-service-accounting-aggregation-destination-prefix-information>

Usage

<rpc>

<get-service-accounting-aggregation-destination-prefix-information>

<destination-prefix-information>destination-prefix-information</destination-prefix-information>

<limit>limit</limit>

<order>order</order>

<extensive/>

<detail/>

<terse/>

<destination-prefix>destination-prefix</destination-prefix>

<destination-as>destination-as</destination-as>

<output-snmp-interface-index>output-snmp-interface-index</output-snmp-interface-index>

```
</get-service-accounting-aggregation-destination-prefix-information>
</rpc>
```

Description Show aggregation type destination-prefix

Contents <destination-prefix-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<destination-prefix>—Filter term destination prefix

<destination-as>—Filter term destination-as

<output-snmp-interface-index>—Filter term output SNMP interface index

<get-service-accounting-aggregation-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-information>
</get-service-accounting-aggregation-information>
</rpc>
```

Description Show aggregation information

Contents <get-service-accounting-aggregation-as-information>—Show aggregation type AS

<get-service-accounting-aggregation-protocol-port-information>—Show aggregation type protocol-port

<get-service-accounting-aggregation-source-prefix-information>—Show aggregation type source-prefix

<get-service-accounting-aggregation-destination-prefix-information>—Show aggregation type destination-prefix

<get-service-accounting-aggregation-source-destination-prefix-information>—Show aggregation type source-destination-prefix

<get-service-accounting-aggregation-template-information>—Show aggregation type template

<get-service-accounting-aggregation-protocol-port-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-protocol-port-information>
  <protocol-port-information>protocol-port-information</protocol-port-information>

  <limit>limit</limit>
  <order>order</order>
  <extensive/>
  <detail/>
  <terse/>
  <proto>proto</proto>
  <source-port>source-port</source-port>
  <destination-port>destination-port</destination-port>
</get-service-accounting-aggregation-protocol-port-information>
</rpc>
```

Description Show aggregation type protocol-port

Contents <protocol-port-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<proto>—Filter term protocol

<source-port>—Filter term source port

<destination-port>—Filter term destination port

<get-service-accounting-aggregation-source-destination-prefix-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-source-destination-prefix-information>

  <source-destination-prefix-information>source-destination-prefix-information</source-destination-prefix-information>

    <limit>limit</limit>
    <order>order</order>
    <extensive/>
    <detail/>
    <terse/>
    <source-prefix>source-prefix</source-prefix>
    <source-as>source-as</source-as>

    <input-snmp-interface-index>input-snmp-interface-index</input-snmp-interface-index>

    <destination-prefix>destination-prefix</destination-prefix>
    <destination-as>destination-as</destination-as>

    <output-snmp-interface-index>output-snmp-interface-index</output-snmp-interface-index>

  </get-service-accounting-aggregation-source-destination-prefix-information>
</rpc>
```

Description Show aggregation type source-destination-prefix

Contents <source-destination-prefix-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<source-prefix>—Filter term source prefix

<source-as>—Filter term source-as

<input-snmp-interface-index>—Filter term input SNMP interface index

<destination-prefix>—Filter term destination prefix

<destination-as>—Filter term destination-as

<output-snmp-interface-index>—Filter term output SNMP interface index

<get-service-accounting-aggregation-source-prefix-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-source-prefix-information>
  <source-prefix-information>source-prefix-information</source-prefix-information>

  <limit>limit</limit>
  <order>order</order>
  <extensive/>
  <detail/>
  <terse/>
  <source-prefix>source-prefix</source-prefix>
  <source-as>source-as</source-as>

  <input-snmp-interface-index>input-snmp-interface-index</input-snmp-interface-index>

  </get-service-accounting-aggregation-source-prefix-information>
</rpc>
```

Description Show aggregation type source-prefix

Contents <source-prefix-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first

- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<source-prefix>—Filter term source prefix

<source-as>—Filter term source-as

<input-snmp-interface-index>—Filter term input SNMP interface index

<get-service-accounting-aggregation-template-information>

Usage

```
<rpc>
  <get-service-accounting-aggregation-template-information>
    <template-name>template-name</template-name> <!-- mandatory -->
    <extensive/>
    <detail/>
    <terse/>
  </get-service-accounting-aggregation-template-information>
</rpc>
```

Description Show aggregation type template

Contents <template-name>—Name of template

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<get-service-accounting-error-inline-jflow-information>

Usage

```
<rpc>
  <get-service-accounting-error-inline-jflow-information>

  <inline-jflow-error-information>inline-jflow-error-information</inline-jflow-error-information>
  <!-- mandatory -->
  </get-service-accounting-error-inline-jflow-information>
</rpc>
```

Description Show service accounting inline Jflow error information

Contents <inline-jflow-error-information>—FPC Slot for inline Jflow

<get-service-accounting-errors-information>

Usage

```
<rpc>
  <get-service-accounting-errors-information>
    <error-information>error-information</error-information>
  </get-service-accounting-errors-information>
</rpc>
```

Description Show error statistics

Contents <error-information>—Name of service, wildcard, or 'all'

<get-service-accounting-error-inline-jflow-information>—Show service accounting inline Jflow error information

<get-service-accounting-flow-detail>

Usage

```
<rpc>
  <get-service-accounting-flow-detail>
    <flow-detail-information>flow-detail-information</flow-detail-information>
    <limit>limit</limit>
    <order>order</order>
    <extensive/>
    <detail/>
    <terse/>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>

    <input-snmp-interface-index>input-snmp-interface-index</input-snmp-interface-index>

    <output-snmp-interface-index>output-snmp-interface-index</output-snmp-interface-index>

    <source-as>source-as</source-as>
    <destination-as>destination-as</destination-as>
    <tos>tos</tos>
    <proto>proto</proto>
  </get-service-accounting-flow-detail>
</rpc>
```

Description Show flow detail

Contents <flow-detail-information>—Name of service, wildcard, or 'all'

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<limit>—Maximum number of flows to display

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<order>—Order for displaying flows

- bytes - Display largest number of bytes first
- packets - Display largest number of packets first

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<source-prefix>—Filter term source prefix

<destination-prefix>—Filter term destination prefix

<source-port>—Filter term source port

<destination-port>—Filter term destination port

<input-snmp-interface-index>—Filter term input SNMP interface index

<output-snmp-interface-index>—Filter term output SNMP interface index

<source-as>—Filter term source AS

<destination-as>—Filter term destination AS

<tos>—Filter term ToS

<proto>—Filter term protocol

<get-service-accounting-flow-information>

Usage

```
<rpc>
  <get-service-accounting-flow-information>
    <flow-information>flow-information</flow-information>
  </get-service-accounting-flow-information>
</rpc>
```

Description Show flow information

- Contents** <flow-information>—Name of service, wildcard, or 'all'
- <get-service-accounting-status-inline-jflow-flow-information>—Show service accounting inline Jflow flow information

<get-service-accounting-information>

Usage

```
<rpc>  
  <get-service-accounting-information>  
  </get-service-accounting-information>  
</rpc>
```

Description Show sampled accounting service

- Contents** <get-service-accounting-status-information>—Show service accounting parameters
- <get-service-accounting-usage-information>—Show CPU usage
- <get-service-accounting-memory-information>—Show memory information
- <get-service-accounting-flow-information>—Show flow information
- <get-service-accounting-flow-detail>—Show flow detail
- <get-service-accounting-aggregation-information>—Show aggregation information
- <get-service-accounting-errors-information>—Show error statistics
- <get-packet-distribution-information>—Show packet size distribution

<get-service-accounting-memory-information>

Usage

```
<rpc>  
  <get-service-accounting-memory-information>  
    <memory-information>memory-information</memory-information>  
  </get-service-accounting-memory-information>  
</rpc>
```

Description Show memory information

- Contents** <memory-information>—Name of service, wildcard, or 'all'

<get-service-accounting-status-information>

Usage

```
<rpc>  
  <get-service-accounting-status-information>
```

```
<status-information>status-information</status-information>
</get-service-accounting-status-information>
</rpc>
```

Description Show service accounting parameters

Contents <status-information>—Name of service, wildcard, or 'all'

<get-service-accounting-status-inline-jflow-information>—Show service accounting inline Jflow parameters

<get-service-accounting-status-inline-jflow-flow-information>

Usage

```
<rpc>
  <get-service-accounting-status-inline-jflow-flow-information>

  <inline-jflow-flow-information>inline-jflow-flow-information</inline-jflow-flow-information>
  <!-- mandatory -->
  </get-service-accounting-status-inline-jflow-flow-information>
</rpc>
```

Description Show service accounting inline Jflow flow information

Contents <inline-jflow-flow-information>—FPC Slot for inline Jflow

<get-service-accounting-status-inline-jflow-information>

Usage

```
<rpc>
  <get-service-accounting-status-inline-jflow-information>
  <inline-jflow-information>inline-jflow-information</inline-jflow-information> <!--
mandatory -->
  </get-service-accounting-status-inline-jflow-information>
</rpc>
```

Description Show service accounting inline Jflow parameters

Contents <inline-jflow-information>—FPC Slot for inline Jflow

<get-service-accounting-usage-information>

Usage

```
<rpc>
  <get-service-accounting-usage-information>
  <usage-information>usage-information</usage-information>
</get-service-accounting-usage-information>
```

```
</rpc>
```

Description Show CPU usage

Contents <usage-information>—Name of service, wildcard, or 'all'

<get-service-border-signaling-gateway-address-of-record>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-address-of-record>
</get-service-border-signaling-gateway-address-of-record>
</rpc>
```

Description Show border signaling gateway address of record

Contents <get-service-border-signaling-gateway-address-of-record-bindings>—Show address of record bindings

<get-service-border-signaling-gateway-address-of-record-bindings>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-address-of-record-bindings>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
    <address-of-record>address-of-record</address-of-record>
    <detail/>
  </get-service-border-signaling-gateway-address-of-record-bindings>
</rpc>
```

Description Show address of record bindings

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<address-of-record>—Address of record name

<detail>—Detail mode

<get-service-border-signaling-gateway-calls-duration>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-calls-duration>
</get-service-border-signaling-gateway-calls-duration>
</rpc>
```

Description Show border signaling gateway calls duration

Contents <get-service-border-signaling-gateway-statistics-calls-duration-by-sp>—Show border signaling gateway calls duration statistics grouped by service-point

<get-service-border-signaling-gateway-statistics-calls-duration-by-server>—Show border signaling gateway calls duration statistics grouped by server

<get-service-border-signaling-gateway-charging-statistics>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-charging-statistics>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-charging-statistics>
</rpc>
```

Description Show border signaling gateway accounting statistics

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-charging-status>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-charging-status>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-charging-status>
</rpc>
```

Description Show border signaling gateway accounting status

- Contents**
- <gateway>—Name of border signaling gateway
 - <master>—Query the master border signaling gateway (default)
 - <backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-information-by-contact>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-information-by-contact>
    <gateway>gateway</gateway> <!-- mandatory -->
    <contact>contact</contact>
    <brief/>
    <summary/>
    <detail/>
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-information-by-contact>
</rpc>
```

Description Show border signaling gateway information by contact

- Contents**
- <gateway>—Name of border signaling gateway
 - <contact>—Contact
 - <brief>—Display brief output (default)
 - <summary>—Display summary output
 - <detail>—Display detailed output
 - <master>—Query the master border signaling gateway (default)
 - <backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-information-by-request-uri>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-information-by-request-uri>
    <gateway>gateway</gateway> <!-- mandatory -->
    <uri>uri</uri>
    <brief/>
    <summary/>
    <detail/>
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-information-by-request-uri>
</rpc>
```

| | |
|--------------------|--|
| Description | Show border signaling gateway information by request uri |
| Contents | <p><gateway>—Name of border signaling gateway</p> <p><uri>—URI</p> <p><brief>—Display brief output (default)</p> <p><summary>—Display summary output</p> <p><detail>—Display detailed output</p> <p><master>—Query the master border signaling gateway (default)</p> <p><backup>—Query the backup border signaling gateway</p> |

<get-service-border-signaling-gateway-name-resolution-cache>

| | |
|--------------------|--|
| Usage | <pre><rpc> <get-service-border-signaling-gateway-name-resolution-cache> </get-service-border-signaling-gateway-name-resolution-cache> </rpc></pre> |
| Description | Show border signaling gateway name resolution cache content |
| Contents | <p><by-fqdn>—Show records for the Fully Qualified Domain Name</p> <p><get-service-border-signaling-gateway-name-resolution-cache-all>—Show contents of the cache</p> |

<get-service-border-signaling-gateway-name-resolution-cache-all>

| | |
|--------------------|--|
| Usage | <pre><rpc> <get-service-border-signaling-gateway-name-resolution-cache-all> <gateway>gateway</gateway> <!-- mandatory --> <master/> <backup/> </get-service-border-signaling-gateway-name-resolution-cache-all> </rpc></pre> |
| Description | Show contents of the cache |
| Contents | <p><gateway>—Name of border signaling gateway</p> <p><master>—Query the master border signaling gateway (default)</p> <p><backup>—Query the backup border signaling gateway</p> |

<get-service-border-signaling-gateway-routing-blacklist>

Usage

```

<rpc>
  <get-service-border-signaling-gateway-routing-blacklist>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-routing-blacklist>
</rpc>

```

Description Show border signaling gateway servers blacklist content

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-admission-control>

Usage

```

<rpc>
  <get-service-border-signaling-gateway-statistics-admission-control>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-admission-control>
</rpc>

```

Description Show border signaling gateway admission control profile statistics statistics

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-calls>

Usage

```

<rpc>
  <get-service-border-signaling-gateway-statistics-calls>
  </get-service-border-signaling-gateway-statistics-calls>
</rpc>

```

Description Show border signaling gateway calls statistics

- Contents** <get-service-border-signaling-gateway-statistics-calls-by-sp>—Show border signaling gateway calls statistics grouped by service-point
- <get-service-border-signaling-gateway-statistics-calls-by-server>—Show border signaling gateway calls statistics grouped by server

<get-service-border-signaling-gateway-statistics-calls-by-server>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-calls-by-server>
    <server-name>server-name</server-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-calls-by-server>
</rpc>
```

Description Show border signaling gateway calls statistics grouped by server

- Contents** <server-name>—Server name
- <gateway>—Name of border signaling gateway
- <master>—Query the master border signaling gateway (default)
- <backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-calls-by-sp>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-calls-by-sp>
    <service-point-name>service-point-name</service-point-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-calls-by-sp>
</rpc>
```

Description Show border signaling gateway calls statistics grouped by service-point

- Contents** <service-point-name>—Service point name or prefix
- <gateway>—Name of border signaling gateway
- <master>—Query the master border signaling gateway (default)
- <backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-calls-duration-by-server>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-calls-duration-by-server>
    <server-name>server-name</server-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-calls-duration-by-server>
</rpc>
```

Description Show border signaling gateway calls duration statistics grouped by server

Contents <server-name>—Server name

<gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-calls-duration-by-sp>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-calls-duration-by-sp>
    <service-point-name>service-point-name</service-point-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-calls-duration-by-sp>
</rpc>
```

Description Show border signaling gateway calls duration statistics grouped by service-point

Contents <service-point-name>—Service point name or prefix

<gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-calls-failed>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-calls-failed>
```

```
</get-service-border-signaling-gateway-statistics-calls-failed>
</rpc>
```

Description Show border signaling gateway failed calls statistics

Contents <get-service-border-signaling-gateway-statistics-failed-calls-by-sp>—Show border signaling gateway failed calls statistics grouped by service-point

<get-service-border-signaling-gateway-statistics-failed-calls-by-server>—Show border signaling gateway failed calls statistics grouped by server

<get-service-border-signaling-gateway-statistics-failed-calls-by-server>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-failed-calls-by-server>
    <server-name>server-name</server-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-failed-calls-by-server>
</rpc>
```

Description Show border signaling gateway failed calls statistics grouped by server

Contents <server-name>—Server name

<gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-border-signaling-gateway-statistics-failed-calls-by-sp>

Usage

```
<rpc>
  <get-service-border-signaling-gateway-statistics-failed-calls-by-sp>
    <service-point-name>service-point-name</service-point-name>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-border-signaling-gateway-statistics-failed-calls-by-sp>
</rpc>
```

Description Show border signaling gateway failed calls statistics grouped by service-point

Contents <service-point-name>—Service point name or prefix

<gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-bsg-denied-messages>

Usage

```
<rpc>
  <get-service-bsg-denied-messages>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-bsg-denied-messages>
</rpc>
```

Description Show information about dropped messages

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-bsg-information-by-call-context-id>

Usage

```
<rpc>
  <get-service-bsg-information-by-call-context-id>
    <gateway>gateway</gateway> <!-- mandatory -->
    <context-id>context-id</context-id>
    <brief/>
    <detail/>
    <master/>
    <backup/>
  </get-service-bsg-information-by-call-context-id>
</rpc>
```

Description Show border signaling gateway information by call context ID

Contents <gateway>—Name of border signaling gateway

<context-id>—Call context ID

<brief>—Display brief output (default)

<detail>—Display detailed output

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-bsg-registrations>

Usage

```
<rpc>
  <get-service-bsg-registrations>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-bsg-registrations>
</rpc>
```

Description Show border signaling gateway registrations statistics

Contents <gateway>—Name of border signaling gateway

<get-service-bsg-registrations-statistics>—Show registration statistics

<get-service-bsg-registrations-realm-statistics>—Realm statistics

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-bsg-registrations-realm-statistics>

Usage

```
<rpc>
  <get-service-bsg-registrations-realm-statistics>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
    <realm-name>realm-name</realm-name>
  </get-service-bsg-registrations-realm-statistics>
</rpc>
```

Description Realm statistics

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<realm-name>—

<get-service-bsg-registrations-statistics>

Usage

```
<rpc>
  <get-service-bsg-registrations-statistics>
    <gateway>gateway</gateway> <!-- mandatory -->
    <master/>
    <backup/>
  </get-service-bsg-registrations-statistics>
</rpc>
```

Description Show registration statistics

Contents <gateway>—Name of border signaling gateway

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-bsg-status-information>

Usage

```
<rpc>
  <get-service-bsg-status-information>
    <gateway>gateway</gateway> <!-- mandatory -->
    <brief/>
    <detail/>
    <master/>
    <backup/>
  </get-service-bsg-status-information>
</rpc>
```

Description Show border signaling gateway status information

Contents <gateway>—Name of border signaling gateway

<brief>—Display brief output (default)

<detail>—Display detailed output

<master>—Query the master border signaling gateway (default)

<backup>—Query the backup border signaling gateway

<get-service-cos-diffserv-statistics>

Usage

```
<rpc>
  <get-service-cos-diffserv-statistics>
```

```
<brief/>
<detail/>
<extensive/>
<summary/>
</get-service-cos-diffserv-statistics>
</rpc>
```

Description Show Diffserv marking statistics

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<summary>—Display summary output

<get-service-cos-forwarding-class-statistics>

Usage

```
<rpc>
<get-service-cos-forwarding-class-statistics>
<brief/>
<detail/>
<extensive/>
<summary/>
</get-service-cos-forwarding-class-statistics>
</rpc>
```

Description Show forwarding Class statistics

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<summary>—Display summary output

<get-service-cos-statistics-information>

Usage

```
<rpc>
<get-service-cos-statistics-information>
<brief/>
<detail/>
<extensive/>
<summary/>
<service-set>service-set</service-set>
<interface>interface</interface>
```

```

    </get-service-cos-statistics-information>
  </rpc>

```

| | |
|--------------------|---|
| Description | Show statistics |
| Contents | <p><brief>—Display brief output (default)</p> <p><detail>—Display detailed output</p> <p><extensive>—Display extensive output</p> <p><summary>—Display summary output</p> <p><service-set>—Name of service set</p> <p><interface>—Name of adaptive services interface</p> <p><get-service-cos-diffserv-statistics>—Show Diffserv marking statistics</p> <p><get-service-cos-forwarding-class-statistics>—Show forwarding Class statistics</p> |

<get-service-crtip-extensive-information>

Usage

```

<rpc>
  <get-service-crtip-extensive-information>
    <interface>interface</interface>
  </get-service-crtip-extensive-information>
</rpc>

```

| | |
|--------------------|---|
| Description | Show CRTIP extensive output |
| Contents | <interface>—Name of link services interface |

<get-service-crtip-flow-table-information>

Usage

```

<rpc>
  <get-service-crtip-flow-table-information>
    <interface>interface</interface>
  </get-service-crtip-flow-table-information>
</rpc>

```

| | |
|--------------------|---|
| Description | Show CRTIP flow table entries |
| Contents | <interface>—Name of link services interface |

<get-service-crtp-params-information>

Usage

```
<rpc>
  <get-service-crtp-params-information>
    <interface>interface</interface>
  </get-service-crtp-params-information>
</rpc>
```

Description Show Compressed Real-Time Protocol information

Contents <interface>—Name of link services interface

<get-service-crtp-extensive-information>—Show CRTP extensive output

<get-service-crtp-flow-table-information>—Show CRTP flow table entries

<get-service-deployment-service-information>

Usage

```
<rpc>
  <get-service-deployment-service-information/>
</rpc>
```

Description Show service deployment service information

<get-service-flow-analysis-information>

Usage

```
<rpc>
  <get-service-flow-analysis-information>
    <interface>interface</interface>
  </get-service-flow-analysis-information>
</rpc>
```

Description Show flow table entries

Contents <interface>—Name of adaptive services interface

<get-service-identification-statistics-information>

Usage

```
<rpc>
  <get-service-identification-statistics-information>
    <detail/>
  </get-service-identification-statistics-information>
```



```
</rpc>
```

Description Show service identification statistics

Contents <detail>—Display detailed statistics

<get-service-ids-destination-table-information>

Usage

```
<rpc>
  <get-service-ids-destination-table-information>
    <destination-prefix>destination-prefix</destination-prefix>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <order>order</order>
    <threshold>threshold</threshold>
    <limit>limit</limit>
    <extensive/>
    <brief/>
    <terse/>
  </get-service-ids-destination-table-information>
</rpc>
```

Description Show attack destination address table

Contents <destination-prefix>—Destination prefix to use as filter

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<service-set>—Name of service set

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<interface>—Name of adaptive services interface

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<order>—Specify table ordering criteria

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<threshold>—Minimum threshold for table entries

<limit>—Maximum number of entries to display

<extensive>—Display extensive output

<brief>—Display brief output (default)

<terse>—Display terse output

<get-service-ids-pair-table-information>

Usage

```
<rpc>
  <get-service-ids-pair-table-information>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <order>order</order>
    <threshold>threshold</threshold>
    <limit>limit</limit>
    <extensive/>
    <brief/>
    <terse/>
  </get-service-ids-pair-table-information>
</rpc>
```

Description Show attack source and destination address pair table

Contents <source-prefix>—Source prefix to use as filter

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<destination-prefix>—Destination prefix to use as filter

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received

- flows - Order by number of flows
- packets - Order by packets received

<service-set>—Name of service set

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<interface>—Name of adaptive services interface

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<order>—Specify table ordering criteria

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<threshold>—Minimum threshold for table entries

<limit>—Maximum number of entries to display

<extensive>—Display extensive output

<brief>—Display brief output (default)

<terse>—Display terse output

<get-service-ids-source-table-information>

Usage

```
<rpc>
  <get-service-ids-source-table-information>
    <source-prefix>source-prefix</source-prefix>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <order>order</order>
    <threshold>threshold</threshold>
    <limit>limit</limit>
    <extensive/>
    <brief/>
```

```
<terse/>
</get-service-ids-source-table-information>
</rpc>
```

Description Show attack source address table

Contents

<source-prefix>—Source prefix to use as filter

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<service-set>—Name of service set

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<interface>—Name of adaptive services interface

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<order>—Specify table ordering criteria

- anomalies - Order by number of anomalies (default)
- bytes - Order by bytes received
- flows - Order by number of flows
- packets - Order by packets received

<threshold>—Minimum threshold for table entries

<limit>—Maximum number of entries to display

<extensive>—Display extensive output

<brief>—Display brief output (default)

<terse>—Display terse output

<get-service-msp-alg-conversation-information>

Usage

```

<rpc>
  <get-service-msp-alg-conversation-information>
    <interface>interface</interface>
    <application-protocol>application-protocol</application-protocol>
    <extensive/>
    <brief/>
  </get-service-msp-alg-conversation-information>
</rpc>

```

Description Show alg conversations

Contents <interface>—Name of extension provider interface

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow

- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type

- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

<brief>—Display brief output (default)

<get-service-msp-alg-stats-information>

Usage

```
<rpc>
  <get-service-msp-alg-stats-information>
    <interface>interface</interface>
    <application-protocol>application-protocol</application-protocol>
  </get-service-msp-alg-stats-information>
</rpc>
```

Description Show ALG Statistics

Contents <interface>—Name of extension provider interface

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol

- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol

- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<get-service-msp-flow-table-information>

Usage

```
<rpc>  
<get-service-msp-flow-table-information>  
<all/>  
<limit>limit</limit>  
<extensive/>
```

```

<brief/>
<terse/>
<source-prefix>source-prefix</source-prefix>
<destination-prefix>destination-prefix</destination-prefix>
<source-port>source-port</source-port>
<destination-port>destination-port</destination-port>
<protocol>protocol</protocol>
<service-set>service-set</service-set>
<interface>interface</interface>
<application-protocol>application-protocol</application-protocol>
<get-service-sfw-flow-count-information/>
</get-service-msp-flow-table-information>
</rpc>

```

Description Show flow table entries

Contents <all>—Display all the entries

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane

- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol

- traceroute - Traceroute
- winframe - WinFrame

<limit>—Maximum number of entries to display

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT

- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol

- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931

- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<brief>—Display brief output (default)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell

- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<terse>—Display terse output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
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- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0

- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
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- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
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- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
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- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
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- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP

- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS

- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP

- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<interface>—Name of extension provider interface

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
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- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
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- rsh - Remote Shell
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- sip - Session Initiation Protocol
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- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
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- traceroute - Traceroute
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<get-service-sfw-flow-count-information>—Show count of matching entries

<get-service-nat-ipv6-multicast-information>

Usage

```
<rpc>
  <get-service-nat-ipv6-multicast-information>
</get-service-nat-ipv6-multicast-information>
</rpc>
```

Description Show interfaces with IPv6 multicast filter

Contents

<get-service-nat-mapping-brief>

Usage

```
<rpc>
  <get-service-nat-mapping-brief>
    <pool-name>pool-name</pool-name>
  </get-service-nat-mapping-brief>
</rpc>
```

Description Show NAT mapping brief

Contents <pool-name>—Name of pool

<get-service-nat-mapping-detail>

Usage

```
<rpc>
  <get-service-nat-mapping-detail>
    <pool-name>pool-name</pool-name>
  </get-service-nat-mapping-detail>
</rpc>
```

Description Show NAT mapping detail

Contents <pool-name>—Name of pool

<get-service-nat-mapping-summary>

Usage

```
<rpc>
  <get-service-nat-mapping-summary/>
</rpc>
```

Description Show NAT mapping summary

<get-service-nat-pool-information>

Usage

```
<rpc>
  <get-service-nat-pool-information>
    <pool-name>pool-name</pool-name>
    <brief/>
    <detail/>
  </get-service-nat-pool-information>
</rpc>
```

Description Show NAT pools information

Contents <pool-name>—Name of pool

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-service-nat-statistics-information>

Usage

```
<rpc>
  <get-service-nat-statistics-information>
```

```
<interface>interface</interface>
</get-service-nat-statistics-information>
</rpc>
```

Description Show NAT statistics

Contents <interface>—Name of extension provider interface

<get-service-pgcp-active-configuration-gateway>

Usage

```
<rpc>
<get-service-pgcp-active-configuration-gateway>
  <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
  <master/>
  <backup/>
</get-service-pgcp-active-configuration-gateway>
</rpc>
```

Description Show gateway active configuration

Contents <gateway-name>—Gateway name

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-pgcp-conversation-information>

Usage

```
<rpc>
<get-service-pgcp-conversation-information>
</get-service-pgcp-conversation-information>
</rpc>
```

Description Show PGCP conversations

Contents <get-service-pgcp-conversation-information-gateway>—Show PGCP conversations for gateway

<get-service-pgcp-conversation-information-gateway>

Usage

```
<rpc>
<get-service-pgcp-conversation-information-gateway>
  <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
  <service-set>service-set</service-set>
</get-service-pgcp-conversation-information-gateway>
</rpc>
```

```

<source-prefix>source-prefix</source-prefix>
<destination-prefix>destination-prefix</destination-prefix>
<source-port>source-port</source-port>
<destination-port>destination-port</destination-port>
<source-routing-instance>source-routing-instance</source-routing-instance>

<destination-routing-instance>destination-routing-instance</destination-routing-instance>

<protocol>protocol</protocol>
<brief/>
<extensive/>
<master/>
<backup/>
</get-service-pgcp-conversation-information-gateway>
</rpc>

```

Description Show PGCP conversations for gateway

Contents <gateway-name>—Gateway name

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<service-set>—Name of service set

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol

- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<source-prefix>`—Source prefix to use as filter

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol
- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<destination-prefix>`—Destination prefix to use as filter

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol

- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<source-port>`—Source port to use as filter

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol
- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<destination-port>`—Destination port to use as filter

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol

- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<source-routing-instance>`—Source routing-instance

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol
- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<destination-routing-instance>`—Destination routing-instance

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol

- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<protocol>`—IP protocol type to use as filter

- `icmp` - Internet Control Message Protocol
- `igmp` - Internet Group Management Protocol
- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol
- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)

`<brief>`—Display brief output

`<extensive>`—Display extensive output

`<master>`—Query the master RE or ms-pic (default)

`<backup>`—Query the backup ms-pic

<get-service-pgcp-flow-table-information>

Usage

```
<rpc>
  <get-service-pgcp-flow-table-information>
</get-service-pgcp-flow-table-information>
</rpc>
```

Description Show PGCP flow table entries

Contents <get-service-pgcp-flow-table-information-gateway>—Show packet-gateway-control-protocol information for gateway

<get-service-pgcp-flow-table-information-gateway>

Usage

```
<rpc>
  <get-service-pgcp-flow-table-information-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <gate-id>gate-id</gate-id>
    <service-set>service-set</service-set>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <source-routing-instance>source-routing-instance</source-routing-instance>
    <destination-routing-instance>destination-routing-instance</destination-routing-instance>

    <protocol>protocol</protocol>
    <get-service-pgcp-flow-count-information/>
    <brief/>
    <extensive/>
    <master/>
    <backup/>
  </get-service-pgcp-flow-table-information-gateway>
</rpc>
```

Description Show packet-gateway-control-protocol information for gateway

Contents <gateway-name>—Gateway name

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol

- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<gate-id>—Gate id

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<service-set>—Name of service set

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol

- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol

- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol

- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<source-routing-instance>—Source routing-instance

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<destination-routing-instance>—Destination routing-instance

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol

- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

<get-service-pgcp-flow-count-information>—Show count of matching entries

<brief>—Display brief output

<extensive>—Display extensive output

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-pgcp-gate>

Usage

```
<rpc>
  <get-service-pgcp-gate>
</get-service-pgcp-gate>
</rpc>
```

Description Show gate according to gate-id

Contents <get-service-pgcp-gate-gateway>—Show gate for gateway

<get-service-pgcp-gate-gateway>

Usage

```
<rpc>
  <get-service-pgcp-gate-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <gate-id>gate-id</gate-id> <!-- mandatory -->
    <extensive/>
    <brief/>
    <statistics/>
    <session-mirroring/>
    <master/>
    <backup/>
  </get-service-pgcp-gate-gateway>
</rpc>
```

Description Show gate for gateway

Contents <gateway-name>—Gateway name

<gate-id>—Gate id

<extensive>—Display extensive output

<brief>—Display brief output (default)

<statistics>—Display statistics for gate

<session-mirroring>—Display session mirroring for gate

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-pgcp-gates>

Usage

```
<rpc>
  <get-service-pgcp-gates>
</get-service-pgcp-gates>
</rpc>
```

Description Show list of gates

Contents <get-service-pgcp-gates-gateway>—Show all gates for gateway

<get-service-pgcp-gates-gateway>

Usage

```
<rpc>
  <get-service-pgcp-gates-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <extensive/>
    <brief/>
    <count/>
    <source-routing-instance>source-routing-instance</source-routing-instance>

    <destination-routing-instance>destination-routing-instance</destination-routing-instance>

    <master/>
    <backup/>
  </get-service-pgcp-gates-gateway>
</rpc>
```

Description Show all gates for gateway

Contents <gateway-name>—Gateway name

<extensive>—Display extensive output

<brief>—Display brief output (default)

<count>—Show count of matching entries

<source-routing-instance>—Source routing-instance

<destination-routing-instance>—Destination routing-instance

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-pgcp-statistics>

Usage

```
<rpc>
  <get-service-pgcp-statistics>
</get-service-pgcp-statistics>
</rpc>
```

Description Show pgcpd statistics

Contents <get-service-pgcp-statistics-gateway>—Show gateway statistics

<get-service-pgcp-statistics-gateway>

Usage

```
<rpc>
  <get-service-pgcp-statistics-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <brief/>
    <extensive/>
    <master/>
    <backup/>
  </get-service-pgcp-statistics-gateway>
</rpc>
```

Description Show gateway statistics

Contents <gateway-name>—Gateway name

<brief>—Display brief output (default)

<extensive>—Display extensive output

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-pgcp-terminations>

Usage

```
<rpc>
  <get-service-pgcp-terminations>
</get-service-pgcp-terminations>
</rpc>
```

Description Show list of terminations

Contents <get-service-pgcp-terminations-gateway>—Show list of terminations for gateway

<get-service-pgcp-terminations-gateway>

Usage

```
<rpc>
  <get-service-pgcp-terminations-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <termination-prefix>termination-prefix</termination-prefix>
    <h248/>
    <brief/>
    <count/>
    <master/>
    <backup/>
  </get-service-pgcp-terminations-gateway>
</rpc>
```

Description Show list of terminations for gateway

Contents <gateway-name>—Gateway name

<termination-prefix>—Termination-prefix to use as filter, default * (all)

<h248>—Display H248 output format

<brief>—Display brief output (default)

<count>—Show count of matching entries

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-service-set-cpu-statistics>

Usage

```
<rpc>
  <get-service-set-cpu-statistics>
    <service-set>service-set</service-set>
    <interface>interface</interface>
  </get-service-set-cpu-statistics>
</rpc>
```

Description Show service interface CPU utilization as a percentage

Contents <service-set>—Name of service set

<interface>—Name of adaptive services interface

<get-service-set-memory-statistics>

Usage

```
<rpc>
  <get-service-set-memory-statistics>
    <service-set>service-set</service-set>
    <interface>interface</interface>
  </get-service-set-memory-statistics>
</rpc>
```

Description Show service interface memory utilization

Contents <service-set>—Name of service set

<interface>—Name of adaptive services interface

<zone>—Show current memory usage zone

<get-service-set-packet-drop-statistics>

Usage

```
<rpc>
  <get-service-set-packet-drop-statistics>
    <interface>interface</interface>
  </get-service-set-packet-drop-statistics>
</rpc>
```

Description Show service set packet drop statistics

Contents <interface>—Name of adaptive services interface

<get-service-set-plugin-summary>

Usage

```
<rpc>
  <get-service-set-plugin-summary>
    <interface>interface</interface>
  </get-service-set-plugin-summary>
</rpc>
```

Description Show service set plugins summary

Contents <interface>—Name of extension provider interface

<get-service-set-summary-information>

Usage

```
<rpc>
  <get-service-set-summary-information>
    <interface>interface</interface>
  </get-service-set-summary-information>
</rpc>
```

Description Show service set summary information

Contents <interface>—Name of adaptive services interface

<get-service-set-syslog-statistics>

Usage

```
<rpc>
  <get-service-set-syslog-statistics>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <brief/>
    <detail/>
  </get-service-set-syslog-statistics>
</rpc>
```

Description Show service set syslog statistics

Contents <service-set>—Name of service set

<interface>—Name of adaptive services interface

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-service-set-tcp-mss-statistics>

Usage

```
<rpc>
  <get-service-set-tcp-mss-statistics>
    <interface>interface</interface>
  </get-service-set-tcp-mss-statistics>
</rpc>
```

Description Show service set TCP MSS statistics

Contents <interface>—Name of adaptive services interface

<get-service-sfw-conversation-information>

Usage

```
<rpc>
  <get-service-sfw-conversation-information>
    <all/>
    <limit>limit</limit>
    <extensive/>
    <brief/>
    <terse/>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <application-protocol>application-protocol</application-protocol>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <pgcp/>
  </get-service-sfw-conversation-information>
</rpc>
```

Description Show conversations

Contents <all>—Display all the entries

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol

- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP

- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<limit>—Maximum number of entries to display

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol

- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<brief>—Display brief output (default)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
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<terse>—Display terse output

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- sqlnet-v2 - Oracle SQL*Net Version 2

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- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
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<source-prefix>—Source prefix to use as filter

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- igmp - Internet Group Management Protocol
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- rsh - Remote Shell
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- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
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- traceroute - Traceroute
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<source-port>—Source port to use as filter

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<destination-port>—Destination port to use as filter

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- talk - Talk Program
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<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
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- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
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- icmp - ICMP
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- rpc-portmap - RPC portmap
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- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol

- gprs-gtp-c - GPRS Tunneling Control Plane
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<service-set>—Name of service set

<interface>—Name of adaptive services interface

<pgcp>—Use pgcp flow type as filter

<get-service-sfw-flow-table-information>

Usage

```
<rpc>
  <get-service-sfw-flow-table-information>
    <all/>
    <limit>limit</limit>
    <extensive/>
    <brief/>
    <terse/>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <application-protocol>application-protocol</application-protocol>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <pgcp/>
    <get-service-sfw-flow-count-information/>
  </get-service-sfw-flow-table-information>
</rpc>
```

Description Show flow table entries

Contents <all>—Display all the entries

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<limit>—Maximum number of entries to display

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<extensive>—Display extensive output

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<brief>—Display brief output (default)

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<terse>—Display terse output

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- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol

- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane

- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
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- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol

- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
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- mgcp-ca - MGCP-CA
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<source-port>—Source port to use as filter

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- igmp - Internet Group Management Protocol
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- udp - User Datagram Protocol

- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
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- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
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- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
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- mgcp-ua - MGCP-UA
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- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell

- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0

- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
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- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
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- rpc - RPC
- rpc-portmap - RPC portmap
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- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
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- snmp - SNMP
- sqlnet - SQLNet
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- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

<interface>—Name of adaptive services interface

<pgcp>—Use pgcp flow type as filter

<get-service-sfw-flow-count-information>—Show count of matching entries

<get-service-sfw-sip-call-information>

Usage

```
<rpc>
  <get-service-sfw-sip-call-information>
    <all/>
    <limit>limit</limit>
    <extensive/>
    <brief/>
    <terse/>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <application-protocol>application-protocol</application-protocol>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <get-service-sfw-sip-call-count-information/>
  </get-service-sfw-sip-call-information>
</rpc>
```

Description Show SIP call information

Contents <all>—Display all the entries

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS

- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
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- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<limit>—Maximum number of entries to display

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
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- icmp6 - Internet Control Message Protocol Version 6
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- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
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- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
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- realaudio - RealAudio
- rpc - RPC
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- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol

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- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol

- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
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- mgcp-ca - MGCP-CA
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- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
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- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
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- talk - Talk Program
- tftp - Trivial File Transfer Protocol

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<brief>—Display brief output (default)

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- igmp - Internet Group Management Protocol
- ipip - IP in IP
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- egp - Exterior gateway protocol
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- dce-rpc - DCE RPC
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- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
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- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
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- icmp - ICMP
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<terse>—Display terse output

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<source-prefix>—Source prefix to use as filter

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- shell - Shell

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- sun-rpc - Sun Microsystems RPC
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- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
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- ipip - IP in IP
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- egp - Exterior gateway protocol
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- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
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- number - Numeric protocol value (0 .. 255)
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- ftp - File Transfer Protocol
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- gprs-gtp-v0 - GPRS Tunneling Version 0

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- icmp - ICMP
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- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA

- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-port>—Destination port to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC

- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap

- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2

- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
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- login - Login
- mgcp-ca - MGCP-CA
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- rpc-portmap - RPC portmap
- rsh - Remote Shell
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- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
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- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
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- winframe - WinFrame

<service-set>—Name of service set

<interface>—Name of adaptive services interface

<get-service-sfw-sip-call-count-information>—Show count of matching entries

<get-service-sfw-sip-register-information>

Usage

```
<rpc>
<get-service-sfw-sip-register-information>
  <all/>
  <limit>limit</limit>
  <extensive/>
  <brief/>
  <terse/>
  <source-prefix>source-prefix</source-prefix>
  <destination-prefix>destination-prefix</destination-prefix>
  <source-port>source-port</source-port>
  <destination-port>destination-port</destination-port>
  <protocol>protocol</protocol>
  <application-protocol>application-protocol</application-protocol>
  <service-set>service-set</service-set>
  <interface>interface</interface>
  <get-service-sfw-sip-register-count-information/>
</get-service-sfw-sip-register-information>
</rpc>
```

Description Show SIP register information

Contents <all>—Display all the entries

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login

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- mgcp-ua - MGCP-UA
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- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<limit>—Maximum number of entries to display

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation

- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio

- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<extensive>—Display extensive output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC

- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet

- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<brief>—Display brief output (default)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323

- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<terse>—Display terse output

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol

- `ipip` - IP in IP
- `tcp` - Transmission Control Protocol
- `egp` - Exterior gateway protocol
- `udp` - User Datagram Protocol
- `rsvp` - Resource Reservation Protocol
- `gre` - Generic routing encapsulation
- `esp` - IPSec Encapsulating Security Payload
- `ah` - IP Security authentication header
- `icmp6` - Internet Control Message Protocol Version 6
- `ospf` - Open Shortest Path First
- `pim` - Protocol Independent Multicast
- `sctp` - Stream Control Transmission Protocol
- `number` - Numeric protocol value (0 .. 255)
- `bootp` - Bootstrap protocol
- `dce-rpc` - DCE RPC
- `dce-rpc-portmap` - DCE RPC portmap
- `dns` - Domain Name Service
- `exec` - Remote Execution Protocol
- `ftp` - File Transfer Protocol
- `gprs-gtp-c` - GPRS Tunneling Control Plane
- `gprs-gtp-u` - GPRS Tunneling User Plane
- `gprs-gtp-v0` - GPRS Tunneling Version 0
- `gprs-sctp` - GPRS Stream Control Protocol
- `h323` - H.323
- `icmp` - ICMP
- `ignore` - Ignore application type
- `iiop` - Internet Inter-ORB Protocol
- `ike-esp-nat` - IKE/ESP with NAT
- `ip` - IP
- `login` - Login
- `mgcp-ca` - MGCP-CA
- `mgcp-ua` - MGCP-UA
- `ms-rpc` - Microsoft RPC

- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-prefix>—Source prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6

- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
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- pptp - Point-to-Point Tunneling Protocol
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- rpc - RPC
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- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<destination-prefix>—Destination prefix to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol

- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
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- mgcp-ua - MGCP-UA
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- talk - Talk Program

- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<source-port>—Source port to use as filter

- icmp - Internet Control Message Protocol
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- gprs-gtp-c - GPRS Tunneling Control Plane
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- gprs-gtp-v0 - GPRS Tunneling Version 0
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<destination-port>—Destination port to use as filter

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- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol

- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<protocol>—IP protocol type to use as filter

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol

- number - Numeric protocol value (0 .. 255)
- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol

- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<application-protocol>—Application protocol type to use as filter

- bootp - Bootstrap protocol
- dce-rpc - DCE RPC
- dce-rpc-portmap - DCE RPC portmap
- dns - Domain Name Service
- exec - Remote Execution Protocol
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- h323 - H.323
- icmp - ICMP
- ignore - Ignore application type
- iiop - Internet Inter-ORB Protocol
- ike-esp-nat - IKE/ESP with NAT
- ip - IP
- login - Login
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- netbios - NetBIOS
- netshow - NetShow
- pptp - Point-to-Point Tunneling Protocol

- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rpc - RPC
- rpc-portmap - RPC portmap
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- shell - Shell
- snmp - SNMP
- sqlnet - SQLNet
- sqlnet-v2 - Oracle SQL*Net Version 2
- sun-rpc - Sun Microsystems RPC
- talk - Talk Program
- tftp - Trivial File Transfer Protocol
- traceroute - Traceroute
- winframe - WinFrame

<service-set>—Name of service set

<interface>—Name of adaptive services interface

<get-service-sfw-sip-register-count-information>—Show count of matching entries

<get-service-sfw-statistics-information>

Usage

```
<rpc>
  <get-service-sfw-statistics-information>
    <brief/>
    <detail/>
    <extensive/>
    <summary/>
    <service-set>service-set</service-set>
    <interface>interface</interface>
  </get-service-sfw-statistics-information>
</rpc>
```

Description Show statistics

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <extensive>—Display extensive output

 <summary>—Display summary output

 <service-set>—Name of service set

 <interface>—Name of adaptive services interface

 <application-protocol>—Application protocol type to use as filter

<get-service-softwire-ds-lite-flow-table-information>

Usage

```
<rpc>
  <get-service-softwire-ds-lite-flow-table-information>
    <AFTR>AFTR</AFTR>
    <B4>B4</B4>
  </get-service-softwire-ds-lite-flow-table-information>
</rpc>
```

Description Show ds-lite related softwire flows

Contents <AFTR>—AFTR IPV6 Address

 <B4>—B4 IPV6 Address

<get-service-softwire-flow-table-information>

Usage

```
<rpc>
  <get-service-softwire-flow-table-information>
    <service-set>service-set</service-set>
    <interface>interface</interface>
    <get-service-softwire-count-information/>
  </get-service-softwire-flow-table-information>
</rpc>
```

Description Show flow table entries

Contents <service-set>—Name of service set

 <interface>—Name of adaptive services interface

 <get-service-softwire-count-information>—Show count of matching entries

 <get-service-softwire-ds-lite-flow-table-information>—Show ds-lite related softwire flows

<get-service-softwire-v6rd-flow-table-information>—Show v6rd related softwire flows

<get-service-softwire-statistics-information>

Usage

```
<rpc>
  <get-service-softwire-statistics-information>
    <interface>interface</interface>
    <ds-lite/>
    <v6rd/>
  </get-service-softwire-statistics-information>
</rpc>
```

Description Show global softwire statistics

Contents <interface>—Name of adaptive services interface

<ds-lite>—Show softwire statistics for dslite

<v6rd>—Show softwire statistics for v6rd

<get-service-softwire-table-information>

Usage

```
<rpc>
  <get-service-softwire-table-information>
    <get-service-current-softwire-count-information/>
  </get-service-softwire-table-information>
</rpc>
```

Description Show softwire information

Contents <get-service-current-softwire-count-information>—Show count of softwires created

<get-service-softwire-flow-table-information>—Show flow table entries

<get-service-softwire-statistics-information>—Show global softwire statistics

<get-service-softwire-v6rd-flow-table-information>

Usage

```
<rpc>
  <get-service-softwire-v6rd-flow-table-information>
    <concentrator>concentrator</concentrator>
    <initiator>initiator</initiator>
  </get-service-softwire-v6rd-flow-table-information>
</rpc>
```

Description Show v6rd related software flows

Contents <concentrator>—Software concentrator IPV4 Address
 <initiator>—Software initiator IPV4 Address

<get-services-dynamic-flow-capture-content-destination-information>

Usage

```
<rpc>
  <get-services-dynamic-flow-capture-content-destination-information>
  <terse/>
  <capture-group>capture-group</capture-group> <!-- mandatory -->
  <destination-identifier>destination-identifier</destination-identifier> <!-- mandatory
-->
  </get-services-dynamic-flow-capture-content-destination-information>
</rpc>
```

Description Show DFC content destination information

Contents <terse>—Display terse output (default)
 <capture-group>—Capture group name
 <destination-identifier>—Content destination identifier

<get-services-dynamic-flow-capture-control-source-information>

Usage

```
<rpc>
  <get-services-dynamic-flow-capture-control-source-information>
  <detail/>
  <terse/>
  <capture-group>capture-group</capture-group> <!-- mandatory -->
  <source-identifier>source-identifier</source-identifier> <!-- mandatory -->
  </get-services-dynamic-flow-capture-control-source-information>
</rpc>
```

Description Show DFC control source information

Contents <detail>—Display detailed output
 <terse>—Display terse output (default)
 <capture-group>—Capture group name
 <source-identifier>—Control source identifier

<get-services-flow-collector-file-information>

Usage

```
<rpc>
  <get-services-flow-collector-file-information>
    <interface>interface</interface> <!-- mandatory -->
    <extensive/>
    <detail/>
    <terse/>
  </get-services-flow-collector-file-information>
</rpc>
```

Description Show file status information

Contents <interface>—Interface name

- all - All configured Collector PICs
- interface - Physical interface

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<get-services-flow-collector-information>

Usage

```
<rpc>
  <get-services-flow-collector-information>
    <extensive/>
    <detail/>
    <terse/>
    <interface>interface</interface> <!-- mandatory -->
  </get-services-flow-collector-information>
</rpc>
```

Description Show flow collector service information

Contents <extensive>—Display extensive output

- all - All configured Collector PICs
- interface - Physical interface

<detail>—Display detailed output

- all - All configured Collector PICs
- interface - Physical interface

<terse>—Display terse output (default)

- all - All configured Collector PICs
- interface - Physical interface

<interface>—Interface name

- all - All configured Collector PICs
- interface - Physical interface

<get-services-flow-collector-file-information>—Show file status information

<get-services-flow-collector-input-information>—Show input status information

<get-services-flow-collector-input-information>

Usage

```
<rpc>
  <get-services-flow-collector-input-information>
    <interface>interface</interface> <!-- mandatory -->
    <extensive/>
    <detail/>
    <terse/>
  </get-services-flow-collector-input-information>
</rpc>
```

Description Show input status information

Contents <interface>—Interface name

- all - All configured Collector PICs
- interface - Physical interface

<extensive>—Display extensive output

<detail>—Display detailed output

<terse>—Display terse output (default)

<get-services-l2tp-radius-accounting-servers-information>

Usage

```
<rpc>
  <get-services-l2tp-radius-accounting-servers-information/>
</rpc>
```

Description Show RADIUS accounting servers information

<get-services-l2tp-radius-accounting-statistics-information>

Usage

```
<rpc>  
  <get-services-l2tp-radius-accounting-statistics-information/>  
</rpc>
```

Description Show RADIUS accounting statistics information

<get-services-l2tp-radius-authentication-accounting-servers-information>

Usage

```
<rpc>  
  <get-services-l2tp-radius-authentication-accounting-servers-information/>  
</rpc>
```

Description Show RADIUS authentication and accounting servers information

<get-services-l2tp-radius-authentication-accounting-statistics-information>

Usage

```
<rpc>  
  <get-services-l2tp-radius-authentication-accounting-statistics-information/>  
</rpc>
```

Description Show RADIUS authentication and accounting statistics information

<get-services-l2tp-radius-authentication-servers-information>

Usage

```
<rpc>  
  <get-services-l2tp-radius-authentication-servers-information/>  
</rpc>
```

Description Show RADIUS authentication servers information

<get-services-l2tp-radius-authentication-statistics-information>

Usage

```
<rpc>  
  <get-services-l2tp-radius-authentication-statistics-information/>  
</rpc>
```

Description Show RADIUS authentication statistics information

<get-services-pgcpd-root-termination>

Usage

```
<rpc>
  <get-services-pgcpd-root-termination>
</get-services-pgcpd-root-termination>
</rpc>
```

Description Show root termination h248 information

Contents <get-services-pgcpd-root-termination-gateway>—Show root termination h248 information for gateway

<get-services-pgcpd-root-termination-gateway>

Usage

```
<rpc>
  <get-services-pgcpd-root-termination-gateway>
    <gateway-name>gateway-name</gateway-name> <!-- mandatory -->
    <master/>
    <backup/>
  </get-services-pgcpd-root-termination-gateway>
</rpc>
```

Description Show root termination h248 information for gateway

Contents <gateway-name>—Gateway name

<master>—Query the master RE or ms-pic (default)

<backup>—Query the backup ms-pic

<get-sfm-information>

Usage

```
<rpc>
  <get-sfm-information>
</get-sfm-information>
</rpc>
```

Description Show Switching and Forwarding Module status

Contents <detail>—Show detailed output

<get-sha1-checksum-information>

Usage

```
<rpc>
  <get-sha1-checksum-information>
    <path>path</path> <!-- mandatory -->
  </get-sha1-checksum-information>
</rpc>
```

Description Calculate SHA1 checksum of a file

Contents <path>—Path to filename

<get-sha256-checksum-information>

Usage

```
<rpc>
  <get-sha256-checksum-information>
    <path>path</path> <!-- mandatory -->
  </get-sha256-checksum-information>
</rpc>
```

Description Calculate SHA-256 checksum of a file

Contents <path>—Path to filename

<get-show-bridge-domain-all-ce-flood-route-information>

Usage

```
<rpc>
  <get-show-bridge-domain-all-ce-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-show-bridge-domain-all-ce-flood-route-information>
</rpc>
```

Description Show route for flooding traffic to all CE routers if no-local-switching is enabled

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Display information for a specified instance

<bridge-domain>—Display information for a specified bridge domain

<get-show-bridge-domain-ve-flood-route-information>

Usage

```
<rpc>
  <get-show-bridge-domain-ve-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
    <bridge-domain>bridge-domain</bridge-domain>
  </get-show-bridge-domain-ve-flood-route-information>
</rpc>
```

Description Show route for flooding traffic to all VE routers if no-local-switching is enabled

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Display information for a specified instance

<bridge-domain>—Display information for a specified bridge domain

<get-sib-information>

Usage

```
<rpc>
  <get-sib-information/>
</rpc>
```

Description Show Switch Interface Board status

<get-snapshot-information>

Usage

```
<rpc>
  <get-snapshot-information>
    <slice>slice</slice>
    <media>media</media>
  </get-snapshot-information>
</rpc>
```

Description Show snapshot information

Contents <slice>—Show snapshot information from specified partition

- 1 - Show snapshot information from first partition
- 2 - Show snapshot information from second partition
- alternate - Show snapshot information from alternate partition

- removable-compact-flash - Show snapshot information from removable compact flash
- compact-flash - Show snapshot information from compact flash
- usb - Show snapshot information from device connected to USB port
- hard-disk - Show snapshot information from hard disk
- internal - Show snapshot information from internal flash
- external - Show snapshot information from external flash

<media>—Media to show snapshot information from

- removable-compact-flash - Show snapshot information from removable compact flash
- compact-flash - Show snapshot information from compact flash
- usb - Show snapshot information from device connected to USB port
- hard-disk - Show snapshot information from hard disk
- internal - Show snapshot information from internal flash
- external - Show snapshot information from external flash

<get-snmp-inform-statistics>

Usage

```
<rpc>
  <get-snmp-inform-statistics/>
</rpc>
```

Description Show SNMP Inform request statistics

<get-snmp-information>

Usage

```
<rpc>
  <get-snmp-information/>
</rpc>
```

Description Show SNMP statistics

<get-snmp-object>

Usage

```
<rpc>
  <get-snmp-object>
  <decimal/>
```

```
        <ascii/>
        <snmp-object-name>snmp-object-name</snmp-object-name> <!-- mandatory
-->
    </get-snmp-object>
</rpc>
```

Description Get SNMP object value

Contents <decimal>—Decimal format (default)

<ascii>—Convert string indices to 'ascii-keys' representation

<snmp-object-name>—

<get-snmp-v3-access-information>

Usage

```
<rpc>
  <get-snmp-v3-access-information>
  <brief/>
  <detail/>
</get-snmp-v3-access-information>
</rpc>
```

Description Show SNMPv3 access information

Contents <brief>—Display brief output (default)

<detail>—Display detailed output

<get-snmp-v3-community-information>

Usage

```
<rpc>
  <get-snmp-v3-community-information/>
</rpc>
```

Description Show SNMPv3 community information

<get-snmp-v3-general-information>

Usage

```
<rpc>
  <get-snmp-v3-general-information/>
</rpc>
```

Description Show general SNMPv3 information

<get-snmp-v3-group-information>

Usage

```
<rpc>
  <get-snmp-v3-group-information/>
</rpc>
```

Description Show SNMPv3 security-to-group information

<get-snmp-v3-information>

Usage

```
<rpc>
  <get-snmp-v3-information>
</get-snmp-v3-information>
</rpc>
```

Description Show SNMP version 3 information

Contents

- <get-snmp-v3-general-information>—Show general SNMPv3 information
- <get-snmp-v3-usm-user-information>—Show SNMPv3 user information
- <get-snmp-v3-access-information>—Show SNMPv3 access information
- <get-snmp-v3-community-information>—Show SNMPv3 community information
- <get-snmp-v3-target-information>—Show SNMPv3 target information
- <get-snmp-v3-notify-information>—Show SNMPv3 notify information

<get-snmp-v3-notify-filter-information>

Usage

```
<rpc>
  <get-snmp-v3-notify-filter-information/>
</rpc>
```

Description Show SNMPv3 notify filter information

<get-snmp-v3-notify-information>

Usage

```
<rpc>
  <get-snmp-v3-notify-information>
```

```
</get-snmp-v3-notify-information>
</rpc>
```

Description Show SNMPv3 notify information

Contents <get-snmp-v3-notify-filter-information>—Show SNMPv3 notify filter information

<get-snmp-v3-target-address-information>

Usage

```
<rpc>
  <get-snmp-v3-target-address-information/>
</rpc>
```

Description Show SNMPv3 target address information

<get-snmp-v3-target-information>

Usage

```
<rpc>
  <get-snmp-v3-target-information>
  </get-snmp-v3-target-information>
</rpc>
```

Description Show SNMPv3 target information

Contents <get-snmp-v3-target-address-information>—Show SNMPv3 target address information

<get-snmp-v3-target-parameters-information>—Show SNMPv3 target parameters information

<get-snmp-v3-target-parameters-information>

Usage

```
<rpc>
  <get-snmp-v3-target-parameters-information/>
</rpc>
```

Description Show SNMPv3 target parameters information

<get-snmp-v3-usm-user-information>

Usage

```
<rpc>
  <get-snmp-v3-usm-user-information/>
```

```
</rpc>
```

Description Show SNMPv3 user information

<get-software-information>

Usage

```
<rpc>  
  <get-software-information>  
    <brief/>  
    <detail/>  
  </get-software-information>  
</rpc>
```

Description Show software process revision levels

Contents <brief>—Display brief output

<detail>—Display detailed output

<get-software-installation-status>

Usage

```
<rpc>  
  <get-software-installation-status/>  
</rpc>
```

Description Show status of software installation

<get-source-class-statistics>

Usage

```
<rpc>  
  <get-source-class-statistics>  
    <class-name>class-name</class-name> <!-- mandatory -->  
    <interface-name>interface-name</interface-name>  
  </get-source-class-statistics>  
</rpc>
```

Description Show statistics for source class

Contents <all>—Display all source class usage

<class-name>—Name of source class

<interface-name>—Name of logical interface

<get-spmb-information>

Usage

```
<rpc>
  <get-spmb-information>
</get-spmb-information>
</rpc>
```

Description Show Switch Processor Mezzanine Board status

Contents <get-spmb-sib-information>—Show Switch Interface Board status

<get-spmb-sib-information>

Usage

```
<rpc>
  <get-spmb-sib-information/>
</rpc>
```

Description Show Switch Interface Board status

<get-ssb-information>

Usage

```
<rpc>
  <get-ssb-information>
    <slot>slot</slot>
  </get-ssb-information>
</rpc>
```

Description Show System and Switch Board status

Contents <slot>—SSB slot number

<get-statistics-information>

Usage

```
<rpc>
  <get-statistics-information>
    <device>device</device> <!-- mandatory -->
    <ip/>
    <ip6/>
    <icmp/>
    <icmp6/>
    <tcp/>
    <udp/>
```

```
<igmp/>
<arp/>
<clns/>
<esis/>
<tnp/>
<rdp/>
<ttp/>
<tudp/>
<mpls/>
<ethoamcfm/>
<ethoamlfm/>
</get-statistics-information>
</rpc>
```

Description Show statistics for protocol

Contents

- <device>—Device alias name or serial number
- <ip>—IP version 4 (IPv4)
- <ip6>—IP version 6 (IPv6)
- <icmp>—Internet Control Message Protocol
- <icmp6>—Internet Control Message Protocol for IPv6
- <tcp>—Transmission Control Protocol
- <udp>—User Datagram Protocol
- <igmp>—Internet Gateway Management Protocol
- <arp>—Address Resolution Protocol
- <clns>—Connectionless Network Service
- <esis>—End System-to-Intermediate System
- <tnp>—Trivial Network Protocol
- <rdp>—Reliable Datagram Protocol
- <ttp>—TNP Tunneling Protocol
- <tudp>—Trivial User Datagram Protocol
- <mpls>—Multiprotocol Label Switching
- <ethoamcfm>—Ethernet OAM protocol for connectivity fault management
- <ethoamlfm>—Ethernet OAM protocol for link fault management
- <vpls>—Virtual private LAN service
- <bridge>—IEEE 802.1 Bridging

<get-subscriber-management-summary-information>

Usage

```
<rpc>
  <get-subscriber-management-summary-information/>
</rpc>
```

Description Show Subscriber management summary

<get-subscribers>

Usage

```
<rpc>
  <get-subscribers>
    <address>address</address>
    <interface>interface</interface>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <profile-name>profile-name</profile-name>
    <stacked-vlan-id>stacked-vlan-id</stacked-vlan-id>
    <vlan-id>vlan-id</vlan-id>
    <mac-address>mac-address</mac-address>
    <client-type>client-type</client-type>
    <subscriber-state>subscriber-state</subscriber-state>
    <terse/>
    <detail/>
    <extensive/>
    <count/>
  </get-subscribers>
</rpc>
```

Description Show subscriber information

Contents <address>—IPv4 or IPv6 address of subscriber

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<interface>—Interface name, or with wildcards (e.g. fe-0/0/*; fe-0/*/*)

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<logical-system>—Logical system where subscriber resides

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<routing-instance>—Routing instance where subscriber resides

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<profile-name>—Profile with which subscriber has been activated

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<stacked-vlan-id>—Stacked VLAN identifier of subscriber

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<vlan-id>—VLAN identifier of subscriber

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<mac-address>—MAC address of subscriber

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<client-type>—Client type of subscriber

- dhcp - DHCP clients only
- vlan - VLAN clients only
- ppp - PPP clients only
- pppoe - PPPoE clients only
- l2tp - L2TP clients only
- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<subscriber-state>—State of subscriber

- init - INIT state only
- configured - CONFIGURED state only
- active - ACTIVE state only
- terminating - TERMINATING state only
- terminated - TERMINATED state only

<get-subscribers-summary>—Display subscriber summary

<terse>—Display terse output

<detail>—Display detailed output

<extensive>—Display extensive output

<count>—Display number of subscribers

<get-subscribers-summary>

Usage

```
<rpc>
  <get-subscribers-summary>
    <logical-system>logical-system</logical-system>
    <routing-instance>routing-instance</routing-instance>
    <all/>
  </get-subscribers-summary>
</rpc>
```

Description Display subscriber summary

Contents <logical-system>—Display summary for specified logical system

<routing-instance>—Display summary for specified routing instance

<all>—Display full subscriber summary

<get-summary-mip-binding-information>

Usage

```
<rpc>
  <get-summary-mip-binding-information>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </get-summary-mip-binding-information>
</rpc>
```

Description Show summary of binding table

Contents <routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<get-switchover-information>

Usage

```
<rpc>
  <get-switchover-information/>
</rpc>
```

Description Show Routing Engine graceful switchover information

<get-synchronous-ethernet-esmc-statistics>

Usage

```
<rpc>
  <get-synchronous-ethernet-esmc-statistics>
    <interface>interface</interface>
    <brief/>
    <detail/>
  </get-synchronous-ethernet-esmc-statistics>
</rpc>
```

Description Show ESMC related statistics

Contents <interface>—Name of physical interface

<brief>—Display brief output

<detail>—Display detail output

<get-synchronous-ethernet-esmc-transmit>

Usage

```
<rpc>
  <get-synchronous-ethernet-esmc-transmit>
    <interface>interface</interface>
    <brief/>
    <detail/>
  </get-synchronous-ethernet-esmc-transmit>
</rpc>
```

Description Show ESMC enabled outgoing interfaces

Contents <interface>—Name of physical interface

<brief>—Display brief output

<detail>—Display detail output

<get-synchronous-ethernet-global-information>

Usage

```
<rpc>
  <get-synchronous-ethernet-global-information>
    <brief/>
  </get-synchronous-ethernet-global-information>
</rpc>
```

Description Show process related global information only

Contents <brief>—Display brief output

<get-syslog-events>

Usage

```
<rpc>
  <get-syslog-events>
    <stream>stream</stream> <!-- mandatory -->
    <event>event</event>
    <process>process</process>
    <priority>priority</priority>
    <host>host</host>
    <start-time>start-time</start-time>
    <stop-time>stop-time</stop-time>
    <parameter>parameter</parameter>
    <text-pattern>text-pattern</text-pattern>
    <count>count</count>
    <recorded/>
    <connection-id>connection-id</connection-id>
  </get-syslog-events>
</rpc>
```

Description Show system log messages

Contents

- <stream>—Name of stream (log file) containing messages to filter
- <event>—Event ID of messages to include in output
- <process>—Name of process generating messages to include in output
- <priority>—Facility and severity of messages to include in output
- <host>—Name of host generating messages to include in output
- <start-time>—Earliest timestamp of messages to include in output
- <stop-time>—Latest timestamp of messages to include in output
- <parameter>—Parameter (key=value) of messages to include in output
- <text-pattern>—Pattern in messages to include in output
- <count>—Number of messages to include in output
- <recorded>—Match only the recorded messages
- <connection-id>—Connection ID

<get-syslog-facility-information>

Usage

```
<rpc>
  <get-syslog-facility-information>
    <facility-name>facility-name</facility-name>
  </get-syslog-facility-information>
</rpc>
```

Description System facility messages

Contents <facility-name>—Facility name or regular expression

<get-syslog-filenames>

Usage

```
<rpc>
  <get-syslog-filenames/>
</rpc>
```

Description Get syslog file names

<get-syslog-tag-information>

Usage

```
<rpc>
  <get-syslog-tag-information>
    <syslog-tag>syslog-tag</syslog-tag>
  </get-syslog-tag-information>
</rpc>
```

Description System log error messages

Contents <syslog-tag>—System log tag or regular expression
<get-syslog-facility-information>—System facility messages

<get-system-alarm-information>

Usage

```
<rpc>
  <get-system-alarm-information/>
</rpc>
```

Description Show system alarm status

<get-system-archival>

Usage

```
<rpc>
  <get-system-archival/>
</rpc>
```

Description List files queued up for archive transfer

<get-system-firmware-information>

Usage

```
<rpc>
  <get-system-firmware-information>
    <compatibility/>
  </get-system-firmware-information>
</rpc>
```

Description Show all firmware version information

Contents <compatibility>—Show all firmware compatibility information

<get-system-resource-cleanup-processes-information>

Usage

```
<rpc>
  <get-system-resource-cleanup-processes-information>
    <detail/>
    <name_pid_choice>name_pid_choice</name_pid_choice>
    <process-name>process-name</process-name>
    <pid>pid</pid>
  </get-system-resource-cleanup-processes-information>
</rpc>
```

Description Show process resource cleanup information

Contents <detail>—Display detailed information

<process-name>—Process name

<pid>—Process identifier

<get-system-services-reverse-information>

Usage

```
<rpc>
```

```
<get-system-services-reverse-information/>
</rpc>
```

Description Show reverse telnet/SSH connection information

<get-system-storage>

Usage

```
<rpc>
  <get-system-storage>

  <detail/>
</get-system-storage>
</rpc>
```

Description Show local storage data

Contents <detail>—

<get-system-storage-partitions>—Show partitions information for the boot media

<get-system-storage-partitions>

Usage

```
<rpc>
  <get-system-storage-partitions/>
</rpc>
```

Description Show partitions information for the boot media

<get-system-uptime-information>

Usage

```
<rpc>
  <get-system-uptime-information/>
</rpc>
```

Description Show time since system and processes started

<get-system-users-information>

Usage

```
<rpc>
  <get-system-users-information>
  <no-resolve/>
</get-system-users-information>
```

```
</rpc>
```

Description Show users who are currently logged in

Contents <no-resolve>—Don't attempt to print addresses symbolically

<get-system-virtual-memory-information>

Usage

```
<rpc>
<get-system-virtual-memory-information>
  <device>device</device> <!-- mandatory -->
</get-system-virtual-memory-information>
</rpc>
```

Description Show kernel dynamic memory usage

Contents <device>—Device alias name or serial number

<get-task-memory-information>

Usage

```
<rpc>
<get-task-memory-information>
  <daemon-select>daemon-select</daemon-select>
  <logical-system>logical-system</logical-system>
  <fabric/>
  <summary/>
  <brief/>
  <detail/>
  <history/>
</get-task-memory-information>
</rpc>
```

Description Show memory utilization of routing tasks

Contents <logical-system>—Name of logical system, or 'all'

<fabric>—Internal fabric state

<summary>—Display current and maximum memory usage

<brief>—Display current/maximum/available memory

<detail>—Display memory usage by individual users

<history>—Display memory usage in the recent past

<get-ted-database-information>

Usage

```
<rpc>
  <get-ted-database-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
    <extensive/>
    <system-id>system-id</system-id>
  </get-ted-database-information>
</rpc>
```

Description Show current Traffic Engineering Database

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<system-id>—System ID or node ID

<get-ted-link-information>

Usage

```
<rpc>
  <get-ted-link-information>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </get-ted-link-information>
</rpc>
```

Description Show current Traffic Engineering Database link

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-ted-protocol-information>

Usage

```
<rpc>
  <get-ted-protocol-information>
```

```
<logical-system>logical-system</logical-system>
<brief/>
<detail/>
</get-ted-protocol-information>
</rpc>
```

Description Show current contributing protocols

Contents <logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-temperature-threshold-information>

Usage

```
<rpc>
<get-temperature-threshold-information>
<device>device</device> <!-- mandatory -->
</get-temperature-threshold-information>
</rpc>
```

Description Show chassis temperature threshold settings

Contents <device>—Device alias name or serial number

<get-tfeb-information>

Usage

```
<rpc>
<get-tfeb-information/>
</rpc>
```

Description Show Compact Forwarding Engine Board status

<get-uri-redirect-set-statistics-information>

Usage

```
<rpc>
<get-uri-redirect-set-statistics-information>
<detail/>
</get-uri-redirect-set-statistics-information>
</rpc>
```

Description Show URI redirect set statistics

Contents <detail>—Display detailed statistics

<get-vcpu-information>

Usage

```
<rpc>
  <get-vcpu-information>
    <detail/>
    <slot>slot</slot>
  </get-vcpu-information>
</rpc>
```

Description Show Visibility CPU status

Contents <detail>—Display detailed output
 <slot>—VCPU slot number

<get-vpls-all-ce-flood-route-information>

Usage

```
<rpc>
  <get-vpls-all-ce-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance> <!-- mandatory -->
  </get-vpls-all-ce-flood-route-information>
</rpc>
```

Description Show route for flooding traffic to all CE routers

Contents <logical-system>—Name of logical system
 <instance>—Display information for a specified vpls

<get-vpls-all-flood-route-information>

Usage

```
<rpc>
  <get-vpls-all-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance> <!-- mandatory -->
  </get-vpls-all-flood-route-information>
</rpc>
```

Description Show route for flooding traffic from customer edge router

Contents <logical-system>—Name of logical system

<instance>—Display information for a specified vpls

<get-vpls-alt-root-flood-route-information>

Usage

```
<rpc>
<get-vpls-alt-root-flood-route-information>
  <interface>interface</interface> <!-- mandatory -->
</get-vpls-alt-root-flood-route-information>
</rpc>
```

Description Show STP alt-root flooding route used for interface

Contents <interface>—Interface for which to show alternate-root flooding route

<get-vpls-ce-flood-route-information>

Usage

```
<rpc>
<get-vpls-ce-flood-route-information>
  <interface>interface</interface> <!-- mandatory -->
</get-vpls-ce-flood-route-information>
</rpc>
```

Description Show customer edge flood route

Contents <interface>—Interface for which to show CE flood route

<get-vpls-connection-information>

Usage

```
<rpc>
<get-vpls-connection-information>
  <logical-system>logical-system</logical-system>
  <instance>instance</instance>
  <local-site>local-site</local-site>
  <remote-site>remote-site</remote-site>
  <down/>
  <up/>
  <up-down/>
  <brief/>
  <extensive/>
  <history/>
  <status/>
  <summary/>
</get-vpls-connection-information>
</rpc>
```

Description Show VPLS connections information

Contents

- <logical-system>—Name of logical system, or 'all'
- <instance>—Name of VPLS instance
- <local-site>—Name or ID of VPLS local site
- <remote-site>—ID of VPLS remote site
- <down>—Display nonoperational connections
- <up>—Display operational connections
- <up-down>—Display both non- and operational connections (default)
- <brief>—Display one-line version of output
- <extensive>—Display connection status and history
- <history>—Display connection history
- <status>—Display connection and circuit status (default)
- <summary>—Display summary output

<get-vpls-event-queue-information>

Usage

```
<rpc>
  <get-vpls-event-queue-information/>
</rpc>
```

Description Show queue of pending VPLS flood events

<get-vpls-interface-mac-table>

Usage

```
<rpc>
  <get-vpls-interface-mac-table>
    <interface-choice>interface-choice</interface-choice> <!-- mandatory -->
    <interface-name>interface-name</interface-name>
    <all/>
    <detail/>
    <brief/>
    <extensive/>
    <count/>
  </get-vpls-interface-mac-table>
</rpc>
```

Description Display MAC table for a specified interface

Contents <interface-name>—Name of interface for which to display table

<all>—Display MAC table for all the interfaces

<detail>—Display detailed output

<brief>—Display brief output

<extensive>—Display extensive output

<count>—Display count only

<get-vpls-mac-table>

Usage

```
<rpc>
<get-vpls-mac-table>
  <instance>instance</instance>
  <logical-system>logical-system</logical-system>
  <vlan-id>vlan-id</vlan-id>
  <isid>isid</isid>
  <address>address</address>
  <detail/>
  <brief/>
  <extensive/>
  <count/>
</get-vpls-mac-table>
</rpc>
```

Description Show media access control table

Contents <get-vpls-interface-mac-table>—Display MAC table for a specified interface

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<instance>—Display information for a specified vpls

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<logical-system>—Name of logical system, or 'all'

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<vlan-id>—Display MAC address learned on a specified VLAN

- all-vlan - Display MAC addresses on all VLAN(s)
- vlan-id - Display MAC address learned on a specified VLAN
- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<isid>—Display Information for specified ISID or all ISID(s)

- all-isid - Display Information for all ISID(s)
- isid - Display information for a specified ISID

<address>—MAC address

<detail>—Display detailed output

<brief>—Display brief output

<extensive>—Display extensive output

<count>—Display count only

<get-vpls-mlp-flood-route-information>

Usage

```
<rpc>
  <get-vpls-mlp-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance> <!-- mandatory -->
  </get-vpls-mlp-flood-route-information>
</rpc>
```

Description Show route for flooding traffic to MAC learning chips

Contents <logical-system>—Name of logical system

<instance>—Display information for a specified vpls

<get-vpls-re-flood-route-information>

Usage

```

<rpc>
  <get-vpls-re-flood-route-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance> <!-- mandatory -->
  </get-vpls-re-flood-route-information>
</rpc>

```

Description Show route for Routing Engine flooding to all interfaces

Contents <logical-system>—Name of logical system

<instance>—Display information for a specified vpls

<get-vpls-statistics-information>

Usage

```

<rpc>
  <get-vpls-statistics-information>
    <logical-system>logical-system</logical-system>
    <instance>instance</instance>
  </get-vpls-statistics-information>
</rpc>

```

Description Show VPLS statistics information

Contents <logical-system>—Name of logical system, or 'all'

<instance>—Name of VPLS instance

<get-vrrp-information>

Usage

```

<rpc>
  <get-vrrp-information>
    <brief/>
    <detail/>
    <extensive/>
    <summary/>
    <logical-system>logical-system</logical-system>
  </get-vrrp-information>
</rpc>

```

Description Show Virtual Router Redundancy Protocol information

Contents <brief>—Display brief output (default)

 <detail>—Display detailed output

 <extensive>—Display extensive output

 <summary>—Display summary output

 <get-vrrp-interface-information>—Show VRRP interface

 <get-vrrp-track-interfaces>—Show VRRP track interfaces

 <logical-system>—Name of logical system

<get-vrrp-interface-information>

Usage

```
<rpc>
  <get-vrrp-interface-information>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <group>group</group>
    <logical-system>logical-system</logical-system>
  </get-vrrp-interface-information>
</rpc>
```

Description Show VRRP interface

Contents <interface-name>—Name of interface

 <group>—Number of VRRP group

 <logical-system>—Name of logical system

<get-vrrp-track-interfaces>

Usage

```
<rpc>
  <get-vrrp-track-interfaces>
    <interfaces/>
    <summary/>
    <detail/>
    <logical-system>logical-system</logical-system>
  </get-vrrp-track-interfaces>
</rpc>
```

Description Show VRRP track interfaces

Contents <interfaces>—Show all VRRP track interfaces

 <summary>—Display summary output (default)

<detail>—Display detailed output

<logical-system>—Name of logical system

<network-services>

Usage

```
<rpc>
  <network-services/>
</rpc>
```

Description Show chassis network services

<next-snmp-object>

Usage

```
<rpc>
  <next-snmp-object>
    <decimal/>
    <ascii/>
    <snmp-object-name>snmp-object-name</snmp-object-name> <!-- mandatory
-->
  </next-snmp-object>
</rpc>
```

Description Get next SNMP object value

Contents <decimal>—Decimal format (default)

<ascii>—Convert string indices to 'ascii-keys' representation

<snmp-object-name>—

<node-secret-file-table>

Usage

```
<rpc>
  <node-secret-file-table/>
</rpc>
```

Description Show SecurID server's node secret file path

<op-script>

Usage

```
<rpc>
  <op-script>
```

```
<script>script</script> <!-- mandatory -->
<detail/>
<argument>argument</argument>
</op-script>
</rpc>
```

Description Invoke an operation script

Contents <url>—Execution of remote op script

<script>—Name of script to run

<detail>—Display detailed output

<argument>—Argument to pass to script

<other-routing-engine>

Usage

```
<rpc>
  <other-routing-engine/>
</rpc>
```

Description Execute command on other routing engine

<ping>

Usage

```
<rpc>
  <ping>
    <count>count</count>
    <wait>wait</wait>
    <no-resolve/>
    <rapid/>
    <record-route/>
    <detail/>
    <do-not-fragment/>
    <loose-source>loose-source</loose-source>
    <interface>interface</interface>
    <interval>interval</interval>
    <source>source</source>
    <pattern>pattern</pattern>
    <size>size</size>
    <strict/>
    <strict-source>strict-source</strict-source>
    <ttl>tll</tll>
    <verbose/>
    <tos>tos</tos>
    <bypass-routing/>
    <inet/>
    <inet6/>
```

```

    <routing-instance>routing-instance</routing-instance>
    <mac-address>mac-address</mac-address>
    <host>host</host> <!-- mandatory -->
    <logical-system>logical-system</logical-system>
  </ping>
</rpc>

```

Description Ping remote target

Contents

- <mpls>—Ping label-switched path
- <vpls>—Ping VPLS MAC address
- <fibre-channel>—Probe fibre channel node
- <count>—Number of ping requests to send
- <wait>—Delay after sending last packet
- <no-resolve>—Don't attempt to print addresses symbolically
- <rapid>—Send requests rapidly (default count of 5)
- <record-route>—Record and report packet's path (IPv4)
- <detail>—Display incoming interface of received packet
- <do-not-fragment>—Don't fragment echo request packets (IPv4)
- <loose-source>—Intermediate loose source route entry (IPv4)
- <interface>—Source interface (multicast, all-ones, unrouted packets)
- <interval>—Delay between ping requests
- <source>—Source address of echo request
- <pattern>—Hexadecimal fill pattern
- <size>—Size of request packets
- <strict>—Use strict source route option (IPv4)
- <strict-source>—Intermediate strict source route entry (IPv4)
- <ttl>—IP time-to-live value (IPv6 hop-limit value)
- <verbose>—Display detailed output
- <tos>—IP type-of-service value
- <bypass-routing>—Bypass routing table, use specified interface
- <inet>—Force ping to IPv4 destination

<inet6>—Force ping to IPv6 destination

<routing-instance>—Routing instance for ping attempt

<mac-address>—MAC address of the nexthop in xx:xx:xx:xx:xx:xx format

<host>—Hostname or IP address of remote host

<logical-system>—Name of logical system

<request-ping-ethernet>—Ping to an ethernet host by unicast mac address

<relay-group-information>

Usage

```
<rpc>
  <relay-group-information>
    <group-index>group-index</group-index>
    <detail/>
  </relay-group-information>
</rpc>
```

Description Relay group information

Contents <group-index>—Group number

<detail>—Display detailed output

<relay-group-member>

Usage

```
<rpc>
  <relay-group-member>
    <group-index>group-index</group-index> <!-- mandatory -->
    <member-index>member-index</member-index>
    <detail/>
  </relay-group-member>
</rpc>
```

Description Relay group member information

Contents <group-index>—Group number

<member-index>—Member index

<detail>—Display detailed output

<relay-summary>

Usage

```
<rpc>
  <relay-summary/>
</rpc>
```

Description Relay status summary

<reload-eedebg-action-profile>

Usage

```
<rpc>
  <reload-eedebg-action-profile/>
</rpc>
```

Description Reload all datapath-debug action profile

<reload-event-scripts>

Usage

```
<rpc>
  <reload-event-scripts>
    <device>device</device> <!-- mandatory -->
  </reload-event-scripts>
</rpc>
```

Description Reload all existing event-scripts

Contents <device>—Device alias name or serial number

<request-appid-application-package-download>

Usage

```
<rpc>
  <request-appid-application-package-download>
  </request-appid-application-package-download>
</rpc>
```

Description Download application package

Contents <request-appid-application-package-download-version>—Version of application package to download

<request-appid-application-package-download-status>—Download and display installation status

<request-appid-application-package-download-status>

Usage

```
<rpc>
  <request-appid-application-package-download-status/>
</rpc>
```

Description Download and display installation status

<request-appid-application-package-download-version>

Usage

```
<rpc>
  <request-appid-application-package-download-version>
    <version-value>version-value</version-value> <!-- mandatory -->
  </request-appid-application-package-download-version>
</rpc>
```

Description Version of application package to download

Contents <version-value>—Version number (1 - 65535)

<request-appid-application-package-uninstall>

Usage

```
<rpc>
  <request-appid-application-package-uninstall>
    <all/>
    <predefined/>
    <customer-defined/>
  </request-appid-application-package-uninstall>
</rpc>
```

Description Uninstall application package

Contents <all>—Uninstall both predefined and customer defined applications

<predefined>—Uninstall predefined applications

<customer-defined>—Uninstall customer defined applications

<request-delete-rescue-configuration>

Usage

```
<rpc>
  <request-delete-rescue-configuration/>
</rpc>
```

Description Delete the rescue configuration

<request-dhcp-server-reconfigure-information>

Usage

```
<rpc>
  <request-dhcp-server-reconfigure-information>
    <reconfigure-choice>reconfigure-choice</reconfigure-choice> <!-- mandatory -->
    <address>address</address>
    <all/>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </request-dhcp-server-reconfigure-information>
</rpc>
```

Description Perform DHCP server reconfigure operation

Contents <address>—IP address or MAC address or Session Id of DHCP client binding

<all>—Reconfigure all clients

<interface>—Name of interface

<routing-instance>—Name of routing instance

<logical-system>—Name of logical system

<request-dhcpv6-server-reconfigure-information>

Usage

```
<rpc>
  <request-dhcpv6-server-reconfigure-information>
    <reconfigure-choice>reconfigure-choice</reconfigure-choice> <!-- mandatory -->
    <address>address</address>
    <all/>
    <routing-instance>routing-instance</routing-instance>
    <logical-system>logical-system</logical-system>
  </request-dhcpv6-server-reconfigure-information>
</rpc>
```

Description Perform DHCPv6 server reconfigure operation

Contents <address>—IPv6 Prefix or session-id or CID <cid-len/0x.../0x...> of DHCPv6 client binding

 <all>—Reconfigure all clients

 <interface>—Name of interface

 <routing-instance>—Name of routing instance

 <logical-system>—Name of logical system

<request-end-session>

Usage

```
<rpc>
  <request-end-session/>
</rpc>
```

Description Exit the management session

<request-feb>

Usage

```
<rpc>
  <request-feb>
    <slot>slot</slot> <!-- mandatory -->
    <offline/>
    <online/>
    <restart/>
  </request-feb>
</rpc>
```

Description Change Forwarding Engine Board status

Contents <slot>—FEB slot number

 <offline>—Take FEB offline

 <online>—Bring FEB online

 <restart>—Restart FEB

<request-ggsn-restart-interface>

Usage

```
<rpc>
  <request-ggsn-restart-interface>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </request-ggsn-restart-interface>
```

`</rpc>`

Description Restart GGSN service interface

Contents `<interface-name>`—Name of GGSN service interface

`<request-ggsn-restart-node>`

Usage

```
<rpc>
  <request-ggsn-restart-node/>
</rpc>
```

Description Restart GGSN node activity

`<request-ggsn-software-update>`

Usage

```
<rpc>
  <request-ggsn-software-update/>
</rpc>
```

Description Start GGSN in service update

`<request-ggsn-start-imsi-trace>`

Usage

```
<rpc>
  <request-ggsn-start-imsi-trace>
    <imsi-identifier>imsi-identifier</imsi-identifier> <!-- mandatory -->
  </request-ggsn-start-imsi-trace>
</rpc>
```

Description Start tracing International Mobile Subscriber Identity

Contents `<imsi-identifier>`—Identifier for IMSI

`<request-ggsn-start-msisdn-trace>`

Usage

```
<rpc>
  <request-ggsn-start-msisdn-trace>
    <msisdn-identifier>msisdn-identifier</msisdn-identifier> <!-- mandatory -->
  </request-ggsn-start-msisdn-trace>
```

```
</rpc>
```

Description Start tracing Mobile Station Integrated Services Digital Network

Contents <msisdn-identifier>—Identifier for MSISDN

<request-ggsn-stop-imsi-trace>

Usage

```
<rpc>
  <request-ggsn-stop-imsi-trace>
    <imsi-identifier>imsi-identifier</imsi-identifier> <!-- mandatory -->
  </request-ggsn-stop-imsi-trace>
</rpc>
```

Description Stop tracing International Mobile Subscriber Identity

Contents <imsi-identifier>—Identifier for IMSI

<request-ggsn-stop-interface>

Usage

```
<rpc>
  <request-ggsn-stop-interface>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </request-ggsn-stop-interface>
</rpc>
```

Description Stop GGSN service interface

Contents <interface-name>—Name of GGSN service interface

<request-ggsn-stop-msisdn-trace>

Usage

```
<rpc>
  <request-ggsn-stop-msisdn-trace>
    <msisdn-identifier>msisdn-identifier</msisdn-identifier> <!-- mandatory -->
  </request-ggsn-stop-msisdn-trace>
</rpc>
```

Description Stop tracing Mobile Station Integrated Services Digital Network

Contents <msisdn-identifier>—Identifier for MSISDN

<request-ggsn-stop-node>

Usage

```
<rpc>
  <request-ggsn-stop-node/>
</rpc>
```

Description Stop GGSN node activity

<request-ggsn-stop-trace-activity>

Usage

```
<rpc>
  <request-ggsn-stop-trace-activity/>
</rpc>
```

Description Stop all tracing

<request-ggsn-terminate-context>

Usage

```
<rpc>
  <request-ggsn-terminate-context>
    <imsi>imsi</imsi> <!-- mandatory -->
    <nsapi>nsapi</nsapi>
  </request-ggsn-terminate-context>
</rpc>
```

Description Terminate specified kind of PDP context

Contents <request-ggsn-terminate-msisdn-context>—Terminate context for Mobile Station Integrated Services Digital Network

<imsi>—Identifier for International Mobile Subscriber Identity

<nsapi>—Network layer service access point identifier

<request-ggsn-terminate-contexts-apn>

Usage

```
<rpc>
  <request-ggsn-terminate-contexts-apn>
    <apn-name>apn-name</apn-name> <!-- mandatory -->
    <user-category>user-category</user-category>
  </request-ggsn-terminate-contexts-apn>
</rpc>
```

Description Terminate all PDP contexts in access point name

Contents <apn-name>—Name of access point name

- default -
- user-value -

<user-category>—Name of user category ('default' or 1..63)

- default -
- user-value -

<request-ggsn-terminate-msisdn-context>

Usage

```
<rpc>
  <request-ggsn-terminate-msisdn-context>
    <msisdn>msisdn</msisdn> <!-- mandatory -->
  </request-ggsn-terminate-msisdn-context>
</rpc>
```

Description Terminate context for Mobile Station Integrated Services Digital Network

Contents <msisdn>—Identifier for MSISDN

<request-halt>

Usage

```
<rpc>
  <request-halt>
    <at>at</at>
    <in>in</in>
    <message>message</message>
    <power-off>power-off</power-off>
    <media>media</media>
    <slice>slice</slice>
    <both-routing-engines/>
    <other-routing-engine/>
  </request-halt>
</rpc>
```

Description Halt the system

Contents <at>—Time at which to perform the operation

- fpc - Power off FPCs
- disk - Boot off hard disk

- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<in>—Number of minutes to delay before operation

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<message>—Message to display to all users

- fpc - Power off FPCs
- disk - Boot off hard disk

- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<power-off>—Power-off FRUs before shutting down RE

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<media>—Boot media for next boot

- disk - Boot off hard disk
- compact-flash - Standard boot off flash device

- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<slice>—Partition on boot media to boot from

- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<both-routing-engines>—Halt both Routing Engines

<other-routing-engine>—Halt other Routing Engine

<request-idp-policy-load>

Usage

```
<rpc>
  <request-idp-policy-load>
    <policy>policy</policy>
    <no-ai/>
    <detector>detector</detector>
  </request-idp-policy-load>
</rpc>
```

Description Load a compiled policy

Contents <policy>—Compiled policy file name

<no-ai>—Application identification flag

<detector>—Detector file name

<request-idp-security-package-download>

Usage

```
<rpc>
  <request-idp-security-package-download>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <download-choice>download-choice</download-choice>
    <full-update/>
    <check-server/>
    <policy-templates/>
    <precompiled-policy/>
    <status/>
    <policy-template-file/>
    <policy-template-result/>
  </request-idp-security-package-download>
</rpc>
```

Description Download security package (Package includes detector and deltas for attack table)

Contents <re0>—RE0

<re1>—RE1

<full-update>—Download package with complete attack table

<check-server>—Retrieve version information for latest package on server

<policy-templates>—Download policy templates

<precompiled-policy>—Download pre-compiled 'Recommended' policy and detector for it

<status>—Retrieve the status of security package download operation

<policy-template-file>—Current status of policy template file

<policy-template-result>—Status of policy templates operation

<request-idp-security-package-download-version>—Version of package to download

<request-idp-security-package-download-version>

Usage

```
<rpc>
  <request-idp-security-package-download-version>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <version-value>version-value</version-value> <!-- mandatory -->
    <full-update/>
```

```

    </request-idp-security-package-download-version>
  </rpc>

```

Description Version of package to download

Contents <re0>—RE0

<re1>—RE1

<version-value>—Version number

<full-update>—Download package with complete attack table

<request-idp-security-package-install>

Usage

```

<rpc>
  <request-idp-security-package-install>
    <re-selector-idpd>re-selector-idpd</re-selector-idpd>
    <re0/>
    <re1/>
    <install-choice>install-choice</install-choice>
    <update-attack-database-only/>
    <policy-templates/>
    <precompiled-policy/>
    <older-detector/>
    <status/>
    <policy-template-result/>
  </request-idp-security-package-install>
</rpc>

```

Description Update attack database, active policy, detector with new package

Contents <re0>—RE0

<re1>—RE1

<update-attack-database-only>—Don't update/push active policy or detector to data plane

<policy-templates>—Update previously installed policy-templates with newly downloaded ones

<precompiled-policy>—Update dataplane 'Recommended' policy and detector for it with newly downloaded ones

<older-detector>—Update dataplane with older detector

<status>—Retrieve the status of security package load operation

<policy-template-result>—Status of policy templates operation

<request-idp-ssl-key-add>

Usage

```
<rpc>
  <request-idp-ssl-key-add>
    <key-name>key-name</key-name> <!-- mandatory -->
    <file>file</file>
    <password>password</password>
    <server>server</server>
  </request-idp-ssl-key-add>
</rpc>
```

Description Add SSL key and server

Contents <key-name>—Key name

<file>—Key file

<password>—Password used to encrypt private key

<server>—Server IP address

<request-idp-ssl-key-delete>

Usage

```
<rpc>
  <request-idp-ssl-key-delete>
    <key-name>key-name</key-name>
    <server>server</server>
  </request-idp-ssl-key-delete>
</rpc>
```

Description Delete SSL keys and servers

Contents <key-name>—Key name

<server>—Server IP address

<request-license-delete>

Usage

```
<rpc>
  <request-license-delete>
    <license-identifier>license-identifier</license-identifier> <!-- mandatory -->
  </request-license-delete>
</rpc>
```

Description Delete license keys

Contents <license-identifier>—Identifier of installed license key

<request-license-update>

Usage

```
<rpc>
  <request-license-update>
    <trial/>
  </request-license-update>
</rpc>
```

Description Start autoupdate license keys from LMS servers

Contents <trial>—Start autoupdate trial license keys from LMS servers

<request-logout-user>

Usage

```
<rpc>
  <request-logout-user>
    <all/>
    <user>user</user>
    <terminal>terminal</terminal>
    <pid>pid</pid>
  </request-logout-user>
</rpc>
```

Description Forcibly end user's CLI login session

Contents <all>—Logout all sessions owned by user

<user>—Name of user

<terminal>—Terminal user is logged in to

<pid>—Management process ID for user

<request-monitor-ethernet-delay-measurement>

Usage

```
<rpc>
  <request-monitor-ethernet-delay-measurement>
    <one-way/>
    <two-way/>
    <wait>wait</wait>
    <count>count</count>
```

```
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
    <remote-mac-address>remote-mac-address</remote-mac-address>
    <mep>mep</mep>
    <priority>priority</priority>
    <size>size</size>
    <no-session-id-tlv/>
    <logical-system>logical-system</logical-system>
</request-monitor-ethernet-delay-measurement>
</rpc>
```

Description Trigger ethernet delay measurement from local to remote host

Contents

- <one-way>—One-way delay measurement
- <two-way>—Two-way delay measurement
- <wait>—Delay after sending last packet
- <count>—Number of delay measurement requests to send
- <maintenance-domain>—Name of maintenance domain
- <maintenance-association>—Name of maintenance association
- <remote-mac-address>—MAC address of remote host in xx:xx:xx:xx:xx:xx format
- <mep>—MEP identifier of remote host
- <priority>—Priority (802.1p) value of delay measurement request frame
- <size>—Size of data in data TLV of request packets
- <no-session-id-tlv>—Suppress insertion of session id tlv in request packet
- <logical-system>—Name of logical system

<request-monitor-ethernet-loss-measurement>

Usage

```
<rpc>
<request-monitor-ethernet-loss-measurement>
  <wait>wait</wait>
  <count>count</count>
  <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
  <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
  <remote-mac-address>remote-mac-address</remote-mac-address>
  <mep>mep</mep>
  <priority>priority</priority>
```



```

    <no-session-id-tlv/>
  </request-monitor-ethernet-loss-measurement>
</rpc>

```

Description Trigger ethernet loss measurement from local to remote host

Contents

- <wait>—Delay after sending last packet
- <count>—Number of loss measurement requests to send
- <maintenance-domain>—Name of maintenance domain
- <maintenance-association>—Name of maintenance association
- <remote-mac-address>—MAC address of remote host in xx:xx:xx:xx:xx:xx format
- <mep>—MEP identifier of remote host
- <priority>—Priority (802.1p) value of the loss measurement request frame
- <no-session-id-tlv>—Suppress insertion of session id tlv in request packet

<request-package-add>

Usage

```

<rpc>
  <request-package-add>
    <force/>
    <reboot/>
    <delay-restart/>
    <no-copy/>
    <validate_choice>validate_choice</validate_choice>
    <no-validate/>
    <validate/>
    <best-effort-load/>
    <unlink/>
    <partition/>
    <package-options>package-options</package-options> <!-- mandatory -->
    <set>set</set>
    <package-name>package-name</package-name>
    <re-choice>re-choice</re-choice>
    <re0/>
    <re1/>
    <chassis>chassis</chassis>
    <scc/>
    <lcc>lcc</lcc>
    <sfc/>
    <member>member</member>
    <dont-forward/>
  </request-package-add>
</rpc>

```

Description Add extension or upgrade package

Contents

- <force>—Force addition of package (ignore warnings)
- <reboot>—Reboot system after adding package
- <delay-restart>—Don't restart processes
- <no-copy>—Don't save copies of package files
- <no-validate>—Don't check compatibility with current configuration
- <validate>—Check compatibility with current configuration
- <best-effort-load>—Load succeeds if at least one statement is valid
- <unlink>—Remove the package after successful installation
- <partition>—Format and re-partition the media before installation
- <set>—List of URLs or pathnames corresponding to packages
- <package-name>—URL or pathname of package
- <re0>—Install package on RE0
- <re1>—Install package on RE1
- <sc0>—Install package on SCC
- <lcc>—Install package on an LCC
- <sfc>—Install package on SFC
- <member>—Install package on VC Member
- <dont-forward>—

<request-package-delete>

Usage

```
<rpc>
  <request-package-delete>
    <force/>
    <package-name>package-name</package-name> <!-- mandatory -->
  </request-package-delete>
</rpc>
```

Description Remove extension or upgrade package

Contents

- <force>—Force removal of package (ignore warnings)
- <package-name>—Name of package

<request-package-delete-backup>

Usage

```
<rpc>
  <request-package-delete-backup/>
</rpc>
```

Description Delete old system software packages

<request-package-in-service-upgrade>

Usage

```
<rpc>
  <request-package-in-service-upgrade>
    <reboot/>
    <package-name>package-name</package-name> <!-- mandatory -->
    <no-old-master-upgrade/>
    <no-copy/>
    <unlink/>
  </request-package-in-service-upgrade>
</rpc>
```

Description In-service software upgrade

Contents <reboot>—Reboot system after adding package

<package-name>—URL or pathname of package

<no-old-master-upgrade>—Don't upgrade the old master after switchover

<no-copy>—Don't save copies of package files

<unlink>—Remove the package after successful installation

<request-package-nonstop-upgrade>

Usage

```
<rpc>
  <request-package-nonstop-upgrade>
    <reboot/>
    <package-name>package-name</package-name> <!-- mandatory -->
    <no-old-master-upgrade/>
    <no-copy/>
    <unlink/>
  </request-package-nonstop-upgrade>
</rpc>
```

Description Nonstop software upgrade

Contents <reboot>—Reboot system after adding package

 <package-name>—URL or pathname of package

 <no-old-master-upgrade>—Don't upgrade the old master after switchover

 <no-copy>—Don't save copies of package files

 <unlink>—Remove the package after successful installation

<request-package-rollback>

Usage

```
<rpc>
  <request-package-rollback/>
</rpc>
```

Description Attempt to roll back to previous set of packages

<request-package-validate>

Usage

```
<rpc>
  <request-package-validate>
    <package-name>package-name</package-name> <!-- mandatory -->
    <chassis>chassis</chassis>
    <scc/>
    <lcc>lcc</lcc>
    <sfc/>
    <member>member</member>
    <dont-forward/>
  </request-package-validate>
</rpc>
```

Description Verify package compatibility with current configuration

Contents <check-in-service-upgrade>—Check in-service software upgrade

 <package-name>—URL or path of package

 <scc>—Validate package on SCC

 <lcc>—Validate package on an LCC

 <sfc>—Validate package on SFC

 <member>—Install package on VC Member

 <dont-forward>—

<request-ping-bgp-lsp>

Usage

```

<rpc>
  <request-ping-bgp-lsp>
    <fec>fec</fec> <!-- mandatory -->
    <bottom-label-ttl>bottom-label-ttl</bottom-label-ttl>
    <instance>instance</instance>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-bgp-lsp>
</rpc>

```

Description Ping BGP-signaled LSP

Contents

- <fec>—IP prefix/length of forwarding equivalence class
- <bottom-label-ttl>—Time to live for the bottom label in the label stack
- <instance>—Routing-instance name
- <count>—Number of ping requests to send
- <source>—IP source address of echo request
- <destination>—IP address of destination for echo request
- <exp>—Forwarding class
- <detail>—Display detailed output
- <size>—Size of lsp ping request packet
- <sweep>—Incremental ping to find MTU
- <logical-system>—Name of logical system

<request-ping-ethernet>

Usage

```

<rpc>
  <request-ping-ethernet>
    <wait>wait</wait>
    <size>size</size>
    <count>count</count>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--

```

```
mandatory -->
  <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
  <host>host</host>
  <mep>mep</mep>
  <logical-system>logical-system</logical-system>
</request-ping-ethernet>
</rpc>
```

Description Ping to an ethernet host by unicast mac address

Contents <wait>—Delay after sending last packet

<size>—Size of data TLV in request packets

<count>—Number of ping requests to send

<maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<host>—MAC address of remote host in xx:xx:xx:xx:xx:xx format

<mep>—MEP identifier of remote host

<logical-system>—Name of logical system

<request-ping-fc-fcid>

Usage

```
<rpc>
  <request-ping-fc-fcid>
    <fcid>fcid</fcid> <!-- mandatory -->
    <count>count</count>
    <fabric>fabric</fabric> <!-- mandatory -->
    <size>size</size>
    <wait>wait</wait>
  </request-ping-fc-fcid>
</rpc>
```

Description Fibre channel address of destination

Contents <fcid>—FC address

<count>—Number of ECHO ELS requests to send (default 5 frames)

<fabric>—Fabric name

<size>—Size of ECHO ELS data

<wait>—Delay after sending last frame (default 60 seconds)

<request-ping-fc-wwn>

Usage

```

<rpc>
  <request-ping-fc-wwn>
    <world-wide-name>world-wide-name</world-wide-name> <!-- mandatory -->
    <count>count</count>
    <fabric>fabric</fabric> <!-- mandatory -->
    <size>size</size>
    <wait>wait</wait>
  </request-ping-fc-wwn>
</rpc>

```

Description World Wide Name of destination

Contents <world-wide-name>—World wide name

<count>—Number of ECHO ELS requests to send (default 5 frames)

<fabric>—Fabric name

<size>—Size of ECHO ELS data

<wait>—Delay after sending last frame (default 60 seconds)

<request-ping-l2circuit-interface>

Usage

```

<rpc>
  <request-ping-l2circuit-interface>
    <v1/>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <reply-mode>reply-mode</reply-mode>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-l2circuit-interface>
</rpc>

```

Description Locate LSP from interface name

Contents <v1>—Ping using Layer 2 circuit TLV (type 9)

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet

- application-level-control-channel - Reply via application level control channel

<interface-name>—Interface name

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet
- application-level-control-channel - Reply via application level control channel

<reply-mode>—Reply mode for ping request

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet
- application-level-control-channel - Reply via application level control channel

<count>—Number of ping requests to send

<source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-l2circuit-virtual-circuit>

Usage

```
<rpc>
  <request-ping-l2circuit-virtual-circuit>
    <vl/>
    <neighbor>neighbor</neighbor> <!-- mandatory -->
    <virtual-circuit-id>virtual-circuit-id</virtual-circuit-id> <!-- mandatory -->
    <reply-mode>reply-mode</reply-mode>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-l2circuit-virtual-circuit>
</rpc>
```


Description Locate LSP from virtual circuit information

Contents

- <v1>—Ping using Layer 2 circuit TLV (type 9)
 - no-reply - Do not reply
 - ip-udp - Reply via an IPv4 or IPv6 UDP packet
 - application-level-control-channel - Reply via application level control channel
- <neighbor>—Address of remote neighbor
 - no-reply - Do not reply
 - ip-udp - Reply via an IPv4 or IPv6 UDP packet
 - application-level-control-channel - Reply via application level control channel
- <virtual-circuit-id>—Layer 2 circuit identifier
 - no-reply - Do not reply
 - ip-udp - Reply via an IPv4 or IPv6 UDP packet
 - application-level-control-channel - Reply via application level control channel
- <reply-mode>—Reply mode for ping request
 - no-reply - Do not reply
 - ip-udp - Reply via an IPv4 or IPv6 UDP packet
 - application-level-control-channel - Reply via application level control channel
- <count>—Number of ping requests to send
- <source>—IP source address of echo request
- <destination>—IP address of destination for echo request
- <exp>—Forwarding class
- <detail>—Display detailed output
- <size>—Size of lsp ping request packet
- <sweep>—Incremental ping to find MTU
- <logical-system>—Name of logical system

<request-ping-l2vpn-interface>

Usage

```
<rpc>
<request-ping-l2vpn-interface>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
  <bottom-label-ttl>bottom-label-ttl</bottom-label-ttl>
```

```
<reply-mode>reply-mode</reply-mode>
<count>count</count>
<source>source</source>
<destination>destination</destination>
<exp>exp</exp>
<detail/>
<size>size</size>
<sweep/>
<logical-system>logical-system</logical-system>
</request-ping-l2vpn-interface>
</rpc>
```

Description Locate LSP using interface name

Contents <interface-name>—Interface name

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet
- application-level-control-channel - Reply via application level control channel

<bottom-label-ttl>—Time to live for the bottom label in the label stack

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet
- application-level-control-channel - Reply via application level control channel

<reply-mode>—Reply mode for ping request

- no-reply - Do not reply
- ip-udp - Reply via an IPv4 or IPv6 UDP packet
- application-level-control-channel - Reply via application level control channel

<count>—Number of ping requests to send

<source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-l3vpn>

Usage

```

<rpc>
  <request-ping-l3vpn>
    <l3vpn-name>l3vpn-name</l3vpn-name> <!-- mandatory -->
    <prefix>prefix</prefix> <!-- mandatory -->
    <bottom-label-ttl>bottom-label-ttl</bottom-label-ttl>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-l3vpn>
</rpc>

```

Description Ping LSP to Layer 3 VPN prefix

Contents <l3vpn-name>—Name of Layer 3 VPN

<prefix>—IP prefix/length of Layer 3 VPN

<bottom-label-ttl>—Time to live for the bottom label in the label stack

<count>—Number of ping requests to send

<source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-ldp-lsp>

Usage

```

<rpc>
  <request-ping-ldp-lsp>
    <fec>fec</fec> <!-- mandatory -->
    <instance>instance</instance>
    <count>count</count>
    <source>source</source>

```

```
<destination>destination</destination>
<exp>exp</exp>
<detail/>
<size>size</size>
<sweep/>
<logical-system>logical-system</logical-system>
</request-ping-ldp-lsp>
</rpc>
```

Description Ping LDP-signaled LSP

Contents

- <fec>—IP prefix/length of forwarding equivalence class
- <instance>—Routing-instance name
- <count>—Number of ping requests to send
- <source>—IP source address of echo request
- <destination>—IP address of destination for echo request
- <exp>—Forwarding class
- <detail>—Display detailed output
- <size>—Size of lsp ping request packet
- <sweep>—Incremental ping to find MTU
- <logical-system>—Name of logical system
- <request-ping-ldp-p2mp-lsp>—Ping LDP-signaled P2MP LSP

<request-ping-ldp-p2mp-lsp>

Usage

```
<rpc>
<request-ping-ldp-p2mp-lsp>
  <root-addr>root-addr</root-addr> <!-- mandatory -->
  <lsp-id>lsp-id</lsp-id> <!-- mandatory -->
  <egress>egress</egress>
  <instance>instance</instance>
  <count>count</count>
  <source>source</source>
  <destination>destination</destination>
  <exp>exp</exp>
  <detail/>
  <size>size</size>
  <sweep/>
  <logical-system>logical-system</logical-system>
</request-ping-ldp-p2mp-lsp>
</rpc>
```

Description Ping LDP-signaled P2MP LSP

Contents

- <root-addr>—IP address of p2mp lsp root
- <lsp-id>—LSP ID of p2mp lsp
- <egress>—Request only a specific multipoint egress to respond
- <instance>—Routing-instance name
- <count>—Number of ping requests to send
- <source>—IP source address of echo request
- <destination>—IP address of destination for echo request
- <exp>—Forwarding class
- <detail>—Display detailed output
- <size>—Size of lsp ping request packet
- <sweep>—Incremental ping to find MTU
- <logical-system>—Name of logical system

<request-ping-lsp-end-point>

Usage

```
<rpc>
  <request-ping-lsp-end-point>
    <prefix>prefix</prefix> <!-- mandatory -->
    <instance>instance</instance>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-lsp-end-point>
</rpc>
```

Description Ping end point of LSP

Contents

- <prefix>—IP prefix/length of end point
- <instance>—Routing-instance name
- <count>—Number of ping requests to send
- <source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-rsvp-dynamic-bypass-lsp>

Usage

```
<rpc>
  <request-ping-rsvp-dynamic-bypass-lsp>
    <lsp-name>lsp-name</lsp-name> <!-- mandatory -->
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-rsvp-dynamic-bypass-lsp>
</rpc>
```

Description Dynamically created LSP, used for protecting other LSPs

Contents <lsp-name>—Name of dynamic bypass LSP

<count>—Number of ping requests to send

<source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-rsvp-lsp>

Usage

```

<rpc>
  <request-ping-rsvp-lsp>
    <lsp-name>lsp-name</lsp-name> <!-- mandatory -->
    <standby>standby</standby>
    <multipoint/>
    <egress>egress</egress>
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-rsvp-lsp>
</rpc>

```

Description Ping RSVP-signaled LSP

Contents <lsp-name>—Name of LSP

<standby>—Name of standby path

<multipoint>—Probe multipoint LSP

<egress>—Request only a specific multipoint egress to respond

<count>—Number of ping requests to send

<source>—IP source address of echo request

<destination>—IP address of destination for echo request

<exp>—Forwarding class

<detail>—Display detailed output

<size>—Size of lsp ping request packet

<sweep>—Incremental ping to find MTU

<logical-system>—Name of logical system

<request-ping-rsvp-dynamic-bypass-lsp>—Dynamically created LSP, used for protecting other LSPs

<request-ping-rsvp-manual-bypass-lsp>—Manually configured LSP, used for protecting other LSPs

<request-ping-rsvp-manual-bypass-lsp>

Usage

```
<rpc>
  <request-ping-rsvp-manual-bypass-lsp>
    <lsp-name>lsp-name</lsp-name> <!-- mandatory -->
    <interface>interface</interface> <!-- mandatory -->
    <count>count</count>
    <source>source</source>
    <destination>destination</destination>
    <exp>exp</exp>
    <detail/>
    <size>size</size>
    <sweep/>
    <logical-system>logical-system</logical-system>
  </request-ping-rsvp-manual-bypass-lsp>
</rpc>
```

Description Manually configured LSP, used for protecting other LSPs

Contents

- <lsp-name>—Name of manual bypass LSP
- <interface>—Name of the interface, which is protected by this bypass
- <count>—Number of ping requests to send
- <source>—IP source address of echo request
- <destination>—IP address of destination for echo request
- <exp>—Forwarding class
- <detail>—Display detailed output
- <size>—Size of lsp ping request packet
- <sweep>—Incremental ping to find MTU
- <logical-system>—Name of logical system

<request-ping-vpls-instance>

Usage

```
<rpc>
  <request-ping-vpls-instance>
    <instance-name>instance-name</instance-name> <!-- mandatory -->
    <destination-mac>destination-mac</destination-mac> <!-- mandatory -->
    <source-ip>source-ip</source-ip> <!-- mandatory -->
    <learning-vlan-id>learning-vlan-id</learning-vlan-id>
    <control-plane-response/>
    <bd-name>bd-name</bd-name>
    <count>count</count>
```



```

    <detail/>
    <logical-system>logical-system</logical-system>
  </request-ping-vpls-instance>
</rpc>

```

Description Instance to which this VPLS connection belongs

Contents

- <instance-name>—Layer 2 VPLS name
- <destination-mac>—Destination MAC address
- <source-ip>—Source IP address
- <learning-vlan-id>—Learning VLAN identifier
- <control-plane-response>—Request VPLS OAM responses using the control plane
- <bd-name>—Name of bridge domain
- <count>—Number of ping requests to send
- <detail>—Display detailed output
- <logical-system>—Name of logical system

<request-power-off>

Usage

```

<rpc>
  <request-power-off>
    <device>device</device> <!-- mandatory -->
    <at>at</at>
    <in>in</in>
    <message>message</message>
    <power-off>power-off</power-off>
    <media>media</media>
    <slice>slice</slice>
    <both-routing-engines/>
    <other-routing-engine/>
  </request-power-off>
</rpc>

```

Description Power off the system

Contents

- <device>—Device alias name or serial number
 - fpc - Power off FPCs
 - disk - Boot off hard disk
 - compact-flash - Standard boot off flash device
 - pcmcia-flash - Boot off removable PCMCIA device

- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<at>—Time at which to perform the operation

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<in>—Number of minutes to delay before operation

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device

- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<message>—Message to display to all users

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<power-off>—Power-off FRUs before shutting down RE

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device

- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<media>—Boot media for next boot

- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<slice>—Partition on boot media to boot from

- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<both-routing-engines>—Power off both Routing Engines

<other-routing-engine>—Power off other Routing Engine

<request-protection-group-ethernet-aps>

Usage

```

<rpc>
  <request-protection-group-ethernet-aps>
    <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
    <maintenance-association>maintenance-association</maintenance-association>
  <!-- mandatory -->
    <switch-to-working/>
    <switch-to-protect/>
    <logical-system>logical-system</logical-system>
  </request-protection-group-ethernet-aps>
</rpc>

```

Description Ethernet APS related operations

Contents <maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<switch-to-working>—Switch data path to use working path

<switch-to-protect>—Switch data path to use protection path

<logical-system>—Name of logical system, or 'all'

<request-reboot>

Usage

```

<rpc>
  <request-reboot>
    <device>device</device> <!-- mandatory -->
    <re-selector>re-selector</re-selector>
    <re0/>
    <re1/>
    <at>at</at>
    <in>in</in>
    <message>message</message>
    <power-off>power-off</power-off>
    <media>media</media>
    <slice>slice</slice>
    <other-routing-engine/>
  </request-reboot>
</rpc>

```

Description Reboot the system

Contents <device>—Device alias name or serial number

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<re0>—RE0

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<re1>—RE1

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<at>—Time at which to perform the operation

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<in>—Number of minutes to delay before operation

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<message>—Message to display to all users

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<power-off>—Power-off FRUs before shutting down RE

- fpc - Power off FPCs
- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<media>—Boot media for next boot

- disk - Boot off hard disk
- compact-flash - Standard boot off flash device
- pcmcia-flash - Boot off removable PCMCIA device
- lan - Network boot via bootp
- usb - Boot off USB device
- recovery-compact-flash - Boot off recovery partition of compact flash
- removable-compact-flash - Boot off removable compact flash device
- external - Boot from external flash
- internal - Boot from internal flash
- nand-flash0 - Boot off nand-flash0
- nand-flash1 - Boot off nand-flash1
- alternate - Boot from alternate partition
- 1 - Boot from first partition
- 2 - Boot from second partition

<slice>—Partition on boot media to boot from

- alternate - Boot from alternate partition

- 1 - Boot from first partition
- 2 - Boot from second partition

<other-routing-engine>—Reboot the other Routing Engine

<request-redundancy-feb>

Usage

```
<rpc>
  <request-redundancy-feb>
    <slot>slot</slot> <!-- mandatory -->
    <switch-to-backup/>
    <revert-from-backup/>
  </request-redundancy-feb>
</rpc>
```

Description Change Forwarding Engine Board redundancy status

Contents <slot>—FEB slot number

<switch-to-backup>—Switch mastership to other FEB

<revert-from-backup>—Revert mastership back to configured default

<request-save-rescue-configuration>

Usage

```
<rpc>
  <request-save-rescue-configuration/>
</rpc>
```

Description Save committed configuration as rescue configuration

<request-script-refresh-from>

Usage

```
<rpc>
  <request-script-refresh-from>
    <device>device</device> <!-- mandatory -->
    <commit/>
    <op/>
    <event/>
    <file>file</file>
    <url>url</url>
  </request-script-refresh-from>
</rpc>
```

Description Refresh script from a given base URL

Contents

- <device>—Device alias name or serial number
- <commit>—Refresh commit script from a given base URL
- <op>—Refresh op script from a given base URL
- <event>—Refresh event script from a given base URL
- <file>—Local script file name
- <url>—URL from where the content will be retrieved

<request-scripts-package-add>

Usage

```
<rpc>
  <request-scripts-package-add>
    <device>device</device> <!-- mandatory -->
    <no-copy/>
    <unlink/>
    <package-name>package-name</package-name> <!-- mandatory -->
    <chassis>chassis</chassis>
    <scc/>
    <lcc>lcc</lcc>
    <sfc/>
    <member>member</member>
    <dont-forward/>
  </request-scripts-package-add>
</rpc>
```

Description Add or upgrade jais package

Contents

- <device>—Device alias name or serial number
- <no-copy>—Don't save copy of jais package file
- <unlink>—Remove the package after successful installation
- <package-name>—URL or pathname of package
- <scc>—Install package on SCC
- <lcc>—Install package on an LCC
- <sfc>—Install package on SFC
- <member>—Install package on VC Member
- <dont-forward>—

<request-scripts-package-delete>

Usage

```
<rpc>
  <request-scripts-package-delete>
    <device>device</device> <!-- mandatory -->
  </request-scripts-package-delete>
</rpc>
```

Description Remove jais package

Contents <device>—Device alias name or serial number

<request-scripts-package-rollback>

Usage

```
<rpc>
  <request-scripts-package-rollback>
    <device>device</device> <!-- mandatory -->
  </request-scripts-package-rollback>
</rpc>
```

Description Attempt to roll back to last jais package

Contents <device>—Device alias name or serial number

<request-services-flow-collector-destination>

Usage

```
<rpc>
  <request-services-flow-collector-destination>
    <primary/>
    <secondary/>
    <interface>interface</interface> <!-- mandatory -->
    <clear-files/>
    <clear-logs/>
    <gracefully/>
    <immediately/>
  </request-services-flow-collector-destination>
</rpc>
```

Description Change to Destination server

Contents <primary>—Primary server
 <secondary>—Secondary server

<interface>—Physical interface

<clear-files>—Remove existing files

<clear-logs>—Remove existing logs

<gracefully>—Retain existing FTP connections

<immediately>—Terminate existing FTP connections

<request-services-flow-collector-test-file-transfer>

Usage

```
<rpc>
  <request-services-flow-collector-test-file-transfer>
    <filename>filename</filename> <!-- mandatory -->
    <channel-zero/>
    <channel-one/>
    <primary/>
    <secondary/>
    <interface>interface</interface> <!-- mandatory -->
  </request-services-flow-collector-test-file-transfer>
</rpc>
```

Description Transfer a test file to the current primary server

Contents <filename>—Specify the filename to use

- all - All configured Collector PICs
- interface - Physical interface

<channel-zero>—Channel 0

- all - All configured Collector PICs
- interface - Physical interface

<channel-one>—Channel 1

- all - All configured Collector PICs
- interface - Physical interface

<primary>—Primary server

- all - All configured Collector PICs
- interface - Physical interface

<secondary>—Secondary server

- all - All configured Collector PICs
- interface - Physical interface

<interface>—Interface name

- all - All configured Collector PICs
- interface - Physical interface

<request-snapshot>

Usage

```
<rpc>
  <request-snapshot>
    <device>device</device> <!-- mandatory -->
    <partition/>
    <factory/>
    <as-primary/>
    <swap-size>swap-size</swap-size>
    <config-size>config-size</config-size>
    <root-size>root-size</root-size>
    <data-size>data-size</data-size>
    <slice>slice</slice>
    <media>media</media>
  </request-snapshot>
</rpc>
```

Description Archive data and executable areas

Contents <device>—Device alias name or serial number

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<partition>—Partition the media

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash

- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<factory>—Include only files shipped from factory in snapshot

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<as-primary>—Setup snapshot to be used in the primary boot device

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<swap-size>—Size of the swap partition

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk

- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<config-size>—Size of the config partition

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<root-size>—Size of the root partition

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<data-size>—Size of the data partition

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<slice>—Write snapshot to specified partition

- 1 - Write snapshot to first partition
- 2 - Write snapshot to second partition
- alternate - Write snapshot to alternate partition
- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<media>—Media to snapshot to

- removable-compact-flash - Write snapshot to removable compact flash
- compact-flash - Write snapshot to compact flash
- usb - Write snapshot to device connected to USB port
- hard-disk - Write snapshot to hard disk
- internal - Write snapshot to internal flash
- external - Write snapshot to external flash

<request-snmp-spoof-trap>

Usage

```
<rpc>  
<request-snmp-spoof-trap>  
  <trap>trap</trap> <!-- mandatory -->  
  <variable-bindings>variable-bindings</variable-bindings>  
</request-snmp-spoof-trap>  
</rpc>
```

Description Generate artificial SNMP notification

Contents <trap>—The name of the trap to spoof

<variable-bindings>—The list of variables & values to include in the trap

<request-system-storage-cleanup>

Usage

```
<rpc>  
<request-system-storage-cleanup>  
  <device>device</device> <!-- mandatory -->
```

```
<dry-run/>
</request-system-storage-cleanup>
</rpc>
```

Description Clean up temporary files and rotate logs

Contents <device>—Device alias name or serial number

<dry-run>—Only list the cleanup candidates, do not remove them

<request-traceroute-ethernet>

Usage

```
<rpc>
<request-traceroute-ethernet>
  <ttl>ttl</ttl>
  <wait>wait</wait>
  <maintenance-domain>maintenance-domain</maintenance-domain> <!--
mandatory -->
  <maintenance-association>maintenance-association</maintenance-association>
<!-- mandatory -->
  <host>host</host>
  <mep>mep</mep>
  <logical-system>logical-system</logical-system>
</request-traceroute-ethernet>
</rpc>
```

Description Trace route to an ethernet host by unicast mac address

Contents <ttl>—Maximum time-to-live value

<wait>—Number of seconds to wait for response

<maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<host>—MAC address of remote host in xx:xx:xx:xx:xx:xx format

<mep>—MEP identifier of remote host

<logical-system>—Name of logical system

<revert-redundancy-interface-to-primary>

Usage

```
<rpc>
<revert-redundancy-interface-to-primary>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
</revert-redundancy-interface-to-primary>
```

```
</rpc>
```

Description Revert redundancy interface to its primary

Contents <interface-name>—Name of interface

<set-logical-router>

Usage

```
<rpc>
  <set-logical-router>
    <logical-system>logical-system</logical-system> <!-- mandatory -->
  </set-logical-router>
</rpc>
```

Description Set default logical system

Contents <logical-system>—Name of logical system

<show-protection-group-ethernet-aps>

Usage

```
<rpc>
  <show-protection-group-ethernet-aps>
    <protocol>protocol</protocol>
    <maintenance-domain>maintenance-domain</maintenance-domain>
    <maintenance-association>maintenance-association</maintenance-association>

    <profile>profile</profile>
    <logical-system>logical-system</logical-system>
    <brief/>
    <detail/>
  </show-protection-group-ethernet-aps>
</rpc>
```

Description Show comamnds related to ethernet APS

Contents <protocol>—Associated protocol

- ccm - CCM

<maintenance-domain>—Name of maintenance domain

<maintenance-association>—Name of maintenance association

<profile>—Profile name

<logical-system>—Name of logical system, or 'all'

<brief>—Display brief output (default)

<detail>—Display detailed output

<switch-redundancy-interface-to-secondary>

Usage

```
<rpc>
  <switch-redundancy-interface-to-secondary>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </switch-redundancy-interface-to-secondary>
</rpc>
```

Description Switch redundancy interface over to its secondary

Contents <interface-name>—Name of interface

<traceroute>

Usage

```
<rpc>
  <traceroute>
    <gateway>gateway</gateway>
    <ttl>ttl</ttl>
    <wait>wait</wait>
    <no-resolve/>
    <source>source</source>
    <tos>tos</tos>
    <as-number-lookup/>
    <bypass-routing/>
    <inet/>
    <inet6/>
    <interface>interface</interface>
    <routing-instance>routing-instance</routing-instance>
    <host>host</host> <!-- mandatory -->
    <logical-system>logical-system</logical-system>
  </traceroute>
</rpc>
```

Description Trace route to remote host

Contents <mpls>—Trace MPLS paths

<gateway>—Address of router gateway to route through

<ttl>—IP maximum time-to-live value (or IPv6 maximum hop-limit value)

<wait>—Number of seconds to wait for response

<no-resolve>—Don't attempt to print addresses symbolically

<source>—Source address to use in outgoing traceroute packets

<tos>—IP type-of-service field (IPv4)

<as-number-lookup>—Look up AS numbers for each hop

<bypass-routing>—Bypass routing table, use specified interface

<inet>—Force traceroute to IPv4 destination

<inet6>—Force traceroute to IPv6 destination

<interface>—Name of interface to use for outgoing traffic

<routing-instance>—Name of routing instance for traceroute attempt

<host>—Hostname or address of remote host

<logical-system>—Name of logical system

<request-traceroute-ethernet>—Trace route to an ethernet host by unicast mac address

<walk-snmp-object>

Usage

```
<rpc>
  <walk-snmp-object>
    <decimal/>
    <ascii/>
    <snmp-object-name>snmp-object-name</snmp-object-name> <!-- mandatory
-->
  </walk-snmp-object>
</rpc>
```

Description Walk SNMP object values

Contents <decimal>—Decimal format (default)

<ascii>—Convert string indices to 'ascii-keys' representation

<snmp-object-name>—Requested SNMP object names

CHAPTER 8

Operational Request Tag Elements Specific to EX Series and QFX Series

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are specific to devices belonging to:

- EX Series
- QFX Series

<clear-captive-portal-firewall>

Usage

```
<rpc>
  <clear-captive-portal-firewall>
    <counter-name>counter-name</counter-name>
  </clear-captive-portal-firewall>
</rpc>
```

Description Clear captive-portal firewall statistics for a counter

Contents <clear-captive-portal-firewall-interface>—Clear firewall statistics on this interface
<counter-name>—Clear firewall statistics for this counter

<clear-captive-portal-firewall-interface>

Usage

```
<rpc>
  <clear-captive-portal-firewall-interface>
    <interface-name>interface-name</interface-name>
  </clear-captive-portal-firewall-interface>
</rpc>
```

Description Clear firewall statistics on this interface

Contents <interface-name>—Name of interface

<clear-captive-portal-interface-session>

Usage

```
<rpc>
  <clear-captive-portal-interface-session>
    <interface-name>interface-name</interface-name>
  </clear-captive-portal-interface-session>
</rpc>
```

Description Clear 802.1X session on an interface

Contents <interface-name>—Name of interface

<clear-captive-portal-mac-session>

Usage

```
<rpc>
  <clear-captive-portal-mac-session>
    <session-mac-addr>session-mac-addr</session-mac-addr>
  </clear-captive-portal-mac-session>
</rpc>
```

Description Clear 802.1X session on a MAC address

Contents <session-mac-addr>—MAC address to clear

<clear-sflow-collector-statistics>

Usage

```
<rpc>
  <clear-sflow-collector-statistics/>
</rpc>
```

Description Clear sFlow collector statistics

<clear-virtual-chassis-port-statistics>

Usage

```
<rpc>
  <clear-virtual-chassis-port-statistics>
    <interface-name>interface-name</interface-name>
  </clear-virtual-chassis-port-statistics>
```


`</rpc>`

Description Clear virtual chassis port statistics

Contents `<interface-name>`—Name of virtual chassis port

`<clear-virtual-chassis-statistics>`

Usage

```
<rpc>
  <clear-virtual-chassis-statistics/>
</rpc>
```

Description Clear virtual chassis statistics

`<get-captive-portal-authentication-failed-users>`

Usage

```
<rpc>
  <get-captive-portal-authentication-failed-users/>
</rpc>
```

Description List users who have failed captive-portal authentication

`<get-captive-portal-firewall-interface>`

Usage

```
<rpc>
  <get-captive-portal-firewall-interface>
    <interface-name>interface-name</interface-name>
  </get-captive-portal-firewall-interface>
</rpc>
```

Description Show captive-portal firewall statistics for an interface

Contents `<interface-name>`—Show firewall statistics for this interface

`<get-captive-portal-interface-information>`

Usage

```
<rpc>
  <get-captive-portal-interface-information>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
```

```
</get-captive-portal-interface-information>
</rpc>
```

Description Show Captive Portal interface information

Contents <brief>—Display brief output (default)
<detail>—Display detailed output
<interface-name>—Name of interface

<get-initialsetup-status-information>

Usage

```
<rpc>
  <get-initialsetup-status-information/>
</rpc>
```

Description Show initialsetup status

<get-lcd-fpc-information>

Usage

```
<rpc>
  <get-lcd-fpc-information>
    <fpc-slot>fpc-slot</fpc-slot>
  </get-lcd-fpc-information>
</rpc>
```

Description Show LCD display for FPC slot number

Contents <fpc-slot>—FPC slot number

<get-lcd-information>

Usage

```
<rpc>
  <get-lcd-information>
</get-lcd-information>
</rpc>
```

Description Show LCD display

Contents <get-lcd-fpc-information>—Show LCD display for FPC slot number
<menu>—Show active LCD menu items

<get-led-fpc-information>

Usage

```
<rpc>
  <get-led-fpc-information>
    <fpc-slot>fpc-slot</fpc-slot>
  </get-led-fpc-information>
</rpc>
```

Description Show LED status for FPC slot number

Contents <fpc-slot>—FPC slot number

<get-led-information>

Usage

```
<rpc>
  <get-led-information>
</get-led-information>
</rpc>
```

Description Show LED status

Contents <get-led-fpc-information>—Show LED status for FPC slot number

<get-poe-controller-information>

Usage

```
<rpc>
  <get-poe-controller-information/>
</rpc>
```

Description Show PoE system information

<get-poe-interface-information>

Usage

```
<rpc>
  <get-poe-interface-information>
    <ifname>ifname</ifname>
  </get-poe-interface-information>
</rpc>
```

Description Show PoE interfaces

Contents <ifname>—Name of interface

<get-poe-notifications>

Usage

```
<rpc>
  <get-poe-notifications/>
</rpc>
```

Description Show PoE notification information

<get-sflow-collector>

Usage

```
<rpc>
  <get-sflow-collector/>
</rpc>
```

Description Show sFlow collectors

<get-sflow-interface>

Usage

```
<rpc>
  <get-sflow-interface/>
</rpc>
```

Description Show sFlow interfaces

<get-tdr-interface-information>

Usage

```
<rpc>
  <get-tdr-interface-information>
  </get-tdr-interface-information>
</rpc>
```

Description Status of TDR diagnostics

Contents <interface>—Show TDR interface name

<get-telemetries-information>

Usage

```
<rpc>
  <get-telemetries-information>
    <ifname>ifname</ifname> <!-- mandatory -->
    <all/>
    <entries/>
  </get-telemetries-information>
</rpc>
```

Description Show PoE telemetries for an interface

Contents <ifname>—Name of interface

<all>—Show all entries

<entries>—Number of entries

<get-uplink-failure-detection-group-information>

Usage

```
<rpc>
  <get-uplink-failure-detection-group-information>
    <group-name>group-name</group-name> <!-- mandatory -->
  </get-uplink-failure-detection-group-information>
</rpc>
```

Description Show uplink failure detection information for a specified group

Contents <group-name>—Name of uplink-failure-detection group

<get-uplink-failure-detection-information>

Usage

```
<rpc>
  <get-uplink-failure-detection-information>
  </get-uplink-failure-detection-information>
</rpc>
```

Description Show uplink failure detection information

Contents <get-uplink-failure-detection-group-information>—Show uplink failure detection information for a specified group

<get-virtual-chassis-active-topology>

Usage

```
<rpc>
  <get-virtual-chassis-active-topology>
  <fabric/>
</get-virtual-chassis-active-topology>
</rpc>
```

Description Virtual chassis active topology

Contents <fabric>—Internal fabric state

<get-virtual-chassis-adjacency-information>

Usage

```
<rpc>
  <get-virtual-chassis-adjacency-information>
  <fabric/>
  <brief/>
  <detail/>
  <extensive/>
  <system-id>system-id</system-id>
</get-virtual-chassis-adjacency-information>
</rpc>
```

Description Show virtual chassis adjacency database

Contents <fabric>—Internal fabric state

<brief>—Display brief output (default)

<detail>—Display detailed output

<extensive>—Display extensive output

<system-id>—System ID of neighbor

<get-virtual-chassis-database-information>

Usage

```
<rpc>
  <get-virtual-chassis-database-information>
  <fabric/>
  <brief/>
  <detail/>
  <extensive/>
  <system-id>system-id</system-id>
</get-virtual-chassis-database-information>
```

</rpc>

Description Show virtual chassis link-state database

Contents <fabric>—Internal fabric state
<brief>—Display brief output (default)
<detail>—Display detailed output
<extensive>—Display extensive output
<system-id>—System ID of neighbor

<get-virtual-chassis-device-topology>

Usage

```
<rpc>
  <get-virtual-chassis-device-topology/>
</rpc>
```

Description PFE device topology

<get-virtual-chassis-fast-failover>

Usage

```
<rpc>
  <get-virtual-chassis-fast-failover/>
</rpc>
```

Description Fast failover status

<get-virtual-chassis-information>

Usage

```
<rpc>
  <get-virtual-chassis-information>
    <fabric/>
    <brief/>
    <detail/>
  </get-virtual-chassis-information>
</rpc>
```

Description Virtual chassis information

Contents <fabric>—Internal fabric state

<brief>—Display brief output (default)

<detail>—Display detailed output

<get-virtual-chassis-interface-information>

Usage

```
<rpc>
  <get-virtual-chassis-interface-information>
    <fabric/>
    <brief/>
    <detail/>
    <interface-name>interface-name</interface-name>
  </get-virtual-chassis-interface-information>
</rpc>
```

Description Show virtual chassis protocol interface information

Contents <fabric>—Internal fabric state

<brief>—Display brief output (default)

<detail>—Display detailed output

<interface-name>—Name of interface

<get-virtual-chassis-mode-information>

Usage

```
<rpc>
  <get-virtual-chassis-mode-information/>
</rpc>
```

Description Virtual chassis mode information

<get-virtual-chassis-packet-path>

Usage

```
<rpc>
  <get-virtual-chassis-packet-path>
    <source-interface>source-interface</source-interface> <!-- mandatory -->
    <destination-interface>destination-interface</destination-interface> <!-- mandatory
-->
  </get-virtual-chassis-packet-path>
</rpc>
```

Description Show virtual-chassis packet path

Contents <source-interface>—Source interface name
 <destination-interface>—Destination interface name

<get-virtual-chassis-port-information>

Usage

```
<rpc>  
  <get-virtual-chassis-port-information>  
  </get-virtual-chassis-port-information>  
</rpc>
```

Description Virtual chassis port information

Contents <get-virtual-chassis-port-statistics>—Show virtual chassis port statistics

<get-virtual-chassis-port-statistics>

Usage

```
<rpc>  
  <get-virtual-chassis-port-statistics>  
    <brief/>  
    <detail/>  
    <extensive/>  
    <interface-name>interface-name</interface-name>  
  </get-virtual-chassis-port-statistics>  
</rpc>
```

Description Show virtual chassis port statistics

Contents <brief>—Display brief output (default)
 <detail>—Display detailed output
 <extensive>—Display extensive output
 <interface-name>—Name of virtual chassis port

<get-virtual-chassis-route-information>

Usage

```
<rpc>  
  <get-virtual-chassis-route-information>  
    <destination>destination</destination>  
  </get-virtual-chassis-route-information>  
</rpc>
```

Description Show virtual chassis routing table

Contents <destination>—System ID of destination

<get-virtual-chassis-statistics-information>

Usage

```
<rpc>
  <get-virtual-chassis-statistics-information>
    <fabric/>
    <interface-name>interface-name</interface-name>
  </get-virtual-chassis-statistics-information>
</rpc>
```

Description Show virtual chassis performance statistics

Contents <fabric>—Internal fabric state

<interface-name>—Name of logical interface

<poe-controller-download-software>

Usage

```
<rpc>
  <poe-controller-download-software/>
</rpc>
```

Description Upgrade PoE software

CHAPTER 9

Operational Request Tag Elements Specific to J Series and SRX Series

This chapter lists the Junos Extensible Markup Language (XML) tag elements that a client of the Junos XML protocol or NETCONF server uses to request operational information. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page ccxcix.

The tags listed in this chapter are specific to devices belonging to:

- J Series
- SRX Series

<clear-alg-h323-counters>

Usage

```
<rpc>
  <clear-alg-h323-counters/>
</rpc>
```

Description Clear H323 counters

<clear-alg-ike-esp-state>

Usage

```
<rpc>
  <clear-alg-ike-esp-state/>
</rpc>
```

Description Clear all IKE-ESP ALG state information

<clear-alg-mgcp-calls-information>

Usage

```
<rpc>
  <clear-alg-mgcp-calls-information/>
```

```
</rpc>
```

Description Clear MGCP calls

<clear-alg-mgcp-counter-information>

Usage

```
<rpc>  
  <clear-alg-mgcp-counter-information/>  
</rpc>
```

Description Clear MGCP counters

<clear-alg-sccp-calls-information>

Usage

```
<rpc>  
  <clear-alg-sccp-calls-information/>  
</rpc>
```

Description Clear SCCP calls

<clear-alg-sccp-counters>

Usage

```
<rpc>  
  <clear-alg-sccp-counters/>  
</rpc>
```

Description Clear SCCP counters

<clear-alg-sip-calls>

Usage

```
<rpc>  
  <clear-alg-sip-calls/>  
</rpc>
```

Description Clear SIP calls

<clear-alg-sip-counters>

Usage

```
<rpc>
```

```
<clear-alg-sip-counters/>
</rpc>
```

Description Clear SIP counters

<clear-all-dvpn-user-connections>

Usage

```
<rpc>
<clear-all-dvpn-user-connections/>
</rpc>
```

Description Clear all dynamic VPN user connections

<clear-anti-spam-clear>

Usage

```
<rpc>
<clear-anti-spam-clear/>
</rpc>
```

Description Clear anti-spam statistics information

<clear-anti-virus>

Usage

```
<rpc>
<clear-anti-virus/>
</rpc>
```

Description Clear anti-virus statistics information

<clear-application-firewall-statistics>

Usage

```
<rpc>
<clear-application-firewall-statistics/>
</rpc>
```

Description Clear statistics of the application-firewall

<clear-avt-counters>

Usage

```
<rpc>  
  <clear-avt-counters/>  
</rpc>
```

Description Clear Application tracking counters

<clear-chassis-cluster-control-plane-statistics>

Usage

```
<rpc>  
  <clear-chassis-cluster-control-plane-statistics/>  
</rpc>
```

Description Clear control-plane statistics

<clear-chassis-cluster-data-plane-statistics>

Usage

```
<rpc>  
  <clear-chassis-cluster-data-plane-statistics/>  
</rpc>
```

Description Clear data-plane statistics

<clear-chassis-cluster-failover-count>

Usage

```
<rpc>  
  <clear-chassis-cluster-failover-count/>  
</rpc>
```

Description Clear failover-count for all redundancy-groups

<clear-chassis-cluster-ip-monitoring-failure-count>

Usage

```
<rpc>  
  <clear-chassis-cluster-ip-monitoring-failure-count>  
  </clear-chassis-cluster-ip-monitoring-failure-count>  
</rpc>
```

Description Clear IP monitoring failure-count

Contents <clear-chassis-cluster-ip-monitoring-failure-count-ip-address>—Clear IP monitoring failure-count for a specific IP address

<clear-chassis-cluster-ip-monitoring-failure-count-ip-address>

Usage

```
<rpc>
  <clear-chassis-cluster-ip-monitoring-failure-count-ip-address>
    <ip-address-identifier>ip-address-identifier</ip-address-identifier> <!-- mandatory
-->
  </clear-chassis-cluster-ip-monitoring-failure-count-ip-address>
</rpc>
```

Description Clear IP monitoring failure-count for a specific IP address

Contents <ip-address-identifier>—Clear failure-count of an IP address

<clear-chassis-cluster-statistics>

Usage

```
<rpc>
  <clear-chassis-cluster-statistics/>
</rpc>
```

Description Clear all statistics

<clear-chassis-cluster-switch-fabric-probe-statistics>

Usage

```
<rpc>
  <clear-chassis-cluster-switch-fabric-probe-statistics/>
</rpc>
```

Description Clear chassis cluster switch fabric probe statistics

<clear-content-filter>

Usage

```
<rpc>
  <clear-content-filter/>
</rpc>
```

Description Clear content-filtering statistics information

<clear-destination-nat-pool-information>

Usage

```
<rpc>
  <clear-destination-nat-pool-information>
    <pool-choice>pool-choice</pool-choice> <!-- mandatory -->
    <pool-name>pool-name</pool-name> <!-- mandatory -->
    <all/>
  </clear-destination-nat-pool-information>
</rpc>
```

Description Clear destination NAT information of this pool

Contents <pool-name>—Address-pool name

<all>—Clear all destination NAT pool information

<clear-destination-nat-rule-sets-information>

Usage

```
<rpc>
  <clear-destination-nat-rule-sets-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </clear-destination-nat-rule-sets-information>
</rpc>
```

Description Clear destination NAT rule-set information

Contents <rule-name>—The name of the destination NAT rule-set

<all>—Clear all destination NAT rule-sets information

<clear-dvpn-user-connection-by-username>

Usage

```
<rpc>
  <clear-dvpn-user-connection-by-username>
    <username>username</username> <!-- mandatory -->
    <ike-id>ike-id</ike-id> <!-- mandatory -->
  </clear-dvpn-user-connection-by-username>
</rpc>
```

Description Clear Dynamic VPN user connection with specified username

Contents <username>—Name of user for the connection

<ike-id>—The IKE ID of this user connection

<clear-eedebug-counters>

Usage

```
<rpc>  
  <clear-eedebug-counters/>  
</rpc>
```

Description Clear datapath debug counters

<clear-flow-ipaction-all>

Usage

```
<rpc>  
  <clear-flow-ipaction-all/>  
</rpc>
```

Description Clear all ip-action entries

<clear-flow-session-all>

Usage

```
<rpc>  
  <clear-flow-session-all/>  
</rpc>
```

Description Clear all sessions

<clear-flow-session-by-application>

Usage

```
<rpc>  
  <clear-flow-session-by-application>  
    <dns/>  
    <ftp/>  
    <ignore/>  
    <mgcp-ca/>  
    <mgcp-ua/>  
    <ms-rpc/>  
    <pptp/>  
    <sun-rpc/>  
    <q931/>  
    <ras/>  
    <realaudio/>  
    <rsh/>  
    <rtsp/>
```

```
<sccp/>
<sip/>
<sqlnet-v2/>
<talk/>
<tftp/>
<http/>
<https/>
<smtp/>
<imap/>
<ssh/>
<telnet/>
</clear-flow-session-by-application>
</rpc>
```

Description Clear session for specified application or application set

Contents

- <dns>—Domain Name Service
- <ftp>—File Transfer Protocol
- <ignore>—Ignore application type
- <mgcp-ca>—MGCP-CA
- <mgcp-ua>—MGCP-UA
- <ms-rpc>—Microsoft RPC
- <pptp>—Point-to-Point Tunneling Protocol
- <sun-rpc>—Sun Microsystems RPC
- <q931>—Q.931
- <ras>—RAS
- <realaudio>—RealAudio
- <rsh>—Remote Shell
- <rtsp>—Real Time Streaming Protocol
- <sccp>—Skinny Client Control Protocol
- <sip>—Session Initiation Protocol
- <sqlnet-v2>—Oracle SQL*Net Version 2
- <talk>—Talk program
- <tftp>—Trivial File Transfer Protocol
- <http>—Hyper Text transfer protocol
- <https>—Secure HyperText Transfer Protocol

<smtp>—Simple Mail Transfer Protocol

<imap>—Internet Message Access Protocol

<ssh>—Secure Shell

<telnet>—Telnet Terminal Emulation Protocol

<clear-flow-session-by-destination-port>

Usage

```
<rpc>
  <clear-flow-session-by-destination-port>
    <destination-port>destination-port</destination-port> <!-- mandatory -->
  </clear-flow-session-by-destination-port>
</rpc>
```

Description Clear each session that uses specified destination port

Contents <destination-port>—Destination port

<clear-flow-session-by-destination-prefix>

Usage

```
<rpc>
  <clear-flow-session-by-destination-prefix>
    <destination-prefix>destination-prefix</destination-prefix> <!-- mandatory -->
  </clear-flow-session-by-destination-prefix>
</rpc>
```

Description Clear each session that matches destination prefix

Contents <destination-prefix>—Destination IP prefix or address

<clear-flow-session-by-family>

Usage

```
<rpc>
  <clear-flow-session-by-family>
    <inet/>
    <inet6/>
  </clear-flow-session-by-family>
</rpc>
```

Description Clear sessions by family

Contents <inet>—Clear IPv4 sessions

<inet6>—Clear IPv6/IPv6-NATPT sessions

<clear-flow-session-by-interface>

Usage

```
<rpc>
  <clear-flow-session-by-interface>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </clear-flow-session-by-interface>
</rpc>
```

Description Clear each session that uses specified interface

Contents <interface-name>—Name of incoming or outgoing interface

<clear-flow-session-by-protocol>

Usage

```
<rpc>
  <clear-flow-session-by-protocol>
    <icmp/>
    <igmp/>
    <ipip/>
    <tcp/>
    <egp/>
    <udp/>
    <rsvp/>
    <gre/>
    <esp/>
    <ah/>
    <icmp6/>
    <ospf/>
    <pim/>
    <sctp/>
    <protocol-number/>
  </clear-flow-session-by-protocol>
</rpc>
```

Description Clear each session that uses specified IP protocol

Contents <icmp>—Internet Control Message Protocol

<igmp>—Internet Group Management Protocol

<ipip>—IP in IP

<tcp>—Transmission Control Protocol

<egp>—Exterior gateway protocol

<udp>—User Datagram Protocol

<rsvp>—Resource Reservation Protocol

<gre>—Generic routing encapsulation

<esp>—IPSec Encapsulating Security Payload

<ah>—IP Security authentication header

<icmp6>—Internet Control Message Protocol Version 6

<ospf>—Open Shortest Path First

<pim>—Protocol Independent Multicast

<sctp>—Stream Control Transmission Protocol

<protocol-number>—Numeric protocol value (0 .. 255)

<clear-flow-session-by-resource-manager>

Usage

```
<rpc>
  <clear-flow-session-by-resource-manager/>
</rpc>
```

Description Clear resource-manager sessions

<clear-flow-session-by-session-identifier>

Usage

```
<rpc>
  <clear-flow-session-by-session-identifier>
  <session-identifier>session-identifier</session-identifier> <!-- mandatory -->
</clear-flow-session-by-session-identifier>
</rpc>
```

Description Clear session with specified session identifier

Contents <session-identifier>—Session identifier

<clear-flow-session-by-source-port>

Usage

```
<rpc>
  <clear-flow-session-by-source-port>
  <source-port>source-port</source-port> <!-- mandatory -->
</clear-flow-session-by-source-port>
```

</rpc>

Description Clear each session that uses specified source port

Contents <source-port>—Source port

<clear-flow-session-by-source-prefix>

Usage

```
<rpc>
  <clear-flow-session-by-source-prefix>
    <source-prefix>source-prefix</source-prefix> <!-- mandatory -->
  </clear-flow-session-by-source-prefix>
</rpc>
```

Description Clear each session that matches source prefix

Contents <source-prefix>—Source IP prefix or address

<clear-group-vpn-ike-security-associations>

Usage

```
<rpc>
  <clear-group-vpn-ike-security-associations>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
    <peer-address>peer-address</peer-address>
    <index>index</index>
  </clear-group-vpn-ike-security-associations>
</rpc>
```

Description Clear group VPN IKE security associations

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<peer-address>—IP address of the peer

<index>—Index of security association

<clear-group-vpn-kek-security-associations>

Usage

```

<rpc>
  <clear-group-vpn-kek-security-associations>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
    <index>index</index>
  </clear-group-vpn-kek-security-associations>
</rpc>

```

Description Clear group VPN KEK security associations

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<index>—Index of security association

<clear-gvpn-ipsec-security-association>

Usage

```

<rpc>
  <clear-gvpn-ipsec-security-association>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
    <index>index</index>
  </clear-gvpn-ipsec-security-association>
</rpc>

```

Description Clear IPSec dynamic security associations

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<index>—Index of security association

<clear-gvpn-ipsec-statistics>

Usage

```

<rpc>
  <clear-gvpn-ipsec-statistics>

```

```
<fpc>fpc</fpc>
<pic>pic</pic>
<index>index</index>
</clear-gvpn-ipsec-statistics>
</rpc>
```

Description Clear Group VPN IPSec statistics

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<index>—Index of security association

<clear-ike-respond-bad-spi-count>

Usage

```
<rpc>
<clear-ike-respond-bad-spi-count>
  <gw-name>gw-name</gw-name>
</clear-ike-respond-bad-spi-count>
</rpc>
```

Description Clear IKE bad SPI count

Contents <gw-name>—Name of the gateway

<clear-ike-security-association>

Usage

```
<rpc>
<clear-ike-security-association>
  <fpc>fpc</fpc>
  <pic>pic</pic>
  <kmd-instance>kmd-instance</kmd-instance>
  <peer-address>peer-address</peer-address>
  <index>index</index>
  <port>port</port>
</clear-ike-security-association>
</rpc>
```

Description Clear IKE security associations

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<peer-address>—Name of security association

<index>—Index of security association

<port>—Port number of security association

<clear-incoming-table-information>

Usage

```
<rpc>
  <clear-incoming-table-information/>
</rpc>
```

Description Clear incoming table information

<clear-ipsec-security-association>

Usage

```
<rpc>
  <clear-ipsec-security-association>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
    <index>index</index>
  </clear-ipsec-security-association>
</rpc>
```

Description Clear IPSec dynamic security associations

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<index>—Index of security association

<clear-ipsec-statistics>

Usage

```
<rpc>
  <clear-ipsec-statistics>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <index>index</index>
  </clear-ipsec-statistics>
</rpc>
```

| | |
|--------------------|---|
| Description | Clear IPSec statistics |
| Contents | <code><fpc></code> —FPC slot number <code><pic></code> —PIC slot number <code><index></code> —Index of security association |

`<clear-persist-nat-all>`

Usage

```
<rpc>  
  <clear-persist-nat-all/>  
</rpc>
```

Description Clear all persistent NAT information

`<clear-persist-nat-interface-information>`

Usage

```
<rpc>  
  <clear-persist-nat-interface-information/>  
</rpc>
```

Description Clear persistent NAT information of this interface

`<clear-persist-nat-ip-port-information>`

Usage

```
<rpc>  
  <clear-persist-nat-ip-port-information>  
    <ip>ip</ip> <!-- mandatory -->  
    <internal-port>internal-port</internal-port>  
  </clear-persist-nat-ip-port-information>  
</rpc>
```

Description Clear persistent NAT information of internal IP and port

Contents `<ip>`—Internal IP address
`<internal-port>`—Internal port

`<clear-persist-nat-pool-information>`

Usage

```
<rpc>
```

```
<clear-persist-nat-pool-information>  
  <pool-name>pool-name</pool-name> <!-- mandatory -->  
</clear-persist-nat-pool-information>  
</rpc>
```

Description Clear persistent NAT information of this pool

Contents <pool-name>—Source NAT pool name

<clear-retag-statistics>

Usage

```
<rpc>  
  <clear-retag-statistics>  
    <filter>filter</filter> <!-- mandatory -->  
    <interface>interface</interface>  
    <vlan-id>vlan-id</vlan-id>  
    <clear-all/>  
  </clear-retag-statistics>  
</rpc>
```

Description Clear L2 vlan rewrite statistics information

Contents <interface>—Rewrite statistics interface

<vlan-id>—Rewrite statistics on vlan-id

<clear-all>—Clear all statistics

<clear-screen-statistics>

Usage

```
<rpc>  
  <clear-screen-statistics>  
    <filter>filter</filter> <!-- mandatory -->  
    <zone>zone</zone>  
    <interface>interface</interface>  
  </clear-screen-statistics>  
</rpc>
```

Description Clear screen attack statistics information

Contents <zone>—IDS statistics zone

<interface>—IDS statistics interface

<clear-security-dynamic-policies-statistics>

Usage

```
<rpc>
  <clear-security-dynamic-policies-statistics/>
</rpc>
```

Description Clear statistics about the dynamic policies

<clear-security-firewall-authentication-history>

Usage

```
<rpc>
  <clear-security-firewall-authentication-history>
    <filter>filter</filter>
    <identifier>identifier</identifier>
    <address>address</address>
  </clear-security-firewall-authentication-history>
</rpc>
```

Description Clear firewall authentication history

Contents <identifier>—Clear authentication history by id
 <address>—Clear authentication history by ip address

<clear-security-firewall-authentication-users>

Usage

```
<rpc>
  <clear-security-firewall-authentication-users>
    <filter>filter</filter>
    <identifier>identifier</identifier>
    <address>address</address>
  </clear-security-firewall-authentication-users>
</rpc>
```

Description Clear current firewall authentication user data

Contents <identifier>—Clear authentication entry by id
 <address>—Clear authentication entry by ip address

<clear-security-group-vpn-server>

Usage

```

<rpc>
  <clear-security-group-vpn-server>
    <group_choice>group_choice</group_choice>

    <clear-security-group-vpn-server-group-name>clear-security-group-vpn-server-group-name</clear-security-group-vpn-server-group-name>

    <clear-security-group-vpn-server-group-id>clear-security-group-vpn-server-group-id</clear-security-group-vpn-server-group-id>

    <clear-security-group-vpn-server-now/>
  </clear-security-group-vpn-server>
</rpc>

```

Description Clear group VPN server security information

Contents <clear-security-group-vpn-server-group-name>—Clear specified group name

<clear-security-group-vpn-server-group-id>—Clear specified group id

<clear-security-group-vpn-server-now>—Clear group immediately

<clear-security-policies-statistics>

Usage

```

<rpc>
  <clear-security-policies-statistics/>
</rpc>

```

Description Clear statistics about the policies

<clear-source-nat-pool-information>

Usage

```

<rpc>
  <clear-source-nat-pool-information>
    <pool-choice>pool-choice</pool-choice> <!-- mandatory -->
    <pool-name>pool-name</pool-name> <!-- mandatory -->
    <all/>
  </clear-source-nat-pool-information>
</rpc>

```

Description Clear source NAT information of this pool

Contents <pool-name>—Address-pool name

<all>—Clear all source NAT pool information

<clear-source-nat-rule-sets-information>

Usage

```
<rpc>
  <clear-source-nat-rule-sets-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </clear-source-nat-rule-sets-information>
</rpc>
```

Description Clear source NAT rule-set information

Contents <rule-name>—The name of the source NAT rule-set

<all>—Clear all source NAT rule-sets information

<clear-static-nat-rule-sets-information>

Usage

```
<rpc>
  <clear-static-nat-rule-sets-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </clear-static-nat-rule-sets-information>
</rpc>
```

Description Clear static NAT rule-set information

Contents <rule-name>—The name of the static NAT rule-set

<all>—Clear all static NAT rule-sets information

<clear-tgm-media-gateway-controller>

Usage

```
<rpc>
  <clear-tgm-media-gateway-controller>
    <slot>slot</slot> <!-- mandatory -->
    <media-gateway-controller/>
  </clear-tgm-media-gateway-controller>
</rpc>
```

Description Clear Flexible PIC Concentrator information

Contents <slot>—FPC slot number
 <media-gateway-controller>—Name of one or more media gateway controllers

<clear-web-filter-clear>

Usage

```
<rpc>
  <clear-web-filter-clear/>
</rpc>
```

Description Clear web-filtering statistics information

<clear-wlan-access-points-neighbors>

Usage

```
<rpc>
  <clear-wlan-access-points-neighbors>
    <wlan-access-point-name>wlan-access-point-name</wlan-access-point-name>
  <!-- mandatory -->
  </clear-wlan-access-points-neighbors>
</rpc>
```

Description Clear access point neighbor information

Contents <wlan-access-point-name>—Name of the access point

<get-alg-h323-counters>

Usage

```
<rpc>
  <get-alg-h323-counters/>
</rpc>
```

Description Show H323 counters

<get-alg-mgcp-call-information>

Usage

```
<rpc>
  <get-alg-mgcp-call-information>
    <endpoint>endpoint</endpoint>
  </get-alg-mgcp-call-information>
</rpc>
```

Description Show MGCP calls

Contents <endpoint>—Show MGCP call endpoint

<get-alg-mgcp-counter-information>

Usage

```
<rpc>
  <get-alg-mgcp-counter-information/>
</rpc>
```

Description Show MGCP counters

<get-alg-mgcp-endpoint-information>

Usage

```
<rpc>
  <get-alg-mgcp-endpoint-information>
    <endpoint-name>endpoint-name</endpoint-name>
  </get-alg-mgcp-endpoint-information>
</rpc>
```

Description Show MGCP endpoints

Contents <endpoint-name>—Show MGCP endpoint with identifier

<get-alg-msrpc-uuid2oid-table>

Usage

```
<rpc>
  <get-alg-msrpc-uuid2oid-table/>
</rpc>
```

Description Show MSRPC UUID to OID table

<get-alg-sccp-calls>

Usage

```
<rpc>
  <get-alg-sccp-calls>
    <detail/>
    <brief/>
  </get-alg-sccp-calls>
</rpc>
```


| | |
|--------------------|--|
| Description | Show SCCP calls |
| Contents | <code><detail></code> —Display detailed call information <code><brief></code> —Display brief call information (default) |

`<get-alg-sccp-counters>`

Usage

```
<rpc>
  <get-alg-sccp-counters/>
</rpc>
```

| | |
|--------------------|--------------------|
| Description | Show SCCP counters |
|--------------------|--------------------|

`<get-alg-sip-call-information>`

Usage

```
<rpc>
  <get-alg-sip-call-information>
    <detail/>
    <brief/>
  </get-alg-sip-call-information>
</rpc>
```

| | |
|--------------------|--|
| Description | Show SIP calls |
| Contents | <code><detail></code> —Display detailed call information <code><brief></code> —Display brief call information (default) |

`<get-alg-sip-counter-information>`

Usage

```
<rpc>
  <get-alg-sip-counter-information/>
</rpc>
```

| | |
|--------------------|-------------------|
| Description | Show SIP counters |
|--------------------|-------------------|

`<get-alg-sip-rate-information>`

Usage

```
<rpc>
  <get-alg-sip-rate-information/>
```

```
</rpc>
```

Description Show SIP rate

<get-alg-status>

Usage

```
<rpc>  
  <get-alg-status/>  
</rpc>
```

Description Show ALG status

<get-appfw-rule-set>

Usage

```
<rpc>  
  <get-appfw-rule-set>  
    <rule-set-choice>rule-set-choice</rule-set-choice> <!-- mandatory -->  
    <rule-set-name>rule-set-name</rule-set-name> <!-- mandatory -->  
  <all/>  
</get-appfw-rule-set>  
</rpc>
```

Description Show security application firewall rule-set

Contents <rule-set-name>—Show the rule-set information matching the given rule-set name

<all>—Show all rule-sets information

<get-avt-counters>

Usage

```
<rpc>  
  <get-avt-counters/>  
</rpc>
```

Description Show Application tracking counters

<get-chassis-cluster-control-plane-statistics>

Usage

```
<rpc>  
  <get-chassis-cluster-control-plane-statistics/>  
</rpc>
```

Description Display control-plane statistics

<get-chassis-cluster-data-plane-interfaces>

Usage

```
<rpc>  
<get-chassis-cluster-data-plane-interfaces/>  
</rpc>
```

Description Display data-plane interfaces

<get-chassis-cluster-data-plane-statistics>

Usage

```
<rpc>  
<get-chassis-cluster-data-plane-statistics/>  
</rpc>
```

Description Display data-plane statistics

<get-chassis-cluster-ethernet-switching-status>

Usage

```
<rpc>  
<get-chassis-cluster-ethernet-switching-status/>  
</rpc>
```

Description Display chassis cluster ethernet switching status

<get-chassis-cluster-interfaces>

Usage

```
<rpc>  
<get-chassis-cluster-interfaces/>  
</rpc>
```

Description Display chassis cluster interfaces

<get-chassis-cluster-ip-monitoring-status>

Usage

```
<rpc>  
<get-chassis-cluster-ip-monitoring-status>  
</get-chassis-cluster-ip-monitoring-status>
```

```
</rpc>
```

Description Display IP monitoring status

Contents <get-chassis-cluster-ip-monitoring-status-redundancy-group>—Display IP monitoring status for a specific redundancy-group

<get-chassis-cluster-ip-monitoring-status-redundancy-group>

Usage

```
<rpc>
  <get-chassis-cluster-ip-monitoring-status-redundancy-group>

  <redundancy-group-identifier>redundancy-group-identifier</redundancy-group-identifier>
  <!-- mandatory -->
  </get-chassis-cluster-ip-monitoring-status-redundancy-group>
</rpc>
```

Description Display IP monitoring status for a specific redundancy-group

Contents <redundancy-group-identifier>—Redundancy-group identifier

<get-chassis-cluster-statistics>

Usage

```
<rpc>
  <get-chassis-cluster-statistics/>
</rpc>
```

Description Display chassis cluster statistics

<get-chassis-cluster-status>

Usage

```
<rpc>
  <get-chassis-cluster-status>
    <redundancy-group>redundancy-group</redundancy-group>
  </get-chassis-cluster-status>
</rpc>
```

Description Display chassis cluster status

Contents <redundancy-group>—Display chassis cluster status per redundancy-group

<get-chassis-cluster-switch-fabric-link-interfaces>

Usage

```
<rpc>
  <get-chassis-cluster-switch-fabric-link-interfaces/>
</rpc>
```

Description Display chassis cluster switch fabric link interfaces

<get-chassis-cluster-switch-fabric-probe-statistics>

Usage

```
<rpc>
  <get-chassis-cluster-switch-fabric-probe-statistics/>
</rpc>
```

Description Display chassis cluster switch fabric probe statistics

<get-client-version>

Usage

```
<rpc>
  <get-client-version/>
</rpc>
```

Description Show Dynamic VPN client version

<get-destination-nat-pool-information>

Usage

```
<rpc>
  <get-destination-nat-pool-information>
    <pool-choice>pool-choice</pool-choice> <!-- mandatory -->
    <pool-name>pool-name</pool-name> <!-- mandatory -->
  </get-destination-nat-pool-information>
</rpc>
```

Description Show destination NAT address-pool information

Contents <pool-name>—The name of the address-pool

<all>—Display all destination NAT address-pool information

<get-destination-nat-rule-sets-information>

Usage

```
<rpc>
  <get-destination-nat-rule-sets-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </get-destination-nat-rule-sets-information>
</rpc>
```

Description Show destination NAT rule-set information

Contents <rule-name>—The name of the rule-set
 <all>—Display all destination NAT rule-sets information

<get-destination-nat-summary-information>

Usage

```
<rpc>
  <get-destination-nat-summary-information/>
</rpc>
```

Description Show destination NAT summary information

<get-dialer-defaults-information>

Usage

```
<rpc>
  <get-dialer-defaults-information/>
</rpc>
```

Description Show dialer services software defaults

<get-eeedebg-action-profile>

Usage

```
<rpc>
  <get-eeedebg-action-profile/>
</rpc>
```

Description Show current datapath-debug action profile

<get-eeedebug-counters>

Usage

```
<rpc>
  <get-eeedebug-counters/>
</rpc>
```

Description Show datapath counters

<get-eeedebug-events>

Usage

```
<rpc>
  <get-eeedebug-events/>
</rpc>
```

Description Show current registered data path events

<get-firewall-authentication-history>

Usage

```
<rpc>
  <get-firewall-authentication-history>
    <filter>filter</filter>

    <get-firewall-authentication-history-specific>get-firewall-authentication-history-specific</get-firewall-authentication-history-specific>

    <get-firewall-authentication-history-specific>get-firewall-authentication-history-specific</get-firewall-authentication-history-specific>

  </get-firewall-authentication-history>
</rpc>
```

Description Show firewall authentication history

Contents <get-firewall-authentication-history-specific>—Locate authentication history by id
 <get-firewall-authentication-history-specific>—Locate authentication history by ip address

<get-firewall-authentication-users>

Usage

```
<rpc>
  <get-firewall-authentication-users>
    <filter>filter</filter>

    <get-firewall-authentication-users-specific>get-firewall-authentication-users-specific</get-firewall-authentication-users-specific>
```

```
<get-firewall-authentication-users-specific>get-firewall-authentication-users-specific</get-firewall-authentication-users-specific>

  </get-firewall-authentication-users>
</rpc>
```

Description Show current firewall authentication users

Contents <get-firewall-authentication-users-specific>—Locate authentication entry by id
<get-firewall-authentication-users-specific>—Locate authentication entry by ip address

<get-firewall-dynamic-policies>

Usage

```
<rpc>
  <get-firewall-dynamic-policies>
    <from-zone>from-zone</from-zone>
    <to-zone>to-zone</to-zone>
    <detail/>
    <scope-id>scope-id</scope-id>
  </get-firewall-dynamic-policies>
</rpc>
```

Description Show security firewall dynamic policies

Contents <from-zone>—Show the policy information matching the given source zone
<to-zone>—Show the policy information matching the given destination zone
<detail>—Show the detailed dynamic policy information
<scope-id>—Show the policy information matching the given scope policy id
[4...MAX_POLICIES]

<get-firewall-policies>

Usage

```
<rpc>
  <get-firewall-policies>
    <from-zone>from-zone</from-zone>
    <to-zone>to-zone</to-zone>
    <policy-name>policy-name</policy-name>
    <detail/>
    <zone-context/>
    <start>start</start>
    <count>count</count>
    <application-firewall/>
  </get-firewall-policies>
```



```
</rpc>
```

Description Show security firewall policies

Contents

- <from-zone>—Show the policy information matching the given source zone
- <to-zone>—Show the policy information matching the given destination zone
- <policy-name>—Show the policy information matching the given policy name
- <detail>—Show the detailed information
- <zone-context>—Show the count of policies in each context (from-zone and to-zone)
- <start>—Show the policies from a given position
- <count>—Number of policies to show
- <application-firewall>—Show the information of application-firewall

<get-flow-cp-session>

Usage

```
<rpc>
  <get-flow-cp-session>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <family>family</family>
    <summary/>
    <terse/>
  </get-flow-cp-session>
</rpc>
```

Description Show CP sessions

Contents

- <source-prefix>—Source IP prefix or address
 - icmp - Internet Control Message Protocol
 - igmp - Internet Group Management Protocol
 - ipip - IP in IP
 - tcp - Transmission Control Protocol
 - egp - Exterior gateway protocol
 - udp - User Datagram Protocol
 - rsvp - Resource Reservation Protocol

- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-prefix>—Destination IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<source-port>—Source port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-port>—Destination port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<protocol>—IP protocol number

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<family>—Show session by family

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<summary>—Show output summary

<terse>—Show terse output (default)

<get-flow-gate-information>

Usage

```
<rpc>
  <get-flow-gate-information>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <family>family</family>
    <summary/>
    <brief/>
  </get-flow-gate-information>
```

</rpc>

Description Show gate information

Contents <source-prefix>—Source IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-prefix>—Destination IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6

- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<source-port>—Source port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPsec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-port>—Destination port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol

- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<protocol>—IP protocol number

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<family>—Show session by family

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<summary>—Show output summary

<brief>—Show brief output (default)

<get-flow-ipaction-information>

Usage

```
<rpc>
  <get-flow-ipaction-information>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
    <protocol>protocol</protocol>
    <family>family</family>
  </get-flow-ipaction-information>
</rpc>
```

Description Show ip-action table

Contents

<source-prefix>—Source IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-prefix>—Destination IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<source-port>—Source port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-port>—Destination port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<protocol>—IP protocol number

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6

- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<family>—Show session by family

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<get-flow-ipaction-information-all>—Show all ip-action entries

<get-flow-ipaction-information-all>

Usage

```
<rpc>
  <get-flow-ipaction-information-all/>
</rpc>
```

Description Show all ip-action entries

<get-flow-session-by-identifier>

Usage

```
<rpc>
  <get-flow-session-by-identifier>
    <session-identifier>session-identifier</session-identifier> <!-- mandatory -->
  </get-flow-session-by-identifier>
</rpc>
```

Description Show session with specified session identifier

Contents <session-identifier>—Session identifier

<get-flow-session-information>

Usage

```
<rpc>
  <get-flow-session-information>
    <source-prefix>source-prefix</source-prefix>
    <destination-prefix>destination-prefix</destination-prefix>
    <source-port>source-port</source-port>
    <destination-port>destination-port</destination-port>
  </get-flow-session-information>
</rpc>
```

```
<protocol>protocol</protocol>
<summary/>
<brief/>
<extensive/>
<idp/>
<tunnel/>
<nat/>
<resource-manager/>
<application>application</application>
<family>family</family>
<interface>interface</interface>
</get-flow-session-information>
</rpc>
```

Description Show session table

Contents <source-prefix>—Source IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type

- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-prefix>—Destination IP prefix or address

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload

- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell

- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<source-port>—Source port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS

- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<destination-port>—Destination port

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- dns - Domain Name Service

- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<protocol>—IP protocol number

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP

- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)
- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
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- rsh - Remote Shell
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- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program

- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<summary>—Show output summary

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol

- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<brief>—Show brief output (default)

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol

- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<extensive>—Show detailed output

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell

- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<idp>—Show idp sessions

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<tunnel>—Show tunnel sessions

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<nat>—Show sessions with network address translation

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<resource-manager>—Show sessions with resource manager

- dns - Domain Name Service
- ftp - File Transfer Protocol
- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<application>—Application protocol name

- dns - Domain Name Service
- ftp - File Transfer Protocol

- gprs-gtp-c - GPRS Tunneling Control Plane
- gprs-gtp-u - GPRS Tunneling User Plane
- gprs-gtp-v0 - GPRS Tunneling Version 0
- gprs-sctp - GPRS Stream Control Protocol
- ignore - Ignore application type
- mgcp-ca - MGCP-CA
- mgcp-ua - MGCP-UA
- ms-rpc - Microsoft RPC
- pptp - Point-to-Point Tunneling Protocol
- sun-rpc - Sun Microsystems RPC
- q931 - Q.931
- ras - RAS
- realaudio - RealAudio
- rsh - Remote Shell
- rtsp - Real Time Streaming Protocol
- sccp - Skinny Client Control Protocol
- sip - Session Initiation Protocol
- sqlnet-v2 - Oracle SQL*Net Version 2
- talk - Talk program
- tftp - Trivial File Transfer Protocol
- http - Hyper Text transfer protocol
- https - Secure HyperText Transfer Protocol
- smtp - Simple Mail Transfer Protocol
- imap - Internet Message Access Protocol
- ssh - Secure Shell
- telnet - Telnet Terminal Emulation Protocol
- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<family>—Show session by family

- inet - Show IPv4
- inet6 - Show IPv6/IPv6-NATPT

<interface>—Name of incoming or outgoing interface

<get-flow-session-by-identifier>—Show session with specified session identifier

<get-flow-statistics-all>

Usage

```
<rpc>
  <get-flow-statistics-all/>
</rpc>
```

Description Show flow statistics

<get-flow-status-all>

Usage

```
<rpc>
  <get-flow-status-all/>
</rpc>
```

Description Show flow status

<get-gvpn-ike-security-associations-information>

Usage

```
<rpc>
  <get-gvpn-ike-security-associations-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
    <index>index</index>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-gvpn-ike-security-associations-information>
</rpc>
```

Description Show IKE security association information

Contents <brief>—Show brief output (default)

<detail>—Show detailed output

<peer-address>—IP address of the peer

<index>—Index of security association

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<get-gvpn-ipsec-statistics-information>

Usage

```
<rpc>
  <get-gvpn-ipsec-statistics-information>
    <fpc>fpc</fpc>
    <pic>pic</pic>

    <show-gvpn-index-ipsec-statistics>show-gvpn-index-ipsec-statistics</show-gvpn-index-ipsec-statistics>

  </get-gvpn-ipsec-statistics-information>
</rpc>
```

Description Show IPSec statistics

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<show-gvpn-index-ipsec-statistics>—Index of Security Association

<get-gvpn-kek-security-associations-information>

Usage

```
<rpc>
  <get-gvpn-kek-security-associations-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
    <index>index</index>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-gvpn-kek-security-associations-information>
</rpc>
```

Description Show KEK security association information

Contents <brief>—Show brief output (default)

<detail>—Show detailed output

<peer-address>—IP address of the peer

<index>—Index of security association

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<get-gvpn-security-associations-information>

Usage

```
<rpc>
  <get-gvpn-security-associations-information>
  <brief/>
  <detail/>

  <show-gvpn-index-ipsec-security-association> <show-gvpn-index-ipsec-security-association> <show-gvpn-index-ipsec-security-association>

  <fpc>fpc</fpc>
  <pic>pic</pic>
  <kmd-instance>kmd-instance</kmd-instance>
  </get-gvpn-security-associations-information>
</rpc>
```

Description Show IPSec security association information

Contents <brief>—Display brief output

<detail>—Display detailed output

<show-gvpn-index-ipsec-security-association>—Index of security association

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<get-gvrp-information>

Usage

```
<rpc>
  <get-gvrp-information>
  </get-gvrp-information>
</rpc>
```

Description Show Generic VLAN Registration Protocol information

Contents <timers>—Show GVRP protocol timers

<statistics>—Show GVRP statistics

<get-ids-statistics>

Usage

```
<rpc>
  <get-ids-statistics>
    <filter>filter</filter> <!-- mandatory -->
    <zone>zone</zone>
    <interface>interface</interface>
  </get-ids-statistics>
</rpc>
```

Description Show screen attack statistics information

Contents <zone>—IDS statistics zone

<interface>—IDS statistics interface

<get-ike-active-peers-information>

Usage

```
<rpc>
  <get-ike-active-peers-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
    <port>port</port>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-ike-active-peers-information>
</rpc>
```

Description Show IKE active peers

Contents <brief>—Display brief output

<detail>—Display detailed output

<peer-address>—IP of peer

<port>—Port number of peer

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<get-ike-security-associations-information>

Usage

```

<rpc>
  <get-ike-security-associations-information>
    <brief/>
    <detail/>
    <peer-address>peer-address</peer-address>
    <index>index</index>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
    <family>family</family>
  </get-ike-security-associations-information>
</rpc>

```

Description Show IKE security association information

Contents <brief>—Show brief output (default)

- inet - Show IPv4
- inet6 - Show IPv6

<detail>—Show detailed output

- inet - Show IPv4
- inet6 - Show IPv6

<peer-address>—IP address of the peer

- inet - Show IPv4
- inet6 - Show IPv6

<index>—Index of security association

- inet - Show IPv4
- inet6 - Show IPv6

<fpc>—FPC slot number

- inet - Show IPv4
- inet6 - Show IPv6

<pic>—PIC slot number

- inet - Show IPv4
- inet6 - Show IPv6

<kmd-instance>—Name of KMD instance or 'all'

- inet - Show IPv4
- inet6 - Show IPv6

<family>—Show IKE security association by family

- inet - Show IPv4
- inet6 - Show IPv6

<get-incoming-table-information>

Usage

```
<rpc>
  <get-incoming-table-information/>
</rpc>
```

Description Show incoming table information

<get-interface-nat-ports-information>

Usage

```
<rpc>
  <get-interface-nat-ports-information/>
</rpc>
```

Description Show interface nat ports information

<get-ipsec-next-hop-tunnel-information>

Usage

```
<rpc>
  <get-ipsec-next-hop-tunnel-information>
    <interface-name>interface-name</interface-name>
  </get-ipsec-next-hop-tunnel-information>
</rpc>
```

Description Show manual and auto next-hop-tunnel entries

Contents <interface-name>—Name of secure tunnel logical interface

<get-ipsec-statistics-information>

Usage

```
<rpc>
```



```
<get-ipsec-statistics-information>
  <fpc>fpc</fpc>
  <pic>pic</pic>

<show-index-ipsec-statistics>show-index-ipsec-statistics</show-index-ipsec-statistics>

</get-ipsec-statistics-information>
</rpc>
```

Description Show IPSec statistics

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<show-index-ipsec-statistics>—Index of Security Association

<get-performance-session-information>

Usage

```
<rpc>
  <get-performance-session-information>
    <fpc>fpc</fpc>
    <pic>pic</pic>
  </get-performance-session-information>
</rpc>
```

Description Show security performance session information

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<get-performance-spu-information>

Usage

```
<rpc>
  <get-performance-spu-information>
    <fpc>fpc</fpc>
    <pic>pic</pic>
  </get-performance-spu-information>
</rpc>
```

Description Show security performance SPU information

Contents <fpc>—FPC slot number

<pic>—PIC slot number

<get-persist-nat-all>

Usage

```
<rpc>
  <get-persist-nat-all/>
</rpc>
```

Description Show all persistent NAT information

<get-persist-nat-interface-information>

Usage

```
<rpc>
  <get-persist-nat-interface-information/>
</rpc>
```

Description Show persistent NAT information of this interface

<get-persist-nat-sum>

Usage

```
<rpc>
  <get-persist-nat-sum/>
</rpc>
```

Description Show persistent NAT summary information

<get-poe-controller-information>

Usage

```
<rpc>
  <get-poe-controller-information/>
</rpc>
```

Description Show Power over Ethernet system information

<get-poe-fpc-information>

Usage

```
<rpc>
  <get-poe-fpc-information>
    <fpc-slot>fpc-slot</fpc-slot>
  </get-poe-fpc-information>
</rpc>
```

Description Show power over ethernet fpc information

Contents <fpc-slot>—FPC slot number

<get-poe-interface-information>

Usage

```
<rpc>
  <get-poe-interface-information>
    <ifname>ifname</ifname>
  </get-poe-interface-information>
</rpc>
```

Description Show Power over Ethernet interfaces

Contents <ifname>—Name of interface

<get-poe-notifications>

Usage

```
<rpc>
  <get-poe-notifications/>
</rpc>
```

Description Show Power over Ethernet notification information

<get-pre-shared-key>

Usage

```
<rpc>
  <get-pre-shared-key>
    <user-id>user-id</user-id>
    <master-key>master-key</master-key> <!-- mandatory -->
  </get-pre-shared-key>
</rpc>
```

Description Show IKE pre-shared key information for a particular group-ike-id user

Contents <user-id>—IKE user-id value

<master-key>—Master pre-shared key

<get-resmgr-group-active>

Usage

```
<rpc>
```

```
<get-resmgr-group-active>
  <group-number>group-number</group-number>
</get-resmgr-group-active>
</rpc>
```

Description Show active resource manager group service information

Contents <group-number>—Show active resource manager group

<get-resmgr-resource-active>

Usage

```
<rpc>
  <get-resmgr-resource-active>
    <resource-number>resource-number</resource-number>
  </get-resmgr-resource-active>
</rpc>
```

Description Show active resource manager resource service information

Contents <resource-number>—Show active resource manager resource

<get-resmgr-settings>

Usage

```
<rpc>
  <get-resmgr-settings/>
</rpc>
```

Description Show resource manager settings information

<get-resource-manager-summary>

Usage

```
<rpc>
  <get-resource-manager-summary/>
</rpc>
```

Description Show resource manager summary information

<get-retag-statistics>

Usage

```
<rpc>
  <get-retag-statistics>
```

```

    <filter>filter</filter> <!-- mandatory -->
    <interface>interface</interface>
    <vlan-id>vlan-id</vlan-id>
  </get-retag-statistics>
</rpc>

```

Description Show vlan rewrite statistics information

Contents <interface>—Rewrite statistics interface

<vlan-id>—Rewrite statistics on vlan-id

<get-schedulers>

Usage

```

<rpc>
  <get-schedulers>
    <scheduler-name>scheduler-name</scheduler-name>
  </get-schedulers>
</rpc>

```

Description Show the information on one or more schedulers

Contents <scheduler-name>—Name of the scheduler

<get-security-associations-information>

Usage

```

<rpc>
  <get-security-associations-information>
    <brief/>
    <detail/>
    <family>family</family>

    <show-index-ipsec-security-association>show-index-ipsec-security-association</show-index-ipsec-security-association>

    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-security-associations-information>
</rpc>

```

Description Show IPSec security association information

Contents <brief>—Display brief output

- inet - Show IPv4
- inet6 - Show IPv6

<detail>—Display detailed output

- inet - Show IPv4
- inet6 - Show IPv6

<family>—Show IPSec security association information by family

- inet - Show IPv4
- inet6 - Show IPv6

<show-index-ipsec-security-association>—Index of security association

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

<get-security-group-vpn-server-ike-security-associations-information>

Usage

```
<rpc>
  <get-security-group-vpn-server-ike-security-associations-information>
    <brief/>
    <detail/>
    <group_index_choice>group_index_choice</group_index_choice>
    <group>group</group>
    <group-id>group-id</group-id>
    <index>index</index>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-security-group-vpn-server-ike-security-associations-information>
</rpc>
```

Description Show IKE security association information

Contents <brief>—Show brief output (default)

<detail>—Show detailed output

<group>—Show specified group

<group-id>—Show specified group id

<index>—Index of security association

<fpc>—FPC slot number

<pic>—PIC slot number

<kmd-instance>—Name of KMD instance or 'all'

```
<rpc>
  <get-security-group-vpn-server-kek-sa>
    <brief/>
    <detail/>
    <group_index_choice>group_index_choice</group_index_choice>
    <group>group</group>
    <group-id>group-id</group-id>
    <index>index</index>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-security-group-vpn-server-kek-sa>
</rpc>
```

<kmd-instance>—Name of KMD instance or 'all'

```
<get-security-group-vpn-server-registered-members>
```

```
<rpc>
  <get-security-group-vpn-server-registered-members>
    <group_choice>group_choice</group_choice>
  </get-security-group-vpn-server-registered-members>
</rpc>
```

</rpc>

Description Show group VPN registered members for group VPN server

Contents <show-security-group-vpn-server-reg-group-name>—Show specified group
<show-security-group-vpn-server-reg-group-id>—Show specified group id
<fpc>—FPC slot number
<pic>—PIC slot number
<kmd-instance>—Name of KMD instance or 'all'

<get-security-group-vpn-server-security-information>

Usage

```
<rpc>
  <get-security-group-vpn-server-security-information>
    <brief/>
    <detail/>
    <group_choice>group_choice</group_choice>
    <group>group</group>
    <group-id>group-id</group-id>
    <fpc>fpc</fpc>
    <pic>pic</pic>
    <kmd-instance>kmd-instance</kmd-instance>
  </get-security-group-vpn-server-security-information>
</rpc>
```

Description Show IPSec security association information for group VPN server

Contents <brief>—Show brief output (default)
<detail>—Show detailed output
<group>—Show specified group
<group-id>—Show specified group id
<fpc>—FPC slot number
<pic>—PIC slot number
<kmd-instance>—Name of KMD instance or 'all'

<get-security-report-threats-recent-activity>

Usage

```
<rpc>
```



```
<get-security-report-threats-recent-activity/>
</rpc>
```

Description Show the most recent threat activities

<get-security-report-threats-statistics>

Usage

```
<rpc>
  <get-security-report-threats-statistics/>
</rpc>
```

Description Show the threat statistics

<get-security-report-threats-summary>

Usage

```
<rpc>
  <get-security-report-threats-summary/>
</rpc>
```

Description Show threat indicator summary

<get-security-report-traffic-statistics>

Usage

```
<rpc>
  <get-security-report-traffic-statistics/>
</rpc>
```

Description Show the traffic statistics

<get-smtp-configuration>

Usage

```
<rpc>
  <get-smtp-configuration/>
</rpc>
```

Description Show SMTP server configuration information

<get-smtp-statistics>

Usage

```
<rpc>
  <get-smtp-statistics/>
</rpc>
```

Description Show SMTP client service statistics

<get-source-nat-pool-information>

Usage

```
<rpc>
  <get-source-nat-pool-information>
    <pool-name>pool-name</pool-name> <!-- mandatory -->
  </get-source-nat-pool-information>
</rpc>
```

Description Show source NAT information of this pool

Contents <pool-name>—Address-pool name

<get-source-nat-rule-sets-information>

Usage

```
<rpc>
  <get-source-nat-rule-sets-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </get-source-nat-rule-sets-information>
</rpc>
```

Description Show source NAT rule-set information

Contents <rule-name>—The name of the source NAT rule-set

<all>—Display all source NAT rule-sets information

<get-source-nat-summary>

Usage

```
<rpc>
  <get-source-nat-summary/>
</rpc>
```

Description Show source NAT summary information

<get-spu-monitoring-information>

Usage

```
<rpc>
  <get-spu-monitoring-information>
    <fpc-slot>fpc-slot</fpc-slot> <!-- mandatory -->
  </get-spu-monitoring-information>
</rpc>
```

Description Show the FPC slot security monitoring information

Contents <fpc-slot>—FPC slot number

<get-static-nat-rule-information>

Usage

```
<rpc>
  <get-static-nat-rule-information>
    <rule-choice>rule-choice</rule-choice> <!-- mandatory -->
    <rule-name>rule-name</rule-name> <!-- mandatory -->
    <all/>
  </get-static-nat-rule-information>
</rpc>
```

Description Show static NAT rule information

Contents <rule-name>—The name of the rule
<all>—Display all static NAT rule information

<get-static-nat-summary>

Usage

```
<rpc>
  <get-static-nat-summary/>
</rpc>
```

Description Show static NAT summary information

<get-telemetries-information>

Usage

```
<rpc>
  <get-telemetries-information>
```

```
<ifname>ifname</ifname> <!-- mandatory -->
<all/>
<entries/>
</get-telemetries-information>
</rpc>
```

Description Show telemetries for an interface

Contents <ifname>—Name of interface

<all>—Show all entries

<entries>—Number of entries

<get-tgm-dynamic-cac-information>

Usage

```
<rpc>
<get-tgm-dynamic-cac-information/>
</rpc>
```

Description Show dynamic call admission control information

<get-tgm-information>

Usage

```
<rpc>
<get-tgm-information>
<slot>slot</slot> <!-- mandatory -->
<media-gateway-controller/>
<dsp-capacity/>
</get-tgm-information>
</rpc>
```

Description Show Flexible PIC Concentrator information

Contents <slot>—FPC slot number

<media-gateway-controller>—Show TGM media gateway controller configuration

<dsp-capacity>—Show TGM DSP resources

<get-tgm-telephony-interface-module-status>

Usage

```
<rpc>
<get-tgm-telephony-interface-module-status>
<status/>
```

```

    </get-tgm-telephony-interface-module-status>
  </rpc>

```

Description Show telephony interface module information

Contents <status>—Status of telephony interface modules

<get-user-connection>

Usage

```

<rpc>
  <get-user-connection>
    <terse/>
    <detail/>
  </get-user-connection>
</rpc>

```

Description Show Dynamic VPN user connection information

Contents <terse>—Display terse output

<detail>—Display detailed user connection information (default)

<get-wlan-access-points-list>

Usage

```

<rpc>
  <get-wlan-access-points-list>
    <wlan-access-point-name>wlan-access-point-name</wlan-access-point-name>

    <client-associations/>
    <detail/>
    <neighbors/>
    <virtual-access-points/>
  </get-wlan-access-points-list>
</rpc>

```

Description Show Wireless LAN access points information

Contents <wlan-access-point-name>—Name of the access point

<client-associations>—Show access point client associations

<detail>—Show detailed output

<neighbors>—Show access point neighbors

<virtual-access-points>—Show virtual access points

<get-wx-status>

Usage

```
<rpc>
  <get-wx-status>
</get-wx-status>
</rpc>
```

Description Show WAN acceleration status

Contents

<get-zones-information>

Usage

```
<rpc>
  <get-zones-information>
    <filter>filter</filter>

    <get-zones-named-information>get-zones-named-information</get-zones-named-information>

    <type>type</type>
    <terse/>
    <detail/>
  </get-zones-information>
</rpc>
```

Description Show security zone information

Contents <get-zones-named-information>—Show information for a specified zone

- functional - Show information for functional zones
- security - Show information for security zones

<type>—Show information for zones of a specified type

- functional - Show information for functional zones
- security - Show information for security zones

<terse>—Display terse output

<detail>—Display detailed output (default)

<match-firewall-policies>

Usage

```
<rpc>
  <match-firewall-policies>
```

```

<from-zone>from-zone</from-zone> <!-- mandatory -->
<to-zone>to-zone</to-zone> <!-- mandatory -->
<source-ip>source-ip</source-ip> <!-- mandatory -->
<destination-ip>destination-ip</destination-ip> <!-- mandatory -->
<source-port>source-port</source-port> <!-- mandatory -->
<destination-port>destination-port</destination-port> <!-- mandatory -->
<protocol>protocol</protocol> <!-- mandatory -->
<result-count>result-count</result-count>
</match-firewall-policies>
</rpc>

```

Description Show security match policies

Contents <from-zone>—Match policy for the given source zone

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<to-zone>—Match policy for the given destination zone

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol

- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<source-ip>—Match policy for the given source IP

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<destination-ip>—Match policy for the given destination IP

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol

- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<source-port>—Match policy for the given source port)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<destination-port>—Match policy for the given destination port)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol

- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<protocol>—Match policy for the given protocol)

- icmp - Internet Control Message Protocol
- igmp - Internet Group Management Protocol
- ipip - IP in IP
- tcp - Transmission Control Protocol
- egp - Exterior gateway protocol
- udp - User Datagram Protocol
- rsvp - Resource Reservation Protocol
- gre - Generic routing encapsulation
- esp - IPSec Encapsulating Security Payload
- ah - IP Security authentication header
- icmp6 - Internet Control Message Protocol Version 6
- ospf - Open Shortest Path First
- pim - Protocol Independent Multicast
- sctp - Stream Control Transmission Protocol
- protocol-number - Numeric protocol value (0 .. 255)

<result-count>—Expected results count (optional)

<request-anti-virus-request-update-express>

Usage

```
<rpc>
  <request-anti-virus-request-update-express>
    <pattern-update/>
    <pattern-reload/>
    <pattern-delete/>
  </request-anti-virus-request-update-express>
</rpc>
```

Description Request update of anti-virus pattern for juniper-express-engine

Contents <pattern-update>—Update juniper-express-engine pattern
<pattern-reload>—Reload juniper-express-engine pattern
<pattern-delete>—Delete juniper-express-engine pattern

<request-anti-virus-request-update-kaspersky>

Usage

```
<rpc>  
  <request-anti-virus-request-update-kaspersky>  
    <pattern-update/>  
    <pattern-reload/>  
    <pattern-delete/>  
  </request-anti-virus-request-update-kaspersky>  
</rpc>
```

Description Request update of anti-virus pattern for kaspersky-lab-engine

Contents <pattern-update>—Update kaspersky-lab-engine pattern
<pattern-reload>—Reload kaspersky-lab-engine pattern
<pattern-delete>—Delete kaspersky-lab-engine pattern

<request-anti-virus-update-sophos-patterns>

Usage

```
<rpc>  
  <request-anti-virus-update-sophos-patterns>  
    <pattern-update/>  
    <pattern-reload/>  
    <pattern-delete/>  
  </request-anti-virus-update-sophos-patterns>  
</rpc>
```

Description Request update of anti-virus pattern for sophos-engine

Contents <pattern-update>—Update sophos-engine pattern
<pattern-reload>—Reload sophos-engine pattern
<pattern-delete>—Delete sophos-engine pattern

<request-chassis-cluster-in-service-upgrade>

Usage

```
<rpc>
  <request-chassis-cluster-in-service-upgrade>
  <abort/>
</request-chassis-cluster-in-service-upgrade>
</rpc>
```

Description Initiate in-service-upgrade

Contents <abort>—Abort in-service-upgrade

<failover>—Initiate failover for a redundancy-group

<request-eedebug-capture-start>

Usage

```
<rpc>
  <request-eedebug-capture-start/>
</rpc>
```

Description Start datapath debug packet capture

<request-eedebug-capture-stop>

Usage

```
<rpc>
  <request-eedebug-capture-stop/>
</rpc>
```

Description Stop datapath debug packet capture

<request-gsm-change-pin>

Usage

```
<rpc>
  <request-gsm-change-pin>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <old-pin>old-pin</old-pin> <!-- mandatory -->
    <new-pin>new-pin</new-pin> <!-- mandatory -->
  </request-gsm-change-pin>
</rpc>
```

Description Unblock SIM

Contents <interface-name>—Name of physical interface

<old-pin>—Current SIM unlock code (PIN)

<new-pin>—New SIM unlock code (PIN) to be set

<request-gsm-create-profile>

Usage

```
<rpc>
  <request-gsm-create-profile>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <profile-id>profile-id</profile-id> <!-- mandatory -->
    <sip-user-id>sip-user-id</sip-user-id>
    <sip-password>sip-password</sip-password>
    <access-point-name>access-point-name</access-point-name> <!-- mandatory
-->
    <authentication-method>authentication-method</authentication-method>
  </request-gsm-create-profile>
</rpc>
```

Description Create GSM profile

Contents <interface-name>—Name of physical interface

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<profile-id>—Profile Id

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<sip-user-id>—SIP User ID

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<sip-password>—SIP Password

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<access-point-name>—Access Point Name (APN)

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<authentication-method>—Authentication method

- pap - Password Authentication Protocol
- chap - Challenge Handshake Authentication Protocol

<request-gsm-delete-profile>

Usage

```
<rpc>
  <request-gsm-delete-profile>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <profile-id>profile-id</profile-id> <!-- mandatory -->
  </request-gsm-delete-profile>
</rpc>
```

Description Create GSM profile

Contents <interface-name>—Name of physical interface

<profile-id>—Profile Id

<request-gsm-sim-lock>

Usage

```
<rpc>
  <request-gsm-sim-lock>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <pin>pin</pin> <!-- mandatory -->
    <enable/>
    <disable/>
  </request-gsm-sim-lock>
</rpc>
```

Description Enable or disable SIM lock

Contents <interface-name>—Name of physical interface

<pin>—SIM unlock code (PIN)

<enable>—Enable SIM lock

<disable>—Disable SIM lock

<request-gsm-sim-unblock>

Usage

```
<rpc>
  <request-gsm-sim-unblock>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <puk>puk</puk> <!-- mandatory -->
```

```

    <pin>pin</pin> <!-- mandatory -->
  </request-gsm-sim-unblock>
</rpc>

```

Description Unblock SIM

Contents <interface-name>—Name of physical interface
 <puk>—SIM unblock code (PUK)
 <pin>—New SIM unlock code (PIN) to be set

<request-gsm-sim-unlock>

Usage

```

<rpc>
  <request-gsm-sim-unlock>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <pin>pin</pin> <!-- mandatory -->
  </request-gsm-sim-unlock>
</rpc>

```

Description Unlock SIM

Contents <interface-name>—Name of physical interface
 <pin>—SIM unlock code (PIN)

<request-modem-wireless-activate-iota>

Usage

```

<rpc>
  <request-modem-wireless-activate-iota>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
  </request-modem-wireless-activate-iota>
</rpc>

```

Description Internet Over The Air Activation

Contents <interface-name>—Name of physical interface

<request-modem-wireless-activate-manual>

Usage

```

<rpc>
  <request-modem-wireless-activate-manual>
    <interface-name>interface-name</interface-name> <!-- mandatory -->

```

```
<msl>msl</msl> <!-- mandatory -->
<mdn>mdn</mdn> <!-- mandatory -->
<imsi>imsi</imsi> <!-- mandatory -->
<sid>sid</sid>
<nid>nid</nid>
<sip-user-id>sip-user-id</sip-user-id>
<sip-password>sip-password</sip-password>
</request-modem-wireless-activate-manual>
</rpc>
```

Description Manual Activation

Contents <interface-name>—Name of physical interface

<msl>—Master Subsidy Lock

<mdn>—Mobile Dictionary Number

<imsi>—International Mobile Station Identity

<sid>—System identification

<nid>—Network identification

<sip-user-id>—SIP user ID

<sip-password>—SIP password

<request-modem-wireless-activate-otasp>

Usage

```
<rpc>
<request-modem-wireless-activate-otasp>
  <interface-name>interface-name</interface-name> <!-- mandatory -->
  <dial-string>dial-string</dial-string> <!-- mandatory -->
</request-modem-wireless-activate-otasp>
</rpc>
```

Description Over The Air Service Provisioning

Contents <interface-name>—Name of physical interface

<dial-string>—

<request-wlan-access-point-firmware-switch>

Usage

```
<rpc>
<request-wlan-access-point-firmware-switch>
  <wlan-access-point-name>wlan-access-point-name</wlan-access-point-name>
```



```

<!-- mandatory -->
</request-wlan-access-point-firmware-switch>
</rpc>

```

Description Switch to alternate firmware image on the access point

Contents <wlan-access-point-name>—Name of the access point

<request-wlan-access-point-firmware-upgrade>

Usage

```

<rpc>
<request-wlan-access-point-firmware-upgrade>
<name/>
<all/>
<file>file</file> <!-- mandatory -->
</request-wlan-access-point-firmware-upgrade>
</rpc>

```

Description Upgrade the firmware

Contents <name>—Name of the access point

<all>—All access points

<file>—Manually specified firmware file

<request-wlan-access-point-packet-capture-start>

Usage

```

<rpc>
<request-wlan-access-point-packet-capture-start>

<pcap-start-access-point-name>pcap-start-access-point-name</pcap-start-access-point-name>
<!-- mandatory -->
<interface>interface</interface> <!-- mandatory -->
<duration>duration</duration>
<filename>filename</filename>
<size>size</size>
<promiscuous/>
<disable-beacons/>
<filter-mac>filter-mac</filter-mac>
</request-wlan-access-point-packet-capture-start>
</rpc>

```

Description Start the packet capture

Contents <pcap-start-access-point-name>—Name of the access point

- Bridge - Bridge interface on the access point
- Ethernet - Ethernet interface on the access point
- Radio1 - Radio 1 interface on the access point
- Radio2 - Radio 2 interface on the access point
- Radio1VAP0 - Radio 1 VAP 0 interface on the access point
- Radio1VAP1 - Radio 1 VAP 1 interface on the access point
- Radio1VAP2 - Radio 1 VAP 2 interface on the access point
- Radio1VAP3 - Radio 1 VAP 3 interface on the access point
- Radio1VAP4 - Radio 1 VAP 4 interface on the access point
- Radio1VAP5 - Radio 1 VAP 5 interface on the access point
- Radio1VAP6 - Radio 1 VAP 6 interface on the access point
- Radio1VAP7 - Radio 1 VAP 7 interface on the access point
- Radio1VAP8 - Radio 1 VAP 8 interface on the access point
- Radio1VAP9 - Radio 1 VAP 9 interface on the access point
- Radio1VAP10 - Radio 1 VAP 10 interface on the access point
- Radio1VAP11 - Radio 1 VAP 11 interface on the access point
- Radio1VAP12 - Radio 1 VAP 12 interface on the access point
- Radio1VAP13 - Radio 1 VAP 13 interface on the access point
- Radio1VAP14 - Radio 1 VAP 14 interface on the access point
- Radio1VAP15 - Radio 1 VAP 15 interface on the access point
- Radio2VAP0 - Radio 2 VAP 0 interface on the access point
- Radio2VAP1 - Radio 2 VAP 1 interface on the access point
- Radio2VAP2 - Radio 2 VAP 2 interface on the access point
- Radio2VAP3 - Radio 2 VAP 3 interface on the access point
- Radio2VAP4 - Radio 2 VAP 4 interface on the access point
- Radio2VAP5 - Radio 2 VAP 5 interface on the access point
- Radio2VAP6 - Radio 2 VAP 6 interface on the access point
- Radio2VAP7 - Radio 2 VAP 7 interface on the access point
- Radio2VAP8 - Radio 2 VAP 8 interface on the access point
- Radio2VAP9 - Radio 2 VAP 9 interface on the access point
- Radio2VAP10 - Radio 2 VAP 10 interface on the access point
- Radio2VAP11 - Radio 2 VAP 11 interface on the access point
- Radio2VAP12 - Radio 2 VAP 12 interface on the access point

- Radio2VAP13 - Radio 2 VAP 13 interface on the access point
- Radio2VAP14 - Radio 2 VAP 14 interface on the access point
- Radio2VAP15 - Radio 2 VAP 15 interface on the access point

<interface>—Name of the interface

- Bridge - Bridge interface on the access point
- Ethernet - Ethernet interface on the access point
- Radio1 - Radio 1 interface on the access point
- Radio2 - Radio 2 interface on the access point
- Radio1VAP0 - Radio 1 VAP 0 interface on the access point
- Radio1VAP1 - Radio 1 VAP 1 interface on the access point
- Radio1VAP2 - Radio 1 VAP 2 interface on the access point
- Radio1VAP3 - Radio 1 VAP 3 interface on the access point
- Radio1VAP4 - Radio 1 VAP 4 interface on the access point
- Radio1VAP5 - Radio 1 VAP 5 interface on the access point
- Radio1VAP6 - Radio 1 VAP 6 interface on the access point
- Radio1VAP7 - Radio 1 VAP 7 interface on the access point
- Radio1VAP8 - Radio 1 VAP 8 interface on the access point
- Radio1VAP9 - Radio 1 VAP 9 interface on the access point
- Radio1VAP10 - Radio 1 VAP 10 interface on the access point
- Radio1VAP11 - Radio 1 VAP 11 interface on the access point
- Radio1VAP12 - Radio 1 VAP 12 interface on the access point
- Radio1VAP13 - Radio 1 VAP 13 interface on the access point
- Radio1VAP14 - Radio 1 VAP 14 interface on the access point
- Radio1VAP15 - Radio 1 VAP 15 interface on the access point
- Radio2VAP0 - Radio 2 VAP 0 interface on the access point
- Radio2VAP1 - Radio 2 VAP 1 interface on the access point
- Radio2VAP2 - Radio 2 VAP 2 interface on the access point
- Radio2VAP3 - Radio 2 VAP 3 interface on the access point
- Radio2VAP4 - Radio 2 VAP 4 interface on the access point
- Radio2VAP5 - Radio 2 VAP 5 interface on the access point
- Radio2VAP6 - Radio 2 VAP 6 interface on the access point
- Radio2VAP7 - Radio 2 VAP 7 interface on the access point
- Radio2VAP8 - Radio 2 VAP 8 interface on the access point

- Radio2VAP9 - Radio 2 VAP 9 interface on the access point
- Radio2VAP10 - Radio 2 VAP 10 interface on the access point
- Radio2VAP11 - Radio 2 VAP 11 interface on the access point
- Radio2VAP12 - Radio 2 VAP 12 interface on the access point
- Radio2VAP13 - Radio 2 VAP 13 interface on the access point
- Radio2VAP14 - Radio 2 VAP 14 interface on the access point
- Radio2VAP15 - Radio 2 VAP 15 interface on the access point

<duration>—Capture duration

<filename>—Name of the captured file

<size>—Maximum file size

<promiscuous>—Enable promiscuous mode

<disable-beacons>—Disable capture of beacons

<filter-mac>—MAC address of the interface

<request-wlan-access-point-packet-capture-stop>

Usage

```
<rpc>
  <request-wlan-access-point-packet-capture-stop>

  <pcap-stop-access-point-name>pcap-stop-access-point-name</pcap-stop-access-point-name>
  <!-- mandatory -->
  </request-wlan-access-point-packet-capture-stop>
</rpc>
```

Description Stop the packet capture

Contents <pcap-stop-access-point-name>—Name of the access point

<request-wlan-access-point-restart>

Usage

```
<rpc>
  <request-wlan-access-point-restart>

  <restart-access-point-name>restart-access-point-name</restart-access-point-name>
  <!-- mandatory -->
  </request-wlan-access-point-restart>
</rpc>
```

Description Restart operation

Contents <restart-access-point-name>—Name of the access point

<retrieve-destination-nat-summary-information>

Usage

```
<rpc>
  <retrieve-destination-nat-summary-information/>
</rpc>
```

Description Show destination NAT summary information

<retrieve-persist-nat-ip-port-information>

Usage

```
<rpc>
  <retrieve-persist-nat-ip-port-information>
    <ip>ip</ip> <!-- mandatory -->
    <internal-port>internal-port</internal-port>
  </retrieve-persist-nat-ip-port-information>
</rpc>
```

Description Show persistent NAT information of internal IP and port

Contents <ip>—Internal IP address

<internal-port>—Internal port

<retrieve-persist-nat-pool-information>

Usage

```
<rpc>
  <retrieve-persist-nat-pool-information>
    <pool-name>pool-name</pool-name> <!-- mandatory -->
  </retrieve-persist-nat-pool-information>
</rpc>
```

Description Show persistent NAT information of this pool

Contents <pool-name>—Source NAT pool name

<retrieve-source-nat-pool-information>

Usage

```
<rpc>
```

```
<retrieve-source-nat-pool-information>
  <pool-choice>pool-choice</pool-choice> <!-- mandatory -->
  <pool-name>pool-name</pool-name> <!-- mandatory -->
  <all/>
</retrieve-source-nat-pool-information>
</rpc>
```

Description Show source NAT information of this pool

Contents <pool-name>—Address-pool name
 <all>—Display all source NAT pool information

<retrieve-source-nat-summary>

Usage

```
<rpc>
  <retrieve-source-nat-summary/>
</rpc>
```

Description Show source NAT summary information

<set-chassis-cluster-disable>

Usage

```
<rpc>
  <set-chassis-cluster-disable>
    <reboot/>
  </set-chassis-cluster-disable>
</rpc>
```

Description Disable the chassis cluster

Contents <reboot>—Reboot the system after disabling the cluster

<set-chassis-cluster-enable>

Usage

```
<rpc>
  <set-chassis-cluster-enable>
    <cluster-id>cluster-id</cluster-id> <!-- mandatory -->
    <node>node</node> <!-- mandatory -->
    <reboot/>
  </set-chassis-cluster-enable>
</rpc>
```

- Description** Set cluster identifier
- Contents** <cluster-id>—Cluster identifier
- <node>—Node identifier
- <reboot>—Reboot the system after setting the identifiers

<set-tgm-media-gateway-controller>

Usage

```
<rpc>
  <set-tgm-media-gateway-controller>
    <slot>slot</slot> <!-- mandatory -->
    <media-gateway-controller>media-gateway-controller</media-gateway-controller>
  <!-- mandatory -->
</set-tgm-media-gateway-controller>
</rpc>
```

- Description** Change Flexible PIC Concentrator information

- Contents** <slot>—FPC slot number
- <media-gateway-controller>—IPv4 address of one or more media gateway controllers

<show-alg-ike-esp-state>

Usage

```
<rpc>
  <show-alg-ike-esp-state>
  </show-alg-ike-esp-state>
</rpc>
```

- Description** Show all IKE-ESP ALG state information

- Contents** <show-alg-ike-esp-summary>—Show IKE-ESP ALG summary

<show-alg-ike-esp-summary>

Usage

```
<rpc>
  <show-alg-ike-esp-summary/>
</rpc>
```

- Description** Show IKE-ESP ALG summary

<show-anti-spam>

Usage

```
<rpc>
  <show-anti-spam>
  </show-anti-spam>
</rpc>
```

Description Show anti-spam information

Contents <show-anti-spam-statistics>—Show anti-spam statistics
<show-anti-spam-status>—Show anti-spam status

<show-anti-spam-statistics>

Usage

```
<rpc>
  <show-anti-spam-statistics/>
</rpc>
```

Description Show anti-spam statistics

<show-anti-spam-status>

Usage

```
<rpc>
  <show-anti-spam-status/>
</rpc>
```

Description Show anti-spam status

<show-anti-virus>

Usage

```
<rpc>
  <show-anti-virus>
  </show-anti-virus>
</rpc>
```

Description Show anti-virus information

Contents <show-anti-virus-statistics>—Show anti-virus statistics
<show-anti-virus-status>—Show anti-virus status

<show-anti-virus-statistics>

Usage

```
<rpc>
  <show-anti-virus-statistics/>
</rpc>
```

Description Show anti-virus statistics

<show-anti-virus-status>

Usage

```
<rpc>
  <show-anti-virus-status>
  </show-anti-virus-status>
</rpc>
```

Description Show anti-virus status

Contents <show-anti-virus-status-detail>—Show anti-virus detailed status

<show-anti-virus-status-detail>

Usage

```
<rpc>
  <show-anti-virus-status-detail/>
</rpc>
```

Description Show anti-virus detailed status

<show-content-filtering>

Usage

```
<rpc>
  <show-content-filtering>
  </show-content-filtering>
</rpc>
```

Description Show content-filtering information

Contents <show-content-filtering-statistics>—Show content-filtering statistics

<show-content-filtering-statistics>

Usage

```
<rpc>
  <show-content-filtering-statistics/>
</rpc>
```

Description Show content-filtering statistics

<show-ds-lite-software-one-sc-information>

Usage

```
<rpc>
  <show-ds-lite-software-one-sc-information>
    <software-name-str>software-name-str</software-name-str> <!-- mandatory -->
  </show-ds-lite-software-one-sc-information>
</rpc>
```

Description Show Software Concentrator object

Contents <software-name-str>—Software Name

<show-ds-lite-software-sc-infomation>

Usage

```
<rpc>
  <show-ds-lite-software-sc-infomation>
</show-ds-lite-software-sc-infomation>
</rpc>
```

Description Show software information

Contents <show-ds-lite-software-one-sc-information>—Show Software Concentrator object

<show-eedebg-capture>

Usage

```
<rpc>
  <show-eedebg-capture/>
</rpc>
```

Description Show datapath debug capture file

<show-modem-wireless-interface>

Usage

```
<rpc>
  <show-modem-wireless-interface>
    <interface-name>interface-name</interface-name> <!-- mandatory -->
    <firmware/>
    <network/>
    <rsi/>
    <profiles/>
  </show-modem-wireless-interface>
</rpc>
```

Description Show wireless interface information

Contents <interface-name>—Name of physical interface

<firmware>—Show wireless interface firmware details

<network>—Show wireless Network statistics

<rsi>—Show Received Signal Strength

<profiles>—Show profile details

<show-utmd-session>

Usage

```
<rpc>
  <show-utmd-session/>
</rpc>
```

Description Show security utm session

<show-utmd-status>

Usage

```
<rpc>
  <show-utmd-status/>
</rpc>
```

Description Show security utm status

<show-web-filtering>

Usage

```
<rpc>
```

```
<show-web-filtering>
</show-web-filtering>
</rpc>
```

Description Show web-filtering information

Contents <show-web-filtering-statistics>—Show web-filtering statistics
<show-web-filtering-status>—Show web-filtering status

<show-web-filtering-statistics>

Usage

```
<rpc>
<show-web-filtering-statistics/>
</rpc>
```

Description Show web-filtering statistics

<show-web-filtering-status>

Usage

```
<rpc>
<show-web-filtering-status/>
</rpc>
```

Description Show web-filtering status

<test-anti-spam-profile>

Usage

```
<rpc>
<test-anti-spam-profile>
<profile>profile</profile>
<test-string>test-string</test-string>
</test-anti-spam-profile>
</rpc>
```

Description Test anti-spam profile

Contents <profile>—Anti-spam profile name
<test-string>—Anti-spam test string

<test-anti-virus-profile>

Usage

```
<rpc>
  <test-anti-virus-profile>
    <profile>profile</profile>
    <test-string>test-string</test-string>
  </test-anti-virus-profile>
</rpc>
```

Description Test anti-virus profile

Contents <profile>—Anti-virus profile name

<test-string>—Anti-virus test string

<test-web-filtering-profile>

Usage

```
<rpc>
  <test-web-filtering-profile>
    <profile>profile</profile>
    <test-string>test-string</test-string>
  </test-web-filtering-profile>
</rpc>
```

Description Test web-filtering profile

Contents <profile>—Web-filtering profile name

<test-string>—Web-filtering test string

PART 3

Summary of Operational Response Tag Elements

- Operational Response Tag Elements Applicable to All Platforms on page 837
- Operational Response Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series on page 5577
- Operational Response Tag Elements Common to J Series, M, MX, and T Series, and SRX Series on page 5661
- Operational Response Tag Elements Common to EX Series, J Series, QFX Series, and SRX Series on page 6159
- Operational Response Tag Elements Specific to M, MX, and T Series on page 6273
- Operational Response Tag Elements Specific to EX Series and QFX Series on page 6385
- Operational Response Tag Elements Specific to J Series and SRX Series on page 6945

CHAPTER 10

Operational Response Tag Elements Applicable to All Platforms

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are common to devices belonging to the following platforms:

- EX Series
- J Series
- M Series
- MX Series
- T Series
- QFX Series
- SRX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of Captive Portal Content Delivery Tags on page 839
- Summary of Ethernet Virtual Circuit Response Tags on page 848
- Summary of Accounting Response Tags on page 852
- Summary of Adaptive Services Response Tags on page 891
- Summary of Alarm Response Tags on page 1227
- Summary of ANCP Response Tags on page 1230
- Summary of APPIDD Response Tags on page 1244
- Summary of APS Response Tags on page 1248
- Summary of ARP Response Tags on page 1253
- Summary of Authentication Response Tags on page 1256
- Summary of Bidirectional Forwarding Direction Response Tags on page 1281

- Summary of Clock Synchronization Response Tags on page 1291
- Summary of Class-of-Service Response Tags on page 1297
- Summary of Database Replication Response Tags on page 1402
- Summary of Dynamic Flow Capture Response Tags on page 1403
- Summary of DHCP Relay Response Tags on page 1408
- Summary of DHCP Server Response Tags on page 1414
- Summary of Dialer Response Tags on page 1423
- Summary of Dynamic Configuration Response Tags on page 1435
- Summary of Ethernet Delay Measurement Response Tags on page 1449
- Summary of Ethernet Link Management Response Tags on page 1454
- Summary of ETH Ping Response Tags on page 1462
- Summary of Ethernet Traceroute Response Tags on page 1465
- Summary of Firewall Filter Response Tags on page 1468
- Summary of J20 Gateway GPRS Support Response Tags on page 1476
- Summary of GRES Test Point Response Tags on page 1602
- Summary of UDP Forwarding Helper Response Tags on page 1606
- Summary of ICCP Response Tags on page 1607
- Summary of IDP Response Tags on page 1610
- Summary of Interface Metadata Response Tags on page 1639
- Summary of Interface Response Tags on page 1641
- Summary of IPv6 Neighbor Discovery Response Tags on page 3271
- Summary of Junos Diameter Function Response Tags on page 3273
- Summary of JNX Example Response Tags on page 3331
- Summary of Layer 2 Address Learning Response Tags on page 3332
- Summary of LACP Response Response Tags on page 3408
- Summary of Link Fault Management Response Tags on page 3418
- Summary of License Response Tags on page 3428
- Summary of Licensed Feature Metadata Response Tags on page 3446
- Summary of MIP Response Tags on page 3448
- Summary of MPLS OAM Response Tags on page 3460
- Summary of Multiservices PIC Deamon Response Tags on page 3465
- Summary of OAM Response Tags on page 3465
- Summary of Packet Triggered Subscribers Response Tags on page 3466
- Summary of Passive Monitoring Interfaces Response Tags on page 3477
- Summary of PGM Response Tags on page 3481
- Summary of PKI Response Tags on page 3487
- Summary of Periodic Packet Management Response Tags on page 3532

- Summary of PPP Response Tags on page 3538
- Summary of PPP over Ethernet Response Tags on page 3572
- Summary of Probe Tests Response Tags on page 3587
- Summary of System Process Response Tags on page 3633
- Summary of Product Metadata Response Tags on page 3657
- Summary of R2CPD Response Tags on page 3659
- Summary of Redundant Interfaces Response Tags on page 3670
- Summary of Relay Response Tags on page 3673
- Summary of Resource Cleanup Response Tags on page 3675
- Summary of Routing Protocols Response Tags on page 3677
- Summary of Real-Time Performance Monitoring Response Tags on page 5181
- Summary of Routing and Forwarding Table Response Tags on page 5303
- Summary of SDX Response Tags on page 5322
- Summary of SecPollInfo Response Tags on page 5324
- Summary of Services Accounting Response Tags on page 5326
- Summary of Services Flow Collector Response Tags on page 5366
- Summary of Shared Memory Event Library Response Tags on page 5372
- Summary of Shutdown Response Tags on page 5372
- Summary of Server Load Balancing Daemon Response Tags on page 5373
- Summary of SMPL Response Tags on page 5383
- Summary of SNMP Response Tags on page 5393
- Summary of Static Subscribers Response Tags on page 5431
- Summary of Statistics Response Tags on page 5432
- Summary of Subscriber Management Response Tags on page 5474
- Summary of Subscribers Response Tags on page 5474
- Summary of Graceful Switchover Response Tags on page 5481
- Summary of CNLP Traceroute Response Tags on page 5487
- Summary of Virtual Router Redundancy Protocol Response Tags on page 5499
- Summary of X.509 Certificate Response Tags on page 5525
- Summary of Task Response Response Tags on page 5549
- Summary of LLDP Response Tags on page 5561
- Summary of Local Policy Decision Function Response Tags on page 5573

Summary of Captive Portal Content Delivery Tags

<cpcdd-pic>

Usage

```
<cpcdd-pic>  
<cpcdd-pic-table>....</cpcdd-pic-table>
```

</cpcdd-pic>

Description Cpcdd pic name and index

<cpcdd-pic-statistics>

Usage

```
<cpcdd-pic-statistics>
  <statistics-header>....</statistics-header>
  <statistics>....</statistics>
</cpcdd-pic-statistics>
```

Description Captive portal and content delivery statistics per PIC

<cpcdd-pic-statistics-cleared>

Usage

```
<cpcdd-pic-statistics-cleared>
  <statistics-cleared-header>....</statistics-cleared-header>
</cpcdd-pic-statistics-cleared>
```

Description Captive portal and content delivery statistics per PIC cleared

<cpcdd-pic-table>

Usage

```
<cpcdd-pic>
  <cpcdd-pic-table>
    <cpcdd-pic-table-entry>....</cpcdd-pic-table-entry>
  </cpcdd-pic-table>
</cpcdd-pic>
```

Description

<cpcdd-pic-table-entry>

Usage

```
<cpcdd-pic>
  <cpcdd-pic-table>
    <cpcdd-pic-table-entry>
      <pic-name>
        pic-name
      </pic-name>
      <pic-index>
        pic-index
      </pic-index>
    </cpcdd-pic-table-entry>
  </cpcdd-pic-table>
</cpcdd-pic>
```

Description**<cpcdd-profile>****Usage**

```
<cpcdd-profile>
  <cpcdd-profile-table>....</cpcdd-profile-table>
</cpcdd-profile>
```

Description Cpcdd profile name and number of rules or rulesets

<cpcdd-profile-table>**Usage**

```
<cpcdd-profile>
  <cpcdd-profile-table>
    <cpcdd-profile-table-entry>....</cpcdd-profile-table-entry>
  </cpcdd-profile-table>
</cpcdd-profile>
```

Description**<cpcdd-profile-table-entry>****Usage**

```
<cpcdd-profile>
  <cpcdd-profile-table>
    <cpcdd-profile-table-entry>
      <profile-name>
        profile-name
      </profile-name>
      <num-rules>
        num-rules
      </num-rules>
    </cpcdd-profile-table-entry>
  </cpcdd-profile-table>
</cpcdd-profile>
```

Description**<cpcdd-rule>****Usage**

```
<cpcdd-rule>
  <cpcdd-rule-table>....</cpcdd-rule-table>
</cpcdd-rule>
```

Description Cpcdd rule name and number of terms

<cpcdd-rule-set-table>

Usage

```
<cpcdd-ruleset>
  <cpcdd-rule-set-table>
    <cpcdd-rule-set-table-entry>....</cpcdd-rule-set-table-entry>
  </cpcdd-rule-set-table>
</cpcdd-ruleset>
```

Description

<cpcdd-rule-set-table-entry>

Usage

```
<cpcdd-ruleset>
  <cpcdd-rule-set-table>
    <cpcdd-rule-set-table-entry>
      <ruleset-name>
        ruleset-name
      </ruleset-name>
      <rule-name>
        rule-name
      </rule-name>
    </cpcdd-rule-set-table-entry>
  </cpcdd-rule-set-table>
</cpcdd-ruleset>
```

Description

<cpcdd-rule-table>

Usage

```
<cpcdd-rule>
  <cpcdd-rule-table>
    <cpcdd-rule-table-entry>....</cpcdd-rule-table-entry>
  </cpcdd-rule-table>
</cpcdd-rule>
```

Description

<cpcdd-rule-table-entry>

Usage

```
<cpcdd-rule>
  <cpcdd-rule-table>
    <cpcdd-rule-table-entry>
      <rule-name>
        rule-name
      </rule-name>
      <term-name>
        term-name
      </term-name>
    </cpcdd-rule-table-entry>
```

```
</cpcdd-rule-table>
</cpcdd-rule>
```

Description**<cpcdd-rule-term>****Usage**

```
<cpcdd-rule-term>
  <cpcdd-term-table>....</cpcdd-term-table>
</cpcdd-rule-term>
```

Description Cpcdd terms within a rule

<cpcdd-ruleset>**Usage**

```
<cpcdd-ruleset>
  <cpcdd-rule-set-table>....</cpcdd-rule-set-table>
</cpcdd-ruleset>
```

Description Cpcdd rule sets

<cpcdd-service-set-brief>**Usage**

```
<cpcdd-service-set-brief>
  <cpcdd-sset-brief-table>....</cpcdd-sset-brief-table>
</cpcdd-service-set-brief>
```

Description Service set with cpcdd profile name

<cpcdd-service-set-detail>**Usage**

```
<cpcdd-service-set-detail>
  <cpcdd-sset-detail-table>....</cpcdd-sset-detail-table>
</cpcdd-service-set-detail>
```

Description Service set with cpcdd profile name and number of compiled rules

<cpcdd-service-set-summary>**Usage**

```
<cpcdd-service-set-summary>
  <num-sset>
    num-sset
  </num-sset>
```

</cpcdd-service-set-summary>

Description Service set summary

<cpcdd-sset-brief-table>

Usage

```
<cpcdd-service-set-brief>
  <cpcdd-sset-brief-table>
    <cpcdd-sset-brief-table-entry>....</cpcdd-sset-brief-table-entry>
  </cpcdd-sset-brief-table>
</cpcdd-service-set-brief>
```

Description

<cpcdd-sset-brief-table-entry>

Usage

```
<cpcdd-service-set-brief>
  <cpcdd-sset-brief-table>
    <cpcdd-sset-brief-table-entry>
      <sset-name>
        sset-name
      </sset-name>
      <profile-name>
        profile-name
      </profile-name>
    </cpcdd-sset-brief-table-entry>
  </cpcdd-sset-brief-table>
</cpcdd-service-set-brief>
```

Description

<cpcdd-sset-detail-table>

Usage

```
<cpcdd-service-set-detail>
  <cpcdd-sset-detail-table>
    <cpcdd-sset-detail-table-entry>....</cpcdd-sset-detail-table-entry>
  </cpcdd-sset-detail-table>
</cpcdd-service-set-detail>
```

Description

<cpcdd-sset-detail-table-entry>

Usage

```
<cpcdd-service-set-detail>
  <cpcdd-sset-detail-table>
    <cpcdd-sset-detail-table-entry>
      <sset-name>
        sset-name
      </sset-name>
    </cpcdd-sset-detail-table-entry>
  </cpcdd-sset-detail-table>
</cpcdd-service-set-detail>
```



```

</sset-name>
<sset-id>
  sset-id
</sset-id>
<profile-name>
  profile-name
</profile-name>
<num-compiled-rules>
  num-compiled-rules
</num-compiled-rules>
</cpcdd-sset-detail-table-entry>
</cpcdd-sset-detail-table>
</cpcdd-service-set-detail>

```

Description**<cpcdd-term>****Usage**

```

<cpcdd-term>
  <term-header>....</term-header>
  <term-application>....</term-application>
  <term-address-range>....</term-address-range>
  <no-term-found>....</no-term-found>
</cpcdd-term>

```

Description Cpcdd term within a rule**<cpcdd-term-table>****Usage**

```

<cpcdd-rule-term>
  <cpcdd-term-table>
    <cpcdd-term-table-entry>....</cpcdd-term-table-entry>
  </cpcdd-term-table>
</cpcdd-rule-term>

```

Description**<cpcdd-term-table-entry>****Usage**

```

<cpcdd-rule-term>
  <cpcdd-term-table>
    <cpcdd-term-table-entry>
      <term-name>
        term-name
      </term-name>
      <term-action>
        term-action
      </term-action>
      <term-action-option>
        term-action-option
    </cpcdd-term-table-entry>
  </cpcdd-term-table>
</cpcdd-rule-term>

```

```
</term-action-option>
</cpodd-term-table-entry>
</cpodd-term-table>
</cpodd-rule-term>
```

Description**<no-cpcdd-statistics>****Usage**

```
<no-cpcdd-statistics>
  <service-set-interface>
    service-set-interface
  </service-set-interface>
</no-cpcdd-statistics>
```

Description**<no-term-found>****Usage**

```
<cpcdd-term>
  <no-term-found>
    <rule-name>
      rule-name
    </rule-name>
    <term-name>
      term-name
    </term-name>
  </no-term-found>
</cpcdd-term>
```

Description**<statistics>****Usage**

```
<cpcdd-pic-statistics>
  <statistics>
    <packets-received>
      packets-received
    </packets-received>
    <packets-altered>
      packets-altered
    </packets-altered>
  </statistics>
</cpcdd-pic-statistics>
```

Description **Statistics**

<statistics-cleared-header>**Usage**

```
<cpcdd-pic-statistics-cleared>
  <statistics-cleared-header>
    <service-set-interface>
      service-set-interface
    </service-set-interface>
  </statistics-cleared-header>
</cpcdd-pic-statistics-cleared>
```

Description**<statistics-header>****Usage**

```
<cpcdd-pic-statistics>
  <statistics-header>
    <service-set-interface>
      service-set-interface
    </service-set-interface>
  </statistics-header>
</cpcdd-pic-statistics>
```

Description**<term-address-range>****Usage**

```
<cpcdd-term>
  <term-address-range>
    <term-address-range-low>
      term-address-range-low
    </term-address-range-low>
    <term-address-range-high>
      term-address-range-high
    </term-address-range-high>
    <term-address-range-mask>
      term-address-range-mask
    </term-address-range-mask>
    <term-address-range-except>
      term-address-range-except
    </term-address-range-except>
  </term-address-range>
</cpcdd-term>
```

Description**<term-application>****Usage**

```
<cpcdd-term>
  <term-application>
```

```
<term-application-name>
  term-application-name
</term-application-name>
<term-application-protocol>
  term-application-protocol
</term-application-protocol>
<term-application-ip-protocol>
  term-application-ip-protocol
</term-application-ip-protocol>
<term-application-src-ports>
  term-application-src-ports
</term-application-src-ports>
<term-application-dst-ports>
  term-application-dst-ports
</term-application-dst-ports>
</term-application>
</cpodd-term>
```

Description

<term-header>

Usage

```
<cpodd-term>
  <term-header>
    <rule-name-term>
      rule-name-term
    </rule-name-term>
    <rule-match-direction>
      rule-match-direction
    </rule-match-direction>
    <term-name-term>
      term-name-term
    </term-name-term>
    <term-action>
      term-action
    </term-action>
    <term-action-option>
      term-action-option
    </term-action-option>
  </term-header>
</cpodd-term>
```

Description

Summary of Ethernet Virtual Circuit Response Tags

<elmi-evc-entry>

Usage

```
<elmi-evc-information>
  <elmi-evc-entry>
    <elmi-evc-id>
      elmi-evc-id
```

```

</elmi-evc-id>
<elmi-evc-status>
  elmi-evc-status
</elmi-evc-status>
<elmi-evc-reference-id>
  elmi-evc-reference-id
</elmi-evc-reference-id>
<elmi-evc-type>
  elmi-evc-type
</elmi-evc-type>
<elmi-evc-configured-remote-uni-count>
  elmi-evc-configured-remote-uni-count
</elmi-evc-configured-remote-uni-count>
<elmi-evc-active-uni-count>
  elmi-evc-active-uni-count
</elmi-evc-active-uni-count>
<elmi-evc-protocol>
  elmi-evc-protocol
</elmi-evc-protocol>
<elmi-cfm-maintenance-domain>
  elmi-cfm-maintenance-domain
</elmi-cfm-maintenance-domain>
<elmi-cfm-maintenance-association>
  elmi-cfm-maintenance-association
</elmi-cfm-maintenance-association>
<elmi-vpls-routing-instance>
  elmi-vpls-routing-instance
</elmi-vpls-routing-instance>
<elmi-evc-uni>....</elmi-evc-uni>
</elmi-evc-entry>
</elmi-evc-information>

```

Description

<elmi-evc-information>

Usage

```

<elmi-evc-information>
  <elmi-evc-entry>....</elmi-evc-entry>
</elmi-evc-information>

```

Description

<elmi-evc-uni>

Usage

```

<elmi-evc-information>
  <elmi-evc-entry>
    <elmi-evc-uni>
      <elmi-uni-id>
        elmi-uni-id
      </elmi-uni-id>
      <elmi-interface-name>
        elmi-interface-name

```

```
</elmi-interface-name>
<elmi-operational-state>
  elmi-operational-state
</elmi-operational-state>
</elmi-evc-uni>
</elmi-evc-entry>
</elmi-evc-information>
```

Description

<elmi-interface-entry>

Usage

```
<elmi-interface-information>
  <elmi-interface-entry>
    <elmi-interface-name>
      elmi-interface-name
    </elmi-interface-name>
    <elmi-interface-status>
      elmi-interface-status
    </elmi-interface-status>
    <elmi-uni-id>
      elmi-uni-id
    </elmi-uni-id>
    <elmi-evc-map-type>
      elmi-evc-map-type
    </elmi-evc-map-type>
    <elmi-polling-verification-timer>
      elmi-polling-verification-timer
    </elmi-polling-verification-timer>
    <elmi-operational-state>
      elmi-operational-state
    </elmi-operational-state>
    <elmi-untagged-vlan-id>
      elmi-untagged-vlan-id
    </elmi-untagged-vlan-id>
    <elmi-default-evc>
      elmi-default-evc
    </elmi-default-evc>
    <elmi-uni-evc>....</elmi-uni-evc>
  </elmi-interface-entry>
</elmi-interface-information>
```

Description

<elmi-interface-information>

Usage

```
<elmi-interface-information>
  <elmi-interface-entry>....</elmi-interface-entry>
</elmi-interface-information>
```

Description

<elmi-interface-statistics>

Usage

```
<elmi-interface-statistics>
  <elmi-interface-statistics-entry>....</elmi-interface-statistics-entry>
</elmi-interface-statistics>
```

Description

<elmi-interface-statistics-entry>

Usage

```
<elmi-interface-statistics>
  <elmi-interface-statistics-entry>
    <elmi-interface-name>
      elmi-interface-name
    </elmi-interface-name>
    <elmi-check-messages-sent>
      elmi-check-messages-sent
    </elmi-check-messages-sent>
    <elmi-check-messages-received>
      elmi-check-messages-received
    </elmi-check-messages-received>
    <elmi-full-status-messages-sent>
      elmi-full-status-messages-sent
    </elmi-full-status-messages-sent>
    <elmi-full-status-messages-received>
      elmi-full-status-messages-received
    </elmi-full-status-messages-received>
    <elmi-full-status-continued-messages-sent>
      elmi-full-status-continued-messages-sent
    </elmi-full-status-continued-messages-sent>
    <elmi-full-status-continued-messages-received>
      elmi-full-status-continued-messages-received
    </elmi-full-status-continued-messages-received>
    <elmi-async-evc-status-messages-sent>
      elmi-async-evc-status-messages-sent
    </elmi-async-evc-status-messages-sent>
    <elmi-reliability-errors>
      elmi-reliability-errors
    </elmi-reliability-errors>
    <elmi-protocol-errors>
      elmi-protocol-errors
    </elmi-protocol-errors>
  </elmi-interface-statistics-entry>
</elmi-interface-statistics>
```

Description

<elmi-uni-evc>

Usage

```
<elmi-interface-information>
  <elmi-interface-entry>
```

```
<elmi-uni-evc>
  <elmi-evc-reference-id>
    elmi-evc-reference-id
  </elmi-evc-reference-id>
  <elmi-evc-id>
    elmi-evc-id
  </elmi-evc-id>
  <elmi-evc-status>
    elmi-evc-status
  </elmi-evc-status>
  <elmi-ce-vlan-ids>
    elmi-ce-vlan-ids
  </elmi-ce-vlan-ids>
</elmi-uni-evc>
</elmi-interface-entry>
</elmi-interface-information>
```

Description

Summary of Accounting Response Tags ---

<accounting-profile-columns>

Usage

```
<accounting-profile-information>
  <accounting-profile-columns>
    <column-label>
      column-label
    </column-label>
  </accounting-profile-columns>
</accounting-profile-information>
```

Description Name of each Junos XML protocol output tag that is included in records generated based on the profile

<accounting-profile-filter>

Usage

```
<accounting-profile-information>
  <accounting-profile-filter>
    <filter-name>
      filter-name
    </filter-name>
    <next-scheduled-collection>
      next-scheduled-collection
    </next-scheduled-collection>
  </accounting-profile-filter>
</accounting-profile-information>
```

Description Name of each filter to which the profile is applied

<accounting-profile-header>**Usage**

```

<accounting-profile-information>
  <accounting-profile-header>
    <profile-name>
      profile-name
    </profile-name>
    <profile-type>
      profile-type
    </profile-type>
    <profile-interval>
      profile-interval
    </profile-interval>
    <profile-use-count>
      profile-use-count
    </profile-use-count>
    <filename>
      filename
    </filename>
    <filesize>
      filesize
    </filesize>
    <filenumber>
      filenumber
    </filenumber>
    <bytes-written>
      bytes-written
    </bytes-written>
    <transfer-interval>
      transfer-interval
    </transfer-interval>
    <next-transfer-time>
      next-transfer-time
    </next-transfer-time>
  </accounting-profile-header>
</accounting-profile-information>

```

Description Information from the accounting profile header

<accounting-profile-information>**Usage**

```

<accounting-profile-information>
  <accounting-profile-header>....</accounting-profile-header>
  <accounting-profile-columns>....</accounting-profile-columns>
  <accounting-profile-interfaces>....</accounting-profile-interfaces>
  <accounting-profile-mib>....</accounting-profile-mib>
  <accounting-profile-filter>....</accounting-profile-filter>
</accounting-profile-information>

```

Description Information about an accounting profile

<accounting-profile-interfaces>

Usage

```
<accounting-profile-information>
  <accounting-profile-interfaces>
    <interface-name>
      interface-name
    </interface-name>
    <next-scheduled-collection>
      next-scheduled-collection
    </next-scheduled-collection>
  </accounting-profile-interfaces>
</accounting-profile-information>
```

Description Name of each interface to which the profile is applied

<accounting-profile-mib>

Usage

```
<accounting-profile-information>
  <accounting-profile-mib>
    <mib-name>
      mib-name
    </mib-name>
    <next-scheduled-collection>
      next-scheduled-collection
    </next-scheduled-collection>
  </accounting-profile-mib>
</accounting-profile-information>
```

Description Name of each Management Information Base to which the profile is applied

<accounting-record-information>

Usage

```
<accounting-record-information>
  <interface-accounting-statistics>....</interface-accounting-statistics>
  <routing-engine-accounting-statistics>....</routing-engine-accounting-statistics>

  <filter-accounting-statistics>....</filter-accounting-statistics>
  <cu-accounting-statistics>....</cu-accounting-statistics>
  <mib-accounting-statistics>....</mib-accounting-statistics>
  <file-accounting-records>....</file-accounting-records>
</accounting-record-information>
```

Description Information in a record that was generated based on an accounting profile

<cu-accounting-record>

Usage

```
<accounting-record-information>
```

```

<cu-accounting-statistics>
  <cu-accounting-record>
    <profile-layout>
      profile-layout
    </profile-layout>
    <epoch-timestamp>
      epoch-timestamp
    </epoch-timestamp>
    <utc-timestamp>
      utc-timestamp
    </utc-timestamp>
    <interface-name>
      interface-name
    </interface-name>
    <address-family>
      address-family
    </address-family>
    <destination-class-name>
      destination-class-name
    </destination-class-name>
    <source-class-name>
      source-class-name
    </source-class-name>
    <counter-name>
      counter-name
    </counter-name>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </cu-accounting-record>
</cu-accounting-statistics>
</accounting-record-information>

```

Description Information in a record that was generated based on a destination class usage or source class usage profile

<cu-accounting-statistics>

Usage

```

<accounting-record-information>
  <cu-accounting-statistics>
    <cu-accounting-record>....</cu-accounting-record>
  </cu-accounting-statistics>
</accounting-record-information>

```

Description Information from one or more records that were generated based on a destination class usage or source class usage profile

<file-accounting-record>

Usage

```
<accounting-record-information>
  <file-accounting-records>
    <file-accounting-record>
      <profile-layout>
        profile-layout
      </profile-layout>
      <epoch-timestamp>
        epoch-timestamp
      </epoch-timestamp>
    </file-accounting-record>
  </file-accounting-records>
</accounting-record-information>
```

Description Record from an accounting file

<file-accounting-records>

Usage

```
<accounting-record-information>
  <file-accounting-records>
    <file-accounting-record>....</file-accounting-record>
  </file-accounting-records>
</accounting-record-information>
```

Description Records from an accounting file

<filter-accounting-record>

Usage

```
<accounting-record-information>
  <filter-accounting-statistics>
    <filter-accounting-record>
      <profile-layout>
        profile-layout
      </profile-layout>
      <epoch-timestamp>
        epoch-timestamp
      </epoch-timestamp>
      <utc-timestamp>
        utc-timestamp
      </utc-timestamp>
      <interfaces>
        interfaces
      </interfaces>
      <filter-name>
        filter-name
      </filter-name>
      <counter-name>
        counter-name
      </counter-name>
    </filter-accounting-record>
  </filter-accounting-statistics>
</accounting-record-information>
```

```

        </counter-name>
        <packet-count>
          packet-count
        </packet-count>
        <byte-count>
          byte-count
        </byte-count>
      </filter-accounting-record>
    </filter-accounting-statistics>
  </accounting-record-information>

```

Description Information in a record that was generated based on a filter profile

<filter-accounting-statistics>

Usage

```

    <accounting-record-information>
      <filter-accounting-statistics>
        <filter-accounting-record>....</filter-accounting-record>
      </filter-accounting-statistics>
    </accounting-record-information>

```

Description Information from one or more records that were generated based on a filter profile

<index>

Usage

```

    <snmp-object-information>
      <snmp-object>
        <index>
          <index-name>
            index-name
          </index-name>
          <index-value>
            index-value
          </index-value>
        </index>
      </snmp-object>
    </snmp-object-information>

```

Description

<interface-accounting-record>

Usage

```

    <accounting-record-information>
      <interface-accounting-statistics>
        <interface-accounting-record>
          <profile-layout>
            profile-layout
          </profile-layout>
          <epoch-timestamp>

```

```
    epoch-timestamp
  </epoch-timestamp>
  <utc-timestamp>
    utc-timestamp
  </utc-timestamp>
  <interface-name>
    interface-name
  </interface-name>
  <snmp-index>
    snmp-index
  </snmp-index>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-unicast>
    input-unicast
  </input-unicast>
  <output-unicast>
    output-unicast
  </output-unicast>
  <input-multicast>
    input-multicast
  </input-multicast>
  <output-multicast>
    output-multicast
  </output-multicast>
  <input-errors>
    input-errors
  </input-errors>
  <output-errors>
    output-errors
  </output-errors>
  <no-proto>
    no-proto
  </no-proto>
  <rpf-check-bytes>
    rpf-check-bytes
  </rpf-check-bytes>
  <rpf-check-packets>
    rpf-check-packets
  </rpf-check-packets>
  <rpf-check6-bytes>
    rpf-check6-bytes
  </rpf-check6-bytes>
  <rpf-check6-packets>
    rpf-check6-packets
  </rpf-check6-packets>
```

```

    </interface-accounting-record>
  </interface-accounting-statistics>
</accounting-record-information>

```

Description Information in a record that was generated based on an interface profile

<interface-accounting-statistics>

Usage

```

<accounting-record-information>
  <interface-accounting-statistics>
    <interface-accounting-record>....</interface-accounting-record>
  </interface-accounting-statistics>
</accounting-record-information>

```

Description Information from one or more records that were generated based on an interface profile

<mib-accounting-record>

Usage

```

<accounting-record-information>
  <mib-accounting-statistics>
    <mib-accounting-record>
      <profile>
        profile
      </profile>
      <epoch-timestamp>
        epoch-timestamp
      </epoch-timestamp>
      <utc-timestamp>
        utc-timestamp
      </utc-timestamp>
      <name>
        name
      </name>
      <object-value>
        object-value
      </object-value>
    </mib-accounting-record>
  </mib-accounting-statistics>
</accounting-record-information>

```

Description Information in a record that was generated based on a Management Information Base profile

<mib-accounting-statistics>

Usage

```

<accounting-record-information>
  <mib-accounting-statistics>
    <mib-accounting-record>....</mib-accounting-record>

```

```
</mib-accounting-statistics>
</accounting-record-information>
```

Description Information from one or more records that were generated based on a Management Information Base profile

<pfe>

Usage

```
<pfe-information>
  <pfe>
    <slot-index>
      slot-index
    </slot-index>
    <slot-type>
      slot-type
    </slot-type>
    <slot-state>
      slot-state
    </slot-state>
    <mgmt-state>
      mgmt-state
    </mgmt-state>
    <up-time>
      up-time
    </up-time>
  </pfe>
</pfe-information>
```

Description

<pfe-bfd-statistics-detail>

Usage

```
<pfe-statistics>
  <pfe-bfd-statistics-detail>
    <bfd-invalid-iif>
      bfd-invalid-iif
    </bfd-invalid-iif>
    <bfd-invalid-iff>
      bfd-invalid-iff
    </bfd-invalid-iff>
    <bfd-bad-checksum>
      bfd-bad-checksum
    </bfd-bad-checksum>
    <bfd-bad-options>
      bfd-bad-options
    </bfd-bad-options>
    <bfd-bad-length>
      bfd-bad-length
    </bfd-bad-length>
    <bfd-bad-udp-checksum>
      bfd-bad-udp-checksum
  </pfe-bfd-statistics-detail>
</pfe-statistics>
```



```

</bfd-bad-udp-checksum>
<bfd-bad-udp-length>
  bfd-bad-udp-length
</bfd-bad-udp-length>
<bfd-bad-udp-ports>
  bfd-bad-udp-ports
</bfd-bad-udp-ports>
<bfd-no-local-ifl>
  bfd-no-local-ifl
</bfd-no-local-ifl>
<bfd-bad-ifl-prefix-length>
  bfd-bad-ifl-prefix-length
</bfd-bad-ifl-prefix-length>
<bfd-rx-queue-overflow>
  bfd-rx-queue-overflow
</bfd-rx-queue-overflow>
<bfd-out-of-packets>
  bfd-out-of-packets
</bfd-out-of-packets>
<bfd-total-packets>
  bfd-total-packets
</bfd-total-packets>
<bfd-total-absorbed>
  bfd-total-absorbed
</bfd-total-absorbed>
<bfd-transmit-errors>
  bfd-transmit-errors
</bfd-transmit-errors>
</pfe-bfd-statistics-detail>
</pfe-statistics>

```

Description

<pfe-cfm-statistics-detail>

Usage

```

<pfe-statistics>
  <pfe-cfm-statistics-detail>
    <cfm-packets-received>
      cfm-packets-received
    </cfm-packets-received>
    <cfm-packets-sent-to-re>
      cfm-packets-sent-to-re
    </cfm-packets-sent-to-re>
    <cfm-packets-absorbed>
      cfm-packets-absorbed
    </cfm-packets-absorbed>
    <cfm-packets-received-with-sequence-number>
      cfm-packets-received-with-sequence-number
    </cfm-packets-received-with-sequence-number>
    <cfm-packets-received-invalid-length>
      cfm-packets-received-invalid-length
    </cfm-packets-received-invalid-length>
    <cfm-packets-transmitted>
      cfm-packets-transmitted
  </pfe-cfm-statistics-detail>
</pfe-statistics>

```

```
</cfm-packets-transmitted>
<cfm-packets-transmit-error>
  cfm-packets-transmit-error
</cfm-packets-transmit-error>
<cfm-packets-dropped>
  cfm-packets-dropped
</cfm-packets-dropped>
</pfe-cfm-statistics-detail>
</pfe-statistics>
```

Description

<pfe-chip-statistics>

Usage

```
<pfe-statistics>
  <pfe-chip-statistics>
    <input-checksum>
      input-checksum
    </input-checksum>
    <output-mtu>
      output-mtu
    </output-mtu>
  </pfe-chip-statistics>
</pfe-statistics>
```

Description

<pfe-cpu-stats>

Usage

```
<pfe-statistics>
  <pfe-cpu-stats>
    <pfe-queue-counters>....</pfe-queue-counters>
  </pfe-cpu-stats>
</pfe-statistics>
```

Description

<pfe-hardware-discard-statistics>

Usage

```
<pfe-statistics>
  <pfe-hardware-discard-statistics>
    <timeout-discard>
      timeout-discard
    </timeout-discard>
    <truncated-key-discard>
      truncated-key-discard
    </truncated-key-discard>
    <bits-to-test-discard>
      bits-to-test-discard
    </bits-to-test-discard>
    <data-error-discard>
```

```

    data-error-discard
  </data-error-discard>
  <stack-underflow-discard>
    stack-underflow-discard
  </stack-underflow-discard>
  <stack-overflow-discard>
    stack-overflow-discard
  </stack-overflow-discard>
  <bad-route-discard>
    bad-route-discard
  </bad-route-discard>
  <nexthop-discard>
    nexthop-discard
  </nexthop-discard>
  <invalid-iif-discard>
    invalid-iif-discard
  </invalid-iif-discard>
  <info-cell-discard>
    info-cell-discard
  </info-cell-discard>
  <fabric-discard>
    fabric-discard
  </fabric-discard>
</pfe-hardware-discard-statistics>
</pfe-statistics>

```

Description

<pfe-information>

Usage

```

<pfe-information>
<pfe>....</pfe>
</pfe-information>

```

Description

<pfe-lfm-statistics-detail>

Usage

```

<pfe-statistics>
  <pfe-lfm-statistics-detail>
    <lfm-packets-received>
      lfm-packets-received
    </lfm-packets-received>
    <lfm-packets-sent-to-re>
      lfm-packets-sent-to-re
    </lfm-packets-sent-to-re>
    <lfm-packets-absorbed>
      lfm-packets-absorbed
    </lfm-packets-absorbed>
    <lfm-packets-transmitted>
      lfm-packets-transmitted
    </lfm-packets-transmitted>
  </pfe-lfm-statistics-detail>
</pfe-statistics>

```

```
<lfm-packets-transmit-error>
  lfm-packets-transmit-error
</lfm-packets-transmit-error>
<lfm-packets-dropped>
  lfm-packets-dropped
</lfm-packets-dropped>
</pfe-lfm-statistics-detail>
</pfe-statistics>
```

Description

<pfe-local-protocol-statistics>

Usage

```
<pfe-statistics>
  <pfe-local-protocol-statistics>
    <hdlc-keepalive-count>
      hdlc-keepalive-count
    </hdlc-keepalive-count>
    <atm-oam-count>
      atm-oam-count
    </atm-oam-count>
    <fr-lmi-count>
      fr-lmi-count
    </fr-lmi-count>
    <ppp-lcp-ncp-count>
      ppp-lcp-ncp-count
    </ppp-lcp-ncp-count>
    <ospf-hello-count>
      ospf-hello-count
    </ospf-hello-count>
    <ospf3-hello-count>
      ospf3-hello-count
    </ospf3-hello-count>
    <rsvp-hello-count>
      rsvp-hello-count
    </rsvp-hello-count>
    <ldp-hello-count>
      ldp-hello-count
    </ldp-hello-count>
    <bfd-count>
      bfd-count
    </bfd-count>
    <isis-iih-count>
      isis-iih-count
    </isis-iih-count>
    <lacp-count>
      lacp-count
    </lacp-count>
    <arp-count>
      arp-count
    </arp-count>
    <ether-oam-count>
      ether-oam-count
    </ether-oam-count>
```

```

    <unknown-count>
      unknown-count
    </unknown-count>
  </pfe-local-protocol-statistics>
</pfe-statistics>

```

Description

<pfe-local-traffic-statistics>

Usage

```

<pfe-statistics>
  <pfe-local-traffic-statistics>
    <pfe-input-packets>
      pfe-input-packets
    </pfe-input-packets>
    <pfe-output-packets>
      pfe-output-packets
    </pfe-output-packets>
    <software-input-control-drops>
      software-input-control-drops
    </software-input-control-drops>
    <software-input-high-drops>
      software-input-high-drops
    </software-input-high-drops>
    <software-input-medium-drops>
      software-input-medium-drops
    </software-input-medium-drops>
    <software-input-low-drops>
      software-input-low-drops
    </software-input-low-drops>
    <software-output-low-drops>
      software-output-low-drops
    </software-output-low-drops>
    <hardware-input-drops>
      hardware-input-drops
    </hardware-input-drops>
  </pfe-local-traffic-statistics>
</pfe-statistics>

```

Description

<pfe-multicast-stats>

Usage

```

<pfe-statistics>
  <pfe-multicast-stats>
    <pfe-queue-counters>....</pfe-queue-counters>
  </pfe-multicast-stats>
</pfe-statistics>

```

Description

<pfe-queue>

Usage

```
<pfe-queue-counters>
  <pfe-queue>
    <number>
      number
    </number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
    <queued-packets>
      queued-packets
    </queued-packets>
    <queued-packets-na>
      queued-packets-na
    </queued-packets-na>
    <queued-bytes-na>
      queued-bytes-na
    </queued-bytes-na>
    <queued-bytes>
      queued-bytes
    </queued-bytes>
    <queued-packets-rate>
      queued-packets-rate
    </queued-packets-rate>
    <queued-bytes-rate>
      queued-bytes-rate
    </queued-bytes-rate>
    <trans-packets>
      trans-packets
    </trans-packets>
    <trans-bytes>
      trans-bytes
    </trans-bytes>
    <trans-packets-rate>
      trans-packets-rate
    </trans-packets-rate>
    <trans-bytes-rate>
      trans-bytes-rate
    </trans-bytes-rate>
    <tail-drop-packets>
      tail-drop-packets
    </tail-drop-packets>
    <tail-drop-packets-rate>
      tail-drop-packets-rate
    </tail-drop-packets-rate>
    <tail-drop-packets-na>
      tail-drop-packets-na
    </tail-drop-packets-na>
    <rate-limit-drop-packets>
      rate-limit-drop-packets
    </rate-limit-drop-packets>
    <rate-limit-drop-packets-rate>
      rate-limit-drop-packets-rate
```

```
</rate-limit-drop-packets-rate>
<rate-limit-drop-packets-na>
  rate-limit-drop-packets-na
</rate-limit-drop-packets-na>
<rate-limit-drop-bytes>
  rate-limit-drop-bytes
</rate-limit-drop-bytes>
<rate-limit-drop-bytes-rate>
  rate-limit-drop-bytes-rate
</rate-limit-drop-bytes-rate>
<rate-limit-drop-bytes-na>
  rate-limit-drop-bytes-na
</rate-limit-drop-bytes-na>
<red-packets-na>
  red-packets-na
</red-packets-na>
<red-packets>
  red-packets
</red-packets>
<red-bytes-na>
  red-bytes-na
</red-bytes-na>
<red-bytes>
  red-bytes
</red-bytes>
<red-packets-rate>
  red-packets-rate
</red-packets-rate>
<red-bytes-rate>
  red-bytes-rate
</red-bytes-rate>
<red-packets-ln>
  red-packets-ln
</red-packets-ln>
<red-bytes-ln>
  red-bytes-ln
</red-bytes-ln>
<red-packets-rate-ln>
  red-packets-rate-ln
</red-packets-rate-ln>
<red-bytes-rate-ln>
  red-bytes-rate-ln
</red-bytes-rate-ln>
<red-packets-lt>
  red-packets-lt
</red-packets-lt>
<red-bytes-lt>
  red-bytes-lt
</red-bytes-lt>
<red-packets-rate-lt>
  red-packets-rate-lt
</red-packets-rate-lt>
<red-bytes-rate-lt>
  red-bytes-rate-lt
</red-bytes-rate-lt>
<red-packets-ht>
```

```
    red-packets-ht
  </red-packets-ht>
  <red-bytes-ht>
    red-bytes-ht
  </red-bytes-ht>
  <red-packets-rate-ht>
    red-packets-rate-ht
  </red-packets-rate-ht>
  <red-bytes-rate-ht>
    red-bytes-rate-ht
  </red-bytes-rate-ht>
  <red-packets-hn>
    red-packets-hn
  </red-packets-hn>
  <red-bytes-hn>
    red-bytes-hn
  </red-bytes-hn>
  <red-packets-rate-hn>
    red-packets-rate-hn
  </red-packets-rate-hn>
  <red-bytes-rate-hn>
    red-bytes-rate-hn
  </red-bytes-rate-hn>
  <red-packets-low>
    red-packets-low
  </red-packets-low>
  <red-bytes-low>
    red-bytes-low
  </red-bytes-low>
  <red-packets-rate-low>
    red-packets-rate-low
  </red-packets-rate-low>
  <red-bytes-rate-low>
    red-bytes-rate-low
  </red-bytes-rate-low>
  <red-packets-medium-low>
    red-packets-medium-low
  </red-packets-medium-low>
  <red-bytes-medium-low>
    red-bytes-medium-low
  </red-bytes-medium-low>
  <red-packets-rate-medium-low>
    red-packets-rate-medium-low
  </red-packets-rate-medium-low>
  <red-bytes-rate-medium-low>
    red-bytes-rate-medium-low
  </red-bytes-rate-medium-low>
  <red-packets-medium-high>
    red-packets-medium-high
  </red-packets-medium-high>
  <red-bytes-medium-high>
    red-bytes-medium-high
  </red-bytes-medium-high>
  <red-packets-rate-medium-high>
    red-packets-rate-medium-high
  </red-packets-rate-medium-high>
```



```

<red-bytes-rate-medium-high>
  red-bytes-rate-medium-high
</red-bytes-rate-medium-high>
<red-packets-medium>
  red-packets-medium
</red-packets-medium>
<red-bytes-medium>
  red-bytes-medium
</red-bytes-medium>
<red-packets-rate-medium>
  red-packets-rate-medium
</red-packets-rate-medium>
<red-bytes-rate-medium>
  red-bytes-rate-medium
</red-bytes-rate-medium>
<red-packets-high>
  red-packets-high
</red-packets-high>
<red-bytes-high>
  red-bytes-high
</red-bytes-high>
<red-packets-rate-high>
  red-packets-rate-high
</red-packets-rate-high>
<red-bytes-rate-high>
  red-bytes-rate-high
</red-bytes-rate-high>
</pfe-queue>
</pfe-queue-counters>

```

Description Counters for a single queue

<pfe-queue>

Usage

```

<pfe-statistics>
<pfe-multicast-stats>
<pfe-queue-counters>
  <pfe-queue>
    <number>
      number
    </number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
    <queued-packets>
      queued-packets
    </queued-packets>
    <queued-packets-na>
      queued-packets-na
    </queued-packets-na>
    <queued-bytes-na>
      queued-bytes-na
    </queued-bytes-na>
  </pfe-queue>
</pfe-queue-counters>

```

```
<queued-bytes>
  queued-bytes
</queued-bytes>
<queued-packets-rate>
  queued-packets-rate
</queued-packets-rate>
<queued-bytes-rate>
  queued-bytes-rate
</queued-bytes-rate>
<trans-packets>
  trans-packets
</trans-packets>
<trans-bytes>
  trans-bytes
</trans-bytes>
<trans-packets-rate>
  trans-packets-rate
</trans-packets-rate>
<trans-bytes-rate>
  trans-bytes-rate
</trans-bytes-rate>
<tail-drop-packets>
  tail-drop-packets
</tail-drop-packets>
<tail-drop-packets-rate>
  tail-drop-packets-rate
</tail-drop-packets-rate>
<tail-drop-packets-na>
  tail-drop-packets-na
</tail-drop-packets-na>
<rate-limit-drop-packets>
  rate-limit-drop-packets
</rate-limit-drop-packets>
<rate-limit-drop-packets-rate>
  rate-limit-drop-packets-rate
</rate-limit-drop-packets-rate>
<rate-limit-drop-packets-na>
  rate-limit-drop-packets-na
</rate-limit-drop-packets-na>
<rate-limit-drop-bytes>
  rate-limit-drop-bytes
</rate-limit-drop-bytes>
<rate-limit-drop-bytes-rate>
  rate-limit-drop-bytes-rate
</rate-limit-drop-bytes-rate>
<rate-limit-drop-bytes-na>
  rate-limit-drop-bytes-na
</rate-limit-drop-bytes-na>
<red-packets-na>
  red-packets-na
</red-packets-na>
<red-packets>
  red-packets
</red-packets>
<red-bytes-na>
  red-bytes-na
```

```
</red-bytes-na>
<red-bytes>
  red-bytes
</red-bytes>
<red-packets-rate>
  red-packets-rate
</red-packets-rate>
<red-bytes-rate>
  red-bytes-rate
</red-bytes-rate>
<red-packets-ln>
  red-packets-ln
</red-packets-ln>
<red-bytes-ln>
  red-bytes-ln
</red-bytes-ln>
<red-packets-rate-ln>
  red-packets-rate-ln
</red-packets-rate-ln>
<red-bytes-rate-ln>
  red-bytes-rate-ln
</red-bytes-rate-ln>
<red-packets-lt>
  red-packets-lt
</red-packets-lt>
<red-bytes-lt>
  red-bytes-lt
</red-bytes-lt>
<red-packets-rate-lt>
  red-packets-rate-lt
</red-packets-rate-lt>
<red-bytes-rate-lt>
  red-bytes-rate-lt
</red-bytes-rate-lt>
<red-packets-ht>
  red-packets-ht
</red-packets-ht>
<red-bytes-ht>
  red-bytes-ht
</red-bytes-ht>
<red-packets-rate-ht>
  red-packets-rate-ht
</red-packets-rate-ht>
<red-bytes-rate-ht>
  red-bytes-rate-ht
</red-bytes-rate-ht>
<red-packets-hn>
  red-packets-hn
</red-packets-hn>
<red-bytes-hn>
  red-bytes-hn
</red-bytes-hn>
<red-packets-rate-hn>
  red-packets-rate-hn
</red-packets-rate-hn>
<red-bytes-rate-hn>
```

```
    red-bytes-rate-hn
  </red-bytes-rate-hn>
  <red-packets-low>
    red-packets-low
  </red-packets-low>
  <red-bytes-low>
    red-bytes-low
  </red-bytes-low>
  <red-packets-rate-low>
    red-packets-rate-low
  </red-packets-rate-low>
  <red-bytes-rate-low>
    red-bytes-rate-low
  </red-bytes-rate-low>
  <red-packets-medium-low>
    red-packets-medium-low
  </red-packets-medium-low>
  <red-bytes-medium-low>
    red-bytes-medium-low
  </red-bytes-medium-low>
  <red-packets-rate-medium-low>
    red-packets-rate-medium-low
  </red-packets-rate-medium-low>
  <red-bytes-rate-medium-low>
    red-bytes-rate-medium-low
  </red-bytes-rate-medium-low>
  <red-packets-medium-high>
    red-packets-medium-high
  </red-packets-medium-high>
  <red-bytes-medium-high>
    red-bytes-medium-high
  </red-bytes-medium-high>
  <red-packets-rate-medium-high>
    red-packets-rate-medium-high
  </red-packets-rate-medium-high>
  <red-bytes-rate-medium-high>
    red-bytes-rate-medium-high
  </red-bytes-rate-medium-high>
  <red-packets-medium>
    red-packets-medium
  </red-packets-medium>
  <red-bytes-medium>
    red-bytes-medium
  </red-bytes-medium>
  <red-packets-rate-medium>
    red-packets-rate-medium
  </red-packets-rate-medium>
  <red-bytes-rate-medium>
    red-bytes-rate-medium
  </red-bytes-rate-medium>
  <red-packets-high>
    red-packets-high
  </red-packets-high>
  <red-bytes-high>
    red-bytes-high
  </red-bytes-high>
```

```

    <red-packets-rate-high>
      red-packets-rate-high
    </red-packets-rate-high>
    <red-bytes-rate-high>
      red-bytes-rate-high
    </red-bytes-rate-high>
  </pfe-queue>
</pfe-queue-counters>
</pfe-multicast-stats>
</pfe-statistics>

```

Description Counters for a single queue

<pfe-queue>

Usage

```

<pfe-statistics>
  <pfe-cpu-stats>
  <pfe-queue-counters>
    <pfe-queue>
      <number>
        number
      </number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
      <queued-packets>
        queued-packets
      </queued-packets>
      <queued-packets-na>
        queued-packets-na
      </queued-packets-na>
      <queued-bytes-na>
        queued-bytes-na
      </queued-bytes-na>
      <queued-bytes>
        queued-bytes
      </queued-bytes>
      <queued-packets-rate>
        queued-packets-rate
      </queued-packets-rate>
      <queued-bytes-rate>
        queued-bytes-rate
      </queued-bytes-rate>
      <trans-packets>
        trans-packets
      </trans-packets>
      <trans-bytes>
        trans-bytes
      </trans-bytes>
      <trans-packets-rate>
        trans-packets-rate
      </trans-packets-rate>
      <trans-bytes-rate>

```

```
    trans-bytes-rate
  </trans-bytes-rate>
  <tail-drop-packets>
    tail-drop-packets
  </tail-drop-packets>
  <tail-drop-packets-rate>
    tail-drop-packets-rate
  </tail-drop-packets-rate>
  <tail-drop-packets-na>
    tail-drop-packets-na
  </tail-drop-packets-na>
  <rate-limit-drop-packets>
    rate-limit-drop-packets
  </rate-limit-drop-packets>
  <rate-limit-drop-packets-rate>
    rate-limit-drop-packets-rate
  </rate-limit-drop-packets-rate>
  <rate-limit-drop-packets-na>
    rate-limit-drop-packets-na
  </rate-limit-drop-packets-na>
  <rate-limit-drop-bytes>
    rate-limit-drop-bytes
  </rate-limit-drop-bytes>
  <rate-limit-drop-bytes-rate>
    rate-limit-drop-bytes-rate
  </rate-limit-drop-bytes-rate>
  <rate-limit-drop-bytes-na>
    rate-limit-drop-bytes-na
  </rate-limit-drop-bytes-na>
  <red-packets-na>
    red-packets-na
  </red-packets-na>
  <red-packets>
    red-packets
  </red-packets>
  <red-bytes-na>
    red-bytes-na
  </red-bytes-na>
  <red-bytes>
    red-bytes
  </red-bytes>
  <red-packets-rate>
    red-packets-rate
  </red-packets-rate>
  <red-bytes-rate>
    red-bytes-rate
  </red-bytes-rate>
  <red-packets-ln>
    red-packets-ln
  </red-packets-ln>
  <red-bytes-ln>
    red-bytes-ln
  </red-bytes-ln>
  <red-packets-rate-ln>
    red-packets-rate-ln
  </red-packets-rate-ln>
```

```
<red-bytes-rate-ln>
  red-bytes-rate-ln
</red-bytes-rate-ln>
<red-packets-lt>
  red-packets-lt
</red-packets-lt>
<red-bytes-lt>
  red-bytes-lt
</red-bytes-lt>
<red-packets-rate-lt>
  red-packets-rate-lt
</red-packets-rate-lt>
<red-bytes-rate-lt>
  red-bytes-rate-lt
</red-bytes-rate-lt>
<red-packets-ht>
  red-packets-ht
</red-packets-ht>
<red-bytes-ht>
  red-bytes-ht
</red-bytes-ht>
<red-packets-rate-ht>
  red-packets-rate-ht
</red-packets-rate-ht>
<red-bytes-rate-ht>
  red-bytes-rate-ht
</red-bytes-rate-ht>
<red-packets-hn>
  red-packets-hn
</red-packets-hn>
<red-bytes-hn>
  red-bytes-hn
</red-bytes-hn>
<red-packets-rate-hn>
  red-packets-rate-hn
</red-packets-rate-hn>
<red-bytes-rate-hn>
  red-bytes-rate-hn
</red-bytes-rate-hn>
<red-packets-low>
  red-packets-low
</red-packets-low>
<red-bytes-low>
  red-bytes-low
</red-bytes-low>
<red-packets-rate-low>
  red-packets-rate-low
</red-packets-rate-low>
<red-bytes-rate-low>
  red-bytes-rate-low
</red-bytes-rate-low>
<red-packets-medium-low>
  red-packets-medium-low
</red-packets-medium-low>
<red-bytes-medium-low>
  red-bytes-medium-low
```

```
</red-bytes-medium-low>
<red-packets-rate-medium-low>
  red-packets-rate-medium-low
</red-packets-rate-medium-low>
<red-bytes-rate-medium-low>
  red-bytes-rate-medium-low
</red-bytes-rate-medium-low>
<red-packets-medium-high>
  red-packets-medium-high
</red-packets-medium-high>
<red-bytes-medium-high>
  red-bytes-medium-high
</red-bytes-medium-high>
<red-packets-rate-medium-high>
  red-packets-rate-medium-high
</red-packets-rate-medium-high>
<red-bytes-rate-medium-high>
  red-bytes-rate-medium-high
</red-bytes-rate-medium-high>
<red-packets-medium>
  red-packets-medium
</red-packets-medium>
<red-bytes-medium>
  red-bytes-medium
</red-bytes-medium>
<red-packets-rate-medium>
  red-packets-rate-medium
</red-packets-rate-medium>
<red-bytes-rate-medium>
  red-bytes-rate-medium
</red-bytes-rate-medium>
<red-packets-high>
  red-packets-high
</red-packets-high>
<red-bytes-high>
  red-bytes-high
</red-bytes-high>
<red-packets-rate-high>
  red-packets-rate-high
</red-packets-rate-high>
<red-bytes-rate-high>
  red-bytes-rate-high
</red-bytes-rate-high>
</pfe-queue>
</pfe-queue-counters>
</pfe-cpu-stats>
</pfe-statistics>
```

Description Counters for a single queue

<pfe-queue>

Usage

<pfe-statistics>


```
<pfe-tail-drop-statistics>
  <pfe-queue-counters>
    <pfe-queue>
      <number>
        number
      </number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
      <queued-packets>
        queued-packets
      </queued-packets>
      <queued-packets-na>
        queued-packets-na
      </queued-packets-na>
      <queued-bytes-na>
        queued-bytes-na
      </queued-bytes-na>
      <queued-bytes>
        queued-bytes
      </queued-bytes>
      <queued-packets-rate>
        queued-packets-rate
      </queued-packets-rate>
      <queued-bytes-rate>
        queued-bytes-rate
      </queued-bytes-rate>
      <trans-packets>
        trans-packets
      </trans-packets>
      <trans-bytes>
        trans-bytes
      </trans-bytes>
      <trans-packets-rate>
        trans-packets-rate
      </trans-packets-rate>
      <trans-bytes-rate>
        trans-bytes-rate
      </trans-bytes-rate>
      <tail-drop-packets>
        tail-drop-packets
      </tail-drop-packets>
      <tail-drop-packets-rate>
        tail-drop-packets-rate
      </tail-drop-packets-rate>
      <tail-drop-packets-na>
        tail-drop-packets-na
      </tail-drop-packets-na>
      <rate-limit-drop-packets>
        rate-limit-drop-packets
      </rate-limit-drop-packets>
      <rate-limit-drop-packets-rate>
        rate-limit-drop-packets-rate
      </rate-limit-drop-packets-rate>
      <rate-limit-drop-packets-na>
        rate-limit-drop-packets-na
```

```
</rate-limit-drop-packets-na>
<rate-limit-drop-bytes>
  rate-limit-drop-bytes
</rate-limit-drop-bytes>
<rate-limit-drop-bytes-rate>
  rate-limit-drop-bytes-rate
</rate-limit-drop-bytes-rate>
<rate-limit-drop-bytes-na>
  rate-limit-drop-bytes-na
</rate-limit-drop-bytes-na>
<red-packets-na>
  red-packets-na
</red-packets-na>
<red-packets>
  red-packets
</red-packets>
<red-bytes-na>
  red-bytes-na
</red-bytes-na>
<red-bytes>
  red-bytes
</red-bytes>
<red-packets-rate>
  red-packets-rate
</red-packets-rate>
<red-bytes-rate>
  red-bytes-rate
</red-bytes-rate>
<red-packets-ln>
  red-packets-ln
</red-packets-ln>
<red-bytes-ln>
  red-bytes-ln
</red-bytes-ln>
<red-packets-rate-ln>
  red-packets-rate-ln
</red-packets-rate-ln>
<red-bytes-rate-ln>
  red-bytes-rate-ln
</red-bytes-rate-ln>
<red-packets-lt>
  red-packets-lt
</red-packets-lt>
<red-bytes-lt>
  red-bytes-lt
</red-bytes-lt>
<red-packets-rate-lt>
  red-packets-rate-lt
</red-packets-rate-lt>
<red-bytes-rate-lt>
  red-bytes-rate-lt
</red-bytes-rate-lt>
<red-packets-ht>
  red-packets-ht
</red-packets-ht>
<red-bytes-ht>
```

```
    red-bytes-ht
  </red-bytes-ht>
  <red-packets-rate-ht>
    red-packets-rate-ht
  </red-packets-rate-ht>
  <red-bytes-rate-ht>
    red-bytes-rate-ht
  </red-bytes-rate-ht>
  <red-packets-hn>
    red-packets-hn
  </red-packets-hn>
  <red-bytes-hn>
    red-bytes-hn
  </red-bytes-hn>
  <red-packets-rate-hn>
    red-packets-rate-hn
  </red-packets-rate-hn>
  <red-bytes-rate-hn>
    red-bytes-rate-hn
  </red-bytes-rate-hn>
  <red-packets-low>
    red-packets-low
  </red-packets-low>
  <red-bytes-low>
    red-bytes-low
  </red-bytes-low>
  <red-packets-rate-low>
    red-packets-rate-low
  </red-packets-rate-low>
  <red-bytes-rate-low>
    red-bytes-rate-low
  </red-bytes-rate-low>
  <red-packets-medium-low>
    red-packets-medium-low
  </red-packets-medium-low>
  <red-bytes-medium-low>
    red-bytes-medium-low
  </red-bytes-medium-low>
  <red-packets-rate-medium-low>
    red-packets-rate-medium-low
  </red-packets-rate-medium-low>
  <red-bytes-rate-medium-low>
    red-bytes-rate-medium-low
  </red-bytes-rate-medium-low>
  <red-packets-medium-high>
    red-packets-medium-high
  </red-packets-medium-high>
  <red-bytes-medium-high>
    red-bytes-medium-high
  </red-bytes-medium-high>
  <red-packets-rate-medium-high>
    red-packets-rate-medium-high
  </red-packets-rate-medium-high>
  <red-bytes-rate-medium-high>
    red-bytes-rate-medium-high
  </red-bytes-rate-medium-high>
```

```
<red-packets-medium>
  red-packets-medium
</red-packets-medium>
<red-bytes-medium>
  red-bytes-medium
</red-bytes-medium>
<red-packets-rate-medium>
  red-packets-rate-medium
</red-packets-rate-medium>
<red-bytes-rate-medium>
  red-bytes-rate-medium
</red-bytes-rate-medium>
<red-packets-high>
  red-packets-high
</red-packets-high>
<red-bytes-high>
  red-bytes-high
</red-bytes-high>
<red-packets-rate-high>
  red-packets-rate-high
</red-packets-rate-high>
<red-bytes-rate-high>
  red-bytes-rate-high
</red-bytes-rate-high>
</pfe-queue>
</pfe-queue-counters>
</pfe-tail-drop-statistics>
</pfe-statistics>
```

Description Counters for a single queue

<pfe-queue>

Usage

```
<pfe-statistics>
<pfe-total-tail-drop>
<pfe-queue-counters>
  <pfe-queue>
    <number>
      number
    </number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
    <queued-packets>
      queued-packets
    </queued-packets>
    <queued-packets-na>
      queued-packets-na
    </queued-packets-na>
    <queued-bytes-na>
      queued-bytes-na
    </queued-bytes-na>
    <queued-bytes>
```

```
    queued-bytes
  </queued-bytes>
  <queued-packets-rate>
    queued-packets-rate
  </queued-packets-rate>
  <queued-bytes-rate>
    queued-bytes-rate
  </queued-bytes-rate>
  <trans-packets>
    trans-packets
  </trans-packets>
  <trans-bytes>
    trans-bytes
  </trans-bytes>
  <trans-packets-rate>
    trans-packets-rate
  </trans-packets-rate>
  <trans-bytes-rate>
    trans-bytes-rate
  </trans-bytes-rate>
  <tail-drop-packets>
    tail-drop-packets
  </tail-drop-packets>
  <tail-drop-packets-rate>
    tail-drop-packets-rate
  </tail-drop-packets-rate>
  <tail-drop-packets-na>
    tail-drop-packets-na
  </tail-drop-packets-na>
  <rate-limit-drop-packets>
    rate-limit-drop-packets
  </rate-limit-drop-packets>
  <rate-limit-drop-packets-rate>
    rate-limit-drop-packets-rate
  </rate-limit-drop-packets-rate>
  <rate-limit-drop-packets-na>
    rate-limit-drop-packets-na
  </rate-limit-drop-packets-na>
  <rate-limit-drop-bytes>
    rate-limit-drop-bytes
  </rate-limit-drop-bytes>
  <rate-limit-drop-bytes-rate>
    rate-limit-drop-bytes-rate
  </rate-limit-drop-bytes-rate>
  <rate-limit-drop-bytes-na>
    rate-limit-drop-bytes-na
  </rate-limit-drop-bytes-na>
  <red-packets-na>
    red-packets-na
  </red-packets-na>
  <red-packets>
    red-packets
  </red-packets>
  <red-bytes-na>
    red-bytes-na
  </red-bytes-na>
```

```
<red-bytes>
  red-bytes
</red-bytes>
<red-packets-rate>
  red-packets-rate
</red-packets-rate>
<red-bytes-rate>
  red-bytes-rate
</red-bytes-rate>
<red-packets-ln>
  red-packets-ln
</red-packets-ln>
<red-bytes-ln>
  red-bytes-ln
</red-bytes-ln>
<red-packets-rate-ln>
  red-packets-rate-ln
</red-packets-rate-ln>
<red-bytes-rate-ln>
  red-bytes-rate-ln
</red-bytes-rate-ln>
<red-packets-lt>
  red-packets-lt
</red-packets-lt>
<red-bytes-lt>
  red-bytes-lt
</red-bytes-lt>
<red-packets-rate-lt>
  red-packets-rate-lt
</red-packets-rate-lt>
<red-bytes-rate-lt>
  red-bytes-rate-lt
</red-bytes-rate-lt>
<red-packets-ht>
  red-packets-ht
</red-packets-ht>
<red-bytes-ht>
  red-bytes-ht
</red-bytes-ht>
<red-packets-rate-ht>
  red-packets-rate-ht
</red-packets-rate-ht>
<red-bytes-rate-ht>
  red-bytes-rate-ht
</red-bytes-rate-ht>
<red-packets-hn>
  red-packets-hn
</red-packets-hn>
<red-bytes-hn>
  red-bytes-hn
</red-bytes-hn>
<red-packets-rate-hn>
  red-packets-rate-hn
</red-packets-rate-hn>
<red-bytes-rate-hn>
  red-bytes-rate-hn
```

```
</red-bytes-rate-hn>
<red-packets-low>
  red-packets-low
</red-packets-low>
<red-bytes-low>
  red-bytes-low
</red-bytes-low>
<red-packets-rate-low>
  red-packets-rate-low
</red-packets-rate-low>
<red-bytes-rate-low>
  red-bytes-rate-low
</red-bytes-rate-low>
<red-packets-medium-low>
  red-packets-medium-low
</red-packets-medium-low>
<red-bytes-medium-low>
  red-bytes-medium-low
</red-bytes-medium-low>
<red-packets-rate-medium-low>
  red-packets-rate-medium-low
</red-packets-rate-medium-low>
<red-bytes-rate-medium-low>
  red-bytes-rate-medium-low
</red-bytes-rate-medium-low>
<red-packets-medium-high>
  red-packets-medium-high
</red-packets-medium-high>
<red-bytes-medium-high>
  red-bytes-medium-high
</red-bytes-medium-high>
<red-packets-rate-medium-high>
  red-packets-rate-medium-high
</red-packets-rate-medium-high>
<red-bytes-rate-medium-high>
  red-bytes-rate-medium-high
</red-bytes-rate-medium-high>
<red-packets-medium>
  red-packets-medium
</red-packets-medium>
<red-bytes-medium>
  red-bytes-medium
</red-bytes-medium>
<red-packets-rate-medium>
  red-packets-rate-medium
</red-packets-rate-medium>
<red-bytes-rate-medium>
  red-bytes-rate-medium
</red-bytes-rate-medium>
<red-packets-high>
  red-packets-high
</red-packets-high>
<red-bytes-high>
  red-bytes-high
</red-bytes-high>
<red-packets-rate-high>
```

```
        red-packets-rate-high
      </red-packets-rate-high>
      <red-bytes-rate-high>
        red-bytes-rate-high
      </red-bytes-rate-high>
    </pfe-queue>
  </pfe-queue-counters>
</pfe-total-tail-drop>
</pfe-statistics>
```

Description Counters for a single queue

<pfe-queue-counters>

Usage

```
<pfe-queue-counters>
  <pfe-queue>....</pfe-queue>
</pfe-queue-counters>
```

Description Queue counter statistics

<pfe-queue-counters>

Usage

```
<pfe-statistics>
  <pfe-multicast-stats>
    <pfe-queue-counters>
      <pfe-queue>....</pfe-queue>
    </pfe-queue-counters>
  </pfe-multicast-stats>
</pfe-statistics>
```

Description Queue counter statistics

<pfe-queue-counters>

Usage

```
<pfe-statistics>
  <pfe-cpu-stats>
    <pfe-queue-counters>
      <pfe-queue>....</pfe-queue>
    </pfe-queue-counters>
  </pfe-cpu-stats>
</pfe-statistics>
```

Description Queue counter statistics

<pfe-queue-counters>

Usage

```

<pfe-statistics>
  <pfe-tail-drop-statistics>
    <pfe-queue-counters>
      <pfe-queue>....</pfe-queue>
    </pfe-queue-counters>
  </pfe-tail-drop-statistics>
</pfe-statistics>

```

Description Queue counter statistics

<pfe-queue-counters>

Usage

```

<pfe-statistics>
  <pfe-total-tail-drop>
    <pfe-queue-counters>
      <pfe-queue>....</pfe-queue>
    </pfe-queue-counters>
  </pfe-total-tail-drop>
</pfe-statistics>

```

Description Queue counter statistics

<pfe-resource>

Usage

```

<pfe-resource>
  <pfe-resource-usage>....</pfe-resource-usage>
</pfe-resource>

```

Description

<pfe-resource-general-information>

Usage

```

<pfe-resource>
  <pfe-resource-usage>
    <pfe-resource-general-information>
      <pfe-description>
        pfe-description
      </pfe-description>
      <pfe-instance>
        pfe-instance
      </pfe-instance>
      <pfe-forwarding-module-name>
        pfe-forwarding-module-name
      </pfe-forwarding-module-name>
      <pfe-forwarding-module-instance>
        pfe-forwarding-module-instance

```

```
</pfe-forwarding-module-instance>
<pfe-resource-usage-details>....</pfe-resource-usage-details>
</pfe-resource-general-information>
</pfe-resource-usage>
</pfe-resource>
```

Description

<pfe-resource-usage>

Usage

```
<pfe-resource>
<pfe-resource-usage>
<pfe-fpc-instance>
  pfe-fpc-instance
</pfe-fpc-instance>
<pfe-resource-usage-legend>
  pfe-resource-usage-legend
</pfe-resource-usage-legend>
<pfe-resource-general-information>....</pfe-resource-general-information>
</pfe-resource-usage>
</pfe-resource>
```

Description

<pfe-resource-usage-details>

Usage

```
<pfe-resource>
<pfe-resource-usage>
<pfe-resource-general-information>
<pfe-resource-usage-details>
<pfe-resource-total>
  pfe-resource-total
</pfe-resource-total>
<pfe-resource-units>
  pfe-resource-units
</pfe-resource-units>
<pfe-resource-free>
  pfe-resource-free
</pfe-resource-free>
<pfe-resource-inuse>
  pfe-resource-inuse
</pfe-resource-inuse>
<pfe-resource-name>
  pfe-resource-name
</pfe-resource-name>
<pfe-resource-inuse-percent>
  pfe-resource-inuse-percent
</pfe-resource-inuse-percent>
<pfe-resource-highlight>
  pfe-resource-highlight
</pfe-resource-highlight>
</pfe-resource-usage-details>
```

```

    </pfe-resource-general-information>
  </pfe-resource-usage>
</pfe-resource>

```

Description

<pfe-statistics>

Usage

```

<pfe-statistics>
  <pfe-multicast-stats>....</pfe-multicast-stats>
  <pfe-cpu-stats>....</pfe-cpu-stats>
  <pfe-tail-drop-statistics>....</pfe-tail-drop-statistics>
  <pfe-total-tail-drop>....</pfe-total-tail-drop>
  <pfe-traffic-statistics>....</pfe-traffic-statistics>
  <pfe-local-traffic-statistics>....</pfe-local-traffic-statistics>
  <pfe-local-protocol-statistics>....</pfe-local-protocol-statistics>
  <pfe-bfd-statistics-detail>....</pfe-bfd-statistics-detail>
  <pfe-cfm-statistics-detail>....</pfe-cfm-statistics-detail>
  <pfe-lfm-statistics-detail>....</pfe-lfm-statistics-detail>
  <pfe-vrrp-statistics-detail>....</pfe-vrrp-statistics-detail>
  <pfe-hardware-discard-statistics>....</pfe-hardware-discard-statistics>
  <pfe-chip-statistics>....</pfe-chip-statistics>
</pfe-statistics>

```

Description

<pfe-tail-drop-statistics>

Usage

```

<pfe-statistics>
  <pfe-tail-drop-statistics>
    <pfe-queue-counters>....</pfe-queue-counters>
  </pfe-tail-drop-statistics>
</pfe-statistics>

```

Description

<pfe-total-tail-drop>

Usage

```

<pfe-statistics>
  <pfe-total-tail-drop>
    <pfe-queue-counters>....</pfe-queue-counters>
  </pfe-total-tail-drop>
</pfe-statistics>

```

Description

<pfe-traffic-statistics>

Usage

```

<pfe-statistics>

```

```
<pfe-traffic-statistics>
  <pfe-input-packets>
    pfe-input-packets
  </pfe-input-packets>
  <pfe-output-packets>
    pfe-output-packets
  </pfe-output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
</pfe-traffic-statistics>
</pfe-statistics>
```

Description

<pfe-vrrp-statistics-detail>

Usage

```
<pfe-statistics>
  <pfe-vrrp-statistics-detail>
    <vrrp-packets-received>
      vrrp-packets-received
    </vrrp-packets-received>
    <vrrp-packets-sent-to-re>
      vrrp-packets-sent-to-re
    </vrrp-packets-sent-to-re>
    <vrrp-packets-absorbed>
      vrrp-packets-absorbed
    </vrrp-packets-absorbed>
    <vrrp-packets-transmitted>
      vrrp-packets-transmitted
    </vrrp-packets-transmitted>
    <vrrp-packets-transmit-error>
      vrrp-packets-transmit-error
    </vrrp-packets-transmit-error>
    <vrrp-packets-dropped>
      vrrp-packets-dropped
    </vrrp-packets-dropped>
  </pfe-vrrp-statistics-detail>
</pfe-statistics>
```

Description

<routing-engine-accounting-record>

Usage

```
<accounting-record-information>
  <routing-engine-accounting-statistics>
    <routing-engine-accounting-record>
      <profile-layout>
        profile-layout
      </profile-layout>
    </routing-engine-accounting-record>
  </routing-engine-accounting-statistics>
</accounting-record-information>
```

```

</profile-layout>
<epoch-timestamp>
  epoch-timestamp
</epoch-timestamp>
<utc-timestamp>
  utc-timestamp
</utc-timestamp>
<hostname>
  hostname
</hostname>
<date-yyyyymmdd>
  date-yyyyymmdd
</date-yyyyymmdd>
<timeofday-hhmmss>
  timeofday-hhmmss
</timeofday-hhmmss>
<uptime>
  uptime
</uptime>
<cpu1min>
  cpu1min
</cpu1min>
<cpu5min>
  cpu5min
</cpu5min>
<cpu15min>
  cpu15min
</cpu15min>
<memory-usage>
  memory-usage
</memory-usage>
<total-cpu-usage>
  total-cpu-usage
</total-cpu-usage>
</routing-engine-accounting-record>
</routing-engine-accounting-statistics>
</accounting-record-information>

```

Description Information in a record that was generated based on a Routing Engine profile

<routing-engine-accounting-statistics>

Usage

```

<accounting-record-information>
  <routing-engine-accounting-statistics>
    <routing-engine-accounting-record>....</routing-engine-accounting-record>
  </routing-engine-accounting-statistics>
</accounting-record-information>

```

Description Information from one or more records that were generated based on a Routing Engine profile

<snmp-object>

Usage

```
<snmp-object-information>
  <snmp-object>
    <name>
      name
    </name>
    <index>....</index>
    <oid>
      oid
    </oid>
    <object-value>
      object-value
    </object-value>
    <object-value-type>
      object-value-type
    </object-value-type>
    <error>
      error
    </error>
  </snmp-object>
</snmp-object-information>
```

Description

<snmp-object-information>

Usage

```
<snmp-object-information>
  <snmp-object>....</snmp-object>
  <snmp-request-error>....</snmp-request-error>
</snmp-object-information>
```

Description

<snmp-request-error>

Usage

```
<snmp-object-information>
  <snmp-request-error>
    <snmp-req-error-value>
      snmp-req-error-value
    </snmp-req-error-value>
  </snmp-request-error>
</snmp-object-information>
```

Description

Summary of Adaptive Services Response Tags

<alg-error-counters>

Usage

```
<sfw-stats-service-set-entry>
  <alg-error-counters>
    <alg-bootp-errors>
      alg-bootp-errors
    </alg-bootp-errors>
    <alg-dce-rpc-errors>
      alg-dce-rpc-errors
    </alg-dce-rpc-errors>
    <alg-dce-rpc-portmap-errors>
      alg-dce-rpc-portmap-errors
    </alg-dce-rpc-portmap-errors>
    <alg-dns-errors>
      alg-dns-errors
    </alg-dns-errors>
    <alg-exec-errors>
      alg-exec-errors
    </alg-exec-errors>
    <alg-ftp-errors>
      alg-ftp-errors
    </alg-ftp-errors>
    <alg-h323-errors>
      alg-h323-errors
    </alg-h323-errors>
    <alg-icmp-errors>
      alg-icmp-errors
    </alg-icmp-errors>
    <alg-iiop-errors>
      alg-iiop-errors
    </alg-iiop-errors>
    <alg-login-errors>
      alg-login-errors
    </alg-login-errors>
    <alg-netbios-errors>
      alg-netbios-errors
    </alg-netbios-errors>
    <alg-netshow-errors>
      alg-netshow-errors
    </alg-netshow-errors>
    <alg-realaudio-errors>
      alg-realaudio-errors
    </alg-realaudio-errors>
    <alg-rpc-errors>
      alg-rpc-errors
    </alg-rpc-errors>
    <alg-rpc-portmap-errors>
      alg-rpc-portmap-errors
    </alg-rpc-portmap-errors>
    <alg-rtsp-errors>
      alg-rtsp-errors
    </alg-rtsp-errors>
```

```
<alg-shell-errors>
  alg-shell-errors
</alg-shell-errors>
<alg-sip-errors>
  alg-sip-errors
</alg-sip-errors>
<alg-snmp-errors>
  alg-snmp-errors
</alg-snmp-errors>
<alg-sqlnet-errors>
  alg-sqlnet-errors
</alg-sqlnet-errors>
<alg-tftp-errors>
  alg-tftp-errors
</alg-tftp-errors>
<alg-traceroute-errors>
  alg-traceroute-errors
</alg-traceroute-errors>
</alg-error-counters>
</sfw-stats-service-set-entry>
```

Description Extensive output of ALG processing errors

<alg-error-counters>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <alg-error-counters>
        <alg-bootp-errors>
          alg-bootp-errors
        </alg-bootp-errors>
        <alg-dce-rpc-errors>
          alg-dce-rpc-errors
        </alg-dce-rpc-errors>
        <alg-dce-rpc-portmap-errors>
          alg-dce-rpc-portmap-errors
        </alg-dce-rpc-portmap-errors>
        <alg-dns-errors>
          alg-dns-errors
        </alg-dns-errors>
        <alg-exec-errors>
          alg-exec-errors
        </alg-exec-errors>
        <alg-ftp-errors>
          alg-ftp-errors
        </alg-ftp-errors>
        <alg-h323-errors>
          alg-h323-errors
        </alg-h323-errors>
        <alg-icmp-errors>
          alg-icmp-errors
        </alg-icmp-errors>
```



```
<alg-iiop-errors>
  alg-iiop-errors
</alg-iiop-errors>
<alg-login-errors>
  alg-login-errors
</alg-login-errors>
<alg-netbios-errors>
  alg-netbios-errors
</alg-netbios-errors>
<alg-netshow-errors>
  alg-netshow-errors
</alg-netshow-errors>
<alg-realaudio-errors>
  alg-realaudio-errors
</alg-realaudio-errors>
<alg-rpc-errors>
  alg-rpc-errors
</alg-rpc-errors>
<alg-rpc-portmap-errors>
  alg-rpc-portmap-errors
</alg-rpc-portmap-errors>
<alg-rtsp-errors>
  alg-rtsp-errors
</alg-rtsp-errors>
<alg-shell-errors>
  alg-shell-errors
</alg-shell-errors>
<alg-sip-errors>
  alg-sip-errors
</alg-sip-errors>
<alg-snmp-errors>
  alg-snmp-errors
</alg-snmp-errors>
<alg-sqlnet-errors>
  alg-sqlnet-errors
</alg-sqlnet-errors>
<alg-tftp-errors>
  alg-tftp-errors
</alg-tftp-errors>
<alg-traceroute-errors>
  alg-traceroute-errors
</alg-traceroute-errors>
</alg-error-counters>
</sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Extensive output of ALG processing errors

<base-root-entry>

Usage

```
<pgcpd-active-configuration>
  <base-root-entry>
```

```
<brp_name>
  brp_name
</brp_name>
<brp_minimum>
  brp_minimum
</brp_minimum>
<brp_maximum>
  brp_maximum
</brp_maximum>
<brp_default>
  brp_default
</brp_default>
</base-root-entry>
</pgcpd-active-configuration>
```

Description Array of h248 base root properties

<base-root-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <base-root-entry>
    <brp_name>
      brp_name
    </brp_name>
    <brp_minimum>
      brp_minimum
    </brp_minimum>
    <brp_maximum>
      brp_maximum
    </brp_maximum>
    <brp_default>
      brp_default
    </brp_default>
  </base-root-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description Array of h248 base root properties

<base-root-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <base-root-entry>
      <brp_name>
        brp_name
      </brp_name>
      <brp_minimum>
        brp_minimum
```

```

    </brp_minimum>
    <brp_maximum>
      brp_maximum
    </brp_maximum>
    <brp_default>
      brp_default
    </brp_default>
  </base-root-entry>
</gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>

```

Description Array of h248 base root properties

<base-root-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <base-root-entry>
      <brp_name>
        brp_name
      </brp_name>
      <brp_minimum>
        brp_minimum
      </brp_minimum>
      <brp_maximum>
        brp_maximum
      </brp_maximum>
      <brp_default>
        brp_default
      </brp_default>
    </base-root-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

Description Array of h248 base root properties

<base-root-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <base-root-entry>
      <brp_name>
        brp_name
      </brp_name>
      <brp_minimum>
        brp_minimum
      </brp_minimum>
      <brp_maximum>
        brp_maximum
      </brp_maximum>
    </base-root-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

```
<brp_default>
  brp_default
</brp_default>
</base-root-entry>
</gateway-entry>
</service-pgcp-terminations>
```

Description Array of h248 base root properties

<base-root-entry>

Usage

```
<service-pgcp-gates>
<gateway-entry>
  <base-root-entry>
    <brp_name>
      brp_name
    </brp_name>
    <brp_minimum>
      brp_minimum
    </brp_minimum>
    <brp_maximum>
      brp_maximum
    </brp_maximum>
    <brp_default>
      brp_default
    </brp_default>
  </base-root-entry>
</gateway-entry>
</service-pgcp-gates>
```

Description Array of h248 base root properties

<bsg-address-of-record>

Usage

```
<bsg-address-of-record>
  <bsg-aor-name>
    bsg-aor-name
  </bsg-aor-name>
  <bsg-aor-bindings-num-of-lu>
    bsg-aor-bindings-num-of-lu
  </bsg-aor-bindings-num-of-lu>
  <bsg-address-of-record-bindings>....</bsg-address-of-record-bindings>
</bsg-address-of-record>
```

Description Address of record

<bsg-address-of-record>

Usage

```

<bsg-address-of-records>
  <bsg-address-of-record>
    <bsg-aor-name>
      bsg-aor-name
    </bsg-aor-name>
    <bsg-aor-bindings-num-of-lu>
      bsg-aor-bindings-num-of-lu
    </bsg-aor-bindings-num-of-lu>
    <bsg-address-of-record-bindings>....</bsg-address-of-record-bindings>
  </bsg-address-of-record>
</bsg-address-of-records>

```

Description Address of record

<bsg-address-of-record-binding>

Usage

```

<bsg-address-of-record-binding>
  <bsg-aor-bindings-uri>
    bsg-aor-bindings-uri
  </bsg-aor-bindings-uri>
  <bsg-aor-bindings-reg-realm>
    bsg-aor-bindings-reg-realm
  </bsg-aor-bindings-reg-realm>
  <bsg-aor-bindings-service-point>
    bsg-aor-bindings-service-point
  </bsg-aor-bindings-service-point>
  <bsg-aor-bindings-last-reg-time>
    bsg-aor-bindings-last-reg-time
  </bsg-aor-bindings-last-reg-time>
  <bsg-aor-bindings-first-reg-time>
    bsg-aor-bindings-first-reg-time
  </bsg-aor-bindings-first-reg-time>
  <bsg-aor-bindings-expiration-time>
    bsg-aor-bindings-expiration-time
  </bsg-aor-bindings-expiration-time>
  <bsg-aor-bindings-lu>
    bsg-aor-bindings-lu
  </bsg-aor-bindings-lu>
  <bsg-aor-bindings-fe-nat-used>
    bsg-aor-bindings-fe-nat-used
  </bsg-aor-bindings-fe-nat-used>
  <bsg-aor-bindings-fe-nat-method>
    bsg-aor-bindings-fe-nat-method
  </bsg-aor-bindings-fe-nat-method>
  <bsg-aor-bindings-fe-nat-ka-interval>
    bsg-aor-bindings-fe-nat-ka-interval
  </bsg-aor-bindings-fe-nat-ka-interval>
</bsg-address-of-record-binding>

```

Description Binding URI's

<bsg-address-of-record-binding>

Usage

```
<bsg-address-of-record-bindings>
  <bsg-address-of-record-binding>
    <bsg-aor-bindings-uri>
      bsg-aor-bindings-uri
    </bsg-aor-bindings-uri>
    <bsg-aor-bindings-reg-realm>
      bsg-aor-bindings-reg-realm
    </bsg-aor-bindings-reg-realm>
    <bsg-aor-bindings-service-point>
      bsg-aor-bindings-service-point
    </bsg-aor-bindings-service-point>
    <bsg-aor-bindings-last-reg-time>
      bsg-aor-bindings-last-reg-time
    </bsg-aor-bindings-last-reg-time>
    <bsg-aor-bindings-first-reg-time>
      bsg-aor-bindings-first-reg-time
    </bsg-aor-bindings-first-reg-time>
    <bsg-aor-bindings-expiration-time>
      bsg-aor-bindings-expiration-time
    </bsg-aor-bindings-expiration-time>
    <bsg-aor-bindings-lu>
      bsg-aor-bindings-lu
    </bsg-aor-bindings-lu>
    <bsg-aor-bindings-fe-nat-used>
      bsg-aor-bindings-fe-nat-used
    </bsg-aor-bindings-fe-nat-used>
    <bsg-aor-bindings-fe-nat-method>
      bsg-aor-bindings-fe-nat-method
    </bsg-aor-bindings-fe-nat-method>
    <bsg-aor-bindings-fe-nat-ka-interval>
      bsg-aor-bindings-fe-nat-ka-interval
    </bsg-aor-bindings-fe-nat-ka-interval>
  </bsg-address-of-record-binding>
</bsg-address-of-record-bindings>
```

Description Binding URI's

<bsg-address-of-record-binding>

Usage

```
<bsg-address-of-record>
  <bsg-address-of-record-bindings>
    <bsg-address-of-record-binding>
      <bsg-aor-bindings-uri>
        bsg-aor-bindings-uri
      </bsg-aor-bindings-uri>
      <bsg-aor-bindings-reg-realm>
        bsg-aor-bindings-reg-realm
      </bsg-aor-bindings-reg-realm>
```

```

<bsg-aor-bindings-service-point>
  bsg-aor-bindings-service-point
</bsg-aor-bindings-service-point>
<bsg-aor-bindings-last-reg-time>
  bsg-aor-bindings-last-reg-time
</bsg-aor-bindings-last-reg-time>
<bsg-aor-bindings-first-reg-time>
  bsg-aor-bindings-first-reg-time
</bsg-aor-bindings-first-reg-time>
<bsg-aor-bindings-expiration-time>
  bsg-aor-bindings-expiration-time
</bsg-aor-bindings-expiration-time>
<bsg-aor-bindings-lu>
  bsg-aor-bindings-lu
</bsg-aor-bindings-lu>
<bsg-aor-bindings-fe-nat-used>
  bsg-aor-bindings-fe-nat-used
</bsg-aor-bindings-fe-nat-used>
<bsg-aor-bindings-fe-nat-method>
  bsg-aor-bindings-fe-nat-method
</bsg-aor-bindings-fe-nat-method>
<bsg-aor-bindings-fe-nat-ka-interval>
  bsg-aor-bindings-fe-nat-ka-interval
</bsg-aor-bindings-fe-nat-ka-interval>
</bsg-address-of-record-binding>
</bsg-address-of-record-bindings>
</bsg-address-of-record>

```

Description Binding URI's

<bsg-address-of-record-binding>

Usage

```

<bsg-address-of-records>
<bsg-address-of-record>
<bsg-address-of-record-bindings>
<bsg-address-of-record-binding>
  <bsg-aor-bindings-uri>
    bsg-aor-bindings-uri
  </bsg-aor-bindings-uri>
  <bsg-aor-bindings-reg-realm>
    bsg-aor-bindings-reg-realm
  </bsg-aor-bindings-reg-realm>
  <bsg-aor-bindings-service-point>
    bsg-aor-bindings-service-point
  </bsg-aor-bindings-service-point>
  <bsg-aor-bindings-last-reg-time>
    bsg-aor-bindings-last-reg-time
  </bsg-aor-bindings-last-reg-time>
  <bsg-aor-bindings-first-reg-time>
    bsg-aor-bindings-first-reg-time
  </bsg-aor-bindings-first-reg-time>
  <bsg-aor-bindings-expiration-time>
    bsg-aor-bindings-expiration-time

```

```
</bsg-aor-bindings-expiration-time>
<bsg-aor-bindings-lu>
  bsg-aor-bindings-lu
</bsg-aor-bindings-lu>
<bsg-aor-bindings-fe-nat-used>
  bsg-aor-bindings-fe-nat-used
</bsg-aor-bindings-fe-nat-used>
<bsg-aor-bindings-fe-nat-method>
  bsg-aor-bindings-fe-nat-method
</bsg-aor-bindings-fe-nat-method>
<bsg-aor-bindings-fe-nat-ka-interval>
  bsg-aor-bindings-fe-nat-ka-interval
</bsg-aor-bindings-fe-nat-ka-interval>
</bsg-address-of-record-binding>
</bsg-address-of-record-bindings>
</bsg-address-of-record>
</bsg-address-of-records>
```

Description Binding URI's

<bsg-address-of-record-bindings>

Usage

```
<bsg-address-of-record-bindings>
  <bsg-address-of-record-binding>....</bsg-address-of-record-binding>
</bsg-address-of-record-bindings>
```

Description Binding URI's

<bsg-address-of-record-bindings>

Usage

```
<bsg-address-of-record>
  <bsg-address-of-record-bindings>
    <bsg-address-of-record-binding>....</bsg-address-of-record-binding>
  </bsg-address-of-record-bindings>
</bsg-address-of-record>
```

Description Binding URI's

<bsg-address-of-record-bindings>

Usage

```
<bsg-address-of-records>
  <bsg-address-of-record>
    <bsg-address-of-record-bindings>
      <bsg-address-of-record-binding>....</bsg-address-of-record-binding>
    </bsg-address-of-record-bindings>
  </bsg-address-of-record>
</bsg-address-of-records>
```


Description Binding URI's

<bsg-address-of-records>

Usage

```
<bsg-address-of-records>
  <bsg-address-of-record>....</bsg-address-of-record>
</bsg-address-of-records>
```

Description

<bsg-admission-control-details>

Usage

```
<bsg-admission-control-details>
  <bsg-cac-name>
    bsg-cac-name
  </bsg-cac-name>
  <bsg-admission-control-dialogs>....</bsg-admission-control-dialogs>
  <bsg-admission-control-transactions>....</bsg-admission-control-transactions>

</bsg-admission-control-details>
```

Description

<bsg-admission-control-details>

Usage

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-admission-control-details>
      <bsg-cac-name>
        bsg-cac-name
      </bsg-cac-name>
      <bsg-admission-control-dialogs>....</bsg-admission-control-dialogs>
      <bsg-admission-control-transactions>....</bsg-admission-control-transactions>

    </bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description

<bsg-admission-control-dialogs>

Usage

```
<bsg-admission-control-dialogs>
  <bsg-admission-control-dialog-title>
    bsg-admission-control-dialog-title
  </bsg-admission-control-dialog-title>
  <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
</bsg-admission-control-dialogs>
```

Description**<bsg-admission-control-dialogs>****Usage**

```
<bsg-admission-control-details>
  <bsg-admission-control-dialogs>
    <bsg-admission-control-dialog-title>
      bsg-admission-control-dialog-title
    </bsg-admission-control-dialog-title>
    <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
  </bsg-admission-control-dialogs>
</bsg-admission-control-details>
```

Description**<bsg-admission-control-dialogs>****Usage**

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-admission-control-details>
      <bsg-admission-control-dialogs>
        <bsg-admission-control-dialog-title>
          bsg-admission-control-dialog-title
        </bsg-admission-control-dialog-title>
        <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
      </bsg-admission-control-dialogs>
    </bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description**<bsg-admission-control-transactions>****Usage**

```
<bsg-admission-control-transactions>
  <bsg-admission-control-transaction-title>
    bsg-admission-control-transaction-title
  </bsg-admission-control-transaction-title>
  <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
</bsg-admission-control-transactions>
```

Description**<bsg-admission-control-transactions>****Usage**

```
<bsg-admission-control-details>
  <bsg-admission-control-transactions>
    <bsg-admission-control-transaction-title>
      bsg-admission-control-transaction-title
    </bsg-admission-control-transaction-title>
  </bsg-admission-control-transactions>
```

```

    <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
  </bsg-admission-control-transactions>
</bsg-admission-control-details>

```

Description

<bsg-admission-control-transactions>

Usage

```

<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-admission-control-details>
      <bsg-admission-control-transactions>
        <bsg-admission-control-transaction-title>
          bsg-admission-control-transaction-title
        </bsg-admission-control-transaction-title>
        <bsg-admission-controlled-object>....</bsg-admission-controlled-object>
      </bsg-admission-control-transactions>
    </bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>

```

Description

<bsg-admission-controlled-object>

Usage

```

<bsg-admission-controlled-object>
  <bsg-cac-active>
    bsg-cac-active
  </bsg-cac-active>
  <bsg-cac-attempts-handled>
    bsg-cac-attempts-handled
  </bsg-cac-attempts-handled>
  <bsg-cac-attempts-rejected-concurrent>
    bsg-cac-attempts-rejected-concurrent
  </bsg-cac-attempts-rejected-concurrent>
  <bsg-cac-attempts-rejected-rate>
    bsg-cac-attempts-rejected-rate
  </bsg-cac-attempts-rejected-rate>
</bsg-admission-controlled-object>

```

Description

<bsg-admission-controlled-object>

Usage

```

<bsg-admission-control-dialogs>
  <bsg-admission-controlled-object>
    <bsg-cac-active>
      bsg-cac-active
    </bsg-cac-active>
    <bsg-cac-attempts-handled>
      bsg-cac-attempts-handled

```

```
</bsg-cac-attempts-handled>
<bsg-cac-attempts-rejected-concurrent>
  bsg-cac-attempts-rejected-concurrent
</bsg-cac-attempts-rejected-concurrent>
<bsg-cac-attempts-rejected-rate>
  bsg-cac-attempts-rejected-rate
</bsg-cac-attempts-rejected-rate>
</bsg-admission-controlled-object>
</bsg-admission-control-dialogs>
```

Description

<bsg-admission-controlled-object>

Usage

```
<bsg-admission-control-transactions>
<bsg-admission-controlled-object>
  <bsg-cac-active>
    bsg-cac-active
  </bsg-cac-active>
  <bsg-cac-attempts-handled>
    bsg-cac-attempts-handled
  </bsg-cac-attempts-handled>
  <bsg-cac-attempts-rejected-concurrent>
    bsg-cac-attempts-rejected-concurrent
  </bsg-cac-attempts-rejected-concurrent>
  <bsg-cac-attempts-rejected-rate>
    bsg-cac-attempts-rejected-rate
  </bsg-cac-attempts-rejected-rate>
</bsg-admission-controlled-object>
</bsg-admission-control-transactions>
```

Description

<bsg-admission-controlled-object>

Usage

```
<bsg-admission-control-details>
<bsg-admission-control-dialogs>
  <bsg-admission-controlled-object>
    <bsg-cac-active>
      bsg-cac-active
    </bsg-cac-active>
    <bsg-cac-attempts-handled>
      bsg-cac-attempts-handled
    </bsg-cac-attempts-handled>
    <bsg-cac-attempts-rejected-concurrent>
      bsg-cac-attempts-rejected-concurrent
    </bsg-cac-attempts-rejected-concurrent>
    <bsg-cac-attempts-rejected-rate>
      bsg-cac-attempts-rejected-rate
    </bsg-cac-attempts-rejected-rate>
  </bsg-admission-controlled-object>
</bsg-admission-control-dialogs>
```

```
</bsg-admission-control-details>
```

Description

<bsg-admission-controlled-object>

Usage

```
<bsg-admission-control-details>
  <bsg-admission-control-transactions>
    <bsg-admission-controlled-object>
      <bsg-cac-active>
        bsg-cac-active
      </bsg-cac-active>
      <bsg-cac-attempts-handled>
        bsg-cac-attempts-handled
      </bsg-cac-attempts-handled>
      <bsg-cac-attempts-rejected-concurrent>
        bsg-cac-attempts-rejected-concurrent
      </bsg-cac-attempts-rejected-concurrent>
      <bsg-cac-attempts-rejected-rate>
        bsg-cac-attempts-rejected-rate
      </bsg-cac-attempts-rejected-rate>
    </bsg-admission-controlled-object>
  </bsg-admission-control-transactions>
</bsg-admission-control-details>
```

Description

<bsg-admission-controlled-object>

Usage

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-admission-control-details>
      <bsg-admission-control-dialogs>
        <bsg-admission-controlled-object>
          <bsg-cac-active>
            bsg-cac-active
          </bsg-cac-active>
          <bsg-cac-attempts-handled>
            bsg-cac-attempts-handled
          </bsg-cac-attempts-handled>
          <bsg-cac-attempts-rejected-concurrent>
            bsg-cac-attempts-rejected-concurrent
          </bsg-cac-attempts-rejected-concurrent>
          <bsg-cac-attempts-rejected-rate>
            bsg-cac-attempts-rejected-rate
          </bsg-cac-attempts-rejected-rate>
        </bsg-admission-controlled-object>
      </bsg-admission-control-dialogs>
    </bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description**<bsg-admission-controlled-object>****Usage**

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-admission-control-details>
      <bsg-admission-control-transactions>
        <bsg-admission-controlled-object>
          <bsg-cac-active>
            bsg-cac-active
          </bsg-cac-active>
          <bsg-cac-attempts-handled>
            bsg-cac-attempts-handled
          </bsg-cac-attempts-handled>
          <bsg-cac-attempts-rejected-concurrent>
            bsg-cac-attempts-rejected-concurrent
          </bsg-cac-attempts-rejected-concurrent>
          <bsg-cac-attempts-rejected-rate>
            bsg-cac-attempts-rejected-rate
          </bsg-cac-attempts-rejected-rate>
        </bsg-admission-controlled-object>
      </bsg-admission-control-transactions>
    </bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description**<bsg-calls-duration>****Usage**

```
<bsg-calls-duration>
  <bsg-calls-duration-details>....</bsg-calls-duration-details>
</bsg-calls-duration>
```

Description Show an histogram of calls-duration for each service point

<bsg-calls-duration-details>**Usage**

```
<bsg-calls-duration>
  <bsg-calls-duration-details>
    <bsg-start-time>
      bsg-start-time
    </bsg-start-time>

    <bsg-service-point-calls-duration-details>....</bsg-service-point-calls-duration-details>

  </bsg-calls-duration-details>
</bsg-calls-duration>
```

Description

<bsg-charging-statistics>

Usage

```
<bsg-charging-statistics>
  <number-of-ctf-messages>
    number-of-ctf-messages
  </number-of-ctf-messages>
  <number-of-ctf-retries-messages>
    number-of-ctf-retries-messages
  </number-of-ctf-retries-messages>
  <number-of-ctf-replied-messages>
    number-of-ctf-replied-messages
  </number-of-ctf-replied-messages>
  <number-of-ctf-error-replied-messages>
    number-of-ctf-error-replied-messages
  </number-of-ctf-error-replied-messages>
</bsg-charging-statistics>
```

Description

<bsg-charging-status>

Usage

```
<bsg-charging-status>
  <bsg-charging-name>
    bsg-charging-name
  </bsg-charging-name>
  <bsg-charging-release-number>
    bsg-charging-release-number
  </bsg-charging-release-number>
  <bsg-charging-operational-mode>
    bsg-charging-operational-mode
  </bsg-charging-operational-mode>
  <bsg-charging-status-cdf>....</bsg-charging-status-cdf>
</bsg-charging-status>
```

Description

<bsg-charging-status-cdf>

Usage

```
<bsg-charging-status-cdf>
  <bsg-charging-cdf-name>
    bsg-charging-cdf-name
  </bsg-charging-cdf-name>
  <bsg-charging-cdf-realm>
    bsg-charging-cdf-realm
  </bsg-charging-cdf-realm>
  <bsg-charging-cdf-host>
    bsg-charging-cdf-host
  </bsg-charging-cdf-host>
  <bsg-charging-cdf-priority>
    bsg-charging-cdf-priority
```

```
</bsg-charging-cdf-priority>
</bsg-charging-status-cdf>
```

Description Charging Trigger Function - CDF servers list

<bsg-charging-status-cdf>

Usage

```
<bsg-charging-status>
  <bsg-charging-status-cdf>
    <bsg-charging-cdf-name>
      bsg-charging-cdf-name
    </bsg-charging-cdf-name>
    <bsg-charging-cdf-realm>
      bsg-charging-cdf-realm
    </bsg-charging-cdf-realm>
    <bsg-charging-cdf-host>
      bsg-charging-cdf-host
    </bsg-charging-cdf-host>
    <bsg-charging-cdf-priority>
      bsg-charging-cdf-priority
    </bsg-charging-cdf-priority>
  </bsg-charging-status-cdf>
</bsg-charging-status>
```

Description Charging Trigger Function - CDF servers list

<bsg-database-size>

Usage

```
<bsg-database-size>
  <database-name>
    database-name
  </database-name>
  <database-size>
    database-size
  </database-size>
</bsg-database-size>
```

Description Show border signaling gateway database size

<bsg-denied-messages-details>

Usage

```
<bsg-denied-messages-details>
  <bsg-denied-message>
    bsg-denied-message
  </bsg-denied-message>
</bsg-denied-messages-details>
```


Description

<bsg-denied-messages-details>

Usage

```

<bsg-statistics-denied-messages-details>
  <bsg-statistics-denied-messages>
    <bsg-denied-messages-details>
      <bsg-denied-message>
        bsg-denied-message
      </bsg-denied-message>
    </bsg-denied-messages-details>
  </bsg-statistics-denied-messages>
</bsg-statistics-denied-messages-details>

```

Description

<bsg-drain-name-resolution-details>

Usage

```

<bsg-drain-name-resolution-details>
</bsg-drain-name-resolution-details>

```

Description Name resolution cache contents cleared by border signaling gateway

<bsg-information-brief>

Usage

```

<bsg-information-brief>
  <bsg-information-brief-details>....</bsg-information-brief-details>
</bsg-information-brief>

```

Description

<bsg-information-brief-details>

Usage

```

<bsg-information-brief-details>
  <bsg-call-context-id>
    bsg-call-context-id
  </bsg-call-context-id>
  <bsg-request-uri>
    bsg-request-uri
  </bsg-request-uri>
  <bsg-contact>
    bsg-contact
  </bsg-contact>
  <bsg-signaling-source-ip>
    bsg-signaling-source-ip
  </bsg-signaling-source-ip>
  <bsg-signaling-destination-ip>
    bsg-signaling-destination-ip
  </bsg-signaling-destination-ip>

```

```
<bsg-dialog-information-call-id>
  bsg-dialog-information-call-id
</bsg-dialog-information-call-id>
</bsg-information-brief-details>
```

Description

<bsg-information-brief-details>

Usage

```
<bsg-information-brief>
  <bsg-information-brief-details>
    <bsg-call-context-id>
      bsg-call-context-id
    </bsg-call-context-id>
    <bsg-request-uri>
      bsg-request-uri
    </bsg-request-uri>
    <bsg-contact>
      bsg-contact
    </bsg-contact>
    <bsg-signaling-source-ip>
      bsg-signaling-source-ip
    </bsg-signaling-source-ip>
    <bsg-signaling-destination-ip>
      bsg-signaling-destination-ip
    </bsg-signaling-destination-ip>
    <bsg-dialog-information-call-id>
      bsg-dialog-information-call-id
    </bsg-dialog-information-call-id>
  </bsg-information-brief-details>
</bsg-information-brief>
```

Description

<bsg-information-details-detailed>

Usage

```
<bsg-information-details-detailed>
  <bsg-service-point-calls-information>....</bsg-service-point-calls-information>
</bsg-information-details-detailed>
```

Description Show border signaling gateway information

<bsg-information-summary>

Usage

```
<bsg-information-summary>
  <bsg-information-active-calls>
    bsg-information-active-calls
  </bsg-information-active-calls>
</bsg-information-summary>
```

Description**<bsg-media-details>****Usage**

```
<bsg-media-details>
  <bsg-gate-id>
    bsg-gate-id
  </bsg-gate-id>
  <bsg-media-ip>
    bsg-media-ip
  </bsg-media-ip>
  <bsg-media-port>
    bsg-media-port
  </bsg-media-port>
  <bsg-media-status>
    bsg-media-status
  </bsg-media-status>
</bsg-media-details>
```

Description Media details

<bsg-media-details>**Usage**

```
<bsg-service-point-calls-information>
  <bsg-media-details>
    <bsg-gate-id>
      bsg-gate-id
    </bsg-gate-id>
    <bsg-media-ip>
      bsg-media-ip
    </bsg-media-ip>
    <bsg-media-port>
      bsg-media-port
    </bsg-media-port>
    <bsg-media-status>
      bsg-media-status
    </bsg-media-status>
  </bsg-media-details>
</bsg-service-point-calls-information>
```

Description Media details

<bsg-media-details>**Usage**

```
<bsg-information-details-detailed>
  <bsg-service-point-calls-information>
    <bsg-media-details>
      <bsg-gate-id>
        bsg-gate-id
      </bsg-gate-id>
```

```
<bsg-media-ip>
  bsg-media-ip
</bsg-media-ip>
<bsg-media-port>
  bsg-media-port
</bsg-media-port>
<bsg-media-status>
  bsg-media-status
</bsg-media-status>
</bsg-media-details>
</bsg-service-point-calls-information>
</bsg-information-details-detailed>
```

Description Media details

<bsg-memory-pools>

Usage

```
<bsg-memory-pools>
<memory-pool-name>
  memory-pool-name
</memory-pool-name>
<memory-pool-chunks-num>
  memory-pool-chunks-num
</memory-pool-chunks-num>
<memory-pool-free-chunks-num>
  memory-pool-free-chunks-num
</memory-pool-free-chunks-num>
<memory-pool-chunk-size>
  memory-pool-chunk-size
</memory-pool-chunk-size>
<memory-pool-chunk-used>
  memory-pool-chunk-used
</memory-pool-chunk-used>
</bsg-memory-pools>
```

Description Show border signaling gateway memory pools

<bsg-name-resolution-cache-information>

Usage

```
<bsg-name-resolution-cache-information>
<bsg-nr-cache>....</bsg-nr-cache>
</bsg-name-resolution-cache-information>
```

Description Show name resolution cache content

<bsg-name-resolution-entry>

Usage

```
<bsg-name-resolution-entry>
```

```

<bsg-nr-entry-fqdn>
  bsg-nr-entry-fqdn
</bsg-nr-entry-fqdn>
<bsg-nr-entry-type>
  bsg-nr-entry-type
</bsg-nr-entry-type>
<bsg-nr-entry-rdata>
  bsg-nr-entry-rdata
</bsg-nr-entry-rdata>
<bsg-nr-entry-ttl-expiry>
  bsg-nr-entry-ttl-expiry
</bsg-nr-entry-ttl-expiry>
<bsg-nr-entry-blacklist-expiry>
  bsg-nr-entry-blacklist-expiry
</bsg-nr-entry-blacklist-expiry>
</bsg-name-resolution-entry>

```

Description

<bsg-name-resolution-entry>

Usage

```

<bsg-name-resolution-cache-information>
  <bsg-nr-cache>
    <bsg-name-resolution-entry>
      <bsg-nr-entry-fqdn>
        bsg-nr-entry-fqdn
      </bsg-nr-entry-fqdn>
      <bsg-nr-entry-type>
        bsg-nr-entry-type
      </bsg-nr-entry-type>
      <bsg-nr-entry-rdata>
        bsg-nr-entry-rdata
      </bsg-nr-entry-rdata>
      <bsg-nr-entry-ttl-expiry>
        bsg-nr-entry-ttl-expiry
      </bsg-nr-entry-ttl-expiry>
      <bsg-nr-entry-blacklist-expiry>
        bsg-nr-entry-blacklist-expiry
      </bsg-nr-entry-blacklist-expiry>
    </bsg-name-resolution-entry>
  </bsg-nr-cache>
</bsg-name-resolution-cache-information>

```

Description

<bsg-nr-cache>

Usage

```

<bsg-name-resolution-cache-information>
  <bsg-nr-cache>
    <bsg-name-resolution-entry>....</bsg-name-resolution-entry>
  </bsg-nr-cache>

```

```
</bsg-name-resolution-cache-information>
```

Description

<bsg-redundancy-connection-info>

Usage

```
<bsg-status-information>
  <bsg-redundancy-connection-info>
    <bsg-redundancy-conn-type>
      bsg-redundancy-conn-type
    </bsg-redundancy-conn-type>
    <bsg-redundancy-conn-details>
      bsg-redundancy-conn-details
    </bsg-redundancy-conn-details>
    <bsg-redundancy-conn-status>
      bsg-redundancy-conn-status
    </bsg-redundancy-conn-status>
    <bsg-redundancy-conn-messages>
      bsg-redundancy-conn-messages
    </bsg-redundancy-conn-messages>
  </bsg-redundancy-connection-info>
</bsg-status-information>
```

Description Shows the connection information

<bsg-redundancy-info>

Usage

```
<bsg-status-information>
  <bsg-redundancy-info>
  </bsg-redundancy-info>
</bsg-status-information>
```

Description Shows bsg redundancy information

<bsg-redundancy-pic-info>

Usage

```
<bsg-status-information>
  <bsg-redundancy-pic-info>
    <bsg-redundancy-local-or-remote>
      bsg-redundancy-local-or-remote
    </bsg-redundancy-local-or-remote>
    <bsg-redundancy-pic-if-name>
      bsg-redundancy-pic-if-name
    </bsg-redundancy-pic-if-name>
    <bsg-redundancy-pic-ip>
      bsg-redundancy-pic-ip
    </bsg-redundancy-pic-ip>
    <bsg-redundancy-pic-rms-role>
      bsg-redundancy-pic-rms-role
  </bsg-redundancy-pic-info>
</bsg-status-information>
```

```

    </bsg-redundancy-pic-rms-role>
  </bsg-redundancy-pic-info>
</bsg-status-information>

```

Description Shows PIC information

<bsg-registrations>

Usage

```

<bsg-registrations>
  <bsg-registrations-start-time>
    bsg-registrations-start-time
  </bsg-registrations-start-time>
  <bsg-registrations-active-registrations>
    bsg-registrations-active-registrations
  </bsg-registrations-active-registrations>
</bsg-registrations>

```

Description

<bsg-registrations-realm>

Usage

```

<bsg-registrations-realm>
  <bsg-registrations-realm-start-time>
    bsg-registrations-realm-start-time
  </bsg-registrations-realm-start-time>
  <bsg-registrations-realm-name>
    bsg-registrations-realm-name
  </bsg-registrations-realm-name>
  <bsg-registrations-realm-active-registrations>
    bsg-registrations-realm-active-registrations
  </bsg-registrations-realm-active-registrations>
</bsg-registrations-realm>

```

Description

<bsg-routing-blacklist-actively-checked>

Usage

```

<bsg-routing-blacklist-actively-checked>
  <actively-checked-server-name>
    actively-checked-server-name
  </actively-checked-server-name>
  <actively-checked-server-address>
    actively-checked-server-address
  </actively-checked-server-address>
  <actively-checked-server-last-availability>
    actively-checked-server-last-availability
  </actively-checked-server-last-availability>
  <actively-checked-server-next-check>
    actively-checked-server-next-check
  </actively-checked-server-next-check>

```

</bsg-routing-blacklist-actively-checked>

Description Servers that were configured to be actively checked

<bsg-routing-blacklist-actively-checked>

Usage

```
<bsg-routing-blacklist-actively-checked-wrapper>
  <bsg-routing-blacklist-actively-checked>
    <actively-checked-server-name>
      actively-checked-server-name
    </actively-checked-server-name>
    <actively-checked-server-address>
      actively-checked-server-address
    </actively-checked-server-address>
    <actively-checked-server-last-availability>
      actively-checked-server-last-availability
    </actively-checked-server-last-availability>
    <actively-checked-server-next-check>
      actively-checked-server-next-check
    </actively-checked-server-next-check>
  </bsg-routing-blacklist-actively-checked>
</bsg-routing-blacklist-actively-checked-wrapper>
```

Description Servers that were configured to be actively checked

<bsg-routing-blacklist-actively-checked>

Usage

```
<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>
    <bsg-routing-blacklist-actively-checked-wrapper>
      <bsg-routing-blacklist-actively-checked>
        <actively-checked-server-name>
          actively-checked-server-name
        </actively-checked-server-name>
        <actively-checked-server-address>
          actively-checked-server-address
        </actively-checked-server-address>
        <actively-checked-server-last-availability>
          actively-checked-server-last-availability
        </actively-checked-server-last-availability>
        <actively-checked-server-next-check>
          actively-checked-server-next-check
        </actively-checked-server-next-check>
      </bsg-routing-blacklist-actively-checked>
    </bsg-routing-blacklist-actively-checked-wrapper>
  </bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>
```

Description Servers that were configured to be actively checked

<bsg-routing-blacklist-actively-checked-wrapper>

Usage

```

<bsg-routing-blacklist-actively-checked-wrapper>
  <bsg-routing-blacklist-actively-checked-title>
    bsg-routing-blacklist-actively-checked-title
  </bsg-routing-blacklist-actively-checked-title>

  <bsg-routing-blacklist-actively-checked>....</bsg-routing-blacklist-actively-checked>

</bsg-routing-blacklist-actively-checked-wrapper>

```

Description Title for servers that are actively checked

<bsg-routing-blacklist-actively-checked-wrapper>

Usage

```

<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>
    <bsg-routing-blacklist-actively-checked-wrapper>
      <bsg-routing-blacklist-actively-checked-title>
        bsg-routing-blacklist-actively-checked-title
      </bsg-routing-blacklist-actively-checked-title>

      <bsg-routing-blacklist-actively-checked>....</bsg-routing-blacklist-actively-checked>

    </bsg-routing-blacklist-actively-checked-wrapper>
  </bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>

```

Description Title for servers that are actively checked

<bsg-routing-blacklist-details>

Usage

```

<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>....</bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>

```

Description Servers which are actively or not-actively checked status

<bsg-routing-blacklist-entry>

Usage

```

<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>
    <bsg-start-time>
      bsg-start-time
    </bsg-start-time>

    <bsg-routing-blacklist-actively-checked-wrapper>....</bsg-routing-blacklist-actively-checked-wrapper>
  </bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>

```

```
<bsg-routing-blacklist-not-actively-checked-wrapper>...</bsg-routing-blacklist-not-actively-checked-wrapper>

  </bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>
```

Description

<bsg-routing-blacklist-not-actively-checked>

Usage

```
<bsg-routing-blacklist-not-actively-checked>
  <not-actively-checked-server-name>
    not-actively-checked-server-name
  </not-actively-checked-server-name>
  <not-actively-checked-server-address>
    not-actively-checked-server-address
  </not-actively-checked-server-address>
  <not-actively-checked-server-next-availability>
    not-actively-checked-server-next-availability
  </not-actively-checked-server-next-availability>
</bsg-routing-blacklist-not-actively-checked>
```

Description Servers that were configured not to be actively check

<bsg-routing-blacklist-not-actively-checked>

Usage

```
<bsg-routing-blacklist-not-actively-checked-wrapper>
  <bsg-routing-blacklist-not-actively-checked>
    <not-actively-checked-server-name>
      not-actively-checked-server-name
    </not-actively-checked-server-name>
    <not-actively-checked-server-address>
      not-actively-checked-server-address
    </not-actively-checked-server-address>
    <not-actively-checked-server-next-availability>
      not-actively-checked-server-next-availability
    </not-actively-checked-server-next-availability>
  </bsg-routing-blacklist-not-actively-checked>
</bsg-routing-blacklist-not-actively-checked-wrapper>
```

Description Servers that were configured not to be actively check

<bsg-routing-blacklist-not-actively-checked>

Usage

```
<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>
    <bsg-routing-blacklist-not-actively-checked-wrapper>
      <bsg-routing-blacklist-not-actively-checked>
```

```

    <not-actively-checked-server-name>
      not-actively-checked-server-name
    </not-actively-checked-server-name>
    <not-actively-checked-server-address>
      not-actively-checked-server-address
    </not-actively-checked-server-address>
    <not-actively-checked-server-next-availability>
      not-actively-checked-server-next-availability
    </not-actively-checked-server-next-availability>
  </bsg-routing-blacklist-not-actively-checked>
</bsg-routing-blacklist-not-actively-checked-wrapper>
</bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>

```

Description Servers that were configured not to be actively check

<bsg-routing-blacklist-not-actively-checked-wrapper>

Usage

```

<bsg-routing-blacklist-not-actively-checked-wrapper>
  <bsg-routing-blacklist-not-actively-checked-title>
    bsg-routing-blacklist-not-actively-checked-title
  </bsg-routing-blacklist-not-actively-checked-title>

  <bsg-routing-blacklist-not-actively-checked>....</bsg-routing-blacklist-not-actively-checked>

</bsg-routing-blacklist-not-actively-checked-wrapper>

```

Description Title for servers that are not actively checked

<bsg-routing-blacklist-not-actively-checked-wrapper>

Usage

```

<bsg-routing-blacklist-details>
  <bsg-routing-blacklist-entry>
    <bsg-routing-blacklist-not-actively-checked-wrapper>
      <bsg-routing-blacklist-not-actively-checked-title>
        bsg-routing-blacklist-not-actively-checked-title
      </bsg-routing-blacklist-not-actively-checked-title>

      <bsg-routing-blacklist-not-actively-checked>....</bsg-routing-blacklist-not-actively-checked>

    </bsg-routing-blacklist-not-actively-checked-wrapper>
  </bsg-routing-blacklist-entry>
</bsg-routing-blacklist-details>

```

Description Title for servers that are not actively checked

<bsg-service-point-calls-details>

Usage

```
<bsg-service-point-calls-details>
  <bsg-sp-name>
    bsg-sp-name
  </bsg-sp-name>
  <bsg-server-name>
    bsg-server-name
  </bsg-server-name>
  <bsg-sp-direction>
    bsg-sp-direction
  </bsg-sp-direction>
  <bsg-sp-failed-calls>
    bsg-sp-failed-calls
  </bsg-sp-failed-calls>
  <bsg-sp-completed-calls>
    bsg-sp-completed-calls
  </bsg-sp-completed-calls>
  <bsg-sp-active-calls>
    bsg-sp-active-calls
  </bsg-sp-active-calls>
</bsg-service-point-calls-details>
```

Description

<bsg-service-point-calls-details>

Usage

```
<bsg-statistics-calls-details>
  <bsg-statistics-calls>
    <bsg-service-point-calls-details>
      <bsg-sp-name>
        bsg-sp-name
      </bsg-sp-name>
      <bsg-server-name>
        bsg-server-name
      </bsg-server-name>
      <bsg-sp-direction>
        bsg-sp-direction
      </bsg-sp-direction>
      <bsg-sp-failed-calls>
        bsg-sp-failed-calls
      </bsg-sp-failed-calls>
      <bsg-sp-completed-calls>
        bsg-sp-completed-calls
      </bsg-sp-completed-calls>
      <bsg-sp-active-calls>
        bsg-sp-active-calls
      </bsg-sp-active-calls>
    </bsg-service-point-calls-details>
  </bsg-statistics-calls>
</bsg-statistics-calls-details>
```

Description**<bsg-service-point-calls-duration-details>****Usage**

```

<bsg-service-point-calls-duration-details>
  <bsg-sp-name>
    bsg-sp-name
  </bsg-sp-name>
  <bsg-server-name>
    bsg-server-name
  </bsg-server-name>
  <service-point-direction>
    service-point-direction
  </service-point-direction>
  <calls-duration-histogram>....</calls-duration-histogram>
</bsg-service-point-calls-duration-details>

```

Description Show an histogram of calls-duration for each service point

<bsg-service-point-calls-duration-details>**Usage**

```

<bsg-calls-duration>
  <bsg-calls-duration-details>
    <bsg-service-point-calls-duration-details>
      <bsg-sp-name>
        bsg-sp-name
      </bsg-sp-name>
      <bsg-server-name>
        bsg-server-name
      </bsg-server-name>
      <service-point-direction>
        service-point-direction
      </service-point-direction>
      <calls-duration-histogram>....</calls-duration-histogram>
    </bsg-service-point-calls-duration-details>
  </bsg-calls-duration-details>
</bsg-calls-duration>

```

Description Show an histogram of calls-duration for each service point

<bsg-service-point-calls-failed-details>**Usage**

```

<bsg-service-point-calls-failed-details>
  <bsg-sp-name>
    bsg-sp-name
  </bsg-sp-name>
  <bsg-server-name>
    bsg-server-name
  </bsg-server-name>
  <bsg-sp-direction>

```

```
    bsg-sp-direction
  </bsg-sp-direction>
  <bsg-sp-error-response-code>
    bsg-sp-error-response-code
  </bsg-sp-error-response-code>
  <bsg-sp-internal-error>
    bsg-sp-internal-error
  </bsg-sp-internal-error>
  <bsg-sp-inactive-timeout>
    bsg-sp-inactive-timeout
  </bsg-sp-inactive-timeout>
  <bsg-sp-setup-media-failure>
    bsg-sp-setup-media-failure
  </bsg-sp-setup-media-failure>
  <bsg-sp-established-call-media-inactivity>
    bsg-sp-established-call-media-inactivity
  </bsg-sp-established-call-media-inactivity>
  <bsg-sp-cac-policy-rejection>
    bsg-sp-cac-policy-rejection
  </bsg-sp-cac-policy-rejection>
  <bsg-sp-default-behavior-policy-rejection>
    bsg-sp-default-behavior-policy-rejection
  </bsg-sp-default-behavior-policy-rejection>
  <bsg-sp-configured-behavior-policy-rejection>
    bsg-sp-configured-behavior-policy-rejection
  </bsg-sp-configured-behavior-policy-rejection>
  <bsg-sp-transport-conflict-policy-rejection>
    bsg-sp-transport-conflict-policy-rejection
  </bsg-sp-transport-conflict-policy-rejection>
  <bsg-sp-protocol-error>
    bsg-sp-protocol-error
  </bsg-sp-protocol-error>
  <bsg-sp-setup-timeout>
    bsg-sp-setup-timeout
  </bsg-sp-setup-timeout>
  <bsg-sp-transport-error>
    bsg-sp-transport-error
  </bsg-sp-transport-error>
  <bsg-sp-canceled-calls>
    bsg-sp-canceled-calls
  </bsg-sp-canceled-calls>
  <bsg-sp-media-abort>
    bsg-sp-media-abort
  </bsg-sp-media-abort>
</bsg-service-point-calls-failed-details>
```

Description

<bsg-service-point-calls-failed-details>

Usage

```
<bsg-statistics-calls-failed-details>
  <bsg-statistics-calls-failed>
    <bsg-service-point-calls-failed-details>
      <bsg-sp-name>
```

```
    bsg-sp-name
  </bsg-sp-name>
  <bsg-server-name>
    bsg-server-name
  </bsg-server-name>
  <bsg-sp-direction>
    bsg-sp-direction
  </bsg-sp-direction>
  <bsg-sp-error-response-code>
    bsg-sp-error-response-code
  </bsg-sp-error-response-code>
  <bsg-sp-internal-error>
    bsg-sp-internal-error
  </bsg-sp-internal-error>
  <bsg-sp-inactive-timeout>
    bsg-sp-inactive-timeout
  </bsg-sp-inactive-timeout>
  <bsg-sp-setup-media-failure>
    bsg-sp-setup-media-failure
  </bsg-sp-setup-media-failure>
  <bsg-sp-established-call-media-inactivity>
    bsg-sp-established-call-media-inactivity
  </bsg-sp-established-call-media-inactivity>
  <bsg-sp-cac-policy-rejection>
    bsg-sp-cac-policy-rejection
  </bsg-sp-cac-policy-rejection>
  <bsg-sp-default-behavior-policy-rejection>
    bsg-sp-default-behavior-policy-rejection
  </bsg-sp-default-behavior-policy-rejection>
  <bsg-sp-configured-behavior-policy-rejection>
    bsg-sp-configured-behavior-policy-rejection
  </bsg-sp-configured-behavior-policy-rejection>
  <bsg-sp-transport-conflict-policy-rejection>
    bsg-sp-transport-conflict-policy-rejection
  </bsg-sp-transport-conflict-policy-rejection>
  <bsg-sp-protocol-error>
    bsg-sp-protocol-error
  </bsg-sp-protocol-error>
  <bsg-sp-setup-timeout>
    bsg-sp-setup-timeout
  </bsg-sp-setup-timeout>
  <bsg-sp-transport-error>
    bsg-sp-transport-error
  </bsg-sp-transport-error>
  <bsg-sp-canceled-calls>
    bsg-sp-canceled-calls
  </bsg-sp-canceled-calls>
  <bsg-sp-media-abort>
    bsg-sp-media-abort
  </bsg-sp-media-abort>
</bsg-service-point-calls-failed-details>
</bsg-statistics-calls-failed>
</bsg-statistics-calls-failed-details>
```

Description

<bsg-service-point-calls-information>

Usage

```
<bsg-service-point-calls-information>
  <bsg-call-context-id>
    bsg-call-context-id
  </bsg-call-context-id>
  <bsg-request-uri>
    bsg-request-uri
  </bsg-request-uri>
  <bsg-contact>
    bsg-contact
  </bsg-contact>
  <bsg-signaling-source-ip>
    bsg-signaling-source-ip
  </bsg-signaling-source-ip>
  <bsg-signaling-destination-ip>
    bsg-signaling-destination-ip
  </bsg-signaling-destination-ip>
  <bsg-dialog-information-call-id>
    bsg-dialog-information-call-id
  </bsg-dialog-information-call-id>
  <bsg-dialog-information-local-uri>
    bsg-dialog-information-local-uri
  </bsg-dialog-information-local-uri>
  <bsg-dialog-information-remote-uri>
    bsg-dialog-information-remote-uri
  </bsg-dialog-information-remote-uri>
  <bsg-dialog-information-local-tag>
    bsg-dialog-information-local-tag
  </bsg-dialog-information-local-tag>
  <bsg-dialog-information-remote-tag>
    bsg-dialog-information-remote-tag
  </bsg-dialog-information-remote-tag>
  <bsg-next-hop>
    bsg-next-hop
  </bsg-next-hop>
  <bsg-media-details>....</bsg-media-details>
  <bsg-matched-policies>
    bsg-matched-policies
  </bsg-matched-policies>
  <bsg-admission-controller>
    bsg-admission-controller
  </bsg-admission-controller>
  <bsg-manipulation-rules>
    bsg-manipulation-rules
  </bsg-manipulation-rules>
</bsg-service-point-calls-information>
```

Description

<bsg-service-point-calls-information>

Usage

```

<bsg-information-details-detailed>
  <bsg-service-point-calls-information>
    <bsg-call-context-id>
      bsg-call-context-id
    </bsg-call-context-id>
    <bsg-request-uri>
      bsg-request-uri
    </bsg-request-uri>
    <bsg-contact>
      bsg-contact
    </bsg-contact>
    <bsg-signaling-source-ip>
      bsg-signaling-source-ip
    </bsg-signaling-source-ip>
    <bsg-signaling-destination-ip>
      bsg-signaling-destination-ip
    </bsg-signaling-destination-ip>
    <bsg-dialog-information-call-id>
      bsg-dialog-information-call-id
    </bsg-dialog-information-call-id>
    <bsg-dialog-information-local-uri>
      bsg-dialog-information-local-uri
    </bsg-dialog-information-local-uri>
    <bsg-dialog-information-remote-uri>
      bsg-dialog-information-remote-uri
    </bsg-dialog-information-remote-uri>
    <bsg-dialog-information-local-tag>
      bsg-dialog-information-local-tag
    </bsg-dialog-information-local-tag>
    <bsg-dialog-information-remote-tag>
      bsg-dialog-information-remote-tag
    </bsg-dialog-information-remote-tag>
    <bsg-next-hop>
      bsg-next-hop
    </bsg-next-hop>
    <bsg-media-details>....</bsg-media-details>
    <bsg-matched-policies>
      bsg-matched-policies
    </bsg-matched-policies>
    <bsg-admission-controller>
      bsg-admission-controller
    </bsg-admission-controller>
    <bsg-manipulation-rules>
      bsg-manipulation-rules
    </bsg-manipulation-rules>
  </bsg-service-point-calls-information>
</bsg-information-details-detailed>

```

Description

<bsg-statistics-admission-control>

Usage

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>
    <bsg-start-time>
      bsg-start-time
    </bsg-start-time>
    <bsg-admission-control-details>....</bsg-admission-control-details>
  </bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description

<bsg-statistics-admission-control-information>

Usage

```
<bsg-statistics-admission-control-information>
  <bsg-statistics-admission-control>....</bsg-statistics-admission-control>
</bsg-statistics-admission-control-information>
```

Description Show admission control profiles status

<bsg-statistics-calls>

Usage

```
<bsg-statistics-calls-details>
  <bsg-statistics-calls>
    <bsg-start-time>
      bsg-start-time
    </bsg-start-time>
    <bsg-service-point-calls-details>....</bsg-service-point-calls-details>
  </bsg-statistics-calls>
</bsg-statistics-calls-details>
```

Description

<bsg-statistics-calls-details>

Usage

```
<bsg-statistics-calls-details>
  <bsg-statistics-calls>....</bsg-statistics-calls>
</bsg-statistics-calls-details>
```

Description Count of calls per service point

<bsg-statistics-calls-failed>

Usage

```
<bsg-statistics-calls-failed-details>
  <bsg-statistics-calls-failed>
```

```

    <bsg-start-time>
      bsg-start-time
    </bsg-start-time>
    <bsg-service-point-calls-failed-details>....</bsg-service-point-calls-failed-details>

    </bsg-statistics-calls-failed>
  </bsg-statistics-calls-failed-details>

```

Description**<bsg-statistics-calls-failed-details>****Usage**

```

    <bsg-statistics-calls-failed-details>
      <bsg-statistics-calls-failed>....</bsg-statistics-calls-failed>
    </bsg-statistics-calls-failed-details>

```

Description Count of calls per service point**<bsg-statistics-clear-denied-messages>****Usage**

```

    <bsg-statistics-clear-denied-messages>
  </bsg-statistics-clear-denied-messages>

```

Description Denied messages information cleared by border signaling gateway**<bsg-statistics-denied-messages>****Usage**

```

    <bsg-statistics-denied-messages-details>
      <bsg-statistics-denied-messages>
        <overload-last-reset-time>
          overload-last-reset-time
        </overload-last-reset-time>
      <bsg-denied-messages-details>....</bsg-denied-messages-details>
    </bsg-statistics-denied-messages>
  </bsg-statistics-denied-messages-details>

```

Description**<bsg-statistics-denied-messages-details>****Usage**

```

    <bsg-statistics-denied-messages-details>
      <bsg-statistics-denied-messages>....</bsg-statistics-denied-messages>
    </bsg-statistics-denied-messages-details>

```

Description Denied messages per gateway

<bsg-statistics-drain-information>

Usage

```
<bsg-statistics-drain-information>
</bsg-statistics-drain-information>
```

Description Statistics information cleared by border signaling gateway

<bsg-status-information>

Usage

```
<bsg-status-information>
  <bsg-redundancy-pic-info>....</bsg-redundancy-pic-info>
  <bsg-redundancy-connection-info>....</bsg-redundancy-connection-info>
  <bsg-redundancy-state>
    bsg-redundancy-state
  </bsg-redundancy-state>
  <bsg-redundancy-info>....</bsg-redundancy-info>
</bsg-status-information>
```

Description Show bsg status information

<calls-duration-entry>

Usage

```
<calls-duration-histogram>
  <calls-duration-entry>
    <duration-start>
      duration-start
    </duration-start>
    <duration-end>
      duration-end
    </duration-end>
    <number-of-calls>
      number-of-calls
    </number-of-calls>
  </calls-duration-entry>
</calls-duration-histogram>
```

Description

<calls-duration-entry>

Usage

```
<bsg-service-point-calls-duration-details>
  <calls-duration-histogram>
    <calls-duration-entry>
      <duration-start>
        duration-start
      </duration-start>
      <duration-end>
        duration-end
      </duration-end>
    </calls-duration-entry>
  </calls-duration-histogram>
</bsg-service-point-calls-duration-details>
```

```

</duration-end>
<number-of-calls>
  number-of-calls
</number-of-calls>
</calls-duration-entry>
</calls-duration-histogram>
</bsg-service-point-calls-duration-details>

```

Description

<calls-duration-entry>

Usage

```

<bsg-calls-duration>
  <bsg-calls-duration-details>
    <bsg-service-point-calls-duration-details>
      <calls-duration-histogram>
        <calls-duration-entry>
          <duration-start>
            duration-start
          </duration-start>
          <duration-end>
            duration-end
          </duration-end>
          <number-of-calls>
            number-of-calls
          </number-of-calls>
        </calls-duration-entry>
      </calls-duration-histogram>
    </bsg-service-point-calls-duration-details>
  </bsg-calls-duration-details>
</bsg-calls-duration>

```

Description

<calls-duration-histogram>

Usage

```

<calls-duration-histogram>
  <calls-duration-entry>....</calls-duration-entry>
</calls-duration-histogram>

```

Description Show an histogram of calls-duration for each service point

<calls-duration-histogram>

Usage

```

<bsg-service-point-calls-duration-details>
  <calls-duration-histogram>
    <calls-duration-entry>....</calls-duration-entry>
  </calls-duration-histogram>
</bsg-service-point-calls-duration-details>

```

Description Show an histogram of calls-duration for each service point

<calls-duration-histogram>

Usage

```
<bsg-calls-duration>
  <bsg-calls-duration-details>
    <bsg-service-point-calls-duration-details>
      <calls-duration-histogram>
        <calls-duration-entry>....</calls-duration-entry>
      </calls-duration-histogram>
    </bsg-service-point-calls-duration-details>
  </bsg-calls-duration-details>
</bsg-calls-duration>
```

Description Show an histogram of calls-duration for each service point

<clear-service-bsg-registrations-statistics>

Usage

```
<clear-service-bsg-registrations-statistics>
</clear-service-bsg-registrations-statistics>
```

Description Clear bsg registration statistics

<clear-services-bsg-registrations-subscription>

Usage

```
<clear-services-bsg-registrations-subscription>
  <clear-services-bsg-registrations-subscription-result>
    clear-services-bsg-registrations-subscription-result
  </clear-services-bsg-registrations-subscription-result>
</clear-services-bsg-registrations-subscription>
```

Description Clear bsg registration subscription

<controller-entry>

Usage

```
<pgcpd-active-configuration>
  <controller-entry>
    <controller-name>
      controller-name
    </controller-name>
    <remote-ip-address>
      remote-ip-address
    </remote-ip-address>
    <remote-port>
      remote-port
    </remote-port>
  </controller-entry>
```

```
</pgcpd-active-configuration>
```

Description

<controller-entry>

Usage

```
<pgcpd-active-configuration>
  <gateway-entry>
    <controller-entry>
      <controller-name>
        controller-name
      </controller-name>
      <remote-ip-address>
        remote-ip-address
      </remote-ip-address>
      <remote-port>
        remote-port
      </remote-port>
    </controller-entry>
  </gateway-entry>
</pgcpd-active-configuration>
```

Description

<controller-entry>

Usage

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <controller-entry>
        <controller-name>
          controller-name
        </controller-name>
        <remote-ip-address>
          remote-ip-address
        </remote-ip-address>
        <remote-port>
          remote-port
        </remote-port>
      </controller-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

Description

<controller-entry>

Usage

```
<service-pgcp-statistics-gateway>
  <gateway-entry>
    <controller-entry>
```

```
<controller-name>
  controller-name
</controller-name>
<remote-ip-address>
  remote-ip-address
</remote-ip-address>
<remote-port>
  remote-port
</remote-port>
</controller-entry>
</gateway-entry>
</service-pgcp-statistics-gateway>
```

Description

<controller-entry>

Usage

```
<service-pgcp-terminations>
  <gateway-entry>
    <controller-entry>
      <controller-name>
        controller-name
      </controller-name>
      <remote-ip-address>
        remote-ip-address
      </remote-ip-address>
      <remote-port>
        remote-port
      </remote-port>
    </controller-entry>
  </gateway-entry>
</service-pgcp-terminations>
```

Description

<controller-entry>

Usage

```
<service-pgcp-gates>
  <gateway-entry>
    <controller-entry>
      <controller-name>
        controller-name
      </controller-name>
      <remote-ip-address>
        remote-ip-address
      </remote-ip-address>
      <remote-port>
        remote-port
      </remote-port>
    </controller-entry>
  </gateway-entry>
```



```
</service-pgcp-gates>
```

Description

<cos-stats-service-set-dscp-entry>

Usage

```
<cos-stats-service-set-dscp-entry>
  <received-dscp>
    received-dscp
  </received-dscp>
  <total-received-dscp-packets>
    total-received-dscp-packets
  </total-received-dscp-packets>
  <total-marked-dscp-packets>
    total-marked-dscp-packets
  </total-marked-dscp-packets>
</cos-stats-service-set-dscp-entry>
```

Description Class-of-service service set statistics entry

<cos-stats-service-set-dscp-entry>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>
    <cos-stats-service-set-dscp-information>
      <cos-stats-service-set-dscp-entry>
        <received-dscp>
          received-dscp
        </received-dscp>
        <total-received-dscp-packets>
          total-received-dscp-packets
        </total-received-dscp-packets>
        <total-marked-dscp-packets>
          total-marked-dscp-packets
        </total-marked-dscp-packets>
      </cos-stats-service-set-dscp-entry>
    </cos-stats-service-set-dscp-information>
  </service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description Class-of-service service set statistics entry

<cos-stats-service-set-dscp-information>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>
    <cos-stats-service-set-dscp-information>
      <cos-stats-service-set-dscp-entry>....</cos-stats-service-set-dscp-entry>
    </cos-stats-service-set-dscp-information>
```

```
</service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description

<cos-stats-service-set-forwarding-class-entry>

Usage

```
<cos-stats-service-set-forwarding-class-entry>
  <received-forwarding-class>
    received-forwarding-class
  </received-forwarding-class>
  <total-received-forwarding-class-packets>
    total-received-forwarding-class-packets
  </total-received-forwarding-class-packets>
  <total-assigned-forwarding-class-packets>
    total-assigned-forwarding-class-packets
  </total-assigned-forwarding-class-packets>
</cos-stats-service-set-forwarding-class-entry>
```

Description Class-of-service service set statistics entry

<cos-stats-service-set-forwarding-class-entry>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>
    <cos-stats-service-set-forwarding-class-information>
      <cos-stats-service-set-forwarding-class-entry>
        <received-forwarding-class>
          received-forwarding-class
        </received-forwarding-class>
        <total-received-forwarding-class-packets>
          total-received-forwarding-class-packets
        </total-received-forwarding-class-packets>
        <total-assigned-forwarding-class-packets>
          total-assigned-forwarding-class-packets
        </total-assigned-forwarding-class-packets>
      </cos-stats-service-set-forwarding-class-entry>
    </cos-stats-service-set-forwarding-class-information>
  </service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description Class-of-service service set statistics entry

<cos-stats-service-set-forwarding-class-information>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>
    <cos-stats-service-set-forwarding-class-information>
```

```
<cos-stats-service-set-forwarding-class-entry>....</cos-stats-service-set-forwarding-class-entry>
```

```
    </cos-stats-service-set-forwarding-class-information>
  </service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description

<crtp-config-info-entry>

Usage

```
<crtp-config-info-entry>
  <interface-name>
    interface-name
  </interface-name>
  <crtp-port-min>
    crtp-port-min
  </crtp-port-min>
  <crtp-port-max>
    crtp-port-max
  </crtp-port-max>
  <crtp-tcp-space>
    crtp-tcp-space
  </crtp-tcp-space>
  <crtp-udp-space>
    crtp-udp-space
  </crtp-udp-space>
  <crtp-max-period>
    crtp-max-period
  </crtp-max-period>
  <crtp-max-time>
    crtp-max-time
  </crtp-max-time>
  <crtp-rtp-queues>
    crtp-rtp-queues
  </crtp-rtp-queues>
</crtp-config-info-entry>
```

Description Compressed Real-Time Protocol information

<crtp-counter-table>

Usage

```
<crtp-counter-table>
  <crtp-counter-name>
    crtp-counter-name
  </crtp-counter-name>
  <crtp-counter-received>
    crtp-counter-received
  </crtp-counter-received>
  <crtp-counter-transmit>
    crtp-counter-transmit
  </crtp-counter-transmit>
```

```
</crtp-counter-table>
```

Description

```
<crtp-flow-entry>
```

Usage

```
<crtp-flow-entry>
  <crtp-flow-context-id>
    crtp-flow-context-id
  </crtp-flow-context-id>
  <crtp-flow-rtp-id>
    crtp-flow-rtp-id
  </crtp-flow-rtp-id>
  <crtp-flow-source-info>
    crtp-flow-source-info
  </crtp-flow-source-info>
  <crtp-flow-destination-info>
    crtp-flow-destination-info
  </crtp-flow-destination-info>
  <crtp-flow-type>
    crtp-flow-type
  </crtp-flow-type>
</crtp-flow-entry>
```

Description CRTP flow information

```
<crtp-flow-entry>
```

Usage

```
<crtp-per-interface-flow-table>
  <service-crtp-flow-table>
    <crtp-flow-entry>
      <crtp-flow-context-id>
        crtp-flow-context-id
      </crtp-flow-context-id>
      <crtp-flow-rtp-id>
        crtp-flow-rtp-id
      </crtp-flow-rtp-id>
      <crtp-flow-source-info>
        crtp-flow-source-info
      </crtp-flow-source-info>
      <crtp-flow-destination-info>
        crtp-flow-destination-info
      </crtp-flow-destination-info>
      <crtp-flow-type>
        crtp-flow-type
      </crtp-flow-type>
    </crtp-flow-entry>
  </service-crtp-flow-table>
</crtp-per-interface-flow-table>
```

Description CRTP flow information

<crtp-flow-entry>

Usage

```
<service-crtp-flow-table-information>
  <crtp-per-interface-flow-table>
    <service-crtp-flow-table>
      <crtp-flow-entry>
        <crtp-flow-context-id>
          crtp-flow-context-id
        </crtp-flow-context-id>
        <crtp-flow-rtp-id>
          crtp-flow-rtp-id
        </crtp-flow-rtp-id>
        <crtp-flow-source-info>
          crtp-flow-source-info
        </crtp-flow-source-info>
        <crtp-flow-destination-info>
          crtp-flow-destination-info
        </crtp-flow-destination-info>
        <crtp-flow-type>
          crtp-flow-type
        </crtp-flow-type>
      </crtp-flow-entry>
    </service-crtp-flow-table>
  </crtp-per-interface-flow-table>
</service-crtp-flow-table-information>
```

Description CRTP flow information

<crtp-ip-counter-table>

Usage

```
<crtp-ip-counter-table>
  <crtp-ip-counter-name>
    crtp-ip-counter-name
  </crtp-ip-counter-name>
  <crtp-ip-counter-received>
    crtp-ip-counter-received
  </crtp-ip-counter-received>
  <crtp-ip-counter-transmit>
    crtp-ip-counter-transmit
  </crtp-ip-counter-transmit>
</crtp-ip-counter-table>
```

Description

<crtp-per-interface-flow-table>

Usage

```
<crtp-per-interface-flow-table>
  <interface-name>
```

```
    interface-name
  </interface-name>
  <service-crtp-flow-table>....</service-crtp-flow-table>
</crtp-per-interface-flow-table>
```

Description CRTP flows sorted by interface

<crtp-per-interface-flow-table>

Usage

```
<service-crtp-flow-table-information>
  <crtp-per-interface-flow-table>
    <interface-name>
      interface-name
    </interface-name>
    <service-crtp-flow-table>....</service-crtp-flow-table>
  </crtp-per-interface-flow-table>
</service-crtp-flow-table-information>
```

Description CRTP flows sorted by interface

<crtp-stats-entry>

Usage

```
<crtp-stats-entry>
  <crtp-compression-ratio>
    crtp-compression-ratio
  </crtp-compression-ratio>
  <crtp-decompression-ratio>
    crtp-decompression-ratio
  </crtp-decompression-ratio>
  <crtp-sessions-rx>
    crtp-sessions-rx
  </crtp-sessions-rx>
  <crtp-sessions-tx>
    crtp-sessions-tx
  </crtp-sessions-tx>
  <crtp-compressed-rx>
    crtp-compressed-rx
  </crtp-compressed-rx>
  <crtp-compressed-tx>
    crtp-compressed-tx
  </crtp-compressed-tx>
  <crtp-discards>
    crtp-discards
  </crtp-discards>
</crtp-stats-entry>
```

Description CRTP statistics

<drop_counters>**Usage**

```

<sfw-stats-service-set-entry>
  <drop_counters>
    <ip-option>
      ip-option
    </ip-option>
    <syn-defense>
      syn-defense
    </syn-defense>
    <nat-ports-exhausted>
      nat-ports-exhausted
    </nat-ports-exhausted>
  </drop_counters>
</sfw-stats-service-set-entry>

```

Description Drop counters (rules or resource exhaustion)

<drop_counters>**Usage**

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <drop_counters>
        <ip-option>
          ip-option
        </ip-option>
        <syn-defense>
          syn-defense
        </syn-defense>
        <nat-ports-exhausted>
          nat-ports-exhausted
        </nat-ports-exhausted>
      </drop_counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description Drop counters (rules or resource exhaustion)

<error-counters>**Usage**

```

<sfw-stats-service-set-entry>
  <error-counters>
    <ip-errors>
      ip-errors
    </ip-errors>
    <tcp-errors>
      tcp-errors

```

```
</tcp-errors>
<udp-errors>
  udp-errors
</udp-errors>
<icmp-errors>
  icmp-errors
</icmp-errors>
<non-ip-packets>
  non-ip-packets
</non-ip-packets>
<alg-errors>
  alg-errors
</alg-errors>
</error-counters>
</sfw-stats-service-set-entry>
```

Description Summarized protocol processing errors

<error-counters>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <error-counters>
        <ip-errors>
          ip-errors
        </ip-errors>
        <tcp-errors>
          tcp-errors
        </tcp-errors>
        <udp-errors>
          udp-errors
        </udp-errors>
        <icmp-errors>
          icmp-errors
        </icmp-errors>
        <non-ip-packets>
          non-ip-packets
        </non-ip-packets>
        <alg-errors>
          alg-errors
        </alg-errors>
      </error-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Summarized protocol processing errors

<existing-flow-counters>**Usage**

```

<sfw-stats-service-set-entry>
  <existing-flow-counters>
    <existing-flow-accepts>
      existing-flow-accepts
    </existing-flow-accepts>
    <existing-flow-discards>
      existing-flow-discards
    </existing-flow-discards>
    <existing-flow-rejects>
      existing-flow-rejects
    </existing-flow-rejects>
  </existing-flow-counters>
</sfw-stats-service-set-entry>

```

Description Existing flow counters

<existing-flow-counters>**Usage**

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <existing-flow-counters>
        <existing-flow-accepts>
          existing-flow-accepts
        </existing-flow-accepts>
        <existing-flow-discards>
          existing-flow-discards
        </existing-flow-discards>
        <existing-flow-rejects>
          existing-flow-rejects
        </existing-flow-rejects>
      </existing-flow-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description Existing flow counters

<fast-update-filters-entry>**Usage**

```

<pgcpd-active-configuration>
  <fast-update-filters-entry>
    <max-terms>
      max-terms
    </max-terms>
    <max-term-percentage>
      max-term-percentage

```

```
</max-term-percentage>
</fast-update-filters-entry>
</pgcpd-active-configuration>
```

Description Firewall filters limitation

<fast-update-filters-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <fast-update-filters-entry>
    <max-terms>
      max-terms
    </max-terms>
    <max-term-percentage>
      max-term-percentage
    </max-term-percentage>
  </fast-update-filters-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description Firewall filters limitation

<fast-update-filters-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <fast-update-filters-entry>
      <max-terms>
        max-terms
      </max-terms>
      <max-term-percentage>
        max-term-percentage
      </max-term-percentage>
    </fast-update-filters-entry>
  </gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```

Description Firewall filters limitation

<fast-update-filters-entry>

Usage

```
<service-pgcp-statistics-gateway>
<gateway-entry>
  <fast-update-filters-entry>
    <max-terms>
```

```

        max-terms
      </max-terms>
    <max-term-percentage>
      max-term-percentage
    </max-term-percentage>
  </fast-update-filters-entry>
</gateway-entry>
</service-pgcp-statistics-gateway>

```

Description Firewall filters limitation

<fast-update-filters-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <fast-update-filters-entry>
      <max-terms>
        max-terms
      </max-terms>
      <max-term-percentage>
        max-term-percentage
      </max-term-percentage>
    </fast-update-filters-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

Description Firewall filters limitation

<fast-update-filters-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <fast-update-filters-entry>
      <max-terms>
        max-terms
      </max-terms>
      <max-term-percentage>
        max-term-percentage
      </max-term-percentage>
    </fast-update-filters-entry>
  </gateway-entry>
</service-pgcp-gates>

```

Description Firewall filters limitation

<firewall-entry>

Usage

```

<pgcpd-active-configuration>

```

```
<firewall-entry>
  <connection-status>
    connection-status
  </connection-status>
  <number-of-terms>
    number-of-terms
  </number-of-terms>
  <number-of-filters>
    number-of-filters
  </number-of-filters>
</firewall-entry>
</pgcpd-active-configuration>
```

Description

<firewall-entry>

Usage

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <firewall-entry>
      <connection-status>
        connection-status
      </connection-status>
      <number-of-terms>
        number-of-terms
      </number-of-terms>
      <number-of-filters>
        number-of-filters
      </number-of-filters>
    </firewall-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

Description

<flow-analysis-statistics-entry>

Usage

```
<flow-analysis-statistics-entry>
  <num-total-flows-active>
    num-total-flows-active
  </num-total-flows-active>
  <num-total-tcp-flows-active>
    num-total-tcp-flows-active
  </num-total-tcp-flows-active>
  <num-total-udp-flows-active>
    num-total-udp-flows-active
  </num-total-udp-flows-active>
  <num-total-other-flows-active>
    num-total-other-flows-active
  </num-total-other-flows-active>
  <num-created-flows-per-sec>
    num-created-flows-per-sec
```

```

</num-created-flows-per-sec>
<num-deleted-flows-per-sec>
  num-deleted-flows-per-sec
</num-deleted-flows-per-sec>
<peak-total-flows-active>
  peak-total-flows-active
</peak-total-flows-active>
<peak-total-tcp-flows-active>
  peak-total-tcp-flows-active
</peak-total-tcp-flows-active>
<peak-total-udp-flows-active>
  peak-total-udp-flows-active
</peak-total-udp-flows-active>
<peak-total-other-flows-active>
  peak-total-other-flows-active
</peak-total-other-flows-active>
<peak-created-flows-per-second>
  peak-created-flows-per-second
</peak-created-flows-per-second>
<peak-deleted-flows-per-second>
  peak-deleted-flows-per-second
</peak-deleted-flows-per-second>
<cul-mov-avg-tcp-flow-lifetime>
  cul-mov-avg-tcp-flow-lifetime
</cul-mov-avg-tcp-flow-lifetime>
<cul-mov-avg-udp-flow-lifetime>
  cul-mov-avg-udp-flow-lifetime
</cul-mov-avg-udp-flow-lifetime>
<cul-mov-avg-http-flow-lifetime>
  cul-mov-avg-http-flow-lifetime
</cul-mov-avg-http-flow-lifetime>
</flow-analysis-statistics-entry>

```

Description Flow Analysis Statistics

<flow-analysis-statistics-entry>

Usage

```

<service-flow-analysis-information>
  <flow-analysis-statistics-entry>
    <num-total-flows-active>
      num-total-flows-active
    </num-total-flows-active>
    <num-total-tcp-flows-active>
      num-total-tcp-flows-active
    </num-total-tcp-flows-active>
    <num-total-udp-flows-active>
      num-total-udp-flows-active
    </num-total-udp-flows-active>
    <num-total-other-flows-active>
      num-total-other-flows-active
    </num-total-other-flows-active>
    <num-created-flows-per-sec>
      num-created-flows-per-sec

```

```
</num-created-flows-per-sec>
<num-deleted-flows-per-sec>
  num-deleted-flows-per-sec
</num-deleted-flows-per-sec>
<peak-total-flows-active>
  peak-total-flows-active
</peak-total-flows-active>
<peak-total-tcp-flows-active>
  peak-total-tcp-flows-active
</peak-total-tcp-flows-active>
<peak-total-udp-flows-active>
  peak-total-udp-flows-active
</peak-total-udp-flows-active>
<peak-total-other-flows-active>
  peak-total-other-flows-active
</peak-total-other-flows-active>
<peak-created-flows-per-second>
  peak-created-flows-per-second
</peak-created-flows-per-second>
<peak-deleted-flows-per-second>
  peak-deleted-flows-per-second
</peak-deleted-flows-per-second>
<cul-mov-avg-tcp-flow-lifetime>
  cul-mov-avg-tcp-flow-lifetime
</cul-mov-avg-tcp-flow-lifetime>
<cul-mov-avg-udp-flow-lifetime>
  cul-mov-avg-udp-flow-lifetime
</cul-mov-avg-udp-flow-lifetime>
<cul-mov-avg-http-flow-lifetime>
  cul-mov-avg-http-flow-lifetime
</cul-mov-avg-http-flow-lifetime>
</flow-analysis-statistics-entry>
</service-flow-analysis-information>
```

Description Flow Analysis Statistics

<flow-analysis-statistics-pic-info>

Usage

```
<flow-analysis-statistics-pic-info>
  <pic-name>
    pic-name
  </pic-name>
</flow-analysis-statistics-pic-info>
```

Description

<flow-analysis-statistics-pic-info>

Usage

```
<service-flow-analysis-information>
  <flow-analysis-statistics-pic-info>
    <pic-name>
      pic-name
    </pic-name>
  </flow-analysis-statistics-pic-info>
</service-flow-analysis-information>
```

```

    </pic-name>
  </flow-analysis-statistics-pic-info>
</service-flow-analysis-information>

```

Description

<flow-analysis-statistics-pic-info>

Usage

```

<service-software-6rd-statistics-information>
  <flow-analysis-statistics-pic-info>
    <pic-name>
      pic-name
    </pic-name>
  </flow-analysis-statistics-pic-info>
</service-software-6rd-statistics-information>

```

Description

<flow-analysis-statistics-pic-info>

Usage

```

<service-software-dslite-statistics-information>
  <flow-analysis-statistics-pic-info>
    <pic-name>
      pic-name
    </pic-name>
  </flow-analysis-statistics-pic-info>
</service-software-dslite-statistics-information>

```

Description

<flow-table-statistics>

Usage

```

<flow-table-statistics>
  <interface-name>
    interface-name
  </interface-name>
  <flow-tables>
    flow-tables
  </flow-tables>
  <flow>
    flow
  </flow>
  <flow-peak>
    flow-peak
  </flow-peak>
  <flow-tcp>
    flow-tcp
  </flow-tcp>
  <flow-tcp-peak>
    flow-tcp-peak
  </flow-tcp-peak>

```

```
<flow-udp>
  flow-udp
</flow-udp>
<flow-udp-peak>
  flow-udp-peak
</flow-udp-peak>
<flow-created>
  flow-created
</flow-created>
<flow-freed>
  flow-freed
</flow-freed>
<flow-freed-idle>
  flow-freed-idle
</flow-freed-idle>
<flow-tcp-created>
  flow-tcp-created
</flow-tcp-created>
<flow-tcp-freed>
  flow-tcp-freed
</flow-tcp-freed>
<flow-tcp-freed-idle>
  flow-tcp-freed-idle
</flow-tcp-freed-idle>
<flow-udp-created>
  flow-udp-created
</flow-udp-created>
<flow-udp-freed>
  flow-udp-freed
</flow-udp-freed>
<flow-udp-freed-idle>
  flow-udp-freed-idle
</flow-udp-freed-idle>
<flow-packets-processed>
  flow-packets-processed
</flow-packets-processed>
<flow-packets-errored>
  flow-packets-errored
</flow-packets-errored>
<flow-bytes-processed>
  flow-bytes-processed
</flow-bytes-processed>
<flow-byte-errored>
  flow-byte-errored
</flow-byte-errored>
<flow-tcp-packets-processed>
  flow-tcp-packets-processed
</flow-tcp-packets-processed>
<flow-tcp-packets-errored>
  flow-tcp-packets-errored
</flow-tcp-packets-errored>
<flow-tcp-packets-errored-bad-flow>
  flow-tcp-packets-errored-bad-flow
</flow-tcp-packets-errored-bad-flow>
<flow-tcp-bytes-processed>
  flow-tcp-bytes-processed
```



```

</flow-tcp-bytes-processed>
<flow-tcp-bytes-errored>
  flow-tcp-bytes-errored
</flow-tcp-bytes-errored>
<flow-udp-packets-processed>
  flow-udp-packets-processed
</flow-udp-packets-processed>
<flow-udp-packets-errored>
  flow-udp-packets-errored
</flow-udp-packets-errored>
<flow-udp-packets-errored-bad-flow>
  flow-udp-packets-errored-bad-flow
</flow-udp-packets-errored-bad-flow>
<flow-udp-bytes-processed>
  flow-udp-bytes-processed
</flow-udp-bytes-processed>
<flow-udp-bytes-errored>
  flow-udp-bytes-errored
</flow-udp-bytes-errored>
<flow-icmp-packets-processed>
  flow-icmp-packets-processed
</flow-icmp-packets-processed>
<flow-icmp-packets-errored>
  flow-icmp-packets-errored
</flow-icmp-packets-errored>
<flow-icmp-packets-errored-bad-flow>
  flow-icmp-packets-errored-bad-flow
</flow-icmp-packets-errored-bad-flow>
<flow-icmp-bytes-processed>
  flow-icmp-bytes-processed
</flow-icmp-bytes-processed>
<flow-icmp-bytes-errored>
  flow-icmp-bytes-errored
</flow-icmp-bytes-errored>
</flow-table-statistics>

```

Description Statistics for one or more flow tables

<flow-table-statistics>

Usage

```

<flow-table-statistics-information>
  <flow-table-statistics>
    <interface-name>
      interface-name
    </interface-name>
    <flow-tables>
      flow-tables
    </flow-tables>
    <flow>
      flow
    </flow>
    <flow-peak>
      flow-peak

```

```
</flow-peak>
<flow-tcp>
  flow-tcp
</flow-tcp>
<flow-tcp-peak>
  flow-tcp-peak
</flow-tcp-peak>
<flow-udp>
  flow-udp
</flow-udp>
<flow-udp-peak>
  flow-udp-peak
</flow-udp-peak>
<flow-created>
  flow-created
</flow-created>
<flow-freed>
  flow-freed
</flow-freed>
<flow-freed-idle>
  flow-freed-idle
</flow-freed-idle>
<flow-tcp-created>
  flow-tcp-created
</flow-tcp-created>
<flow-tcp-freed>
  flow-tcp-freed
</flow-tcp-freed>
<flow-tcp-freed-idle>
  flow-tcp-freed-idle
</flow-tcp-freed-idle>
<flow-udp-created>
  flow-udp-created
</flow-udp-created>
<flow-udp-freed>
  flow-udp-freed
</flow-udp-freed>
<flow-udp-freed-idle>
  flow-udp-freed-idle
</flow-udp-freed-idle>
<flow-packets-processed>
  flow-packets-processed
</flow-packets-processed>
<flow-packets-errored>
  flow-packets-errored
</flow-packets-errored>
<flow-bytes-processed>
  flow-bytes-processed
</flow-bytes-processed>
<flow-byte-errored>
  flow-byte-errored
</flow-byte-errored>
<flow-tcp-packets-processed>
  flow-tcp-packets-processed
</flow-tcp-packets-processed>
<flow-tcp-packets-errored>
```

```

    flow-tcp-packets-errored
  </flow-tcp-packets-errored>
  <flow-tcp-packets-errored-bad-flow>
    flow-tcp-packets-errored-bad-flow
  </flow-tcp-packets-errored-bad-flow>
  <flow-tcp-bytes-processed>
    flow-tcp-bytes-processed
  </flow-tcp-bytes-processed>
  <flow-tcp-bytes-errored>
    flow-tcp-bytes-errored
  </flow-tcp-bytes-errored>
  <flow-udp-packets-processed>
    flow-udp-packets-processed
  </flow-udp-packets-processed>
  <flow-udp-packets-errored>
    flow-udp-packets-errored
  </flow-udp-packets-errored>
  <flow-udp-packets-errored-bad-flow>
    flow-udp-packets-errored-bad-flow
  </flow-udp-packets-errored-bad-flow>
  <flow-udp-bytes-processed>
    flow-udp-bytes-processed
  </flow-udp-bytes-processed>
  <flow-udp-bytes-errored>
    flow-udp-bytes-errored
  </flow-udp-bytes-errored>
  <flow-icmp-packets-processed>
    flow-icmp-packets-processed
  </flow-icmp-packets-processed>
  <flow-icmp-packets-errored>
    flow-icmp-packets-errored
  </flow-icmp-packets-errored>
  <flow-icmp-packets-errored-bad-flow>
    flow-icmp-packets-errored-bad-flow
  </flow-icmp-packets-errored-bad-flow>
  <flow-icmp-bytes-processed>
    flow-icmp-bytes-processed
  </flow-icmp-bytes-processed>
  <flow-icmp-bytes-errored>
    flow-icmp-bytes-errored
  </flow-icmp-bytes-errored>
</flow-table-statistics>
</flow-table-statistics-information>

```

Description Statistics for one or more flow tables

<flow-table-statistics-information>

Usage

```

<flow-table-statistics-information>
  <flow-table-statistics>....</flow-table-statistics>
</flow-table-statistics-information>

```

Description**<fragmenter-entries>****Usage**

```
<lsqinfo-cpu-usage-information>
  <fragmenter-entries>
    <fragmenter-entry>....</fragmenter-entry>
  </fragmenter-entries>
</lsqinfo-cpu-usage-information>
```

Description**<fragmenter-entry>****Usage**

```
<lsqinfo-cpu-usage-information>
  <fragmenter-entries>
    <fragmenter-entry>
      <cpu-name>
        cpu-name
      </cpu-name>
      <idle>
        idle
      </idle>
      <timer>
        timer
      </timer>
      <system>
        system
      </system>
      <freeback>
        freeback
      </freeback>
      <drop>
        drop
      </drop>
      <fragmentation>
        fragmentation
      </fragmentation>
      <reassembly>
        reassembly
      </reassembly>
    </fragmenter-entry>
  </fragmenter-entries>
</lsqinfo-cpu-usage-information>
```

Description Fragmentation CPU usage information

<gate-fuf-statistics-information>**Usage**

```
<gate-fuf-statistics-information>
  <gate-fuf-policer-drop-count>
```

```

    gate-fuf-policer-drop-count
  </gate-fuf-policer-drop-count>
</gate-fuf-statistics-information>

```

Description FUF statistics

<gate-fuf-statistics-information>

Usage

```

<service-pgcp-gate-entry-information>
  <gate-fuf-statistics-information>
    <gate-fuf-policer-drop-count>
      gate-fuf-policer-drop-count
    </gate-fuf-policer-drop-count>
  </gate-fuf-statistics-information>
</service-pgcp-gate-entry-information>

```

Description FUF statistics

<gate-fuf-statistics-information>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-fuf-statistics-information>
      <gate-fuf-policer-drop-count>
        gate-fuf-policer-drop-count
      </gate-fuf-policer-drop-count>
    </gate-fuf-statistics-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

Description FUF statistics

<gate-rtcp-extended-burst-metrics-report>

Usage

```

<gate-rtcp-extended-information>
  <gate-rtcp-extended-burst-metrics-report>
    <minimum-gap-threshold>
      minimum-gap-threshold
    </minimum-gap-threshold>
    <burst-loss-density>
      burst-loss-density
    </burst-loss-density>
    <burst-duration>
      burst-duration
    </burst-duration>
    <gap-loss-density>
      gap-loss-density
    </gap-loss-density>
  </gate-rtcp-extended-burst-metrics-report>
</gate-rtcp-extended-information>

```

```
<gap-duration>
  gap-duration
</gap-duration>
</gate-rtcp-extended-burst-metrics-report>
</gate-rtcp-extended-information>
```

Description

<gate-rtcp-extended-burst-metrics-report>

Usage

```
<gate-rtcp-information>
  <gate-rtcp-extended-information>
    <gate-rtcp-extended-burst-metrics-report>
      <minimum-gap-threshold>
        minimum-gap-threshold
      </minimum-gap-threshold>
      <burst-loss-density>
        burst-loss-density
      </burst-loss-density>
      <burst-duration>
        burst-duration
      </burst-duration>
      <gap-loss-density>
        gap-loss-density
      </gap-loss-density>
      <gap-duration>
        gap-duration
      </gap-duration>
    </gate-rtcp-extended-burst-metrics-report>
  </gate-rtcp-extended-information>
</gate-rtcp-information>
```

Description

<gate-rtcp-extended-burst-metrics-report>

Usage

```
<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-extended-information>
      <gate-rtcp-extended-burst-metrics-report>
        <minimum-gap-threshold>
          minimum-gap-threshold
        </minimum-gap-threshold>
        <burst-loss-density>
          burst-loss-density
        </burst-loss-density>
        <burst-duration>
          burst-duration
        </burst-duration>
        <gap-loss-density>
          gap-loss-density
        </gap-loss-density>
```

```

    <gap-duration>
      gap-duration
    </gap-duration>
  </gate-rtcp-extended-burst-metrics-report>
</gate-rtcp-extended-information>
</gate-rtcp-information>
</service-pgcp-gate-entry-information>

```

Description

<gate-rtcp-extended-burst-metrics-report>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-extended-information>
        <gate-rtcp-extended-burst-metrics-report>
          <minimum-gap-threshold>
            minimum-gap-threshold
          </minimum-gap-threshold>
          <burst-loss-density>
            burst-loss-density
          </burst-loss-density>
          <burst-duration>
            burst-duration
          </burst-duration>
          <gap-loss-density>
            gap-loss-density
          </gap-loss-density>
          <gap-duration>
            gap-duration
          </gap-duration>
        </gate-rtcp-extended-burst-metrics-report>
      </gate-rtcp-extended-information>
    </gate-rtcp-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

Description

<gate-rtcp-extended-information>

Usage

```

  <gate-rtcp-extended-information>
    <gate-rtcp-extended-report>....</gate-rtcp-extended-report>

    <gate-rtcp-extended-burst-metrics-report>....</gate-rtcp-extended-burst-metrics-report>

  </gate-rtcp-extended-information>

```

Description RTCP extended report

<gate-rtcp-extended-information>

Usage

```
<gate-rtcp-information>
  <gate-rtcp-extended-information>
    <gate-rtcp-extended-report>....</gate-rtcp-extended-report>

    <gate-rtcp-extended-burst-metrics-report>....</gate-rtcp-extended-burst-metrics-report>

  </gate-rtcp-extended-information>
</gate-rtcp-information>
```

Description RTCP extended report

<gate-rtcp-extended-information>

Usage

```
<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-extended-information>
      <gate-rtcp-extended-report>....</gate-rtcp-extended-report>

      <gate-rtcp-extended-burst-metrics-report>....</gate-rtcp-extended-burst-metrics-report>

    </gate-rtcp-extended-information>
  </gate-rtcp-information>
</service-pgcp-gate-entry-information>
```

Description RTCP extended report

<gate-rtcp-extended-information>

Usage

```
<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-extended-information>
        <gate-rtcp-extended-report>....</gate-rtcp-extended-report>

        <gate-rtcp-extended-burst-metrics-report>....</gate-rtcp-extended-burst-metrics-report>

      </gate-rtcp-extended-information>
    </gate-rtcp-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description RTCP extended report

<gate-rtcp-extended-report>

Usage

```

<gate-rtcp-extended-information>
  <gate-rtcp-extended-report>
    <rtcp-xr-ssrc>
      rtcp-xr-ssrc
    </rtcp-xr-ssrc>
    <packet-loss-concealment-type>
      packet-loss-concealment-type
    </packet-loss-concealment-type>
    <network-packet-loss-rate>
      network-packet-loss-rate
    </network-packet-loss-rate>
    <jitter-buffer-discard-rate>
      jitter-buffer-discard-rate
    </jitter-buffer-discard-rate>
    <rtcp-round-trip-delay>
      rtcp-round-trip-delay
    </rtcp-round-trip-delay>
    <end-system-delay>
      end-system-delay
    </end-system-delay>
    <signal-level>
      signal-level
    </signal-level>
    <noise-level>
      noise-level
    </noise-level>
    <residual-echo-return-loss>
      residual-echo-return-loss
    </residual-echo-return-loss>
    <r-factor>
      r-factor
    </r-factor>
    <external-r-factor>
      external-r-factor
    </external-r-factor>
    <estimated-moslq>
      estimated-moslq
    </estimated-moslq>
    <estimated-moscq>
      estimated-moscq
    </estimated-moscq>
  </gate-rtcp-extended-report>
</gate-rtcp-extended-information>

```

Description

<gate-rtcp-extended-report>

Usage

```

<gate-rtcp-information>
  <gate-rtcp-extended-information>
    <gate-rtcp-extended-report>

```

```
<rtcp-xr-ssrc>
  rtcp-xr-ssrc
</rtcp-xr-ssrc>
<packet-loss-concealment-type>
  packet-loss-concealment-type
</packet-loss-concealment-type>
<network-packet-loss-rate>
  network-packet-loss-rate
</network-packet-loss-rate>
<jitter-buffer-discard-rate>
  jitter-buffer-discard-rate
</jitter-buffer-discard-rate>
<rtcp-round-trip-delay>
  rtcp-round-trip-delay
</rtcp-round-trip-delay>
<end-system-delay>
  end-system-delay
</end-system-delay>
<signal-level>
  signal-level
</signal-level>
<noise-level>
  noise-level
</noise-level>
<residual-echo-return-loss>
  residual-echo-return-loss
</residual-echo-return-loss>
<r-factor>
  r-factor
</r-factor>
<external-r-factor>
  external-r-factor
</external-r-factor>
<estimated-moslq>
  estimated-moslq
</estimated-moslq>
<estimated-moscq>
  estimated-moscq
</estimated-moscq>
</gate-rtcp-extended-report>
</gate-rtcp-extended-information>
</gate-rtcp-information>
```

Description

<gate-rtcp-extended-report>

Usage

```
<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-extended-information>
      <gate-rtcp-extended-report>
        <rtcp-xr-ssrc>
          rtcp-xr-ssrc
        </rtcp-xr-ssrc>
```

```

    <packet-loss-concealment-type>
      packet-loss-concealment-type
    </packet-loss-concealment-type>
    <network-packet-loss-rate>
      network-packet-loss-rate
    </network-packet-loss-rate>
    <jitter-buffer-discard-rate>
      jitter-buffer-discard-rate
    </jitter-buffer-discard-rate>
    <rtcp-round-trip-delay>
      rtcp-round-trip-delay
    </rtcp-round-trip-delay>
    <end-system-delay>
      end-system-delay
    </end-system-delay>
    <signal-level>
      signal-level
    </signal-level>
    <noise-level>
      noise-level
    </noise-level>
    <residual-echo-return-loss>
      residual-echo-return-loss
    </residual-echo-return-loss>
    <r-factor>
      r-factor
    </r-factor>
    <external-r-factor>
      external-r-factor
    </external-r-factor>
    <estimated-moslq>
      estimated-moslq
    </estimated-moslq>
    <estimated-moscq>
      estimated-moscq
    </estimated-moscq>
  </gate-rtcp-extended-report>
</gate-rtcp-extended-information>
</gate-rtcp-information>
</service-pgcp-gate-entry-information>

```

Description

<gate-rtcp-extended-report>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-extended-information>
        <gate-rtcp-extended-report>
          <rtcp-xr-ssrc>
            rtcp-xr-ssrc
          </rtcp-xr-ssrc>
          <packet-loss-concealment-type>

```

```
    packet-loss-concealment-type
  </packet-loss-concealment-type>
  <network-packet-loss-rate>
    network-packet-loss-rate
  </network-packet-loss-rate>
  <jitter-buffer-discard-rate>
    jitter-buffer-discard-rate
  </jitter-buffer-discard-rate>
  <rtcp-round-trip-delay>
    rtcp-round-trip-delay
  </rtcp-round-trip-delay>
  <end-system-delay>
    end-system-delay
  </end-system-delay>
  <signal-level>
    signal-level
  </signal-level>
  <noise-level>
    noise-level
  </noise-level>
  <residual-echo-return-loss>
    residual-echo-return-loss
  </residual-echo-return-loss>
  <r-factor>
    r-factor
  </r-factor>
  <external-r-factor>
    external-r-factor
  </external-r-factor>
  <estimated-moslq>
    estimated-moslq
  </estimated-moslq>
  <estimated-moscq>
    estimated-moscq
  </estimated-moscq>
  </gate-rtcp-extended-report>
</gate-rtcp-extended-information>
</gate-rtcp-information>
</service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description

<gate-rtcp-information>

Usage

```
<gate-rtcp-information>
  <gate-rtcp-sender-information>....</gate-rtcp-sender-information>
  <gate-rtcp-receiver-information>....</gate-rtcp-receiver-information>
  <gate-rtcp-extended-information>....</gate-rtcp-extended-information>
</gate-rtcp-information>
```

Description

<gate-rtcp-information>

Usage

```

<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-sender-information>....</gate-rtcp-sender-information>
    <gate-rtcp-receiver-information>....</gate-rtcp-receiver-information>
    <gate-rtcp-extended-information>....</gate-rtcp-extended-information>
  </gate-rtcp-information>
</service-pgcp-gate-entry-information>

```

Description

<gate-rtcp-information>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-sender-information>....</gate-rtcp-sender-information>
      <gate-rtcp-receiver-information>....</gate-rtcp-receiver-information>
      <gate-rtcp-extended-information>....</gate-rtcp-extended-information>
    </gate-rtcp-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

Description

<gate-rtcp-receiver-entry>

Usage

```

<gate-rtcp-receiver-information>
  <gate-rtcp-receiver-entry>
    <gate-rtcp-received-ssrc>
      gate-rtcp-received-ssrc
    </gate-rtcp-received-ssrc>
    <gate-rtcp-receiver-lost-pkts>
      gate-rtcp-receiver-lost-pkts
    </gate-rtcp-receiver-lost-pkts>
    <gate-rtcp-receiver-lost-pkt-fraction>
      gate-rtcp-receiver-lost-pkt-fraction
    </gate-rtcp-receiver-lost-pkt-fraction>
    <gate-rtcp-receiver-jitter>
      gate-rtcp-receiver-jitter
    </gate-rtcp-receiver-jitter>
  </gate-rtcp-receiver-entry>
</gate-rtcp-receiver-information>

```

Description

<gate-rtcp-receiver-entry>

Usage

```
<gate-rtcp-information>
  <gate-rtcp-receiver-information>
    <gate-rtcp-receiver-entry>
      <gate-rtcp-received-ssrc>
        gate-rtcp-received-ssrc
      </gate-rtcp-received-ssrc>
      <gate-rtcp-receiver-lost-pkts>
        gate-rtcp-receiver-lost-pkts
      </gate-rtcp-receiver-lost-pkts>
      <gate-rtcp-receiver-lost-pkt-fraction>
        gate-rtcp-receiver-lost-pkt-fraction
      </gate-rtcp-receiver-lost-pkt-fraction>
      <gate-rtcp-receiver-jitter>
        gate-rtcp-receiver-jitter
      </gate-rtcp-receiver-jitter>
    </gate-rtcp-receiver-entry>
  </gate-rtcp-receiver-information>
</gate-rtcp-information>
```

Description

<gate-rtcp-receiver-entry>

Usage

```
<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-receiver-information>
      <gate-rtcp-receiver-entry>
        <gate-rtcp-received-ssrc>
          gate-rtcp-received-ssrc
        </gate-rtcp-received-ssrc>
        <gate-rtcp-receiver-lost-pkts>
          gate-rtcp-receiver-lost-pkts
        </gate-rtcp-receiver-lost-pkts>
        <gate-rtcp-receiver-lost-pkt-fraction>
          gate-rtcp-receiver-lost-pkt-fraction
        </gate-rtcp-receiver-lost-pkt-fraction>
        <gate-rtcp-receiver-jitter>
          gate-rtcp-receiver-jitter
        </gate-rtcp-receiver-jitter>
      </gate-rtcp-receiver-entry>
    </gate-rtcp-receiver-information>
  </gate-rtcp-information>
</service-pgcp-gate-entry-information>
```

Description

<gate-rtcp-receiver-entry>

Usage

```
<service-pgcp-gates>
```

```

<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-receiver-information>
      <gate-rtcp-receiver-entry>
        <gate-rtcp-received-ssrc>
          gate-rtcp-received-ssrc
        </gate-rtcp-received-ssrc>
        <gate-rtcp-receiver-lost-pkts>
          gate-rtcp-receiver-lost-pkts
        </gate-rtcp-receiver-lost-pkts>
        <gate-rtcp-receiver-lost-pkt-fraction>
          gate-rtcp-receiver-lost-pkt-fraction
        </gate-rtcp-receiver-lost-pkt-fraction>
        <gate-rtcp-receiver-jitter>
          gate-rtcp-receiver-jitter
        </gate-rtcp-receiver-jitter>
      </gate-rtcp-receiver-entry>
    </gate-rtcp-receiver-information>
  </gate-rtcp-information>
</service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

Description**<gate-rtcp-receiver-information>****Usage**

```

<gate-rtcp-receiver-information>
  <gate-rtcp-receiver-entry>....</gate-rtcp-receiver-entry>
</gate-rtcp-receiver-information>

```

Description RTCP receiver reports**<gate-rtcp-receiver-information>****Usage**

```

<gate-rtcp-information>
  <gate-rtcp-receiver-information>
    <gate-rtcp-receiver-entry>....</gate-rtcp-receiver-entry>
  </gate-rtcp-receiver-information>
</gate-rtcp-information>

```

Description RTCP receiver reports**<gate-rtcp-receiver-information>****Usage**

```

<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-receiver-information>
      <gate-rtcp-receiver-entry>....</gate-rtcp-receiver-entry>
    </gate-rtcp-receiver-information>
  </gate-rtcp-information>

```

```
</gate-rtcp-information>
</service-pgcp-gate-entry-information>
```

Description RTCP receiver reports

<gate-rtcp-receiver-information>

Usage

```
<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-receiver-information>
        <gate-rtcp-receiver-entry>....</gate-rtcp-receiver-entry>
      </gate-rtcp-receiver-information>
    </gate-rtcp-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description RTCP receiver reports

<gate-rtcp-sender-information>

Usage

```
<gate-rtcp-sender-information>
  <gate-rtcp-sender-ssrc>
    gate-rtcp-sender-ssrc
  </gate-rtcp-sender-ssrc>
  <gate-rtcp-sender-octets>
    gate-rtcp-sender-octets
  </gate-rtcp-sender-octets>
  <gate-rtcp-sender-pkts>
    gate-rtcp-sender-pkts
  </gate-rtcp-sender-pkts>
  <gate-rtcp-invalid-pkts>
    gate-rtcp-invalid-pkts
  </gate-rtcp-invalid-pkts>
</gate-rtcp-sender-information>
```

Description RTCP statistics

<gate-rtcp-sender-information>

Usage

```
<gate-rtcp-information>
  <gate-rtcp-sender-information>
    <gate-rtcp-sender-ssrc>
      gate-rtcp-sender-ssrc
    </gate-rtcp-sender-ssrc>
    <gate-rtcp-sender-octets>
      gate-rtcp-sender-octets
    </gate-rtcp-sender-octets>
```



```

    <gate-rtcp-sender-pkts>
      gate-rtcp-sender-pkts
    </gate-rtcp-sender-pkts>
    <gate-rtcp-invalid-pkts>
      gate-rtcp-invalid-pkts
    </gate-rtcp-invalid-pkts>
  </gate-rtcp-sender-information>
</gate-rtcp-information>

```

Description RTCP statistics

<gate-rtcp-sender-information>

Usage

```

<service-pgcp-gate-entry-information>
  <gate-rtcp-information>
    <gate-rtcp-sender-information>
      <gate-rtcp-sender-ssrc>
        gate-rtcp-sender-ssrc
      </gate-rtcp-sender-ssrc>
      <gate-rtcp-sender-octets>
        gate-rtcp-sender-octets
      </gate-rtcp-sender-octets>
      <gate-rtcp-sender-pkts>
        gate-rtcp-sender-pkts
      </gate-rtcp-sender-pkts>
      <gate-rtcp-invalid-pkts>
        gate-rtcp-invalid-pkts
      </gate-rtcp-invalid-pkts>
    </gate-rtcp-sender-information>
  </gate-rtcp-information>
</service-pgcp-gate-entry-information>

```

Description RTCP statistics

<gate-rtcp-sender-information>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-rtcp-information>
      <gate-rtcp-sender-information>
        <gate-rtcp-sender-ssrc>
          gate-rtcp-sender-ssrc
        </gate-rtcp-sender-ssrc>
        <gate-rtcp-sender-octets>
          gate-rtcp-sender-octets
        </gate-rtcp-sender-octets>
        <gate-rtcp-sender-pkts>
          gate-rtcp-sender-pkts
        </gate-rtcp-sender-pkts>
        <gate-rtcp-invalid-pkts>
          gate-rtcp-invalid-pkts
      </gate-rtcp-sender-information>
    </gate-rtcp-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

```
</gate-rtcp-invalid-pkts>
</gate-rtcp-sender-information>
</gate-rtcp-information>
</service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description RTCP statistics

<gateway-entry>

Usage

```
<pgcpd-active-configuration>
  <gateway-entry>
    <gateway-name>
      gateway-name
    </gateway-name>
    <local-ip-address>
      local-ip-address
    </local-ip-address>
    <gateway-vrf>
      gateway-vrf
    </gateway-vrf>
    <local-port>
      local-port
    </local-port>
    <platform>
      platform
    </platform>
    <service-state>
      service-state
    </service-state>
    <active-controller>
      active-controller
    </active-controller>
    <replication-socket>
      replication-socket
    </replication-socket>
    <synchronization-state>
      synchronization-state
    </synchronization-state>
    <up-time>
      up-time
    </up-time>
    <load-status>
      load-status
    </load-status>
    <cleanup-timeout>
      cleanup-timeout
    </cleanup-timeout>
    <maximum-concurrent-calls>
      maximum-concurrent-calls
    </maximum-concurrent-calls>
    <inactivity-timeout-delay>
      inactivity-timeout-delay
```

```

</inactivity-timeout-delay>
<inactivity-timeout-duration>
  inactivity-timeout-duration
</inactivity-timeout-duration>
<latch-deadlock-duration>
  latch-deadlock-duration
</latch-deadlock-duration>
<h248-timers-entry>....</h248-timers-entry>
<base-root-entry>....</base-root-entry>
<h248-options-entry>....</h248-options-entry>
<h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>

<h248-diffserv-entry>....</h248-diffserv-entry>
<h248-notification-behavior-entry>....</h248-notification-behavior-entry>

<h248-application-data-inactivity-detection-entry>...</h248-application-data-inactivity-detection-entry>

<h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>

<inactivity-timer-entry>....</inactivity-timer-entry>
<fast-update-filters-entry>....</fast-update-filters-entry>
<controller-entry>....</controller-entry>
<overload-control-entry>....</overload-control-entry>
</gateway-entry>
</pgcpd-active-configuration>

```

Description

<gateway-entry>

Usage

```

<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <gateway-name>
      gateway-name
    </gateway-name>
    <local-ip-address>
      local-ip-address
    </local-ip-address>
    <gateway-vrf>
      gateway-vrf
    </gateway-vrf>
    <local-port>
      local-port
    </local-port>
    <platform>
      platform
    </platform>
    <service-state>
      service-state
    </service-state>
    <active-controller>
      active-controller

```

```

</active-controller>
<replication-socket>
  replication-socket
</replication-socket>
<synchronization-state>
  synchronization-state
</synchronization-state>
<up-time>
  up-time
</up-time>
<load-status>
  load-status
</load-status>
<cleanup-timeout>
  cleanup-timeout
</cleanup-timeout>
<maximum-concurrent-calls>
  maximum-concurrent-calls
</maximum-concurrent-calls>
<inactivity-timeout-delay>
  inactivity-timeout-delay
</inactivity-timeout-delay>
<inactivity-timeout-duration>
  inactivity-timeout-duration
</inactivity-timeout-duration>
<latch-deadlock-duration>
  latch-deadlock-duration
</latch-deadlock-duration>
<h248-timers-entry>....</h248-timers-entry>
<base-root-entry>....</base-root-entry>
<h248-options-entry>....</h248-options-entry>

<h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>
<h248-diffserv-entry>....</h248-diffserv-entry>
<h248-notification-behavior-entry>....</h248-notification-behavior-entry>

<h248-application-data-inactivity-detection-entry>...</h248-application-data-inactivity-detection-entry>

<h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>

  <inactivity-timer-entry>....</inactivity-timer-entry>
  <fast-update-filters-entry>....</fast-update-filters-entry>
  <controller-entry>....</controller-entry>
  <overload-control-entry>....</overload-control-entry>
</gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>

```

Description

<gateway-entry>

Usage

<service-pgcp-statistics-gateway>

```

<gateway-entry>
  <gateway-name>
    gateway-name
  </gateway-name>
  <local-ip-address>
    local-ip-address
  </local-ip-address>
  <gateway-vrf>
    gateway-vrf
  </gateway-vrf>
  <local-port>
    local-port
  </local-port>
  <platform>
    platform
  </platform>
  <service-state>
    service-state
  </service-state>
  <active-controller>
    active-controller
  </active-controller>
  <replication-socket>
    replication-socket
  </replication-socket>
  <synchronization-state>
    synchronization-state
  </synchronization-state>
  <up-time>
    up-time
  </up-time>
  <load-status>
    load-status
  </load-status>
  <cleanup-timeout>
    cleanup-timeout
  </cleanup-timeout>
  <maximum-concurrent-calls>
    maximum-concurrent-calls
  </maximum-concurrent-calls>
  <inactivity-timeout-delay>
    inactivity-timeout-delay
  </inactivity-timeout-delay>
  <inactivity-timeout-duration>
    inactivity-timeout-duration
  </inactivity-timeout-duration>
  <latch-deadlock-duration>
    latch-deadlock-duration
  </latch-deadlock-duration>
  <h248-timers-entry>....</h248-timers-entry>
  <base-root-entry>....</base-root-entry>
  <h248-options-entry>....</h248-options-entry>
  <h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>

  <h248-diffserv-entry>....</h248-diffserv-entry>
  <h248-notification-behavior-entry>....</h248-notification-behavior-entry>

```

```
<h248-application-data-inactivity-detection-entry>...</h248-application-data-inactivity-detection-entry>
```

```
<h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>
```

```

    <inactivity-timer-entry>....</inactivity-timer-entry>
    <fast-update-filters-entry>....</fast-update-filters-entry>
    <controller-entry>....</controller-entry>
    <overload-control-entry>....</overload-control-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

Description

<gateway-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <gateway-name>
      gateway-name
    </gateway-name>
    <local-ip-address>
      local-ip-address
    </local-ip-address>
    <gateway-vrf>
      gateway-vrf
    </gateway-vrf>
    <local-port>
      local-port
    </local-port>
    <platform>
      platform
    </platform>
    <service-state>
      service-state
    </service-state>
    <active-controller>
      active-controller
    </active-controller>
    <replication-socket>
      replication-socket
    </replication-socket>
    <synchronization-state>
      synchronization-state
    </synchronization-state>
    <up-time>
      up-time
    </up-time>
    <load-status>
      load-status
    </load-status>
    <cleanup-timeout>
      cleanup-timeout
  </gateway-entry>
</service-pgcp-terminations>

```

```

</cleanup-timeout>
<maximum-concurrent-calls>
  maximum-concurrent-calls
</maximum-concurrent-calls>
<inactivity-timeout-delay>
  inactivity-timeout-delay
</inactivity-timeout-delay>
<inactivity-timeout-duration>
  inactivity-timeout-duration
</inactivity-timeout-duration>
<latch-deadlock-duration>
  latch-deadlock-duration
</latch-deadlock-duration>
<h248-timers-entry>....</h248-timers-entry>
<base-root-entry>....</base-root-entry>
<h248-options-entry>....</h248-options-entry>
<h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>

<h248-diffserv-entry>....</h248-diffserv-entry>
<h248-notification-behavior-entry>....</h248-notification-behavior-entry>

<h248-application-data-inactivity-detection-entry>...</h248-application-data-inactivity-detection-entry>

<h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>

<inactivity-timer-entry>....</inactivity-timer-entry>
<fast-update-filters-entry>....</fast-update-filters-entry>
<controller-entry>....</controller-entry>
<overload-control-entry>....</overload-control-entry>
</gateway-entry>
</service-pgcp-terminations>

```

Description

<gateway-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <gateway-name>
      gateway-name
    </gateway-name>
    <local-ip-address>
      local-ip-address
    </local-ip-address>
    <gateway-vrf>
      gateway-vrf
    </gateway-vrf>
    <local-port>
      local-port
    </local-port>
    <platform>
      platform
    </platform>
  </gateway-entry>
</service-pgcp-gates>

```

```

    <service-state>
      service-state
    </service-state>
    <active-controller>
      active-controller
    </active-controller>
    <replication-socket>
      replication-socket
    </replication-socket>
    <synchronization-state>
      synchronization-state
    </synchronization-state>
    <up-time>
      up-time
    </up-time>
    <load-status>
      load-status
    </load-status>
    <cleanup-timeout>
      cleanup-timeout
    </cleanup-timeout>
    <maximum-concurrent-calls>
      maximum-concurrent-calls
    </maximum-concurrent-calls>
    <inactivity-timeout-delay>
      inactivity-timeout-delay
    </inactivity-timeout-delay>
    <inactivity-timeout-duration>
      inactivity-timeout-duration
    </inactivity-timeout-duration>
    <latch-deadlock-duration>
      latch-deadlock-duration
    </latch-deadlock-duration>
    <h248-timers-entry>....</h248-timers-entry>
    <base-root-entry>....</base-root-entry>
    <h248-options-entry>....</h248-options-entry>
    <h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>

    <h248-diffserv-entry>....</h248-diffserv-entry>
    <h248-notification-behavior-entry>....</h248-notification-behavior-entry>

    <h248-application-data-inactivity-detection-entry>....</h248-application-data-inactivity-detection-entry>

    <h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>

    <inactivity-timer-entry>....</inactivity-timer-entry>
    <fast-update-filters-entry>....</fast-update-filters-entry>
    <controller-entry>....</controller-entry>
    <overload-control-entry>....</overload-control-entry>
  </gateway-entry>
</service-pgcp-gates>

```

Description

<h248-application-data-inactivity-detection-entry>**Usage**

```

<pgcpd-active-configuration>
  <h248-application-data-inactivity-detection-entry>
    <ip-flow-stop-detection>
      ip-flow-stop-detection
    </ip-flow-stop-detection>
  </h248-application-data-inactivity-detection-entry>
</pgcpd-active-configuration>

```

Description**<h248-application-data-inactivity-detection-entry>****Usage**

```

<pgcpd-active-configuration>
  <gateway-entry>
    <h248-application-data-inactivity-detection-entry>
      <ip-flow-stop-detection>
        ip-flow-stop-detection
      </ip-flow-stop-detection>
    </h248-application-data-inactivity-detection-entry>
  </gateway-entry>
</pgcpd-active-configuration>

```

Description**<h248-application-data-inactivity-detection-entry>****Usage**

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <h248-application-data-inactivity-detection-entry>
        <ip-flow-stop-detection>
          ip-flow-stop-detection
        </ip-flow-stop-detection>
      </h248-application-data-inactivity-detection-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description**<h248-application-data-inactivity-detection-entry>****Usage**

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <h248-application-data-inactivity-detection-entry>
      <ip-flow-stop-detection>
        ip-flow-stop-detection
      </ip-flow-stop-detection>
    </h248-application-data-inactivity-detection-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

```
</ip-flow-stop-detection>
</h248-application-data-inactivity-detection-entry>
</gateway-entry>
</service-pgcp-statistics-gateway>
```

Description

<h248-application-data-inactivity-detection-entry>

Usage

```
<service-pgcp-terminations>
  <gateway-entry>
    <h248-application-data-inactivity-detection-entry>
      <ip-flow-stop-detection>
        ip-flow-stop-detection
      </ip-flow-stop-detection>
    </h248-application-data-inactivity-detection-entry>
  </gateway-entry>
</service-pgcp-terminations>
```

Description

<h248-application-data-inactivity-detection-entry>

Usage

```
<service-pgcp-gates>
  <gateway-entry>
    <h248-application-data-inactivity-detection-entry>
      <ip-flow-stop-detection>
        ip-flow-stop-detection
      </ip-flow-stop-detection>
    </h248-application-data-inactivity-detection-entry>
  </gateway-entry>
</service-pgcp-gates>
```

Description

<h248-diffserv-entry>

Usage

```
<pgcpd-active-configuration>
  <h248-diffserv-entry>
    <dscp>
      dscp
    </dscp>
  </h248-diffserv-entry>
</pgcpd-active-configuration>
```

Description

<h248-diffserv-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <h248-diffserv-entry>
    <dscp>
      dscp
    </dscp>
  </h248-diffserv-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description

<h248-diffserv-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <h248-diffserv-entry>
      <dscp>
        dscp
      </dscp>
    </h248-diffserv-entry>
  </gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```

Description

<h248-diffserv-entry>

Usage

```
<service-pgcp-statistics-gateway>
<gateway-entry>
  <h248-diffserv-entry>
    <dscp>
      dscp
    </dscp>
  </h248-diffserv-entry>
</gateway-entry>
</service-pgcp-statistics-gateway>
```

Description

<h248-diffserv-entry>

Usage

```
<service-pgcp-terminations>
<gateway-entry>
  <h248-diffserv-entry>
```

```
<dscp>
  dscp
</dscp>
</h248-diffserv-entry>
</gateway-entry>
</service-pgcp-terminations>
```

Description

<h248-diffserv-entry>

Usage

```
<service-pgcp-gates>
  <gateway-entry>
    <h248-diffserv-entry>
      <dscp>
        dscp
      </dscp>
    </h248-diffserv-entry>
  </gateway-entry>
</service-pgcp-gates>
```

Description

<h248-event-timestamp-notification-entry>

Usage

```
<pgcpd-active-configuration>
  <h248-event-timestamp-notification-entry>
    <requested-timestamp>
      requested-timestamp
    </requested-timestamp>
  </h248-event-timestamp-notification-entry>
</pgcpd-active-configuration>
```

Description

<h248-event-timestamp-notification-entry>

Usage

```
<pgcpd-active-configuration>
  <gateway-entry>
    <h248-event-timestamp-notification-entry>
      <requested-timestamp>
        requested-timestamp
      </requested-timestamp>
    </h248-event-timestamp-notification-entry>
  </gateway-entry>
</pgcpd-active-configuration>
```

Description

<h248-event-timestamp-notification-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <h248-event-timestamp-notification-entry>
        <requested-timestamp>
          requested-timestamp
        </requested-timestamp>
      </h248-event-timestamp-notification-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<h248-event-timestamp-notification-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <h248-event-timestamp-notification-entry>
      <requested-timestamp>
        requested-timestamp
      </requested-timestamp>
    </h248-event-timestamp-notification-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

Description

<h248-event-timestamp-notification-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <h248-event-timestamp-notification-entry>
      <requested-timestamp>
        requested-timestamp
      </requested-timestamp>
    </h248-event-timestamp-notification-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

Description

<h248-event-timestamp-notification-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <h248-event-timestamp-notification-entry>

```

```
<requested-timestamp>
  requested-timestamp
</requested-timestamp>
</h248-event-timestamp-notification-entry>
</gateway-entry>
</service-pgcp-gates>
```

Description

<h248-notification-behavior-entry>

Usage

```
<pgcpd-active-configuration>
  <h248-notification-behavior-entry>
    <notification-regulation>
      notification-regulation
    </notification-regulation>
  </h248-notification-behavior-entry>
</pgcpd-active-configuration>
```

Description

<h248-notification-behavior-entry>

Usage

```
<pgcpd-active-configuration>
  <gateway-entry>
    <h248-notification-behavior-entry>
      <notification-regulation>
        notification-regulation
      </notification-regulation>
    </h248-notification-behavior-entry>
  </gateway-entry>
</pgcpd-active-configuration>
```

Description

<h248-notification-behavior-entry>

Usage

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <h248-notification-behavior-entry>
        <notification-regulation>
          notification-regulation
        </notification-regulation>
      </h248-notification-behavior-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

Description**<h248-notification-behavior-entry>****Usage**

```
<service-pgcp-statistics-gateway>
  <gateway-entry>
    <h248-notification-behavior-entry>
      <notification-regulation>
        notification-regulation
      </notification-regulation>
    </h248-notification-behavior-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>
```

Description**<h248-notification-behavior-entry>****Usage**

```
<service-pgcp-terminations>
  <gateway-entry>
    <h248-notification-behavior-entry>
      <notification-regulation>
        notification-regulation
      </notification-regulation>
    </h248-notification-behavior-entry>
  </gateway-entry>
</service-pgcp-terminations>
```

Description**<h248-notification-behavior-entry>****Usage**

```
<service-pgcp-gates>
  <gateway-entry>
    <h248-notification-behavior-entry>
      <notification-regulation>
        notification-regulation
      </notification-regulation>
    </h248-notification-behavior-entry>
  </gateway-entry>
</service-pgcp-gates>
```

Description**<h248-options-entry>****Usage**

```
<pgcpd-active-configuration>
  <h248-options-entry>
    <wildcard-response-service-change>
      wildcard-response-service-change
    </wildcard-response-service-change>
  </h248-options-entry>
</pgcpd-active-configuration>
```

```
</wildcard-response-service-change>
<audit-observed-events-returns-history>
  audit-observed-events-returns-history
</audit-observed-events-returns-history>
<h248-profile>
  h248-profile
</h248-profile>
</h248-options-entry>
</pgcpd-active-configuration>
```

Description

<h248-options-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <h248-options-entry>
    <wildcard-response-service-change>
      wildcard-response-service-change
    </wildcard-response-service-change>
    <audit-observed-events-returns-history>
      audit-observed-events-returns-history
    </audit-observed-events-returns-history>
    <h248-profile>
      h248-profile
    </h248-profile>
  </h248-options-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description

<h248-options-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <h248-options-entry>
      <wildcard-response-service-change>
        wildcard-response-service-change
      </wildcard-response-service-change>
      <audit-observed-events-returns-history>
        audit-observed-events-returns-history
      </audit-observed-events-returns-history>
      <h248-profile>
        h248-profile
      </h248-profile>
    </h248-options-entry>
  </gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```


Description

<h248-options-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <h248-options-entry>
      <wildcard-response-service-change>
        wildcard-response-service-change
      </wildcard-response-service-change>
      <audit-observed-events-returns-history>
        audit-observed-events-returns-history
      </audit-observed-events-returns-history>
      <h248-profile>
        h248-profile
      </h248-profile>
    </h248-options-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

Description

<h248-options-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <h248-options-entry>
      <wildcard-response-service-change>
        wildcard-response-service-change
      </wildcard-response-service-change>
      <audit-observed-events-returns-history>
        audit-observed-events-returns-history
      </audit-observed-events-returns-history>
      <h248-profile>
        h248-profile
      </h248-profile>
    </h248-options-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

Description

<h248-options-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <h248-options-entry>
      <wildcard-response-service-change>
        wildcard-response-service-change
      </wildcard-response-service-change>
      <audit-observed-events-returns-history>
        audit-observed-events-returns-history

```

```
</audit-observed-events-returns-history>
<h248-profile>
  h248-profile
</h248-profile>
</h248-options-entry>
</gateway-entry>
</service-pgcp-gates>
```

Description

<h248-segmentation-properties-entry>

Usage

```
<pgcpd-active-configuration>
<h248-segmentation-properties-entry>
  <sgp_name>
    sgp_name
  </sgp_name>
  <sgp_minimum>
    sgp_minimum
  </sgp_minimum>
  <sgp_maximum>
    sgp_maximum
  </sgp_maximum>
  <sgp_default>
    sgp_default
  </sgp_default>
</h248-segmentation-properties-entry>
</pgcpd-active-configuration>
```

Description Array of h248 segmentation properties

<h248-segmentation-properties-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <h248-segmentation-properties-entry>
    <sgp_name>
      sgp_name
    </sgp_name>
    <sgp_minimum>
      sgp_minimum
    </sgp_minimum>
    <sgp_maximum>
      sgp_maximum
    </sgp_maximum>
    <sgp_default>
      sgp_default
    </sgp_default>
  </h248-segmentation-properties-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description Array of h248 segmentation properties

<h248-segmentation-properties-entry>

Usage

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <h248-segmentation-properties-entry>
        <sgp_name>
          sgp_name
        </sgp_name>
        <sgp_minimum>
          sgp_minimum
        </sgp_minimum>
        <sgp_maximum>
          sgp_maximum
        </sgp_maximum>
        <sgp_default>
          sgp_default
        </sgp_default>
      </h248-segmentation-properties-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

Description Array of h248 segmentation properties

<h248-segmentation-properties-entry>

Usage

```
<service-pgcp-statistics-gateway>
  <gateway-entry>
    <h248-segmentation-properties-entry>
      <sgp_name>
        sgp_name
      </sgp_name>
      <sgp_minimum>
        sgp_minimum
      </sgp_minimum>
      <sgp_maximum>
        sgp_maximum
      </sgp_maximum>
      <sgp_default>
        sgp_default
      </sgp_default>
    </h248-segmentation-properties-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>
```

Description Array of h248 segmentation properties

<h248-segmentation-properties-entry>

Usage

```
<service-pgcp-terminations>
  <gateway-entry>
    <h248-segmentation-properties-entry>
      <sgp_name>
        sgp_name
      </sgp_name>
      <sgp_minimum>
        sgp_minimum
      </sgp_minimum>
      <sgp_maximum>
        sgp_maximum
      </sgp_maximum>
      <sgp_default>
        sgp_default
      </sgp_default>
    </h248-segmentation-properties-entry>
  </gateway-entry>
</service-pgcp-terminations>
```

Description Array of h248 segmentation properties

<h248-segmentation-properties-entry>

Usage

```
<service-pgcp-gates>
  <gateway-entry>
    <h248-segmentation-properties-entry>
      <sgp_name>
        sgp_name
      </sgp_name>
      <sgp_minimum>
        sgp_minimum
      </sgp_minimum>
      <sgp_maximum>
        sgp_maximum
      </sgp_maximum>
      <sgp_default>
        sgp_default
      </sgp_default>
    </h248-segmentation-properties-entry>
  </gateway-entry>
</service-pgcp-gates>
```

Description Array of h248 segmentation properties

<h248-timers-entry>

Usage

```
<pgcpd-active-configuration>
```

```

<h248-timers-entry>
  <maximum-waiting-delay>
    maximum-waiting-delay
  </maximum-waiting-delay>
  <tmax-retransmission-delay>
    tmax-retransmission-delay
  </tmax-retransmission-delay>
  <initial-average-ack-delay>
    initial-average-ack-delay
  </initial-average-ack-delay>
  <maximum-net-propagation-delay>
    maximum-net-propagation-delay
  </maximum-net-propagation-delay>
</h248-timers-entry>
</pgcpd-active-configuration>

```

Description

<h248-timers-entry>

Usage

```

<pgcpd-active-configuration>
  <gateway-entry>
    <h248-timers-entry>
      <maximum-waiting-delay>
        maximum-waiting-delay
      </maximum-waiting-delay>
      <tmax-retransmission-delay>
        tmax-retransmission-delay
      </tmax-retransmission-delay>
      <initial-average-ack-delay>
        initial-average-ack-delay
      </initial-average-ack-delay>
      <maximum-net-propagation-delay>
        maximum-net-propagation-delay
      </maximum-net-propagation-delay>
    </h248-timers-entry>
  </gateway-entry>
</pgcpd-active-configuration>

```

Description

<h248-timers-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <h248-timers-entry>
        <maximum-waiting-delay>
          maximum-waiting-delay
        </maximum-waiting-delay>
        <tmax-retransmission-delay>
          tmax-retransmission-delay

```

```
</tmax-retransmission-delay>
<initial-average-ack-delay>
  initial-average-ack-delay
</initial-average-ack-delay>
<maximum-net-propagation-delay>
  maximum-net-propagation-delay
</maximum-net-propagation-delay>
</h248-timers-entry>
</gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```

Description

<h248-timers-entry>

Usage

```
<service-pgcp-statistics-gateway>
<gateway-entry>
  <h248-timers-entry>
    <maximum-waiting-delay>
      maximum-waiting-delay
    </maximum-waiting-delay>
    <tmax-retransmission-delay>
      tmax-retransmission-delay
    </tmax-retransmission-delay>
    <initial-average-ack-delay>
      initial-average-ack-delay
    </initial-average-ack-delay>
    <maximum-net-propagation-delay>
      maximum-net-propagation-delay
    </maximum-net-propagation-delay>
  </h248-timers-entry>
</gateway-entry>
</service-pgcp-statistics-gateway>
```

Description

<h248-timers-entry>

Usage

```
<service-pgcp-terminations>
<gateway-entry>
  <h248-timers-entry>
    <maximum-waiting-delay>
      maximum-waiting-delay
    </maximum-waiting-delay>
    <tmax-retransmission-delay>
      tmax-retransmission-delay
    </tmax-retransmission-delay>
    <initial-average-ack-delay>
      initial-average-ack-delay
    </initial-average-ack-delay>
    <maximum-net-propagation-delay>
```

```

        maximum-net-propagation-delay
      </maximum-net-propagation-delay>
    </h248-timers-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

Description

<h248-timers-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <h248-timers-entry>
      <maximum-waiting-delay>
        maximum-waiting-delay
      </maximum-waiting-delay>
      <tmax-retransmission-delay>
        tmax-retransmission-delay
      </tmax-retransmission-delay>
      <initial-average-ack-delay>
        initial-average-ack-delay
      </initial-average-ack-delay>
      <maximum-net-propagation-delay>
        maximum-net-propagation-delay
      </maximum-net-propagation-delay>
    </h248-timers-entry>
  </gateway-entry>
</service-pgcp-gates>

```

Description

<header-redirect-set-statistics>

Usage

```

<header-redirect-set-statistics>
  <header-redirect-set-name>
    header-redirect-set-name
  </header-redirect-set-name>
  <cause-roaming>
    cause-roaming
  </cause-roaming>
  <cause-time-of-day>
    cause-time-of-day
  </cause-time-of-day>
  <cause-quality-of-service>
    cause-quality-of-service
  </cause-quality-of-service>
  <cause-volume-expired>
    cause-volume-expired
  </cause-volume-expired>
  <cause-cost-warning>
    cause-cost-warning
  </cause-cost-warning>

```

```
<cause-not-allowed>
  cause-not-allowed
</cause-not-allowed>
<cause-unsubscribed>
  cause-unsubscribed
</cause-unsubscribed>
<cause-credit-expiry>
  cause-credit-expiry
</cause-credit-expiry>
<cause-unknown>
  cause-unknown
</cause-unknown>
<cause-default>
  cause-default
</cause-default>
</header-redirect-set-statistics>
```

Description Statistics for the header redirect sets

<header-redirect-set-statistics>

Usage

```
<header-redirect-set-statistics-information>
  <header-redirect-set-statistics>
    <header-redirect-set-name>
      header-redirect-set-name
    </header-redirect-set-name>
    <cause-roaming>
      cause-roaming
    </cause-roaming>
    <cause-time-of-day>
      cause-time-of-day
    </cause-time-of-day>
    <cause-quality-of-service>
      cause-quality-of-service
    </cause-quality-of-service>
    <cause-volume-expired>
      cause-volume-expired
    </cause-volume-expired>
    <cause-cost-warning>
      cause-cost-warning
    </cause-cost-warning>
    <cause-not-allowed>
      cause-not-allowed
    </cause-not-allowed>
    <cause-unsubscribed>
      cause-unsubscribed
    </cause-unsubscribed>
    <cause-credit-expiry>
      cause-credit-expiry
    </cause-credit-expiry>
    <cause-unknown>
      cause-unknown
    </cause-unknown>
```



```

    <cause-default>
      cause-default
    </cause-default>
  </header-redirect-set-statistics>
</header-redirect-set-statistics-information>

```

Description Statistics for the header redirect sets

<header-redirect-set-statistics-information>

Usage

```

<header-redirect-set-statistics-information>
  <interface-name>
    interface-name
  </interface-name>
  <interfaces>
    interfaces
  </interfaces>
  <header-redirect-set-statistics>....</header-redirect-set-statistics>
</header-redirect-set-statistics-information>

```

Description

<icmp-error-counters>

Usage

```

<sfw-stats-service-set-entry>
  <icmp-error-counters>
    <icmp-length-error>
      icmp-length-error
    </icmp-length-error>
    <icmp-error-length-error>
      icmp-error-length-error
    </icmp-error-length-error>
    <ping-duplicate-sequence-number>
      ping-duplicate-sequence-number
    </ping-duplicate-sequence-number>
    <ping-mismatched-sequence-number>
      ping-mismatched-sequence-number
    </ping-mismatched-sequence-number>
  </icmp-error-counters>
</sfw-stats-service-set-entry>

```

Description Extensive output of ICMP processing errors

<icmp-error-counters>

Usage

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <icmp-error-counters>

```

```
<icmp-length-error>
  icmp-length-error
</icmp-length-error>
<icmp-error-length-error>
  icmp-error-length-error
</icmp-error-length-error>
<ping-duplicate-sequence-number>
  ping-duplicate-sequence-number
</ping-duplicate-sequence-number>
<ping-mismatched-sequence-number>
  ping-mismatched-sequence-number
</ping-mismatched-sequence-number>
</icmp-error-counters>
</sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Extensive output of ICMP processing errors

<ids-anomaly-entry>

Usage

```
<ids-anomaly-entry>
  <ids-anomaly-description>
    ids-anomaly-description
  </ids-anomaly-description>
  <ids-anomaly-count>
    ids-anomaly-count
  </ids-anomaly-count>
  <ids-anomaly-rate>
    ids-anomaly-rate
  </ids-anomaly-rate>
  <ids-anomaly-elapsed>
    ids-anomaly-elapsed
  </ids-anomaly-elapsed>
</ids-anomaly-entry>
```

Description IDS anomaly information

<ids-anomaly-entry>

Usage

```
<ids-flow-entry>
  <ids-anomaly-entry>
    <ids-anomaly-description>
      ids-anomaly-description
    </ids-anomaly-description>
    <ids-anomaly-count>
      ids-anomaly-count
    </ids-anomaly-count>
    <ids-anomaly-rate>
      ids-anomaly-rate
    </ids-anomaly-rate>
```

```

    <ids-anomaly-elapsed>
      ids-anomaly-elapsed
    </ids-anomaly-elapsed>
  </ids-anomaly-entry>
</ids-flow-entry>

```

Description IDS anomaly information

<ids-anomaly-entry>

Usage

```

<ids-flow-table>
  <ids-flow-entry>
    <ids-anomaly-entry>
      <ids-anomaly-description>
        ids-anomaly-description
      </ids-anomaly-description>
      <ids-anomaly-count>
        ids-anomaly-count
      </ids-anomaly-count>
      <ids-anomaly-rate>
        ids-anomaly-rate
      </ids-anomaly-rate>
      <ids-anomaly-elapsed>
        ids-anomaly-elapsed
      </ids-anomaly-elapsed>
    </ids-anomaly-entry>
  </ids-flow-entry>
</ids-flow-table>

```

Description IDS anomaly information

<ids-anomaly-entry>

Usage

```

<ids-per-service-set-flow-table>
  <ids-flow-table>
    <ids-flow-entry>
      <ids-anomaly-entry>
        <ids-anomaly-description>
          ids-anomaly-description
        </ids-anomaly-description>
        <ids-anomaly-count>
          ids-anomaly-count
        </ids-anomaly-count>
        <ids-anomaly-rate>
          ids-anomaly-rate
        </ids-anomaly-rate>
        <ids-anomaly-elapsed>
          ids-anomaly-elapsed
        </ids-anomaly-elapsed>
      </ids-anomaly-entry>
    </ids-flow-entry>
  </ids-flow-table>
</ids-per-service-set-flow-table>

```

```
</ids-flow-table>
</ids-per-service-set-flow-table>
```

Description IDS anomaly information

<ids-anomaly-entry>

Usage

```
<service-ids-flow-table-information>
  <ids-per-service-set-flow-table>
    <ids-flow-table>
      <ids-flow-entry>
        <ids-anomaly-entry>
          <ids-anomaly-description>
            ids-anomaly-description
          </ids-anomaly-description>
          <ids-anomaly-count>
            ids-anomaly-count
          </ids-anomaly-count>
          <ids-anomaly-rate>
            ids-anomaly-rate
          </ids-anomaly-rate>
          <ids-anomaly-elapsed>
            ids-anomaly-elapsed
          </ids-anomaly-elapsed>
        </ids-anomaly-entry>
      </ids-flow-entry>
    </ids-flow-table>
  </ids-per-service-set-flow-table>
</service-ids-flow-table-information>
```

Description IDS anomaly information

<ids-flow-entry>

Usage

```
<ids-flow-entry>
  <ids-flow-source-ip>
    ids-flow-source-ip
  </ids-flow-source-ip>
  <ids-flow-destination-ip>
    ids-flow-destination-ip
  </ids-flow-destination-ip>
  <ids-flow-time>
    ids-flow-time
  </ids-flow-time>
  <ids-flow-flags>
    ids-flow-flags
  </ids-flow-flags>
  <ids-flow-long-flags>
    ids-flow-long-flags
  </ids-flow-long-flags>
  <ids-flow-count>
```

```

    ids-flow-count
  </ids-flow-count>
  <ids-flow-application>
    ids-flow-application
  </ids-flow-application>
  <ids-bytes-count>
    ids-bytes-count
  </ids-bytes-count>
  <ids-packets-count>
    ids-packets-count
  </ids-packets-count>
  <ids-flows-count>
    ids-flows-count
  </ids-flows-count>
  <ids-anomalies-count>
    ids-anomalies-count
  </ids-anomalies-count>
  <ids-anomaly-entry>....</ids-anomaly-entry>
</ids-flow-entry>

```

Description IDS terse information

<ids-flow-entry>

Usage

```

<ids-flow-table>
  <ids-flow-entry>
    <ids-flow-source-ip>
      ids-flow-source-ip
    </ids-flow-source-ip>
    <ids-flow-destination-ip>
      ids-flow-destination-ip
    </ids-flow-destination-ip>
    <ids-flow-time>
      ids-flow-time
    </ids-flow-time>
    <ids-flow-flags>
      ids-flow-flags
    </ids-flow-flags>
    <ids-flow-long-flags>
      ids-flow-long-flags
    </ids-flow-long-flags>
    <ids-flow-count>
      ids-flow-count
    </ids-flow-count>
    <ids-flow-application>
      ids-flow-application
    </ids-flow-application>
    <ids-bytes-count>
      ids-bytes-count
    </ids-bytes-count>
    <ids-packets-count>
      ids-packets-count
    </ids-packets-count>
  </ids-flow-entry>
</ids-flow-table>

```

```
<ids-flows-count>
  ids-flows-count
</ids-flows-count>
<ids-anomalies-count>
  ids-anomalies-count
</ids-anomalies-count>
<ids-anomaly-entry>....</ids-anomaly-entry>
</ids-flow-entry>
</ids-flow-table>
```

Description IDS terse information

<ids-flow-entry>

Usage

```
<ids-per-service-set-flow-table>
<ids-flow-table>
  <ids-flow-entry>
    <ids-flow-source-ip>
      ids-flow-source-ip
    </ids-flow-source-ip>
    <ids-flow-destination-ip>
      ids-flow-destination-ip
    </ids-flow-destination-ip>
    <ids-flow-time>
      ids-flow-time
    </ids-flow-time>
    <ids-flow-flags>
      ids-flow-flags
    </ids-flow-flags>
    <ids-flow-long-flags>
      ids-flow-long-flags
    </ids-flow-long-flags>
    <ids-flow-count>
      ids-flow-count
    </ids-flow-count>
    <ids-flow-application>
      ids-flow-application
    </ids-flow-application>
    <ids-bytes-count>
      ids-bytes-count
    </ids-bytes-count>
    <ids-packets-count>
      ids-packets-count
    </ids-packets-count>
    <ids-flows-count>
      ids-flows-count
    </ids-flows-count>
    <ids-anomalies-count>
      ids-anomalies-count
    </ids-anomalies-count>
    <ids-anomaly-entry>....</ids-anomaly-entry>
  </ids-flow-entry>
</ids-flow-table>
```

```
</ids-per-service-set-flow-table>
```

Description IDS terse information

<ids-flow-entry>

Usage

```
<service-ids-flow-table-information>
<ids-per-service-set-flow-table>
<ids-flow-table>
  <ids-flow-entry>
    <ids-flow-source-ip>
      ids-flow-source-ip
    </ids-flow-source-ip>
    <ids-flow-destination-ip>
      ids-flow-destination-ip
    </ids-flow-destination-ip>
    <ids-flow-time>
      ids-flow-time
    </ids-flow-time>
    <ids-flow-flags>
      ids-flow-flags
    </ids-flow-flags>
    <ids-flow-long-flags>
      ids-flow-long-flags
    </ids-flow-long-flags>
    <ids-flow-count>
      ids-flow-count
    </ids-flow-count>
    <ids-flow-application>
      ids-flow-application
    </ids-flow-application>
    <ids-bytes-count>
      ids-bytes-count
    </ids-bytes-count>
    <ids-packets-count>
      ids-packets-count
    </ids-packets-count>
    <ids-flows-count>
      ids-flows-count
    </ids-flows-count>
    <ids-anomalies-count>
      ids-anomalies-count
    </ids-anomalies-count>
    <ids-anomaly-entry>....</ids-anomaly-entry>
  </ids-flow-entry>
</ids-flow-table>
</ids-per-service-set-flow-table>
</service-ids-flow-table-information>
```

Description IDS terse information

<ids-flow-table>

Usage

```
<ids-flow-table>
  <ids-flow-entry>....</ids-flow-entry>
</ids-flow-table>
```

Description IDS table sorted by service set

<ids-flow-table>

Usage

```
<ids-per-service-set-flow-table>
  <ids-flow-table>
    <ids-flow-entry>....</ids-flow-entry>
  </ids-flow-table>
</ids-per-service-set-flow-table>
```

Description IDS table sorted by service set

<ids-flow-table>

Usage

```
<service-ids-flow-table-information>
  <ids-per-service-set-flow-table>
    <ids-flow-table>
      <ids-flow-entry>....</ids-flow-entry>
    </ids-flow-table>
  </ids-per-service-set-flow-table>
</service-ids-flow-table-information>
```

Description IDS table sorted by service set

<ids-per-service-set-flow-table>

Usage

```
<ids-per-service-set-flow-table>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <ids-sort-order>
    ids-sort-order
  </ids-sort-order>
  <ids-flow-table>....</ids-flow-table>
</ids-per-service-set-flow-table>
```


Description IDS table sorted by service set

<ids-per-service-set-flow-table>

Usage

```
<service-ids-flow-table-information>
  <ids-per-service-set-flow-table>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <ids-sort-order>
      ids-sort-order
    </ids-sort-order>
    <ids-flow-table>....</ids-flow-table>
  </ids-per-service-set-flow-table>
</service-ids-flow-table-information>
```

Description IDS table sorted by service set

<ids-show-summary>

Usage

```
<ids-show-summary>
  <interface-name>
    interface-name
  </interface-name>
  <ids-total-entries>
    ids-total-entries
  </ids-total-entries>
  <ids-total-failed-insertions>
    ids-total-failed-insertions
  </ids-total-failed-insertions>
  <ids-total-events>
    ids-total-events
  </ids-total-events>
</ids-show-summary>
```

Description IDS table summary

<ids-show-summary>

Usage

```
<service-ids-flow-table-information>
  <ids-show-summary>
    <interface-name>
      interface-name
    </interface-name>
    <ids-total-entries>
      ids-total-entries
    </ids-total-entries>
  </ids-show-summary>
</service-ids-flow-table-information>
```

```
</ids-total-entries>
<ids-total-failed-insertions>
  ids-total-failed-insertions
</ids-total-failed-insertions>
<ids-total-events>
  ids-total-events
</ids-total-events>
</ids-show-summary>
</service-ids-flow-table-information>
```

Description IDS table summary

<inactivity-timer-entry>

Usage

```
<pgcpd-active-configuration>
<inactivity-timer-entry>
  <detect>
    detect
  </detect>
  <maximum-inactivity-time>....</maximum-inactivity-time>
</inactivity-timer-entry>
</pgcpd-active-configuration>
```

Description

<inactivity-timer-entry>

Usage

```
<pgcpd-active-configuration>
<gateway-entry>
  <inactivity-timer-entry>
    <detect>
      detect
    </detect>
    <maximum-inactivity-time>....</maximum-inactivity-time>
  </inactivity-timer-entry>
</gateway-entry>
</pgcpd-active-configuration>
```

Description

<inactivity-timer-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <gateway-entry>
    <inactivity-timer-entry>
      <detect>
        detect
      </detect>
      <maximum-inactivity-time>....</maximum-inactivity-time>
```

```

    </inactivity-timer-entry>
  </gateway-entry>
</pgcpd-config>
</pgcpd-active-configuration>

```

Description

<inactivity-timer-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <inactivity-timer-entry>
      <detect>
        detect
      </detect>
      <maximum-inactivity-time>....</maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>

```

Description

<inactivity-timer-entry>

Usage

```

<service-pgcp-terminations>
  <gateway-entry>
    <inactivity-timer-entry>
      <detect>
        detect
      </detect>
      <maximum-inactivity-time>....</maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</service-pgcp-terminations>

```

Description

<inactivity-timer-entry>

Usage

```

<service-pgcp-gates>
  <gateway-entry>
    <inactivity-timer-entry>
      <detect>
        detect
      </detect>
      <maximum-inactivity-time>....</maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</service-pgcp-gates>

```

Description**<ip-error-counters>****Usage**

```
<sfw-stats-service-set-entry>
  <ip-error-counters>
    <ip-length-error>
      ip-length-error
    </ip-length-error>
    <ip-header-length-error>
      ip-header-length-error
    </ip-header-length-error>
    <long-packet>
      long-packet
    </long-packet>
    <illegal-source-address>
      illegal-source-address
    </illegal-source-address>
    <illegal-destination-address>
      illegal-destination-address
    </illegal-destination-address>
    <ttl-zero>
      ttl-zero
    </ttl-zero>
    <illegal-ip-protocol>
      illegal-ip-protocol
    </illegal-ip-protocol>
    <land-attack>
      land-attack
    </land-attack>
    <non-ipv4>
      non-ipv4
    </non-ipv4>
    <bad-checksum>
      bad-checksum
    </bad-checksum>
    <illegal-fragment-length>
      illegal-fragment-length
    </illegal-fragment-length>
    <fragment-overlap>
      fragment-overlap
    </fragment-overlap>
    <fragment-reassembly-timeout>
      fragment-reassembly-timeout
    </fragment-reassembly-timeout>
    <unknown>
      unknown
    </unknown>
  </ip-error-counters>
</sfw-stats-service-set-entry>
```

Description Extensive output of IP processing errors

<ip-error-counters>

Usage

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <ip-error-counters>
        <ip-length-error>
          ip-length-error
        </ip-length-error>
        <ip-header-length-error>
          ip-header-length-error
        </ip-header-length-error>
        <long-packet>
          long-packet
        </long-packet>
        <illegal-source-address>
          illegal-source-address
        </illegal-source-address>
        <illegal-destination-address>
          illegal-destination-address
        </illegal-destination-address>
        <ttl-zero>
          ttl-zero
        </ttl-zero>
        <illegal-ip-protocol>
          illegal-ip-protocol
        </illegal-ip-protocol>
        <land-attack>
          land-attack
        </land-attack>
        <non-ipv4>
          non-ipv4
        </non-ipv4>
        <bad-checksum>
          bad-checksum
        </bad-checksum>
        <illegal-fragment-length>
          illegal-fragment-length
        </illegal-fragment-length>
        <fragment-overlap>
          fragment-overlap
        </fragment-overlap>
        <fragment-reassembly-timeout>
          fragment-reassembly-timeout
        </fragment-reassembly-timeout>
        <unknown>
          unknown
        </unknown>
      </ip-error-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description Extensive output of IP processing errors

<l2tp-destination-clear-entry>

Usage

```
<l2tp-destination-clear-entry>
  <l2tp-destination-local-name>
    l2tp-destination-local-name
  </l2tp-destination-local-name>
</l2tp-destination-clear-entry>
```

Description L2TP cleared destination information

<l2tp-destination-clear-entry>

Usage

```
<service-l2tp-destination-clear-information>
  <l2tp-destination-clear-entry>
    <l2tp-destination-local-name>
      l2tp-destination-local-name
    </l2tp-destination-local-name>
  </l2tp-destination-clear-entry>
</service-l2tp-destination-clear-information>
```

Description L2TP cleared destination information

<l2tp-destination-entry>

Usage

```
<l2tp-destination-entry>
  <l2tp-destination-local-name>
    l2tp-destination-local-name
  </l2tp-destination-local-name>
  <l2tp-destination-remote-ip>
    l2tp-destination-remote-ip
  </l2tp-destination-remote-ip>
  <l2tp-destination-state>
    l2tp-destination-state
  </l2tp-destination-state>
  <l2tp-destination-tunnel-count>
    l2tp-destination-tunnel-count
  </l2tp-destination-tunnel-count>
  <l2tp-destination-tunnel-total>
    l2tp-destination-tunnel-total
  </l2tp-destination-tunnel-total>
  <l2tp-destination-tunnel-active>
    l2tp-destination-tunnel-active
  </l2tp-destination-tunnel-active>
  <l2tp-destination-tunnel-failed>
    l2tp-destination-tunnel-failed
  </l2tp-destination-tunnel-failed>
  <l2tp-destination-session-count>
```

```

    l2tp-destination-session-count
  </l2tp-destination-session-count>
  <l2tp-destination-session-total>
    l2tp-destination-session-total
  </l2tp-destination-session-total>
  <l2tp-destination-session-active>
    l2tp-destination-session-active
  </l2tp-destination-session-active>
  <l2tp-destination-session-failed>
    l2tp-destination-session-failed
  </l2tp-destination-session-failed>
  <l2tp-destination-local-ip>
    l2tp-destination-local-ip
  </l2tp-destination-local-ip>
  <l2tp-destination-maximum-tunnels>
    l2tp-destination-maximum-tunnels
  </l2tp-destination-maximum-tunnels>
  <l2tp-destination-transport>
    l2tp-destination-transport
  </l2tp-destination-transport>
  <l2tp-destination-router-instance>
    l2tp-destination-router-instance
  </l2tp-destination-router-instance>
  <l2tp-destination-logical-system>
    l2tp-destination-logical-system
  </l2tp-destination-logical-system>
  <l2tp-destination-lockout-state>
    l2tp-destination-lockout-state
  </l2tp-destination-lockout-state>
</l2tp-destination-entry>

```

Description L2TP destination information

<l2tp-destination-entry>

Usage

```

<l2tp-destination-table>
  <l2tp-destination-entry>
    <l2tp-destination-local-name>
      l2tp-destination-local-name
    </l2tp-destination-local-name>
    <l2tp-destination-remote-ip>
      l2tp-destination-remote-ip
    </l2tp-destination-remote-ip>
    <l2tp-destination-state>
      l2tp-destination-state
    </l2tp-destination-state>
    <l2tp-destination-tunnel-count>
      l2tp-destination-tunnel-count
    </l2tp-destination-tunnel-count>
    <l2tp-destination-tunnel-total>
      l2tp-destination-tunnel-total
    </l2tp-destination-tunnel-total>
    <l2tp-destination-tunnel-active>

```

```
    l2tp-destination-tunnel-active
  </l2tp-destination-tunnel-active>
  <l2tp-destination-tunnel-failed>
    l2tp-destination-tunnel-failed
  </l2tp-destination-tunnel-failed>
  <l2tp-destination-session-count>
    l2tp-destination-session-count
  </l2tp-destination-session-count>
  <l2tp-destination-session-total>
    l2tp-destination-session-total
  </l2tp-destination-session-total>
  <l2tp-destination-session-active>
    l2tp-destination-session-active
  </l2tp-destination-session-active>
  <l2tp-destination-session-failed>
    l2tp-destination-session-failed
  </l2tp-destination-session-failed>
  <l2tp-destination-local-ip>
    l2tp-destination-local-ip
  </l2tp-destination-local-ip>
  <l2tp-destination-maximum-tunnels>
    l2tp-destination-maximum-tunnels
  </l2tp-destination-maximum-tunnels>
  <l2tp-destination-transport>
    l2tp-destination-transport
  </l2tp-destination-transport>
  <l2tp-destination-router-instance>
    l2tp-destination-router-instance
  </l2tp-destination-router-instance>
  <l2tp-destination-logical-system>
    l2tp-destination-logical-system
  </l2tp-destination-logical-system>
  <l2tp-destination-lockout-state>
    l2tp-destination-lockout-state
  </l2tp-destination-lockout-state>
</l2tp-destination-entry>
</l2tp-destination-table>
```

Description L2TP destination information

<l2tp-destination-entry>

Usage

```
<service-l2tp-destination-information>
  <l2tp-destination-table>
    <l2tp-destination-entry>
      <l2tp-destination-local-name>
        l2tp-destination-local-name
      </l2tp-destination-local-name>
      <l2tp-destination-remote-ip>
        l2tp-destination-remote-ip
      </l2tp-destination-remote-ip>
      <l2tp-destination-state>
        l2tp-destination-state
```



```

</l2tp-destination-state>
<l2tp-destination-tunnel-count>
  l2tp-destination-tunnel-count
</l2tp-destination-tunnel-count>
<l2tp-destination-tunnel-total>
  l2tp-destination-tunnel-total
</l2tp-destination-tunnel-total>
<l2tp-destination-tunnel-active>
  l2tp-destination-tunnel-active
</l2tp-destination-tunnel-active>
<l2tp-destination-tunnel-failed>
  l2tp-destination-tunnel-failed
</l2tp-destination-tunnel-failed>
<l2tp-destination-session-count>
  l2tp-destination-session-count
</l2tp-destination-session-count>
<l2tp-destination-session-total>
  l2tp-destination-session-total
</l2tp-destination-session-total>
<l2tp-destination-session-active>
  l2tp-destination-session-active
</l2tp-destination-session-active>
<l2tp-destination-session-failed>
  l2tp-destination-session-failed
</l2tp-destination-session-failed>
<l2tp-destination-local-ip>
  l2tp-destination-local-ip
</l2tp-destination-local-ip>
<l2tp-destination-maximum-tunnels>
  l2tp-destination-maximum-tunnels
</l2tp-destination-maximum-tunnels>
<l2tp-destination-transport>
  l2tp-destination-transport
</l2tp-destination-transport>
<l2tp-destination-router-instance>
  l2tp-destination-router-instance
</l2tp-destination-router-instance>
<l2tp-destination-logical-system>
  l2tp-destination-logical-system
</l2tp-destination-logical-system>
<l2tp-destination-lockout-state>
  l2tp-destination-lockout-state
</l2tp-destination-lockout-state>
</l2tp-destination-entry>
</l2tp-destination-table>
</service-l2tp-destination-information>

```

Description L2TP destination information

<l2tp-destination-table>

Usage

```

<l2tp-destination-table>
  <l2tp-destination-entry>....</l2tp-destination-entry>

```

</l2tp-destination-table>

Description Destination table

<l2tp-destination-table>

Usage

```
<service-l2tp-destination-information>
  <l2tp-destination-table>
    <l2tp-destination-entry>....</l2tp-destination-entry>
  </l2tp-destination-table>
</service-l2tp-destination-information>
```

Description Destination table

<l2tp-lac-summary-table>

Usage

```
<service-l2tp-lac-summary-information>
  <l2tp-lac-summary-table>
</l2tp-lac-summary-table>
</service-l2tp-lac-summary-information>
```

Description

<l2tp-multilink-clear-entry>

Usage

```
<l2tp-multilink-clear-entry>
  <l2tp-multilink-bundle-id>
    l2tp-multilink-bundle-id
  </l2tp-multilink-bundle-id>
</l2tp-multilink-clear-entry>
```

Description Multilink information cleared by L2TP

<l2tp-multilink-clear-entry>

Usage

```
<service-l2tp-multilink-clear-information>
  <l2tp-multilink-clear-entry>
    <l2tp-multilink-bundle-id>
      l2tp-multilink-bundle-id
    </l2tp-multilink-bundle-id>
  </l2tp-multilink-clear-entry>
</service-l2tp-multilink-clear-information>
```

Description Multilink information cleared by L2TP

<l2tp-multilink-entry>

Usage

```

<l2tp-multilink-entry>
  <l2tp-multilink-bundle-id>
    l2tp-multilink-bundle-id
  </l2tp-multilink-bundle-id>
  <l2tp-multilink-bundle-endpoint>
    l2tp-multilink-bundle-endpoint
  </l2tp-multilink-bundle-endpoint>
  <l2tp-multilink-bundle-num-links>
    l2tp-multilink-bundle-num-links
  </l2tp-multilink-bundle-num-links>
  <l2tp-multilink-bundle-mrru-input>
    l2tp-multilink-bundle-mrru-input
  </l2tp-multilink-bundle-mrru-input>
  <l2tp-multilink-bundle-mrru-output>
    l2tp-multilink-bundle-mrru-output
  </l2tp-multilink-bundle-mrru-output>
  <l2tp-statistics-since>
    l2tp-statistics-since
  </l2tp-statistics-since>
  <l2tp-control-tx-packets>
    l2tp-control-tx-packets
  </l2tp-control-tx-packets>
  <l2tp-control-rx-packets>
    l2tp-control-rx-packets
  </l2tp-control-rx-packets>
  <l2tp-data-tx-packets>
    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-control-tx-bytes>
    l2tp-control-tx-bytes
  </l2tp-control-tx-bytes>
  <l2tp-control-rx-bytes>
    l2tp-control-rx-bytes
  </l2tp-control-rx-bytes>
  <l2tp-data-tx-bytes>
    l2tp-data-tx-bytes
  </l2tp-data-tx-bytes>
  <l2tp-data-rx-bytes>
    l2tp-data-rx-bytes
  </l2tp-data-rx-bytes>
  <l2tp-error-tx-packets>
    l2tp-error-tx-packets
  </l2tp-error-tx-packets>
  <l2tp-error-rx-packets>
    l2tp-error-rx-packets
  </l2tp-error-rx-packets>
  <l2tp-multilink-links>....</l2tp-multilink-links>
</l2tp-multilink-entry>

```

Description L2TP multilink information

<l2tp-multilink-entry>

Usage

```
<services-l2tp-multilink-information>
  <l2tp-multilink-entry>
    <l2tp-multilink-bundle-id>
      l2tp-multilink-bundle-id
    </l2tp-multilink-bundle-id>
    <l2tp-multilink-bundle-endpoint>
      l2tp-multilink-bundle-endpoint
    </l2tp-multilink-bundle-endpoint>
    <l2tp-multilink-bundle-num-links>
      l2tp-multilink-bundle-num-links
    </l2tp-multilink-bundle-num-links>
    <l2tp-multilink-bundle-mrru-input>
      l2tp-multilink-bundle-mrru-input
    </l2tp-multilink-bundle-mrru-input>
    <l2tp-multilink-bundle-mrru-output>
      l2tp-multilink-bundle-mrru-output
    </l2tp-multilink-bundle-mrru-output>
    <l2tp-statistics-since>
      l2tp-statistics-since
    </l2tp-statistics-since>
    <l2tp-control-tx-packets>
      l2tp-control-tx-packets
    </l2tp-control-tx-packets>
    <l2tp-control-rx-packets>
      l2tp-control-rx-packets
    </l2tp-control-rx-packets>
    <l2tp-data-tx-packets>
      l2tp-data-tx-packets
    </l2tp-data-tx-packets>
    <l2tp-data-rx-packets>
      l2tp-data-rx-packets
    </l2tp-data-rx-packets>
    <l2tp-control-tx-bytes>
      l2tp-control-tx-bytes
    </l2tp-control-tx-bytes>
    <l2tp-control-rx-bytes>
      l2tp-control-rx-bytes
    </l2tp-control-rx-bytes>
    <l2tp-data-tx-bytes>
      l2tp-data-tx-bytes
    </l2tp-data-tx-bytes>
    <l2tp-data-rx-bytes>
      l2tp-data-rx-bytes
    </l2tp-data-rx-bytes>
    <l2tp-error-tx-packets>
      l2tp-error-tx-packets
    </l2tp-error-tx-packets>
    <l2tp-error-rx-packets>
      l2tp-error-rx-packets
    </l2tp-error-rx-packets>
```

```

        <l2tp-multilink-links>....</l2tp-multilink-links>
    </l2tp-multilink-entry>
</services-l2tp-multilink-information>

```

Description L2TP multilink information

<l2tp-multilink-links>

Usage

```

<l2tp-multilink-links>
  <l2tp-session-entry>....</l2tp-session-entry>
</l2tp-multilink-links>

```

Description L2TP multilink bundle links

<l2tp-multilink-links>

Usage

```

<l2tp-multilink-entry>
  <l2tp-multilink-links>
    <l2tp-session-entry>....</l2tp-session-entry>
  </l2tp-multilink-links>
</l2tp-multilink-entry>

```

Description L2TP multilink bundle links

<l2tp-multilink-links>

Usage

```

<services-l2tp-multilink-information>
  <l2tp-multilink-entry>
    <l2tp-multilink-links>
      <l2tp-session-entry>....</l2tp-session-entry>
    </l2tp-multilink-links>
  </l2tp-multilink-entry>
</services-l2tp-multilink-information>

```

Description L2TP multilink bundle links

<l2tp-per-tunnel-group-tunnel-table>

Usage

```

<l2tp-per-tunnel-group-tunnel-table>
  <tunnel-group-name>
    tunnel-group-name
  </tunnel-group-name>
  <interface-name>
    interface-name
  </interface-name>
<l2tp-tunnel-table>....</l2tp-tunnel-table>

```

```
</l2tp-per-tunnel-group-tunnel-table>
```

Description Tunnel table sorted by tunnel group

<l2tp-per-tunnel-group-tunnel-table>

Usage

```
<service-l2tp-tunnel-information>
  <l2tp-per-tunnel-group-tunnel-table>
    <tunnel-group-name>
      tunnel-group-name
    </tunnel-group-name>
    <interface-name>
      interface-name
    </interface-name>
    <l2tp-tunnel-table>....</l2tp-tunnel-table>
  </l2tp-per-tunnel-group-tunnel-table>
</service-l2tp-tunnel-information>
```

Description Tunnel table sorted by tunnel group

<l2tp-per-tunnel-session-table>

Usage

```
<l2tp-per-tunnel-session-table>
  <tunnel-group-name>
    tunnel-group-name
  </tunnel-group-name>
  <interface-name>
    interface-name
  </interface-name>
  <l2tp-tunnel-local-id>
    l2tp-tunnel-local-id
  </l2tp-tunnel-local-id>
  <l2tp-session-table>....</l2tp-session-table>
</l2tp-per-tunnel-session-table>
```

Description Session table sorted by tunnel

<l2tp-per-tunnel-session-table>

Usage

```
<service-l2tp-session-information>
  <l2tp-per-tunnel-session-table>
    <tunnel-group-name>
      tunnel-group-name
    </tunnel-group-name>
    <interface-name>
      interface-name
    </interface-name>
    <l2tp-tunnel-local-id>
```

```

        l2tp-tunnel-local-id
      </l2tp-tunnel-local-id>
    <l2tp-session-table>....</l2tp-session-table>
  </l2tp-per-tunnel-session-table>
</service-l2tp-session-information>

```

Description Session table sorted by tunnel

<l2tp-per-tunnel-user-table>

Usage

```

<service-l2tp-user-information>
  <l2tp-per-tunnel-user-table>
</l2tp-per-tunnel-user-table>
</service-l2tp-user-information>

```

Description

<l2tp-session-clear-entry>

Usage

```

<l2tp-session-clear-entry>
  <l2tp-session-local-id>
    l2tp-session-local-id
  </l2tp-session-local-id>
</l2tp-session-clear-entry>

```

Description L2TP cleared session information

<l2tp-session-clear-entry>

Usage

```

<service-l2tp-session-clear-information>
  <l2tp-session-clear-entry>
    <l2tp-session-local-id>
      l2tp-session-local-id
    </l2tp-session-local-id>
  </l2tp-session-clear-entry>
</service-l2tp-session-clear-information>

```

Description L2TP cleared session information

<l2tp-session-entry>

Usage

```

<l2tp-session-entry>
  <l2tp-session-local-id>
    l2tp-session-local-id
  </l2tp-session-local-id>
  <l2tp-session-remote-id>
    l2tp-session-remote-id

```

```
</l2tp-session-remote-id>
<l2tp-session-remote-ip>
  l2tp-session-remote-ip
</l2tp-session-remote-ip>
<l2tp-session-local-ip>
  l2tp-session-local-ip
</l2tp-session-local-ip>
<l2tp-session-state>
  l2tp-session-state
</l2tp-session-state>
<l2tp-session-bundle-id>
  l2tp-session-bundle-id
</l2tp-session-bundle-id>
<l2tp-session-user-name>
  l2tp-session-user-name
</l2tp-session-user-name>
<l2tp-session-own-ip>
  l2tp-session-own-ip
</l2tp-session-own-ip>
<l2tp-session-peer-ip>
  l2tp-session-peer-ip
</l2tp-session-peer-ip>
<l2tp-session-local-name>
  l2tp-session-local-name
</l2tp-session-local-name>
<l2tp-session-remote-name>
  l2tp-session-remote-name
</l2tp-session-remote-name>
<l2tp-session-mode>
  l2tp-session-mode
</l2tp-session-mode>
<l2tp-session-local-mru>
  l2tp-session-local-mru
</l2tp-session-local-mru>
<l2tp-session-remote-mru>
  l2tp-session-remote-mru
</l2tp-session-remote-mru>
<l2tp-session-tx-speed>
  l2tp-session-tx-speed
</l2tp-session-tx-speed>
<l2tp-session-rx-speed>
  l2tp-session-rx-speed
</l2tp-session-rx-speed>
<l2tp-session-bearer-type>
  l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
  l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
  l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
  l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
```



```
    l2tp-session-interface-id
  </l2tp-session-interface-id>
  <l2tp-session-interface-unit>
    l2tp-session-interface-unit
  </l2tp-session-interface-unit>
  <l2tp-session-call-serial-number>
    l2tp-session-call-serial-number
  </l2tp-session-call-serial-number>
  <l2tp-session-policer-bandwidth>
    l2tp-session-policer-bandwidth
  </l2tp-session-policer-bandwidth>
  <l2tp-session-policer-exclude-bandwidth>
    l2tp-session-policer-exclude-bandwidth
  </l2tp-session-policer-exclude-bandwidth>
  <l2tp-session-policer-burstsize>
    l2tp-session-policer-burstsize
  </l2tp-session-policer-burstsize>
  <l2tp-session-firewall-filter>
    l2tp-session-firewall-filter
  </l2tp-session-firewall-filter>
  <l2tp-session-encapsulation-overhead>
    l2tp-session-encapsulation-overhead
  </l2tp-session-encapsulation-overhead>
  <l2tp-session-cell-overhead>
    l2tp-session-cell-overhead
  </l2tp-session-cell-overhead>
  <l2tp-session-create-time>
    l2tp-session-create-time
  </l2tp-session-create-time>
  <l2tp-session-interface-name>
    l2tp-session-interface-name
  </l2tp-session-interface-name>
  <l2tp-statistics-since>
    l2tp-statistics-since
  </l2tp-statistics-since>
  <l2tp-control-tx-packets>
    l2tp-control-tx-packets
  </l2tp-control-tx-packets>
  <l2tp-control-rx-packets>
    l2tp-control-rx-packets
  </l2tp-control-rx-packets>
  <l2tp-data-tx-packets>
    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-control-tx-bytes>
    l2tp-control-tx-bytes
  </l2tp-control-tx-bytes>
  <l2tp-control-rx-bytes>
    l2tp-control-rx-bytes
  </l2tp-control-rx-bytes>
  <l2tp-data-tx-bytes>
    l2tp-data-tx-bytes
  </l2tp-data-tx-bytes>
```

```
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
```

Description L2TP session information

<l2tp-session-entry>

Usage

```
<l2tp-session-table>
<l2tp-session-entry>
  <l2tp-session-local-id>
    l2tp-session-local-id
  </l2tp-session-local-id>
  <l2tp-session-remote-id>
    l2tp-session-remote-id
  </l2tp-session-remote-id>
  <l2tp-session-remote-ip>
    l2tp-session-remote-ip
  </l2tp-session-remote-ip>
  <l2tp-session-local-ip>
    l2tp-session-local-ip
  </l2tp-session-local-ip>
  <l2tp-session-state>
    l2tp-session-state
  </l2tp-session-state>
  <l2tp-session-bundle-id>
    l2tp-session-bundle-id
  </l2tp-session-bundle-id>
  <l2tp-session-user-name>
    l2tp-session-user-name
  </l2tp-session-user-name>
  <l2tp-session-own-ip>
    l2tp-session-own-ip
  </l2tp-session-own-ip>
  <l2tp-session-peer-ip>
    l2tp-session-peer-ip
  </l2tp-session-peer-ip>
```

```
<l2tp-session-local-name>  
  l2tp-session-local-name  
</l2tp-session-local-name>  
<l2tp-session-remote-name>  
  l2tp-session-remote-name  
</l2tp-session-remote-name>  
<l2tp-session-mode>  
  l2tp-session-mode  
</l2tp-session-mode>  
<l2tp-session-local-mru>  
  l2tp-session-local-mru  
</l2tp-session-local-mru>  
<l2tp-session-remote-mru>  
  l2tp-session-remote-mru  
</l2tp-session-remote-mru>  
<l2tp-session-tx-speed>  
  l2tp-session-tx-speed  
</l2tp-session-tx-speed>  
<l2tp-session-rx-speed>  
  l2tp-session-rx-speed  
</l2tp-session-rx-speed>  
<l2tp-session-bearer-type>  
  l2tp-session-bearer-type  
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<l2tp-session-framing-type>  
  l2tp-session-framing-type  
</l2tp-session-framing-type>  
<l2tp-session-lcp-renegotiation>  
  l2tp-session-lcp-renegotiation  
</l2tp-session-lcp-renegotiation>  
<l2tp-session-authentication>  
  l2tp-session-authentication  
</l2tp-session-authentication>  
<l2tp-session-interface-id>  
  l2tp-session-interface-id  
</l2tp-session-interface-id>  
<l2tp-session-interface-unit>  
  l2tp-session-interface-unit  
</l2tp-session-interface-unit>  
<l2tp-session-call-serial-number>  
  l2tp-session-call-serial-number  
</l2tp-session-call-serial-number>  
<l2tp-session-policer-bandwidth>  
  l2tp-session-policer-bandwidth  
</l2tp-session-policer-bandwidth>  
<l2tp-session-policer-exclude-bandwidth>  
  l2tp-session-policer-exclude-bandwidth  
</l2tp-session-policer-exclude-bandwidth>  
<l2tp-session-policer-burstsize>  
  l2tp-session-policer-burstsize  
</l2tp-session-policer-burstsize>  
<l2tp-session-firewall-filter>  
  l2tp-session-firewall-filter  
</l2tp-session-firewall-filter>  
<l2tp-session-encapsulation-overhead>  
  l2tp-session-encapsulation-overhead
```

```
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
  l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
<l2tp-session-create-time>
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</l2tp-session-create-time>
<l2tp-session-interface-name>
  l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
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  l2tp-data-tx-packets
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<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
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  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
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  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
</l2tp-session-table>
```

Description L2TP session information

<l2tp-session-entry>

Usage

```

<l2tp-per-tunnel-session-table>
<l2tp-session-table>
<l2tp-session-entry>
  <l2tp-session-local-id>
    l2tp-session-local-id
  </l2tp-session-local-id>
  <l2tp-session-remote-id>
    l2tp-session-remote-id
  </l2tp-session-remote-id>
  <l2tp-session-remote-ip>
    l2tp-session-remote-ip
  </l2tp-session-remote-ip>
  <l2tp-session-local-ip>
    l2tp-session-local-ip
  </l2tp-session-local-ip>
  <l2tp-session-state>
    l2tp-session-state
  </l2tp-session-state>
  <l2tp-session-bundle-id>
    l2tp-session-bundle-id
  </l2tp-session-bundle-id>
  <l2tp-session-user-name>
    l2tp-session-user-name
  </l2tp-session-user-name>
  <l2tp-session-own-ip>
    l2tp-session-own-ip
  </l2tp-session-own-ip>
  <l2tp-session-peer-ip>
    l2tp-session-peer-ip
  </l2tp-session-peer-ip>
  <l2tp-session-local-name>
    l2tp-session-local-name
  </l2tp-session-local-name>
  <l2tp-session-remote-name>
    l2tp-session-remote-name
  </l2tp-session-remote-name>
  <l2tp-session-mode>
    l2tp-session-mode
  </l2tp-session-mode>
  <l2tp-session-local-mru>
    l2tp-session-local-mru
  </l2tp-session-local-mru>
  <l2tp-session-remote-mru>
    l2tp-session-remote-mru
  </l2tp-session-remote-mru>
  <l2tp-session-tx-speed>
    l2tp-session-tx-speed
  </l2tp-session-tx-speed>
  <l2tp-session-rx-speed>
    l2tp-session-rx-speed

```

```
</l2tp-session-rx-speed>
<l2tp-session-bearer-type>
  l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
  l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
  l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
  l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
  l2tp-session-interface-id
</l2tp-session-interface-id>
<l2tp-session-interface-unit>
  l2tp-session-interface-unit
</l2tp-session-interface-unit>
<l2tp-session-call-serial-number>
  l2tp-session-call-serial-number
</l2tp-session-call-serial-number>
<l2tp-session-policer-bandwidth>
  l2tp-session-policer-bandwidth
</l2tp-session-policer-bandwidth>
<l2tp-session-policer-exclude-bandwidth>
  l2tp-session-policer-exclude-bandwidth
</l2tp-session-policer-exclude-bandwidth>
<l2tp-session-policer-burstsize>
  l2tp-session-policer-burstsize
</l2tp-session-policer-burstsize>
<l2tp-session-firewall-filter>
  l2tp-session-firewall-filter
</l2tp-session-firewall-filter>
<l2tp-session-encapsulation-overhead>
  l2tp-session-encapsulation-overhead
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
  l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
<l2tp-session-create-time>
  l2tp-session-create-time
</l2tp-session-create-time>
<l2tp-session-interface-name>
  l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
```

```

    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-control-tx-bytes>
    l2tp-control-tx-bytes
  </l2tp-control-tx-bytes>
  <l2tp-control-rx-bytes>
    l2tp-control-rx-bytes
  </l2tp-control-rx-bytes>
  <l2tp-data-tx-bytes>
    l2tp-data-tx-bytes
  </l2tp-data-tx-bytes>
  <l2tp-data-rx-bytes>
    l2tp-data-rx-bytes
  </l2tp-data-rx-bytes>
  <l2tp-error-tx-packets>
    l2tp-error-tx-packets
  </l2tp-error-tx-packets>
  <l2tp-error-rx-packets>
    l2tp-error-rx-packets
  </l2tp-error-rx-packets>
  <l2tp-create-time>
    l2tp-create-time
  </l2tp-create-time>
  <l2tp-up-time>
    l2tp-up-time
  </l2tp-up-time>
  <l2tp-idle-time>
    l2tp-idle-time
  </l2tp-idle-time>
</l2tp-session-entry>
</l2tp-session-table>
</l2tp-per-tunnel-session-table>

```

Description L2TP session information

<l2tp-session-entry>

Usage

```

<l2tp-multilink-links>
  <l2tp-session-entry>
    <l2tp-session-local-id>
      l2tp-session-local-id
    </l2tp-session-local-id>
    <l2tp-session-remote-id>
      l2tp-session-remote-id
    </l2tp-session-remote-id>
    <l2tp-session-remote-ip>
      l2tp-session-remote-ip
    </l2tp-session-remote-ip>
    <l2tp-session-local-ip>
      l2tp-session-local-ip

```

```
</l2tp-session-local-ip>
<l2tp-session-state>
  l2tp-session-state
</l2tp-session-state>
<l2tp-session-bundle-id>
  l2tp-session-bundle-id
</l2tp-session-bundle-id>
<l2tp-session-user-name>
  l2tp-session-user-name
</l2tp-session-user-name>
<l2tp-session-own-ip>
  l2tp-session-own-ip
</l2tp-session-own-ip>
<l2tp-session-peer-ip>
  l2tp-session-peer-ip
</l2tp-session-peer-ip>
<l2tp-session-local-name>
  l2tp-session-local-name
</l2tp-session-local-name>
<l2tp-session-remote-name>
  l2tp-session-remote-name
</l2tp-session-remote-name>
<l2tp-session-mode>
  l2tp-session-mode
</l2tp-session-mode>
<l2tp-session-local-mru>
  l2tp-session-local-mru
</l2tp-session-local-mru>
<l2tp-session-remote-mru>
  l2tp-session-remote-mru
</l2tp-session-remote-mru>
<l2tp-session-tx-speed>
  l2tp-session-tx-speed
</l2tp-session-tx-speed>
<l2tp-session-rx-speed>
  l2tp-session-rx-speed
</l2tp-session-rx-speed>
<l2tp-session-bearer-type>
  l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
  l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
  l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
  l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
  l2tp-session-interface-id
</l2tp-session-interface-id>
<l2tp-session-interface-unit>
  l2tp-session-interface-unit
</l2tp-session-interface-unit>
<l2tp-session-call-serial-number>
```



```
    l2tp-session-call-serial-number
</l2tp-session-call-serial-number>
<l2tp-session-policer-bandwidth>
    l2tp-session-policer-bandwidth
</l2tp-session-policer-bandwidth>
<l2tp-session-policer-exclude-bandwidth>
    l2tp-session-policer-exclude-bandwidth
</l2tp-session-policer-exclude-bandwidth>
<l2tp-session-policer-burstsize>
    l2tp-session-policer-burstsize
</l2tp-session-policer-burstsize>
<l2tp-session-firewall-filter>
    l2tp-session-firewall-filter
</l2tp-session-firewall-filter>
<l2tp-session-encapsulation-overhead>
    l2tp-session-encapsulation-overhead
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
    l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
<l2tp-session-create-time>
    l2tp-session-create-time
</l2tp-session-create-time>
<l2tp-session-interface-name>
    l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
    l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
    l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
    l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
    l2tp-data-tx-packets
</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
    l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
    l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
    l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
    l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
    l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
    l2tp-error-tx-packets
</l2tp-error-tx-packets>
```

```
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
</l2tp-multilink-links>
```

Description L2TP session information

<l2tp-session-entry>

Usage

```
<l2tp-multilink-entry>
<l2tp-multilink-links>
  <l2tp-session-entry>
    <l2tp-session-local-id>
      l2tp-session-local-id
    </l2tp-session-local-id>
    <l2tp-session-remote-id>
      l2tp-session-remote-id
    </l2tp-session-remote-id>
    <l2tp-session-remote-ip>
      l2tp-session-remote-ip
    </l2tp-session-remote-ip>
    <l2tp-session-local-ip>
      l2tp-session-local-ip
    </l2tp-session-local-ip>
    <l2tp-session-state>
      l2tp-session-state
    </l2tp-session-state>
    <l2tp-session-bundle-id>
      l2tp-session-bundle-id
    </l2tp-session-bundle-id>
    <l2tp-session-user-name>
      l2tp-session-user-name
    </l2tp-session-user-name>
    <l2tp-session-own-ip>
      l2tp-session-own-ip
    </l2tp-session-own-ip>
    <l2tp-session-peer-ip>
      l2tp-session-peer-ip
    </l2tp-session-peer-ip>
    <l2tp-session-local-name>
      l2tp-session-local-name
    </l2tp-session-local-name>
    <l2tp-session-remote-name>
```

```
    l2tp-session-remote-name
</l2tp-session-remote-name>
<l2tp-session-mode>
    l2tp-session-mode
</l2tp-session-mode>
<l2tp-session-local-mru>
    l2tp-session-local-mru
</l2tp-session-local-mru>
<l2tp-session-remote-mru>
    l2tp-session-remote-mru
</l2tp-session-remote-mru>
<l2tp-session-tx-speed>
    l2tp-session-tx-speed
</l2tp-session-tx-speed>
<l2tp-session-rx-speed>
    l2tp-session-rx-speed
</l2tp-session-rx-speed>
<l2tp-session-bearer-type>
    l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
    l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
    l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
    l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
    l2tp-session-interface-id
</l2tp-session-interface-id>
<l2tp-session-interface-unit>
    l2tp-session-interface-unit
</l2tp-session-interface-unit>
<l2tp-session-call-serial-number>
    l2tp-session-call-serial-number
</l2tp-session-call-serial-number>
<l2tp-session-policer-bandwidth>
    l2tp-session-policer-bandwidth
</l2tp-session-policer-bandwidth>
<l2tp-session-policer-exclude-bandwidth>
    l2tp-session-policer-exclude-bandwidth
</l2tp-session-policer-exclude-bandwidth>
<l2tp-session-policer-burstsize>
    l2tp-session-policer-burstsize
</l2tp-session-policer-burstsize>
<l2tp-session-firewall-filter>
    l2tp-session-firewall-filter
</l2tp-session-firewall-filter>
<l2tp-session-encapsulation-overhead>
    l2tp-session-encapsulation-overhead
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
    l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
```

```
<l2tp-session-create-time>
  l2tp-session-create-time
</l2tp-session-create-time>
<l2tp-session-interface-name>
  l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
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  l2tp-data-tx-packets
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<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
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</l2tp-create-time>
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  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
</l2tp-multilink-links>
</l2tp-multilink-entry>
```

Description L2TP session information

<l2tp-session-entry>

Usage

```

<service-l2tp-session-information>
  <l2tp-per-tunnel-session-table>
    <l2tp-session-table>
      <l2tp-session-entry>
        <l2tp-session-local-id>
          l2tp-session-local-id
        </l2tp-session-local-id>
        <l2tp-session-remote-id>
          l2tp-session-remote-id
        </l2tp-session-remote-id>
        <l2tp-session-remote-ip>
          l2tp-session-remote-ip
        </l2tp-session-remote-ip>
        <l2tp-session-local-ip>
          l2tp-session-local-ip
        </l2tp-session-local-ip>
        <l2tp-session-state>
          l2tp-session-state
        </l2tp-session-state>
        <l2tp-session-bundle-id>
          l2tp-session-bundle-id
        </l2tp-session-bundle-id>
        <l2tp-session-user-name>
          l2tp-session-user-name
        </l2tp-session-user-name>
        <l2tp-session-own-ip>
          l2tp-session-own-ip
        </l2tp-session-own-ip>
        <l2tp-session-peer-ip>
          l2tp-session-peer-ip
        </l2tp-session-peer-ip>
        <l2tp-session-local-name>
          l2tp-session-local-name
        </l2tp-session-local-name>
        <l2tp-session-remote-name>
          l2tp-session-remote-name
        </l2tp-session-remote-name>
        <l2tp-session-mode>
          l2tp-session-mode
        </l2tp-session-mode>
        <l2tp-session-local-mru>
          l2tp-session-local-mru
        </l2tp-session-local-mru>
        <l2tp-session-remote-mru>
          l2tp-session-remote-mru
        </l2tp-session-remote-mru>
        <l2tp-session-tx-speed>
          l2tp-session-tx-speed
        </l2tp-session-tx-speed>
        <l2tp-session-rx-speed>
          l2tp-session-rx-speed
        </l2tp-session-rx-speed>

```

```
<l2tp-session-bearer-type>
  l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
  l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
  l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
  l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
  l2tp-session-interface-id
</l2tp-session-interface-id>
<l2tp-session-interface-unit>
  l2tp-session-interface-unit
</l2tp-session-interface-unit>
<l2tp-session-call-serial-number>
  l2tp-session-call-serial-number
</l2tp-session-call-serial-number>
<l2tp-session-policer-bandwidth>
  l2tp-session-policer-bandwidth
</l2tp-session-policer-bandwidth>
<l2tp-session-policer-exclude-bandwidth>
  l2tp-session-policer-exclude-bandwidth
</l2tp-session-policer-exclude-bandwidth>
<l2tp-session-policer-burstsize>
  l2tp-session-policer-burstsize
</l2tp-session-policer-burstsize>
<l2tp-session-firewall-filter>
  l2tp-session-firewall-filter
</l2tp-session-firewall-filter>
<l2tp-session-encapsulation-overhead>
  l2tp-session-encapsulation-overhead
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
  l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
<l2tp-session-create-time>
  l2tp-session-create-time
</l2tp-session-create-time>
<l2tp-session-interface-name>
  l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
  l2tp-data-tx-packets
```

```

</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
</l2tp-session-table>
</l2tp-per-tunnel-session-table>
</service-l2tp-session-information>

```

Description L2TP session information

<l2tp-session-entry>

Usage

```

<services-l2tp-multilink-information>
  <l2tp-multilink-entry>
    <l2tp-multilink-links>
      <l2tp-session-entry>
        <l2tp-session-local-id>
          l2tp-session-local-id
        </l2tp-session-local-id>
        <l2tp-session-remote-id>
          l2tp-session-remote-id
        </l2tp-session-remote-id>
        <l2tp-session-remote-ip>
          l2tp-session-remote-ip
        </l2tp-session-remote-ip>
      </l2tp-session-entry>
    </l2tp-multilink-links>
  </l2tp-multilink-entry>
</services-l2tp-multilink-information>

```

```
<l2tp-session-local-ip>
  l2tp-session-local-ip
</l2tp-session-local-ip>
<l2tp-session-state>
  l2tp-session-state
</l2tp-session-state>
<l2tp-session-bundle-id>
  l2tp-session-bundle-id
</l2tp-session-bundle-id>
<l2tp-session-user-name>
  l2tp-session-user-name
</l2tp-session-user-name>
<l2tp-session-own-ip>
  l2tp-session-own-ip
</l2tp-session-own-ip>
<l2tp-session-peer-ip>
  l2tp-session-peer-ip
</l2tp-session-peer-ip>
<l2tp-session-local-name>
  l2tp-session-local-name
</l2tp-session-local-name>
<l2tp-session-remote-name>
  l2tp-session-remote-name
</l2tp-session-remote-name>
<l2tp-session-mode>
  l2tp-session-mode
</l2tp-session-mode>
<l2tp-session-local-mru>
  l2tp-session-local-mru
</l2tp-session-local-mru>
<l2tp-session-remote-mru>
  l2tp-session-remote-mru
</l2tp-session-remote-mru>
<l2tp-session-tx-speed>
  l2tp-session-tx-speed
</l2tp-session-tx-speed>
<l2tp-session-rx-speed>
  l2tp-session-rx-speed
</l2tp-session-rx-speed>
<l2tp-session-bearer-type>
  l2tp-session-bearer-type
</l2tp-session-bearer-type>
<l2tp-session-framing-type>
  l2tp-session-framing-type
</l2tp-session-framing-type>
<l2tp-session-lcp-renegotiation>
  l2tp-session-lcp-renegotiation
</l2tp-session-lcp-renegotiation>
<l2tp-session-authentication>
  l2tp-session-authentication
</l2tp-session-authentication>
<l2tp-session-interface-id>
  l2tp-session-interface-id
</l2tp-session-interface-id>
<l2tp-session-interface-unit>
  l2tp-session-interface-unit
```



```
</l2tp-session-interface-unit>
<l2tp-session-call-serial-number>
  l2tp-session-call-serial-number
</l2tp-session-call-serial-number>
<l2tp-session-policer-bandwidth>
  l2tp-session-policer-bandwidth
</l2tp-session-policer-bandwidth>
<l2tp-session-policer-exclude-bandwidth>
  l2tp-session-policer-exclude-bandwidth
</l2tp-session-policer-exclude-bandwidth>
<l2tp-session-policer-burstsize>
  l2tp-session-policer-burstsize
</l2tp-session-policer-burstsize>
<l2tp-session-firewall-filter>
  l2tp-session-firewall-filter
</l2tp-session-firewall-filter>
<l2tp-session-encapsulation-overhead>
  l2tp-session-encapsulation-overhead
</l2tp-session-encapsulation-overhead>
<l2tp-session-cell-overhead>
  l2tp-session-cell-overhead
</l2tp-session-cell-overhead>
<l2tp-session-create-time>
  l2tp-session-create-time
</l2tp-session-create-time>
<l2tp-session-interface-name>
  l2tp-session-interface-name
</l2tp-session-interface-name>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
  l2tp-data-tx-packets
</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
```

```
l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
l2tp-idle-time
</l2tp-idle-time>
</l2tp-session-entry>
</l2tp-multilink-links>
</l2tp-multilink-entry>
</services-l2tp-multilink-information>
```

Description L2TP session information

<l2tp-session-table>

Usage

```
<l2tp-session-table>
<l2tp-session-entry>....</l2tp-session-entry>
</l2tp-session-table>
```

Description L2TP session table sorted by tunnel ID

<l2tp-session-table>

Usage

```
<l2tp-per-tunnel-session-table>
<l2tp-session-table>
<l2tp-session-entry>....</l2tp-session-entry>
</l2tp-session-table>
</l2tp-per-tunnel-session-table>
```

Description L2TP session table sorted by tunnel ID

<l2tp-session-table>

Usage

```
<service-l2tp-session-information>
<l2tp-per-tunnel-session-table>
<l2tp-session-table>
<l2tp-session-entry>....</l2tp-session-entry>
</l2tp-session-table>
</l2tp-per-tunnel-session-table>
```

```
</service-l2tp-session-information>
```

Description L2TP session table sorted by tunnel ID

<l2tp-summary-table>

Usage

```
<l2tp-summary-table>
  <l2tp-destinations>
    l2tp-destinations
  </l2tp-destinations>
  <l2tp-tunnels>
    l2tp-tunnels
  </l2tp-tunnels>
  <l2tp-sessions>
    l2tp-sessions
  </l2tp-sessions>
  <l2tp-error-tx-packets>
    l2tp-error-tx-packets
  </l2tp-error-tx-packets>
  <l2tp-error-rx-packets>
    l2tp-error-rx-packets
  </l2tp-error-rx-packets>
  <l2tp-control-tx-packets>
    l2tp-control-tx-packets
  </l2tp-control-tx-packets>
  <l2tp-control-rx-packets>
    l2tp-control-rx-packets
  </l2tp-control-rx-packets>
  <l2tp-interface-error-tx-packets>
    l2tp-interface-error-tx-packets
  </l2tp-interface-error-tx-packets>
  <l2tp-interface-error-rx-packets>
    l2tp-interface-error-rx-packets
  </l2tp-interface-error-rx-packets>
  <l2tp-interface-control-tx-packets>
    l2tp-interface-control-tx-packets
  </l2tp-interface-control-tx-packets>
  <l2tp-interface-control-rx-packets>
    l2tp-interface-control-rx-packets
  </l2tp-interface-control-rx-packets>
  <l2tp-control-memory-bytes>
    l2tp-control-memory-bytes
  </l2tp-control-memory-bytes>
  <l2tp-data-tx-packets>
    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-interface-data-tx-packets>
    l2tp-interface-data-tx-packets
  </l2tp-interface-data-tx-packets>
  <l2tp-interface-data-rx-packets>
```

```
    l2tp-interface-data-rx-packets
  </l2tp-interface-data-rx-packets>
  <l2tp-data-memory-bytes>
    l2tp-data-memory-bytes
  </l2tp-data-memory-bytes>
  <l2tp-interface-name>
    l2tp-interface-name
  </l2tp-interface-name>
  <l2tp-failover-preference-level>
    l2tp-failover-preference-level
  </l2tp-failover-preference-level>
  <l2tp-weighted-load-balancing>
    l2tp-weighted-load-balancing
  </l2tp-weighted-load-balancing>
  <l2tp-tunnel-authentication-challenge>
    l2tp-tunnel-authentication-challenge
  </l2tp-tunnel-authentication-challenge>
  <l2tp-calling-number-avp>
    l2tp-calling-number-avp
  </l2tp-calling-number-avp>
</l2tp-summary-table>
```

Description L2TP summary

<l2tp-summary-table>

Usage

```
<service-l2tp-summary-information>
  <l2tp-summary-table>
    <l2tp-destinations>
      l2tp-destinations
    </l2tp-destinations>
    <l2tp-tunnels>
      l2tp-tunnels
    </l2tp-tunnels>
    <l2tp-sessions>
      l2tp-sessions
    </l2tp-sessions>
    <l2tp-error-tx-packets>
      l2tp-error-tx-packets
    </l2tp-error-tx-packets>
    <l2tp-error-rx-packets>
      l2tp-error-rx-packets
    </l2tp-error-rx-packets>
    <l2tp-control-tx-packets>
      l2tp-control-tx-packets
    </l2tp-control-tx-packets>
    <l2tp-control-rx-packets>
      l2tp-control-rx-packets
    </l2tp-control-rx-packets>
    <l2tp-interface-error-tx-packets>
      l2tp-interface-error-tx-packets
    </l2tp-interface-error-tx-packets>
    <l2tp-interface-error-rx-packets>
```

```

    l2tp-interface-error-rx-packets
  </l2tp-interface-error-rx-packets>
  <l2tp-interface-control-tx-packets>
    l2tp-interface-control-tx-packets
  </l2tp-interface-control-tx-packets>
  <l2tp-interface-control-rx-packets>
    l2tp-interface-control-rx-packets
  </l2tp-interface-control-rx-packets>
  <l2tp-control-memory-bytes>
    l2tp-control-memory-bytes
  </l2tp-control-memory-bytes>
  <l2tp-data-tx-packets>
    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-interface-data-tx-packets>
    l2tp-interface-data-tx-packets
  </l2tp-interface-data-tx-packets>
  <l2tp-interface-data-rx-packets>
    l2tp-interface-data-rx-packets
  </l2tp-interface-data-rx-packets>
  <l2tp-data-memory-bytes>
    l2tp-data-memory-bytes
  </l2tp-data-memory-bytes>
  <l2tp-interface-name>
    l2tp-interface-name
  </l2tp-interface-name>
  <l2tp-failover-preference-level>
    l2tp-failover-preference-level
  </l2tp-failover-preference-level>
  <l2tp-weighted-load-balancing>
    l2tp-weighted-load-balancing
  </l2tp-weighted-load-balancing>
  <l2tp-tunnel-authentication-challenge>
    l2tp-tunnel-authentication-challenge
  </l2tp-tunnel-authentication-challenge>
  <l2tp-calling-number-avp>
    l2tp-calling-number-avp
  </l2tp-calling-number-avp>
</l2tp-summary-table>
</service-l2tp-summary-information>

```

Description L2TP summary

<l2tp-tunnel-clear-entry>

Usage

```

<l2tp-tunnel-clear-entry>
  <l2tp-tunnel-local-id>
    l2tp-tunnel-local-id
  </l2tp-tunnel-local-id>

```

</l2tp-tunnel-clear-entry>

Description L2TP cleared tunnel information

<l2tp-tunnel-clear-entry>

Usage

```
<service-l2tp-tunnel-clear-information>
  <l2tp-tunnel-clear-entry>
    <l2tp-tunnel-local-id>
      l2tp-tunnel-local-id
    </l2tp-tunnel-local-id>
  </l2tp-tunnel-clear-entry>
</service-l2tp-tunnel-clear-information>
```

Description L2TP cleared tunnel information

<l2tp-tunnel-entry>

Usage

```
<l2tp-tunnel-entry>
  <l2tp-tunnel-local-id>
    l2tp-tunnel-local-id
  </l2tp-tunnel-local-id>
  <l2tp-tunnel-remote-id>
    l2tp-tunnel-remote-id
  </l2tp-tunnel-remote-id>
  <l2tp-tunnel-remote-ip>
    l2tp-tunnel-remote-ip
  </l2tp-tunnel-remote-ip>
  <l2tp-tunnel-state>
    l2tp-tunnel-state
  </l2tp-tunnel-state>
  <l2tp-tunnel-session-count>
    l2tp-tunnel-session-count
  </l2tp-tunnel-session-count>
  <l2tp-tunnel-local-ip>
    l2tp-tunnel-local-ip
  </l2tp-tunnel-local-ip>
  <l2tp-tunnel-remote-name>
    l2tp-tunnel-remote-name
  </l2tp-tunnel-remote-name>
  <l2tp-tunnel-local-name>
    l2tp-tunnel-local-name
  </l2tp-tunnel-local-name>
  <l2tp-tunnel-maximum-sessions>
    l2tp-tunnel-maximum-sessions
  </l2tp-tunnel-maximum-sessions>
  <l2tp-tunnel-window-size>
    l2tp-tunnel-window-size
  </l2tp-tunnel-window-size>
  <l2tp-tunnel-hello-interval>
    l2tp-tunnel-hello-interval
```

```

</l2tp-tunnel-hello-interval>
<l2tp-tunnel-tos-reflect>
  l2tp-tunnel-tos-reflect
</l2tp-tunnel-tos-reflect>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
  l2tp-data-tx-packets
</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-tunnel-entry>

```

Description L2TP tunnel information

<l2tp-tunnel-entry>

Usage

<l2tp-tunnel-table>

```
<l2tp-tunnel-entry>
  <l2tp-tunnel-local-id>
    l2tp-tunnel-local-id
  </l2tp-tunnel-local-id>
  <l2tp-tunnel-remote-id>
    l2tp-tunnel-remote-id
  </l2tp-tunnel-remote-id>
  <l2tp-tunnel-remote-ip>
    l2tp-tunnel-remote-ip
  </l2tp-tunnel-remote-ip>
  <l2tp-tunnel-state>
    l2tp-tunnel-state
  </l2tp-tunnel-state>
  <l2tp-tunnel-session-count>
    l2tp-tunnel-session-count
  </l2tp-tunnel-session-count>
  <l2tp-tunnel-local-ip>
    l2tp-tunnel-local-ip
  </l2tp-tunnel-local-ip>
  <l2tp-tunnel-remote-name>
    l2tp-tunnel-remote-name
  </l2tp-tunnel-remote-name>
  <l2tp-tunnel-local-name>
    l2tp-tunnel-local-name
  </l2tp-tunnel-local-name>
  <l2tp-tunnel-maximum-sessions>
    l2tp-tunnel-maximum-sessions
  </l2tp-tunnel-maximum-sessions>
  <l2tp-tunnel-window-size>
    l2tp-tunnel-window-size
  </l2tp-tunnel-window-size>
  <l2tp-tunnel-hello-interval>
    l2tp-tunnel-hello-interval
  </l2tp-tunnel-hello-interval>
  <l2tp-tunnel-tos-reflect>
    l2tp-tunnel-tos-reflect
  </l2tp-tunnel-tos-reflect>
  <l2tp-statistics-since>
    l2tp-statistics-since
  </l2tp-statistics-since>
  <l2tp-control-tx-packets>
    l2tp-control-tx-packets
  </l2tp-control-tx-packets>
  <l2tp-control-rx-packets>
    l2tp-control-rx-packets
  </l2tp-control-rx-packets>
  <l2tp-data-tx-packets>
    l2tp-data-tx-packets
  </l2tp-data-tx-packets>
  <l2tp-data-rx-packets>
    l2tp-data-rx-packets
  </l2tp-data-rx-packets>
  <l2tp-control-tx-bytes>
    l2tp-control-tx-bytes
  </l2tp-control-tx-bytes>
  <l2tp-control-rx-bytes>
```



```

    l2tp-control-rx-bytes
  </l2tp-control-rx-bytes>
  <l2tp-data-tx-bytes>
    l2tp-data-tx-bytes
  </l2tp-data-tx-bytes>
  <l2tp-data-rx-bytes>
    l2tp-data-rx-bytes
  </l2tp-data-rx-bytes>
  <l2tp-error-tx-packets>
    l2tp-error-tx-packets
  </l2tp-error-tx-packets>
  <l2tp-error-rx-packets>
    l2tp-error-rx-packets
  </l2tp-error-rx-packets>
  <l2tp-create-time>
    l2tp-create-time
  </l2tp-create-time>
  <l2tp-up-time>
    l2tp-up-time
  </l2tp-up-time>
  <l2tp-idle-time>
    l2tp-idle-time
  </l2tp-idle-time>
</l2tp-tunnel-entry>
</l2tp-tunnel-table>

```

Description L2TP tunnel information

<l2tp-tunnel-entry>

Usage

```

<l2tp-per-tunnel-group-tunnel-table>
<l2tp-tunnel-table>
  <l2tp-tunnel-entry>
    <l2tp-tunnel-local-id>
      l2tp-tunnel-local-id
    </l2tp-tunnel-local-id>
    <l2tp-tunnel-remote-id>
      l2tp-tunnel-remote-id
    </l2tp-tunnel-remote-id>
    <l2tp-tunnel-remote-ip>
      l2tp-tunnel-remote-ip
    </l2tp-tunnel-remote-ip>
    <l2tp-tunnel-state>
      l2tp-tunnel-state
    </l2tp-tunnel-state>
    <l2tp-tunnel-session-count>
      l2tp-tunnel-session-count
    </l2tp-tunnel-session-count>
    <l2tp-tunnel-local-ip>
      l2tp-tunnel-local-ip
    </l2tp-tunnel-local-ip>
    <l2tp-tunnel-remote-name>
      l2tp-tunnel-remote-name

```

```
</l2tp-tunnel-remote-name>
<l2tp-tunnel-local-name>
  l2tp-tunnel-local-name
</l2tp-tunnel-local-name>
<l2tp-tunnel-maximum-sessions>
  l2tp-tunnel-maximum-sessions
</l2tp-tunnel-maximum-sessions>
<l2tp-tunnel-window-size>
  l2tp-tunnel-window-size
</l2tp-tunnel-window-size>
<l2tp-tunnel-hello-interval>
  l2tp-tunnel-hello-interval
</l2tp-tunnel-hello-interval>
<l2tp-tunnel-tos-reflect>
  l2tp-tunnel-tos-reflect
</l2tp-tunnel-tos-reflect>
<l2tp-statistics-since>
  l2tp-statistics-since
</l2tp-statistics-since>
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
  l2tp-data-tx-packets
</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
```

```

        l2tp-idle-time
      </l2tp-idle-time>
    </l2tp-tunnel-entry>
  </l2tp-tunnel-table>
</l2tp-per-tunnel-group-tunnel-table>

```

Description L2TP tunnel information

<l2tp-tunnel-entry>

Usage

```

<service-l2tp-tunnel-information>
  <l2tp-per-tunnel-group-tunnel-table>
    <l2tp-tunnel-table>
      <l2tp-tunnel-entry>
        <l2tp-tunnel-local-id>
          l2tp-tunnel-local-id
        </l2tp-tunnel-local-id>
        <l2tp-tunnel-remote-id>
          l2tp-tunnel-remote-id
        </l2tp-tunnel-remote-id>
        <l2tp-tunnel-remote-ip>
          l2tp-tunnel-remote-ip
        </l2tp-tunnel-remote-ip>
        <l2tp-tunnel-state>
          l2tp-tunnel-state
        </l2tp-tunnel-state>
        <l2tp-tunnel-session-count>
          l2tp-tunnel-session-count
        </l2tp-tunnel-session-count>
        <l2tp-tunnel-local-ip>
          l2tp-tunnel-local-ip
        </l2tp-tunnel-local-ip>
        <l2tp-tunnel-remote-name>
          l2tp-tunnel-remote-name
        </l2tp-tunnel-remote-name>
        <l2tp-tunnel-local-name>
          l2tp-tunnel-local-name
        </l2tp-tunnel-local-name>
        <l2tp-tunnel-maximum-sessions>
          l2tp-tunnel-maximum-sessions
        </l2tp-tunnel-maximum-sessions>
        <l2tp-tunnel-window-size>
          l2tp-tunnel-window-size
        </l2tp-tunnel-window-size>
        <l2tp-tunnel-hello-interval>
          l2tp-tunnel-hello-interval
        </l2tp-tunnel-hello-interval>
        <l2tp-tunnel-tos-reflect>
          l2tp-tunnel-tos-reflect
        </l2tp-tunnel-tos-reflect>
        <l2tp-statistics-since>
          l2tp-statistics-since
        </l2tp-statistics-since>
      </l2tp-tunnel-entry>
    </l2tp-tunnel-table>
  </l2tp-per-tunnel-group-tunnel-table>
</service-l2tp-tunnel-information>

```

```
<l2tp-control-tx-packets>
  l2tp-control-tx-packets
</l2tp-control-tx-packets>
<l2tp-control-rx-packets>
  l2tp-control-rx-packets
</l2tp-control-rx-packets>
<l2tp-data-tx-packets>
  l2tp-data-tx-packets
</l2tp-data-tx-packets>
<l2tp-data-rx-packets>
  l2tp-data-rx-packets
</l2tp-data-rx-packets>
<l2tp-control-tx-bytes>
  l2tp-control-tx-bytes
</l2tp-control-tx-bytes>
<l2tp-control-rx-bytes>
  l2tp-control-rx-bytes
</l2tp-control-rx-bytes>
<l2tp-data-tx-bytes>
  l2tp-data-tx-bytes
</l2tp-data-tx-bytes>
<l2tp-data-rx-bytes>
  l2tp-data-rx-bytes
</l2tp-data-rx-bytes>
<l2tp-error-tx-packets>
  l2tp-error-tx-packets
</l2tp-error-tx-packets>
<l2tp-error-rx-packets>
  l2tp-error-rx-packets
</l2tp-error-rx-packets>
<l2tp-create-time>
  l2tp-create-time
</l2tp-create-time>
<l2tp-up-time>
  l2tp-up-time
</l2tp-up-time>
<l2tp-idle-time>
  l2tp-idle-time
</l2tp-idle-time>
</l2tp-tunnel-entry>
</l2tp-tunnel-table>
</l2tp-per-tunnel-group-tunnel-table>
</service-l2tp-tunnel-information>
```

Description L2TP tunnel information

<l2tp-tunnel-table>

Usage

```
<l2tp-tunnel-table>
  <l2tp-tunnel-entry>....</l2tp-tunnel-entry>
</l2tp-tunnel-table>
```

Description L2TP tunnel table sorted by tunnel group

<l2tp-tunnel-table>

Usage

```
<l2tp-per-tunnel-group-tunnel-table>
  <l2tp-tunnel-table>
    <l2tp-tunnel-entry>....</l2tp-tunnel-entry>
  </l2tp-tunnel-table>
</l2tp-per-tunnel-group-tunnel-table>
```

Description L2TP tunnel table sorted by tunnel group

<l2tp-tunnel-table>

Usage

```
<service-l2tp-tunnel-information>
  <l2tp-per-tunnel-group-tunnel-table>
    <l2tp-tunnel-table>
      <l2tp-tunnel-entry>....</l2tp-tunnel-entry>
    </l2tp-tunnel-table>
  </l2tp-per-tunnel-group-tunnel-table>
</service-l2tp-tunnel-information>
```

Description L2TP tunnel table sorted by tunnel group

<load-balancer-entries>

Usage

```
<lsqinfo-cpu-usage-information>
  <load-balancer-entries>
    <load-balancer-entry>....</load-balancer-entry>
  </load-balancer-entries>
</lsqinfo-cpu-usage-information>
```

Description

<load-balancer-entry>

Usage

```
<lsqinfo-cpu-usage-information>
  <load-balancer-entries>
    <load-balancer-entry>
      <cpu-name>
        cpu-name
      </cpu-name>
      <idle>
        idle
      </idle>
      <system>
        system
      </system>
```

```
<output>
  output
</output>
<freeback>
  freeback
</freeback>
<input-1>
  input-1
</input-1>
<input-2>
  input-2
</input-2>
</load-balancer-entry>
</load-balancer-entries>
</lsqinfo-cpu-usage-information>
```

Description Load Balancer CPU usage information

<lsqinfo-cpu-usage-information>

Usage

```
<lsqinfo-cpu-usage-information>
  <cpu-role-name>
    cpu-role-name
  </cpu-role-name>
  <one-second-usage>
    one-second-usage
  </one-second-usage>
  <five-second-usage>
    five-second-usage
  </five-second-usage>
  <fragmenter-entries>....</fragmenter-entries>
  <quality-of-service-entries>....</quality-of-service-entries>
  <sequencer-entries>....</sequencer-entries>
  <load-balancer-entries>....</load-balancer-entries>
</lsqinfo-cpu-usage-information>
```

Description

<maximum-inactivity-time>

Usage

```
<pgcpd-active-configuration>
  <inactivity-timer-entry>
    <maximum-inactivity-time>
      <minimum>
        minimum
      </minimum>
      <maximum>
        maximum
      </maximum>
      <default>
        default
      </default>
```

```

    </maximum-inactivity-time>
  </inactivity-timer-entry>
</pgcpd-active-configuration>

```

Description

<maximum-inactivity-time>

Usage

```

<pgcpd-active-configuration>
  <gateway-entry>
    <inactivity-timer-entry>
      <maximum-inactivity-time>
        <minimum>
          minimum
        </minimum>
        <maximum>
          maximum
        </maximum>
        <default>
          default
        </default>
      </maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</pgcpd-active-configuration>

```

Description

<maximum-inactivity-time>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <inactivity-timer-entry>
        <maximum-inactivity-time>
          <minimum>
            minimum
          </minimum>
          <maximum>
            maximum
          </maximum>
          <default>
            default
          </default>
        </maximum-inactivity-time>
      </inactivity-timer-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<maximum-inactivity-time>

Usage

```
<service-pgcp-statistics-gateway>
  <gateway-entry>
    <inactivity-timer-entry>
      <maximum-inactivity-time>
        <minimum>
          minimum
        </minimum>
        <maximum>
          maximum
        </maximum>
        <default>
          default
        </default>
      </maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</service-pgcp-statistics-gateway>
```

Description

<maximum-inactivity-time>

Usage

```
<service-pgcp-terminations>
  <gateway-entry>
    <inactivity-timer-entry>
      <maximum-inactivity-time>
        <minimum>
          minimum
        </minimum>
        <maximum>
          maximum
        </maximum>
        <default>
          default
        </default>
      </maximum-inactivity-time>
    </inactivity-timer-entry>
  </gateway-entry>
</service-pgcp-terminations>
```

Description

<maximum-inactivity-time>

Usage

```
<service-pgcp-gates>
  <gateway-entry>
    <inactivity-timer-entry>
      <maximum-inactivity-time>
        <minimum>
```



```

        minimum
      </minimum>
      <maximum>
        maximum
      </maximum>
      <default>
        default
      </default>
    </maximum-inactivity-time>
  </inactivity-timer-entry>
</gateway-entry>
</service-pgcp-gates>

```

Description

<media-service-entry>

Usage

```

<media-service-entry>
  <media-service-name>
    media-service-name
  </media-service-name>
  <media-service-nat-pool>
    media-service-nat-pool
  </media-service-nat-pool>
</media-service-entry>

```

Description

<media-service-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <media-service-entry>
      <media-service-name>
        media-service-name
      </media-service-name>
      <media-service-nat-pool>
        media-service-nat-pool
      </media-service-nat-pool>
    </media-service-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<media-service-ref-entry>

Usage

```

<media-service-ref-entry>
  <media-service-ref-name>
    media-service-ref-name
  </media-service-ref-name>

```

</media-service-ref-entry>

Description

<media-service-ref-entry>

Usage

```
<pgcpd-active-configuration>
<virtual-interface-entry>
  <media-service-ref-entry>
    <media-service-ref-name>
      media-service-ref-name
    </media-service-ref-name>
  </media-service-ref-entry>
</virtual-interface-entry>
</pgcpd-active-configuration>
```

Description

<media-service-ref-entry>

Usage

```
<pgcpd-active-configuration>
<rule-entry>
  <media-service-ref-entry>
    <media-service-ref-name>
      media-service-ref-name
    </media-service-ref-name>
  </media-service-ref-entry>
</rule-entry>
</pgcpd-active-configuration>
```

Description

<media-service-ref-entry>

Usage

```
<pgcpd-active-configuration>
<pgcpd-config>
  <virtual-interface-entry>
    <media-service-ref-entry>
      <media-service-ref-name>
        media-service-ref-name
      </media-service-ref-name>
    </media-service-ref-entry>
  </virtual-interface-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```

Description

<media-service-ref-entry>**Usage**

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <rule-entry>
      <media-service-ref-entry>
        <media-service-ref-name>
          media-service-ref-name
        </media-service-ref-name>
      </media-service-ref-entry>
    </rule-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description**<message-counters>****Usage**

```

<sfw-stats-service-set-entry>
  <sip-alg-counters>
    <message-counters>
      <register-new>
        register-new
      </register-new>
      <invite-new>
        invite-new
      </invite-new>
      <reinvites>
        reinvites
      </reinvites>
      <invite-retransmits>
        invite-retransmits
      </invite-retransmits>
      <response-provisional>
        response-provisional
      </response-provisional>
      <response-invite-ok>
        response-invite-ok
      </response-invite-ok>
      <response-non-invite-ok>
        response-non-invite-ok
      </response-non-invite-ok>
      <response-redirect>
        response-redirect
      </response-redirect>
      <response-request-failure>
        response-request-failure
      </response-request-failure>
      <response-server-failure>
        response-server-failure
      </response-server-failure>
      <response-global-failure>
        response-global-failure

```

```
</response-global-failure>
<response-invalid>
  response-invalid
</response-invalid>
<response-retransmits>
  response-retransmits
</response-retransmits>
<ack-valid>
  ack-valid
</ack-valid>
<ack-invalid>
  ack-invalid
</ack-invalid>
<ack-retransmits>
  ack-retransmits
</ack-retransmits>
<bye-valid>
  bye-valid
</bye-valid>
<bye-invalid>
  bye-invalid
</bye-invalid>
<cancel-valid>
  cancel-valid
</cancel-valid>
<cancel-invalid>
  cancel-invalid
</cancel-invalid>
<subscribe-valid>
  subscribe-valid
</subscribe-valid>
<subscribe-invalid>
  subscribe-invalid
</subscribe-invalid>
<notify-valid>
  notify-valid
</notify-valid>
<notify-invalid>
  notify-invalid
</notify-invalid>
<options-valid>
  options-valid
</options-valid>
<options-invalid>
  options-invalid
</options-invalid>
<info-valid>
  info-valid
</info-valid>
<info-invalid>
  info-invalid
</info-invalid>
<update-valid>
  update-valid
</update-valid>
<update-invalid>
```

```

    update-invalid
  </update-invalid>
  <refer-valid>
    refer-valid
  </refer-valid>
  <refer-invalid>
    refer-invalid
  </refer-invalid>
</message-counters>
</sip-alg-counters>
</sfw-stats-service-set-entry>

```

Description SIP message counters

<message-counters>

Usage

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <sip-alg-counters>
        <message-counters>
          <register-new>
            register-new
          </register-new>
          <invite-new>
            invite-new
          </invite-new>
          <reinvites>
            reinvites
          </reinvites>
          <invite-retransmits>
            invite-retransmits
          </invite-retransmits>
          <response-provisional>
            response-provisional
          </response-provisional>
          <response-invite-ok>
            response-invite-ok
          </response-invite-ok>
          <response-non-invite-ok>
            response-non-invite-ok
          </response-non-invite-ok>
          <response-redir>
            response-redir
          </response-redir>
          <response-request-failure>
            response-request-failure
          </response-request-failure>
          <response-server-failure>
            response-server-failure
          </response-server-failure>
          <response-global-failure>
            response-global-failure

```

```
</response-global-failure>
<response-invalid>
  response-invalid
</response-invalid>
<response-retransmits>
  response-retransmits
</response-retransmits>
<ack-valid>
  ack-valid
</ack-valid>
<ack-invalid>
  ack-invalid
</ack-invalid>
<ack-retransmits>
  ack-retransmits
</ack-retransmits>
<bye-valid>
  bye-valid
</bye-valid>
<bye-invalid>
  bye-invalid
</bye-invalid>
<cancel-valid>
  cancel-valid
</cancel-valid>
<cancel-invalid>
  cancel-invalid
</cancel-invalid>
<subscribe-valid>
  subscribe-valid
</subscribe-valid>
<subscribe-invalid>
  subscribe-invalid
</subscribe-invalid>
<notify-valid>
  notify-valid
</notify-valid>
<notify-invalid>
  notify-invalid
</notify-invalid>
<options-valid>
  options-valid
</options-valid>
<options-invalid>
  options-invalid
</options-invalid>
<info-valid>
  info-valid
</info-valid>
<info-invalid>
  info-invalid
</info-invalid>
<update-valid>
  update-valid
</update-valid>
<update-invalid>
```

```

        update-invalid
      </update-invalid>
    <refer-valid>
      refer-valid
    </refer-valid>
    <refer-invalid>
      refer-invalid
    </refer-invalid>
  </message-counters>
</sip-alg-counters>
</sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description SIP message counters

<msp-alg-conv-all-entry>

Usage

```

<msp-alg-conv-all-entry>
  <client-name>
    client-name
  </client-name>
  <client-state>
    client-state
  </client-state>
  <num-groups>
    num-groups
  </num-groups>
  <parent-sess-state>
    parent-sess-state
  </parent-sess-state>
  <parent-sess-id>
    parent-sess-id
  </parent-sess-id>
  <parent-flow-protocol>
    parent-flow-protocol
  </parent-flow-protocol>
  <parent-fflow-src-ip>
    parent-fflow-src-ip
  </parent-fflow-src-ip>
  <parent-fflow-dst-ip>
    parent-fflow-dst-ip
  </parent-fflow-dst-ip>
  <parent-fflow-src-port>
    parent-fflow-src-port
  </parent-fflow-src-port>
  <parent-fflow-dst-port>
    parent-fflow-dst-port
  </parent-fflow-dst-port>
  <parent-rflow-src-ip>
    parent-rflow-src-ip
  </parent-rflow-src-ip>
  <parent-rflow-dst-ip>

```

```
    parent-rflow-dst-ip
  </parent-rflow-dst-ip>
  <parent-rflow-src-port>
    parent-rflow-src-port
  </parent-rflow-src-port>
  <parent-rflow-dst-port>
    parent-rflow-dst-port
  </parent-rflow-dst-port>
  <child-sess-id>
    child-sess-id
  </child-sess-id>
  <child-flow-protocol>
    child-flow-protocol
  </child-flow-protocol>
  <child-fflow-src-ip>
    child-fflow-src-ip
  </child-fflow-src-ip>
  <child-fflow-dst-ip>
    child-fflow-dst-ip
  </child-fflow-dst-ip>
  <child-fflow-src-port>
    child-fflow-src-port
  </child-fflow-src-port>
  <child-fflow-dst-port>
    child-fflow-dst-port
  </child-fflow-dst-port>
  <child-rflow-src-ip>
    child-rflow-src-ip
  </child-rflow-src-ip>
  <child-rflow-dst-ip>
    child-rflow-dst-ip
  </child-rflow-dst-ip>
  <child-rflow-src-port>
    child-rflow-src-port
  </child-rflow-src-port>
  <child-rflow-dst-port>
    child-rflow-dst-port
  </child-rflow-dst-port>
</msp-alg-conv-all-entry>
```

Description ALG conversations

<msp-alg-conv-all-entry>

Usage

```
<service-msp-alg-conversation-information>
  <msp-alg-conv-all-entry>
    <client-name>
      client-name
    </client-name>
    <client-state>
      client-state
    </client-state>
    <num-groups>
```



```
    num-groups
  </num-groups>
  <parent-sess-state>
    parent-sess-state
  </parent-sess-state>
  <parent-sess-id>
    parent-sess-id
  </parent-sess-id>
  <parent-flow-protocol>
    parent-flow-protocol
  </parent-flow-protocol>
  <parent-fflow-src-ip>
    parent-fflow-src-ip
  </parent-fflow-src-ip>
  <parent-fflow-dst-ip>
    parent-fflow-dst-ip
  </parent-fflow-dst-ip>
  <parent-fflow-src-port>
    parent-fflow-src-port
  </parent-fflow-src-port>
  <parent-fflow-dst-port>
    parent-fflow-dst-port
  </parent-fflow-dst-port>
  <parent-rflow-src-ip>
    parent-rflow-src-ip
  </parent-rflow-src-ip>
  <parent-rflow-dst-ip>
    parent-rflow-dst-ip
  </parent-rflow-dst-ip>
  <parent-rflow-src-port>
    parent-rflow-src-port
  </parent-rflow-src-port>
  <parent-rflow-dst-port>
    parent-rflow-dst-port
  </parent-rflow-dst-port>
  <child-sess-id>
    child-sess-id
  </child-sess-id>
  <child-flow-protocol>
    child-flow-protocol
  </child-flow-protocol>
  <child-fflow-src-ip>
    child-fflow-src-ip
  </child-fflow-src-ip>
  <child-fflow-dst-ip>
    child-fflow-dst-ip
  </child-fflow-dst-ip>
  <child-fflow-src-port>
    child-fflow-src-port
  </child-fflow-src-port>
  <child-fflow-dst-port>
    child-fflow-dst-port
  </child-fflow-dst-port>
  <child-rflow-src-ip>
    child-rflow-src-ip
  </child-rflow-src-ip>
```

```
<child-rflow-dst-ip>
  child-rflow-dst-ip
</child-rflow-dst-ip>
<child-rflow-src-port>
  child-rflow-src-port
</child-rflow-src-port>
<child-rflow-dst-port>
  child-rflow-dst-port
</child-rflow-dst-port>
</msp-alg-conv-all-entry>
</service-msp-alg-conversation-information>
```

Description ALG conversations

<msp-alg-conv-all-extensive-entry>

Usage

```
<msp-alg-conv-all-extensive-entry>
  <client-name>
    client-name
  </client-name>
  <client-state>
    client-state
  </client-state>
  <num-groups>
    num-groups
  </num-groups>
  <group-id>
    group-id
  </group-id>
  <group-state>
    group-state
  </group-state>
  <parent-sess-state>
    parent-sess-state
  </parent-sess-state>
  <parent-sess-id>
    parent-sess-id
  </parent-sess-id>
  <parent-flow-protocol>
    parent-flow-protocol
  </parent-flow-protocol>
  <parent-fflow-src-ip>
    parent-fflow-src-ip
  </parent-fflow-src-ip>
  <parent-fflow-dst-ip>
    parent-fflow-dst-ip
  </parent-fflow-dst-ip>
  <parent-fflow-src-port>
    parent-fflow-src-port
  </parent-fflow-src-port>
  <parent-fflow-dst-port>
    parent-fflow-dst-port
  </parent-fflow-dst-port>
```

```
<parent-rflow-src-ip>
  parent-rflow-src-ip
</parent-rflow-src-ip>
<parent-rflow-dst-ip>
  parent-rflow-dst-ip
</parent-rflow-dst-ip>
<parent-rflow-src-port>
  parent-rflow-src-port
</parent-rflow-src-port>
<parent-rflow-dst-port>
  parent-rflow-dst-port
</parent-rflow-dst-port>
<num-resources>
  num-resources
</num-resources>
<resource-id>
  resource-id
</resource-id>
<resource-state>
  resource-state
</resource-state>
<num-sessions>
  num-sessions
</num-sessions>
<child-sess-id>
  child-sess-id
</child-sess-id>
<child-flow-protocol>
  child-flow-protocol
</child-flow-protocol>
<child-fflow-src-ip>
  child-fflow-src-ip
</child-fflow-src-ip>
<child-fflow-dst-ip>
  child-fflow-dst-ip
</child-fflow-dst-ip>
<child-fflow-src-port>
  child-fflow-src-port
</child-fflow-src-port>
<child-fflow-dst-port>
  child-fflow-dst-port
</child-fflow-dst-port>
<child-rflow-src-ip>
  child-rflow-src-ip
</child-rflow-src-ip>
<child-rflow-dst-ip>
  child-rflow-dst-ip
</child-rflow-dst-ip>
<child-rflow-src-port>
  child-rflow-src-port
</child-rflow-src-port>
<child-rflow-dst-port>
  child-rflow-dst-port
</child-rflow-dst-port>
</msp-alg-conv-all-extensive-entry>
```

Description ALG conversations extensive

<msp-alg-conv-all-extensive-entry>

Usage

```
<service-msp-alg-conversation-information>
  <msp-alg-conv-all-extensive-entry>
    <client-name>
      client-name
    </client-name>
    <client-state>
      client-state
    </client-state>
    <num-groups>
      num-groups
    </num-groups>
    <group-id>
      group-id
    </group-id>
    <group-state>
      group-state
    </group-state>
    <parent-sess-state>
      parent-sess-state
    </parent-sess-state>
    <parent-sess-id>
      parent-sess-id
    </parent-sess-id>
    <parent-flow-protocol>
      parent-flow-protocol
    </parent-flow-protocol>
    <parent-fflow-src-ip>
      parent-fflow-src-ip
    </parent-fflow-src-ip>
    <parent-fflow-dst-ip>
      parent-fflow-dst-ip
    </parent-fflow-dst-ip>
    <parent-fflow-src-port>
      parent-fflow-src-port
    </parent-fflow-src-port>
    <parent-fflow-dst-port>
      parent-fflow-dst-port
    </parent-fflow-dst-port>
    <parent-rflow-src-ip>
      parent-rflow-src-ip
    </parent-rflow-src-ip>
    <parent-rflow-dst-ip>
      parent-rflow-dst-ip
    </parent-rflow-dst-ip>
    <parent-rflow-src-port>
      parent-rflow-src-port
    </parent-rflow-src-port>
    <parent-rflow-dst-port>
      parent-rflow-dst-port
    </parent-rflow-dst-port>
```

```

<num-resources>
  num-resources
</num-resources>
<resource-id>
  resource-id
</resource-id>
<resource-state>
  resource-state
</resource-state>
<num-sessions>
  num-sessions
</num-sessions>
<child-sess-id>
  child-sess-id
</child-sess-id>
<child-flow-protocol>
  child-flow-protocol
</child-flow-protocol>
<child-fflow-src-ip>
  child-fflow-src-ip
</child-fflow-src-ip>
<child-fflow-dst-ip>
  child-fflow-dst-ip
</child-fflow-dst-ip>
<child-fflow-src-port>
  child-fflow-src-port
</child-fflow-src-port>
<child-fflow-dst-port>
  child-fflow-dst-port
</child-fflow-dst-port>
<child-rflow-src-ip>
  child-rflow-src-ip
</child-rflow-src-ip>
<child-rflow-dst-ip>
  child-rflow-dst-ip
</child-rflow-dst-ip>
<child-rflow-src-port>
  child-rflow-src-port
</child-rflow-src-port>
<child-rflow-dst-port>
  child-rflow-dst-port
</child-rflow-dst-port>
</msp-alg-conv-all-extensive-entry>
</service-msp-alg-conversation-information>

```

Description ALG conversations extensive

<msp-alg-conv-group-num-entry>

Usage

```

<msp-alg-conv-group-num-entry>
  <group-id>
    group-id
  </group-id>

```

```
<group-is-active>
  group-is-active
</group-is-active>
<client-name>
  client-name
</client-name>
<parent-session-id>
  parent-session-id
</parent-session-id>
<group-timeout>
  group-timeout
</group-timeout>
<num-resources>
  num-resources
</num-resources>
<resource>
  resource
</resource>
</msp-alg-conv-group-num-entry>
```

Description ALG group information

<msp-alg-conv-group-num-entry>

Usage

```
<service-msp-alg-conversation-information>
  <msp-alg-conv-group-num-entry>
    <group-id>
      group-id
    </group-id>
    <group-is-active>
      group-is-active
    </group-is-active>
    <client-name>
      client-name
    </client-name>
    <parent-session-id>
      parent-session-id
    </parent-session-id>
    <group-timeout>
      group-timeout
    </group-timeout>
    <num-resources>
      num-resources
    </num-resources>
    <resource>
      resource
    </resource>
  </msp-alg-conv-group-num-entry>
</service-msp-alg-conversation-information>
```

Description ALG group information

<msp-alg-conv-groups-entry>**Usage**

```

<msp-alg-conv-groups-entry>
  <group-id>
    group-id
  </group-id>
  <group-is-active>
    group-is-active
  </group-is-active>
  <client-name>
    client-name
  </client-name>
  <num-resources>
    num-resources
  </num-resources>
  <resource-id>
    resource-id
  </resource-id>
</msp-alg-conv-groups-entry>

```

Description ALG groups

<msp-alg-conv-groups-entry>**Usage**

```

<service-msp-alg-conversation-information>
  <msp-alg-conv-groups-entry>
    <group-id>
      group-id
    </group-id>
    <group-is-active>
      group-is-active
    </group-is-active>
    <client-name>
      client-name
    </client-name>
    <num-resources>
      num-resources
    </num-resources>
    <resource-id>
      resource-id
    </resource-id>
  </msp-alg-conv-groups-entry>
</service-msp-alg-conversation-information>

```

Description ALG groups

<msp-alg-conv-resource-num-entry>**Usage**

```

<msp-alg-conv-resource-num-entry>

```

```
<resource-id>
  resource-id
</resource-id>
<resource-is-active>
  resource-is-active
</resource-is-active>
<num-sessions>
  num-sessions
</num-sessions>
<session-ids>
  session-ids
</session-ids>
<num-holes>
  num-holes
</num-holes>
<src-ip-low>
  src-ip-low
</src-ip-low>
<src-ip-high>
  src-ip-high
</src-ip-high>
<src-port-low>
  src-port-low
</src-port-low>
<src-port-high>
  src-port-high
</src-port-high>
<dst-ip-low>
  dst-ip-low
</dst-ip-low>
<dst-ip-high>
  dst-ip-high
</dst-ip-high>
<dst-port-low>
  dst-port-low
</dst-port-low>
<dst-port-high>
  dst-port-high
</dst-port-high>
<translated-src-ip>
  translated-src-ip
</translated-src-ip>
<translated-src-port>
  translated-src-port
</translated-src-port>
<translated-dst-ip>
  translated-dst-ip
</translated-dst-ip>
<translated-dst-port>
  translated-dst-port
</translated-dst-port>
<ref-count>
  ref-count
</ref-count>
<proto>
  proto
```



```

    </proto>
  </msp-alg-conv-resource-num-entry>

```

Description ALG resource information

<msp-alg-conv-resource-num-entry>

Usage

```

<service-msp-alg-conversation-information>
  <msp-alg-conv-resource-num-entry>
    <resource-id>
      resource-id
    </resource-id>
    <resource-is-active>
      resource-is-active
    </resource-is-active>
    <num-sessions>
      num-sessions
    </num-sessions>
    <session-ids>
      session-ids
    </session-ids>
    <num-holes>
      num-holes
    </num-holes>
    <src-ip-low>
      src-ip-low
    </src-ip-low>
    <src-ip-high>
      src-ip-high
    </src-ip-high>
    <src-port-low>
      src-port-low
    </src-port-low>
    <src-port-high>
      src-port-high
    </src-port-high>
    <dst-ip-low>
      dst-ip-low
    </dst-ip-low>
    <dst-ip-high>
      dst-ip-high
    </dst-ip-high>
    <dst-port-low>
      dst-port-low
    </dst-port-low>
    <dst-port-high>
      dst-port-high
    </dst-port-high>
    <translated-src-ip>
      translated-src-ip
    </translated-src-ip>
    <translated-src-port>
      translated-src-port

```

```
</translated-src-port>
<translated-dst-ip>
  translated-dst-ip
</translated-dst-ip>
<translated-dst-port>
  translated-dst-port
</translated-dst-port>
<ref-count>
  ref-count
</ref-count>
<proto>
  proto
</proto>
</msp-alg-conv-resource-num-entry>
</service-msp-alg-conversation-information>
```

Description ALG resource information

<msp-alg-conv-resources-entry>

Usage

```
<msp-alg-conv-resources-entry>
  <resource-id>
    resource-id
  </resource-id>
  <resource-is-active>
    resource-is-active
  </resource-is-active>
  <group-id>
    group-id
  </group-id>
  <client-name>
    client-name
  </client-name>
  <num-sessions>
    num-sessions
  </num-sessions>
  <session-id>
    session-id
  </session-id>
</msp-alg-conv-resources-entry>
```

Description ALG resources

<msp-alg-conv-resources-entry>

Usage

```
<service-msp-alg-conversation-information>
  <msp-alg-conv-resources-entry>
    <resource-id>
      resource-id
    </resource-id>
    <resource-is-active>
```

```

        resource-is-active
      </resource-is-active>
    <group-id>
      group-id
    </group-id>
    <client-name>
      client-name
    </client-name>
    <num-sessions>
      num-sessions
    </num-sessions>
    <session-id>
      session-id
    </session-id>
  </msp-alg-conv-resources-entry>
</service-msp-alg-conversation-information>

```

Description ALG resources

<msp-alg-conv-summary-entry>

Usage

```

<msp-alg-conv-summary-entry>
  <clients-active>
    clients-active
  </clients-active>
  <groups-active>
    groups-active
  </groups-active>
  <resources-active>
    resources-active
  </resources-active>
  <sessions-active>
    sessions-active
  </sessions-active>
</msp-alg-conv-summary-entry>

```

Description ALG conversation summary

<msp-alg-conv-summary-entry>

Usage

```

<service-msp-alg-conversation-information>
  <msp-alg-conv-summary-entry>
    <clients-active>
      clients-active
    </clients-active>
    <groups-active>
      groups-active
    </groups-active>
    <resources-active>
      resources-active
    </resources-active>
  </msp-alg-conv-summary-entry>
</service-msp-alg-conversation-information>

```

```
<sessions-active>
  sessions-active
</sessions-active>
</msp-alg-conv-summary-entry>
</service-msp-alg-conversation-information>
```

Description ALG conversation summary

<msp-alg-dce-rpc-entry>

Usage

```
<msp-alg-dce-rpc-entry>
  <dce-rpc-wrong-header>
    dce-rpc-wrong-header
  </dce-rpc-wrong-header>
  <dce-rpc-non-epm3>
    dce-rpc-non-epm3
  </dce-rpc-non-epm3>
  <dce-rpc-type-mismatch>
    dce-rpc-type-mismatch
  </dce-rpc-type-mismatch>
  <dce-rpc-id-mismatch>
    dce-rpc-id-mismatch
  </dce-rpc-id-mismatch>
  <dce-rpc-call-mismatch>
    dce-rpc-call-mismatch
  </dce-rpc-call-mismatch>
  <dce-rpc-fragment-pkts>
    dce-rpc-fragment-pkts
  </dce-rpc-fragment-pkts>
  <dce-rpc-queue-pkts>
    dce-rpc-queue-pkts
  </dce-rpc-queue-pkts>
  <dce-rpc-drop-pkts>
    dce-rpc-drop-pkts
  </dce-rpc-drop-pkts>
  <dce-rpc-released-pkts>
    dce-rpc-released-pkts
  </dce-rpc-released-pkts>
</msp-alg-dce-rpc-entry>
```

Description DCE-RPC ALG stats

<msp-alg-dce-rpc-entry>

Usage

```
<service-msp-alg-stats-information>
  <msp-alg-dce-rpc-entry>
    <dce-rpc-wrong-header>
      dce-rpc-wrong-header
    </dce-rpc-wrong-header>
    <dce-rpc-non-epm3>
      dce-rpc-non-epm3
```

```

</dce-rpc-non-epm3>
<dce-rpc-type-mismatch>
  dce-rpc-type-mismatch
</dce-rpc-type-mismatch>
<dce-rpc-id-mismatch>
  dce-rpc-id-mismatch
</dce-rpc-id-mismatch>
<dce-rpc-call-mismatch>
  dce-rpc-call-mismatch
</dce-rpc-call-mismatch>
<dce-rpc-fragment-pkts>
  dce-rpc-fragment-pkts
</dce-rpc-fragment-pkts>
<dce-rpc-queue-pkts>
  dce-rpc-queue-pkts
</dce-rpc-queue-pkts>
<dce-rpc-drop-pkts>
  dce-rpc-drop-pkts
</dce-rpc-drop-pkts>
<dce-rpc-released-pkts>
  dce-rpc-released-pkts
</dce-rpc-released-pkts>
</msp-alg-dce-rpc-entry>
</service-msp-alg-stats-information>

```

Description DCE-RPC ALG stats

<msp-alg-dce-rpc-portmap-entry>

Usage

```

<msp-alg-dce-rpc-portmap-entry>
<dce-rpc-lookup-request>
  dce-rpc-lookup-request
</dce-rpc-lookup-request>
<dce-rpc-map-request>
  dce-rpc-map-request
</dce-rpc-map-request>
<dce-rpc-lookup-reply>
  dce-rpc-lookup-reply
</dce-rpc-lookup-reply>
<dce-rpc-map-reply>
  dce-rpc-map-reply
</dce-rpc-map-reply>
<dce-rpc-fail-reply>
  dce-rpc-fail-reply
</dce-rpc-fail-reply>
</msp-alg-dce-rpc-portmap-entry>

```

Description DCE-RPC-PORTMAP ALG stats

<msp-alg-dce-rpc-portmap-entry>

Usage

```
<service-msp-alg-stats-information>
  <msp-alg-dce-rpc-portmap-entry>
    <dce-rpc-lookup-request>
      dce-rpc-lookup-request
    </dce-rpc-lookup-request>
    <dce-rpc-map-request>
      dce-rpc-map-request
    </dce-rpc-map-request>
    <dce-rpc-lookup-reply>
      dce-rpc-lookup-reply
    </dce-rpc-lookup-reply>
    <dce-rpc-map-reply>
      dce-rpc-map-reply
    </dce-rpc-map-reply>
    <dce-rpc-fail-reply>
      dce-rpc-fail-reply
    </dce-rpc-fail-reply>
  </msp-alg-dce-rpc-portmap-entry>
</service-msp-alg-stats-information>
```

Description DCE-RPC-PORTMAP ALG stats

<msp-alg-dns-entry>

Usage

```
<msp-alg-dns-entry>
  <dns-invalid-pkts>
    dns-invalid-pkts
  </dns-invalid-pkts>
  <dns-reply-pkts>
    dns-reply-pkts
  </dns-reply-pkts>
  <dns-oversize-pkts>
    dns-oversize-pkts
  </dns-oversize-pkts>
</msp-alg-dns-entry>
```

Description DNS ALG statistics

<msp-alg-dns-entry>

Usage

```
<service-msp-alg-stats-information>
  <msp-alg-dns-entry>
    <dns-invalid-pkts>
      dns-invalid-pkts
    </dns-invalid-pkts>
    <dns-reply-pkts>
      dns-reply-pkts
    </dns-reply-pkts>
  </msp-alg-dns-entry>
</service-msp-alg-stats-information>
```

```

</dns-reply-pkts>
<dns-oversize-pkts>
  dns-oversize-pkts
</dns-oversize-pkts>
</msp-alg-dns-entry>
</service-msp-alg-stats-information>

```

Description DNS ALG statistics

<msp-alg-ftp-entry>

Usage

```

<msp-alg-ftp-entry>
  <ftp-drop-pkts>
    ftp-drop-pkts
  </ftp-drop-pkts>
  <ftp-parse-fail-pkts>
    ftp-parse-fail-pkts
  </ftp-parse-fail-pkts>
  <ftp-translated-pkts>
    ftp-translated-pkts
  </ftp-translated-pkts>
</msp-alg-ftp-entry>

```

Description FTP ALG stats

<msp-alg-ftp-entry>

Usage

```

<service-msp-alg-stats-information>
  <msp-alg-ftp-entry>
    <ftp-drop-pkts>
      ftp-drop-pkts
    </ftp-drop-pkts>
    <ftp-parse-fail-pkts>
      ftp-parse-fail-pkts
    </ftp-parse-fail-pkts>
    <ftp-translated-pkts>
      ftp-translated-pkts
    </ftp-translated-pkts>
  </msp-alg-ftp-entry>
</service-msp-alg-stats-information>

```

Description FTP ALG stats

<msp-alg-pptp-entry>

Usage

```

<msp-alg-pptp-entry>
  <pptp-objects-active>
    pptp-objects-active

```

```
</pntp-objects-active>
<pntp-objects-total>
  pntp-objects-total
</pntp-objects-total>
<pntp-objects-error>
  pntp-objects-error
</pntp-objects-error>
<pntp-group-active>
  pntp-group-active
</pntp-group-active>
<pntp-group-total>
  pntp-group-total
</pntp-group-total>
<pntp-group-error>
  pntp-group-error
</pntp-group-error>
<pntp-packets-received>
  pntp-packets-received
</pntp-packets-received>
<pntp-packets-discarded>
  pntp-packets-discarded
</pntp-packets-discarded>
<pntp-packets-free>
  pntp-packets-free
</pntp-packets-free>
<pntp-ocrq-rcvd>
  pntp-ocrq-rcvd
</pntp-ocrq-rcvd>
<pntp-ocrq-discarded>
  pntp-ocrq-discarded
</pntp-ocrq-discarded>
<pntp-ocrp-rcvd>
  pntp-ocrp-rcvd
</pntp-ocrp-rcvd>
<pntp-ocrp-discarded>
  pntp-ocrp-discarded
</pntp-ocrp-discarded>
<pntp-wen-rcvd>
  pntp-wen-rcvd
</pntp-wen-rcvd>
<pntp-wen-discarded>
  pntp-wen-discarded
</pntp-wen-discarded>
<pntp-ccrq-rcvd>
  pntp-ccrq-rcvd
</pntp-ccrq-rcvd>
<pntp-cdsn-rcvd>
  pntp-cdsn-rcvd
</pntp-cdsn-rcvd>
<pntp-ccrq-discarded>
  pntp-ccrq-discarded
</pntp-ccrq-discarded>
<pntp-session-create>
  pntp-session-create
</pntp-session-create>
<pntp-session-destroy>
```



```
pptp-session-destroy
</pptp-session-destroy>
<pptp-gate-create>
  pptp-gate-create
</pptp-gate-create>
<pptp-gate-hit>
  pptp-gate-hit
</pptp-gate-hit>
<pptp-gate-timeout>
  pptp-gate-timeout
</pptp-gate-timeout>
<pptp-nat-event>
  pptp-nat-event
</pptp-nat-event>
<pptp-nat-total>
  pptp-nat-total
</pptp-nat-total>
<pptp-nat-ok>
  pptp-nat-ok
</pptp-nat-ok>
<pptp-nat-pending>
  pptp-nat-pending
</pptp-nat-pending>
<pptp-nat-fail>
  pptp-nat-fail
</pptp-nat-fail>
<pptp-rm-total>
  pptp-rm-total
</pptp-rm-total>
<pptp-rm-ok>
  pptp-rm-ok
</pptp-rm-ok>
<pptp-rm-pending>
  pptp-rm-pending
</pptp-rm-pending>
<pptp-rm-fail>
  pptp-rm-fail
</pptp-rm-fail>
<pptp-nat-async-total>
  pptp-nat-async-total
</pptp-nat-async-total>
<pptp-nat-async-invalid>
  pptp-nat-async-invalid
</pptp-nat-async-invalid>
<pptp-nat-async-error1>
  pptp-nat-async-error1
</pptp-nat-async-error1>
<pptp-nat-async-error2>
  pptp-nat-async-error2
</pptp-nat-async-error2>
<pptp-asl-hole-ok>
  pptp-asl-hole-ok
</pptp-asl-hole-ok>
<pptp-asl-hole-error>
  pptp-asl-hole-error
</pptp-asl-hole-error>
```

```
<pptp-asl-first-hit>
  pptp-asl-first-hit
</pptp-asl-first-hit>
<pptp-asl-hole-timeout>
  pptp-asl-hole-timeout
</pptp-asl-hole-timeout>
<pptp-asl-invalid>
  pptp-asl-invalid
</pptp-asl-invalid>
<pptp-nat-ctx-free>
  pptp-nat-ctx-free
</pptp-nat-ctx-free>
<pptp-create-resource-error>
  pptp-create-resource-error
</pptp-create-resource-error>
<pptp-s2c-hole-error>
  pptp-s2c-hole-error
</pptp-s2c-hole-error>
<pptp-c2s-hole-error>
  pptp-c2s-hole-error
</pptp-c2s-hole-error>
<pptp-lnbrk-error>
  pptp-lnbrk-error
</pptp-lnbrk-error>
<pptp-mpool-error>
  pptp-mpool-error
</pptp-mpool-error>
<pptp-rm-client-error>
  pptp-rm-client-error
</pptp-rm-client-error>
</msp-alg-pptp-entry>
```

Description PPTP ALG statistics

<msp-alg-pptp-entry>

Usage

```
<service-msp-alg-stats-information>
  <msp-alg-pptp-entry>
    <pptp-objects-active>
      pptp-objects-active
    </pptp-objects-active>
    <pptp-objects-total>
      pptp-objects-total
    </pptp-objects-total>
    <pptp-objects-error>
      pptp-objects-error
    </pptp-objects-error>
    <pptp-group-active>
      pptp-group-active
    </pptp-group-active>
    <pptp-group-total>
      pptp-group-total
    </pptp-group-total>
```

```
<pptp-group-error>
  pptp-group-error
</pptp-group-error>
<pptp-packets-received>
  pptp-packets-received
</pptp-packets-received>
<pptp-packets-discarded>
  pptp-packets-discarded
</pptp-packets-discarded>
<pptp-packets-free>
  pptp-packets-free
</pptp-packets-free>
<pptp-ocrq-rcvd>
  pptp-ocrq-rcvd
</pptp-ocrq-rcvd>
<pptp-ocrq-discarded>
  pptp-ocrq-discarded
</pptp-ocrq-discarded>
<pptp-ocrp-rcvd>
  pptp-ocrp-rcvd
</pptp-ocrp-rcvd>
<pptp-ocrp-discarded>
  pptp-ocrp-discarded
</pptp-ocrp-discarded>
<pptp-wen-rcvd>
  pptp-wen-rcvd
</pptp-wen-rcvd>
<pptp-wen-discarded>
  pptp-wen-discarded
</pptp-wen-discarded>
<pptp-ccrq-rcvd>
  pptp-ccrq-rcvd
</pptp-ccrq-rcvd>
<pptp-cdsn-rcvd>
  pptp-cdsn-rcvd
</pptp-cdsn-rcvd>
<pptp-ccrq-discarded>
  pptp-ccrq-discarded
</pptp-ccrq-discarded>
<pptp-session-create>
  pptp-session-create
</pptp-session-create>
<pptp-session-destroy>
  pptp-session-destroy
</pptp-session-destroy>
<pptp-gate-create>
  pptp-gate-create
</pptp-gate-create>
<pptp-gate-hit>
  pptp-gate-hit
</pptp-gate-hit>
<pptp-gate-timeout>
  pptp-gate-timeout
</pptp-gate-timeout>
<pptp-nat-event>
  pptp-nat-event
```

```
</pptp-nat-event>
<pptp-nat-total>
  pptp-nat-total
</pptp-nat-total>
<pptp-nat-ok>
  pptp-nat-ok
</pptp-nat-ok>
<pptp-nat-pending>
  pptp-nat-pending
</pptp-nat-pending>
<pptp-nat-fail>
  pptp-nat-fail
</pptp-nat-fail>
<pptp-rm-total>
  pptp-rm-total
</pptp-rm-total>
<pptp-rm-ok>
  pptp-rm-ok
</pptp-rm-ok>
<pptp-rm-pending>
  pptp-rm-pending
</pptp-rm-pending>
<pptp-rm-fail>
  pptp-rm-fail
</pptp-rm-fail>
<pptp-nat-async-total>
  pptp-nat-async-total
</pptp-nat-async-total>
<pptp-nat-async-invalid>
  pptp-nat-async-invalid
</pptp-nat-async-invalid>
<pptp-nat-async-error1>
  pptp-nat-async-error1
</pptp-nat-async-error1>
<pptp-nat-async-error2>
  pptp-nat-async-error2
</pptp-nat-async-error2>
<pptp-asl-hole-ok>
  pptp-asl-hole-ok
</pptp-asl-hole-ok>
<pptp-asl-hole-error>
  pptp-asl-hole-error
</pptp-asl-hole-error>
<pptp-asl-first-hit>
  pptp-asl-first-hit
</pptp-asl-first-hit>
<pptp-asl-hole-timeout>
  pptp-asl-hole-timeout
</pptp-asl-hole-timeout>
<pptp-asl-invalid>
  pptp-asl-invalid
</pptp-asl-invalid>
<pptp-nat-ctx-free>
  pptp-nat-ctx-free
</pptp-nat-ctx-free>
<pptp-create-resource-error>
```

```

    pptp-create-resource-error
  </pptp-create-resource-error>
  <pptp-s2c-hole-error>
    pptp-s2c-hole-error
  </pptp-s2c-hole-error>
  <pptp-c2s-hole-error>
    pptp-c2s-hole-error
  </pptp-c2s-hole-error>
  <pptp-lnbrk-error>
    pptp-lnbrk-error
  </pptp-lnbrk-error>
  <pptp-mpool-error>
    pptp-mpool-error
  </pptp-mpool-error>
  <pptp-rm-client-error>
    pptp-rm-client-error
  </pptp-rm-client-error>
</msp-alg-pptp-entry>
</service-msp-alg-stats-information>

```

Description PPTP ALG statistics

<msp-alg-rpc-entry>

Usage

```

<msp-alg-rpc-entry>
  <rpc-call-bind-version-2>
    rpc-call-bind-version-2
  </rpc-call-bind-version-2>
  <rpc-call-bind-version-3>
    rpc-call-bind-version-3
  </rpc-call-bind-version-3>
  <rpc-call-bind-version-4>
    rpc-call-bind-version-4
  </rpc-call-bind-version-4>
  <rpc-call-bind-version-error>
    rpc-call-bind-version-error
  </rpc-call-bind-version-error>
  <rpc-reply-bind-version-2>
    rpc-reply-bind-version-2
  </rpc-reply-bind-version-2>
  <rpc-reply-bind-version-3>
    rpc-reply-bind-version-3
  </rpc-reply-bind-version-3>
  <rpc-reply-bind-version-4>
    rpc-reply-bind-version-4
  </rpc-reply-bind-version-4>
  <rpc-reply-bind-version-error>
    rpc-reply-bind-version-error
  </rpc-reply-bind-version-error>
  <rpc-pkt-fragmented>
    rpc-pkt-fragmented
  </rpc-pkt-fragmented>
  <rpc-pkt-drop>

```

```
    rpc-pkt-drop
  </rpc-pkt-drop>
  <rpc-pkt-release>
    rpc-pkt-release
  </rpc-pkt-release>
</msp-alg-rpc-entry>
```

Description RPC ALG stats

<msp-alg-rpc-entry>

Usage

```
<service-msp-alg-stats-information>
  <msp-alg-rpc-entry>
    <rpc-call-bind-version-2>
      rpc-call-bind-version-2
    </rpc-call-bind-version-2>
    <rpc-call-bind-version-3>
      rpc-call-bind-version-3
    </rpc-call-bind-version-3>
    <rpc-call-bind-version-4>
      rpc-call-bind-version-4
    </rpc-call-bind-version-4>
    <rpc-call-bind-version-error>
      rpc-call-bind-version-error
    </rpc-call-bind-version-error>
    <rpc-reply-bind-version-2>
      rpc-reply-bind-version-2
    </rpc-reply-bind-version-2>
    <rpc-reply-bind-version-3>
      rpc-reply-bind-version-3
    </rpc-reply-bind-version-3>
    <rpc-reply-bind-version-4>
      rpc-reply-bind-version-4
    </rpc-reply-bind-version-4>
    <rpc-reply-bind-version-error>
      rpc-reply-bind-version-error
    </rpc-reply-bind-version-error>
    <rpc-pkt-fragmented>
      rpc-pkt-fragmented
    </rpc-pkt-fragmented>
    <rpc-pkt-drop>
      rpc-pkt-drop
    </rpc-pkt-drop>
    <rpc-pkt-release>
      rpc-pkt-release
    </rpc-pkt-release>
  </msp-alg-rpc-entry>
</service-msp-alg-stats-information>
```

Description RPC ALG stats

<msp-alg-rpc-portmap-entry>

Usage

```

<msp-alg-rpc-portmap-entry>
  <rpc-process-fail>
    rpc-process-fail
  </rpc-process-fail>
  <rpc-request>
    rpc-request
  </rpc-request>
  <rpc-call-dump>
    rpc-call-dump
  </rpc-call-dump>
  <rpc-call-callit>
    rpc-call-callit
  </rpc-call-callit>
  <rpc-reply-ok>
    rpc-reply-ok
  </rpc-reply-ok>
  <rpc-reply-dump>
    rpc-reply-dump
  </rpc-reply-dump>
  <rpc-reply-callit>
    rpc-reply-callit
  </rpc-reply-callit>
  <rpc-process-reply-deny>
    rpc-process-reply-deny
  </rpc-process-reply-deny>
  <rpc-process-reply-xid-mismatch>
    rpc-process-reply-xid-mismatch
  </rpc-process-reply-xid-mismatch>
  <rpc-pkt-ver-error>
    rpc-pkt-ver-error
  </rpc-pkt-ver-error>
  <rpc-pkt-not-rpcbind>
    rpc-pkt-not-rpcbind
  </rpc-pkt-not-rpcbind>
</msp-alg-rpc-portmap-entry>

```

Description RPC-PORTMAP ALG stats

<msp-alg-rpc-portmap-entry>

Usage

```

<service-msp-alg-stats-information>
  <msp-alg-rpc-portmap-entry>
    <rpc-process-fail>
      rpc-process-fail
    </rpc-process-fail>
    <rpc-request>
      rpc-request
    </rpc-request>
    <rpc-call-dump>
      rpc-call-dump

```

```
</rpc-call-dump>
<rpc-call-callit>
  rpc-call-callit
</rpc-call-callit>
<rpc-reply-ok>
  rpc-reply-ok
</rpc-reply-ok>
<rpc-reply-dump>
  rpc-reply-dump
</rpc-reply-dump>
<rpc-reply-callit>
  rpc-reply-callit
</rpc-reply-callit>
<rpc-process-reply-deny>
  rpc-process-reply-deny
</rpc-process-reply-deny>
<rpc-process-reply-xid-mismatch>
  rpc-process-reply-xid-mismatch
</rpc-process-reply-xid-mismatch>
<rpc-pkt-ver-error>
  rpc-pkt-ver-error
</rpc-pkt-ver-error>
<rpc-pkt-not-rpcbind>
  rpc-pkt-not-rpcbind
</rpc-pkt-not-rpcbind>
</msp-alg-rpc-portmap-entry>
</service-msp-alg-stats-information>
```

Description RPC-PORTMAP ALG stats

<msp-alg-rsh-entry>

Usage

```
<msp-alg-rsh-entry>
<rsh-invalid-pkts>
  rsh-invalid-pkts
</rsh-invalid-pkts>
<rsh-drop-pkts>
  rsh-drop-pkts
</rsh-drop-pkts>
<rsh-parse-fail-pkts>
  rsh-parse-fail-pkts
</rsh-parse-fail-pkts>
<rsh-freed-pkts>
  rsh-freed-pkts
</rsh-freed-pkts>
</msp-alg-rsh-entry>
```

Description RSH ALG stats

<msh-alg-rsh-entry>**Usage**

```

<service-msh-alg-stats-information>
  <msh-alg-rsh-entry>
    <rsh-invalid-pkts>
      rsh-invalid-pkts
    </rsh-invalid-pkts>
    <rsh-drop-pkts>
      rsh-drop-pkts
    </rsh-drop-pkts>
    <rsh-parse-fail-pkts>
      rsh-parse-fail-pkts
    </rsh-parse-fail-pkts>
    <rsh-freed-pkts>
      rsh-freed-pkts
    </rsh-freed-pkts>
  </msh-alg-rsh-entry>
</service-msh-alg-stats-information>

```

Description RSH ALG stats**<msh-alg-rtsp-entry>****Usage**

```

<msh-alg-rtsp-entry>
  <rtsp-exceed-max-data-len>
    rtsp-exceed-max-data-len
  </rtsp-exceed-max-data-len>
  <rtsp-drop-packets>
    rtsp-drop-packets
  </rtsp-drop-packets>
  <rtsp-describe-msg-cnt>
    rtsp-describe-msg-cnt
  </rtsp-describe-msg-cnt>
  <rtsp-setup-msg-cnt>
    rtsp-setup-msg-cnt
  </rtsp-setup-msg-cnt>
  <rtsp-teardown-msg-cnt>
    rtsp-teardown-msg-cnt
  </rtsp-teardown-msg-cnt>
</msh-alg-rtsp-entry>

```

Description RTSP ALG statistics**<msh-alg-rtsp-entry>****Usage**

```

<service-msh-alg-stats-information>
  <msh-alg-rtsp-entry>
    <rtsp-exceed-max-data-len>
      rtsp-exceed-max-data-len

```

```
</rtsp-exceed-max-data-len>
<rtsp-drop-packets>
  rtsp-drop-packets
</rtsp-drop-packets>
<rtsp-describe-msg-cnt>
  rtsp-describe-msg-cnt
</rtsp-describe-msg-cnt>
<rtsp-setup-msg-cnt>
  rtsp-setup-msg-cnt
</rtsp-setup-msg-cnt>
<rtsp-teardown-msg-cnt>
  rtsp-teardown-msg-cnt
</rtsp-teardown-msg-cnt>
</msp-alg-rtsp-entry>
</service-msp-alg-stats-information>
```

Description RTSP ALG statistics

<msp-alg-sql-entry>

Usage

```
<msp-alg-sql-entry>
<sql-rcvd-pkts>
  sql-rcvd-pkts
</sql-rcvd-pkts>
<sql-parse-fail-pkts>
  sql-parse-fail-pkts
</sql-parse-fail-pkts>
<sql-freed-pkts>
  sql-freed-pkts
</sql-freed-pkts>
<sql-gate-fail-errs>
  sql-gate-fail-errs
</sql-gate-fail-errs>
</msp-alg-sql-entry>
```

Description SQLNET ALG statistics

<msp-alg-sql-entry>

Usage

```
<service-msp-alg-stats-information>
<msp-alg-sql-entry>
<sql-rcvd-pkts>
  sql-rcvd-pkts
</sql-rcvd-pkts>
<sql-parse-fail-pkts>
  sql-parse-fail-pkts
</sql-parse-fail-pkts>
<sql-freed-pkts>
  sql-freed-pkts
</sql-freed-pkts>
<sql-gate-fail-errs>
```

```

        sql-gate-fail-errs
      </sql-gate-fail-errs>
    </msp-alg-sql-entry>
  </service-msp-alg-stats-information>

```

Description SQLNET ALG statistics

<msp-alg-talk-entry>

Usage

```

<msp-alg-talk-entry>
  <talk-lookup-pkts>
    talk-lookup-pkts
  </talk-lookup-pkts>
  <talk-announce-pkts>
    talk-announce-pkts
  </talk-announce-pkts>
  <talk-delete-pkts>
    talk-delete-pkts
  </talk-delete-pkts>
</msp-alg-talk-entry>

```

Description TALK ALG stats

<msp-alg-talk-entry>

Usage

```

<service-msp-alg-stats-information>
  <msp-alg-talk-entry>
    <talk-lookup-pkts>
      talk-lookup-pkts
    </talk-lookup-pkts>
    <talk-announce-pkts>
      talk-announce-pkts
    </talk-announce-pkts>
    <talk-delete-pkts>
      talk-delete-pkts
    </talk-delete-pkts>
  </msp-alg-talk-entry>
</service-msp-alg-stats-information>

```

Description TALK ALG stats

<msp-per-service-set-sess-table>

Usage

```

<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <msp-sess-entry>....</msp-sess-entry>
    <sfw-flow-entry>....</sfw-flow-entry>
    <nat-plugin-sess-entry>....</nat-plugin-sess-entry>
  </msp-per-service-set-sess-table>
</service-msp-sess-table-information>

```

```
</msp-per-service-set-sess-table>
</service-msp-sess-table-information>
```

Description

<msp-sess-entry>

Usage

```
<msp-sess-entry>
  <msp-sess-id>
    msp-sess-id
  </msp-sess-id>
  <msp-sess-alg-id>
    msp-sess-alg-id
  </msp-sess-alg-id>
  <msp-sess-flags>
    msp-sess-flags
  </msp-sess-flags>
  <msp-sess-ip-action>
    msp-sess-ip-action
  </msp-sess-ip-action>
  <msp-sess-offload>
    msp-sess-offload
  </msp-sess-offload>
  <msp-sess-plugin-info>
    msp-sess-plugin-info
  </msp-sess-plugin-info>
</msp-sess-entry>
```

Description MSP session entry

<msp-sess-entry>

Usage

```
<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <msp-sess-entry>
      <msp-sess-id>
        msp-sess-id
      </msp-sess-id>
      <msp-sess-alg-id>
        msp-sess-alg-id
      </msp-sess-alg-id>
      <msp-sess-flags>
        msp-sess-flags
      </msp-sess-flags>
      <msp-sess-ip-action>
        msp-sess-ip-action
      </msp-sess-ip-action>
      <msp-sess-offload>
        msp-sess-offload
      </msp-sess-offload>
      <msp-sess-plugin-info>
        msp-sess-plugin-info
    </msp-sess-entry>
  </msp-per-service-set-sess-table>
</service-msp-sess-table-information>
```

```

    </msp-sess-plugin-info>
  </msp-sess-entry>
</msp-per-service-set-sess-table>
</service-msp-sess-table-information>

```

Description MSP session entry

<nat-plugin-sess-entry>

Usage

```

<nat-plugin-sess-entry>
  <nat-action>
    nat-action
  </nat-action>
  <sfw-flow-nat>....</sfw-flow-nat>
</nat-plugin-sess-entry>

```

Description NAT plugin session entry

<nat-plugin-sess-entry>

Usage

```

<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <nat-plugin-sess-entry>
      <nat-action>
        nat-action
      </nat-action>
      <sfw-flow-nat>....</sfw-flow-nat>
    </nat-plugin-sess-entry>
  </msp-per-service-set-sess-table>
</service-msp-sess-table-information>

```

Description NAT plugin session entry

<natmapping-address-mapping>

Usage

```

<natmapping-address-mapping>
  <natmapping-total-flow-count>
    natmapping-total-flow-count
  </natmapping-total-flow-count>
  <natmapping-source-ip>
    natmapping-source-ip
  </natmapping-source-ip>
  <natmapping-nat-ip>
    natmapping-nat-ip
  </natmapping-nat-ip>
  <natmapping-flow-count>
    natmapping-flow-count
  </natmapping-flow-count>

```

```
<natmapping-source-port>
  natmapping-source-port
</natmapping-source-port>
<natmapping-nat-port>
  natmapping-nat-port
</natmapping-nat-port>
<natmapping-flow-count-per-port-map>
  natmapping-flow-count-per-port-map
</natmapping-flow-count-per-port-map>
</natmapping-address-mapping>
```

Description Natmapping address mappings

<natmapping-address-mapping>

Usage

```
<service-nat-mapping-information>
  <natmapping-address-mapping>
    <natmapping-total-flow-count>
      natmapping-total-flow-count
    </natmapping-total-flow-count>
    <natmapping-source-ip>
      natmapping-source-ip
    </natmapping-source-ip>
    <natmapping-nat-ip>
      natmapping-nat-ip
    </natmapping-nat-ip>
    <natmapping-flow-count>
      natmapping-flow-count
    </natmapping-flow-count>
    <natmapping-source-port>
      natmapping-source-port
    </natmapping-source-port>
    <natmapping-nat-port>
      natmapping-nat-port
    </natmapping-nat-port>
    <natmapping-flow-count-per-port-map>
      natmapping-flow-count-per-port-map
    </natmapping-flow-count-per-port-map>
  </natmapping-address-mapping>
</service-nat-mapping-information>
```

Description Natmapping address mappings

<natmapping-address-mapping>

Usage

```
<service-nat-mapping-information>
  <sfw-per-service-set-nat-mapping>
    <service-nat-pool-map>
      <natmapping-address-mapping>
        <natmapping-total-flow-count>
          natmapping-total-flow-count
        </natmapping-total-flow-count>
      </natmapping-address-mapping>
    </service-nat-pool-map>
  </sfw-per-service-set-nat-mapping>
</service-nat-mapping-information>
```

```

</natmapping-total-flow-count>
<natmapping-source-ip>
  natmapping-source-ip
</natmapping-source-ip>
<natmapping-nat-ip>
  natmapping-nat-ip
</natmapping-nat-ip>
<natmapping-flow-count>
  natmapping-flow-count
</natmapping-flow-count>
<natmapping-source-port>
  natmapping-source-port
</natmapping-source-port>
<natmapping-nat-port>
  natmapping-nat-port
</natmapping-nat-port>
<natmapping-flow-count-per-port-map>
  natmapping-flow-count-per-port-map
</natmapping-flow-count-per-port-map>
</natmapping-address-mapping>
</service-nat-pool-map>
</sfw-per-service-set-nat-mapping>
</service-nat-mapping-information>

```

Description Natmapping address mappings

<natmapping-summary>

Usage

```

<service-nat-mapping-information>
  <natmapping-summary>
    <natmapping-total-address-mappings>
      natmapping-total-address-mappings
    </natmapping-total-address-mappings>
    <natmapping-total-port-mappings>
      natmapping-total-port-mappings
    </natmapping-total-port-mappings>
    <natmapping-total-filters>
      natmapping-total-filters
    </natmapping-total-filters>
  </natmapping-summary>
</service-nat-mapping-information>

```

Description Nat mapping summary

<new-flow-counters>

Usage

```

<sfw-stats-service-set-entry>
  <new-flow-counters>
    <new-flow-accepts>
      new-flow-accepts
    </new-flow-accepts>

```

```
<new-flow-discards>
  new-flow-discards
</new-flow-discards>
<new-flow-rejects>
  new-flow-rejects
</new-flow-rejects>
</new-flow-counters>
</sfw-stats-service-set-entry>
```

Description New flow counters

<new-flow-counters>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <new-flow-counters>
        <new-flow-accepts>
          new-flow-accepts
        </new-flow-accepts>
        <new-flow-discards>
          new-flow-discards
        </new-flow-discards>
        <new-flow-rejects>
          new-flow-rejects
        </new-flow-rejects>
      </new-flow-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description New flow counters

<overload-control-entry>

Usage

```
<pgcpd-active-configuration>
  <overload-control-entry>
    <queue-limit-percentage>
      queue-limit-percentage
    </queue-limit-percentage>
    <reject-new-calls-threshold>
      reject-new-calls-threshold
    </reject-new-calls-threshold>
    <reject-all-commands-threshold>
      reject-all-commands-threshold
    </reject-all-commands-threshold>
  </overload-control-entry>
</pgcpd-active-configuration>
```


Description

<overload-control-entry>

Usage

```

<pgcpd-active-configuration>
  <gateway-entry>
    <overload-control-entry>
      <queue-limit-percentage>
        queue-limit-percentage
      </queue-limit-percentage>
      <reject-new-calls-threshold>
        reject-new-calls-threshold
      </reject-new-calls-threshold>
      <reject-all-commands-threshold>
        reject-all-commands-threshold
      </reject-all-commands-threshold>
    </overload-control-entry>
  </gateway-entry>
</pgcpd-active-configuration>

```

Description

<overload-control-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <gateway-entry>
      <overload-control-entry>
        <queue-limit-percentage>
          queue-limit-percentage
        </queue-limit-percentage>
        <reject-new-calls-threshold>
          reject-new-calls-threshold
        </reject-new-calls-threshold>
        <reject-all-commands-threshold>
          reject-all-commands-threshold
        </reject-all-commands-threshold>
      </overload-control-entry>
    </gateway-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<overload-control-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <gateway-entry>
    <overload-control-entry>
      <queue-limit-percentage>
        queue-limit-percentage
      </queue-limit-percentage>

```

```
<reject-new-calls-threshold>  
  reject-new-calls-threshold  
</reject-new-calls-threshold>  
<reject-all-commands-threshold>  
  reject-all-commands-threshold  
</reject-all-commands-threshold>  
</overload-control-entry>  
</gateway-entry>  
</service-pgcp-statistics-gateway>
```

Description

<overload-control-entry>

Usage

```
<service-pgcp-terminations>  
  <gateway-entry>  
    <overload-control-entry>  
      <queue-limit-percentage>  
        queue-limit-percentage  
      </queue-limit-percentage>  
      <reject-new-calls-threshold>  
        reject-new-calls-threshold  
      </reject-new-calls-threshold>  
      <reject-all-commands-threshold>  
        reject-all-commands-threshold  
      </reject-all-commands-threshold>  
    </overload-control-entry>  
  </gateway-entry>  
</service-pgcp-terminations>
```

Description

<overload-control-entry>

Usage

```
<service-pgcp-gates>  
  <gateway-entry>  
    <overload-control-entry>  
      <queue-limit-percentage>  
        queue-limit-percentage  
      </queue-limit-percentage>  
      <reject-new-calls-threshold>  
        reject-new-calls-threshold  
      </reject-new-calls-threshold>  
      <reject-all-commands-threshold>  
        reject-all-commands-threshold  
      </reject-all-commands-threshold>  
    </overload-control-entry>  
  </gateway-entry>  
</service-pgcp-gates>
```

Description

<parser-counters>

Usage

```
<sfw-stats-service-set-entry>
  <sip-alg-counters>
    <parser-counters>
      <syntax-errors>
        syntax-errors
      </syntax-errors>
      <content-errors>
        content-errors
      </content-errors>
      <unknown-methods>
        unknown-methods
      </unknown-methods>
    </parser-counters>
  </sip-alg-counters>
</sfw-stats-service-set-entry>
```

Description Parser statistics

<parser-counters>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <sip-alg-counters>
        <parser-counters>
          <syntax-errors>
            syntax-errors
          </syntax-errors>
          <content-errors>
            content-errors
          </content-errors>
          <unknown-methods>
            unknown-methods
          </unknown-methods>
        </parser-counters>
      </sip-alg-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Parser statistics

<pgcp-conversation>

Usage

```
<pgcp-per-service-set-conversation>
  <pgcp-conversation>
    <pgcp-flow-table-conv-initiator>
```

```
    pgcp-flow-table-conv-initiator
  </pgcp-flow-table-conv-initiator>
  <pgcp-flow-table-conv-responder>
    pgcp-flow-table-conv-responder
  </pgcp-flow-table-conv-responder>
  <service-pgcp-flow-table>....</service-pgcp-flow-table>
</pgcp-conversation>
</pgcp-per-service-set-conversation>
```

Description Stateful firewall conversations

<pgcp-conversation>

Usage

```
<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>
    <pgcp-conversation>
      <pgcp-flow-table-conv-initiator>
        pgcp-flow-table-conv-initiator
      </pgcp-flow-table-conv-initiator>
      <pgcp-flow-table-conv-responder>
        pgcp-flow-table-conv-responder
      </pgcp-flow-table-conv-responder>
      <service-pgcp-flow-table>....</service-pgcp-flow-table>
    </pgcp-conversation>
  </pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>
```

Description Stateful firewall conversations

<pgcp-flow-entry>

Usage

```
<pgcp-flow-entry>
  <pgcp-flow-protocol>
    pgcp-flow-protocol
  </pgcp-flow-protocol>
  <pgcp-flow-source-ip>
    pgcp-flow-source-ip
  </pgcp-flow-source-ip>
  <pgcp-flow-source-port>
    pgcp-flow-source-port
  </pgcp-flow-source-port>
  <pgcp-flow-destination-ip>
    pgcp-flow-destination-ip
  </pgcp-flow-destination-ip>
  <pgcp-flow-destination-port>
    pgcp-flow-destination-port
  </pgcp-flow-destination-port>
  <pgcp-flow-state>
    pgcp-flow-state
  </pgcp-flow-state>
  <pgcp-flow-direction>
```

```

    pgcp-flow-direction
  </pgcp-flow-direction>
  <pgcp-flow-frame-counter>
    pgcp-flow-frame-counter
  </pgcp-flow-frame-counter>
  <pgcp-flow-gate-id>
    pgcp-flow-gate-id
  </pgcp-flow-gate-id>
  <pgcp-flow-nat>....</pgcp-flow-nat>
  <pgcp-flow-table-byte-count>
    pgcp-flow-table-byte-count
  </pgcp-flow-table-byte-count>
  <source-routing-instance>
    source-routing-instance
  </source-routing-instance>
  <destination-routing-instance>
    destination-routing-instance
  </destination-routing-instance>
  <pgcp-flow-table-tcp-window-size>
    pgcp-flow-table-tcp-window-size
  </pgcp-flow-table-tcp-window-size>
  <pgcp-flow-table-tcp-acknowledge>
    pgcp-flow-table-tcp-acknowledge
  </pgcp-flow-table-tcp-acknowledge>
  <pgcp-flow-table-tcp-tickle>
    pgcp-flow-table-tcp-tickle
  </pgcp-flow-table-tcp-tickle>
  <pgcp-flow-table-role>
    pgcp-flow-table-role
  </pgcp-flow-table-role>
  <pgcp-flow-table-timeout>
    pgcp-flow-table-timeout
  </pgcp-flow-table-timeout>
  <pgcp-flow-table-protocol-detail>
    pgcp-flow-table-protocol-detail
  </pgcp-flow-table-protocol-detail>
  <flow-gate-tman-policing>
    flow-gate-tman-policing
  </flow-gate-tman-policing>
  <flow-gate-sdr>
    flow-gate-sdr
  </flow-gate-sdr>
  <flow-gate-sdr-mbs>
    flow-gate-sdr-mbs
  </flow-gate-sdr-mbs>
  <flow-gate-pdr>
    flow-gate-pdr
  </flow-gate-pdr>
  <flow-gate-pdr-mbs>
    flow-gate-pdr-mbs
  </flow-gate-pdr-mbs>
</pgcp-flow-entry>

```

Description Flow brief information

<pgcp-flow-entry>

Usage

```
<pgcp-per-service-set-flow-table>
  <service-pgcp-flow-table>
    <pgcp-flow-entry>
      <pgcp-flow-protocol>
        pgcp-flow-protocol
      </pgcp-flow-protocol>
      <pgcp-flow-source-ip>
        pgcp-flow-source-ip
      </pgcp-flow-source-ip>
      <pgcp-flow-source-port>
        pgcp-flow-source-port
      </pgcp-flow-source-port>
      <pgcp-flow-destination-ip>
        pgcp-flow-destination-ip
      </pgcp-flow-destination-ip>
      <pgcp-flow-destination-port>
        pgcp-flow-destination-port
      </pgcp-flow-destination-port>
      <pgcp-flow-state>
        pgcp-flow-state
      </pgcp-flow-state>
      <pgcp-flow-direction>
        pgcp-flow-direction
      </pgcp-flow-direction>
      <pgcp-flow-frame-counter>
        pgcp-flow-frame-counter
      </pgcp-flow-frame-counter>
      <pgcp-flow-gate-id>
        pgcp-flow-gate-id
      </pgcp-flow-gate-id>
      <pgcp-flow-nat>....</pgcp-flow-nat>
      <pgcp-flow-table-byte-count>
        pgcp-flow-table-byte-count
      </pgcp-flow-table-byte-count>
      <source-routing-instance>
        source-routing-instance
      </source-routing-instance>
      <destination-routing-instance>
        destination-routing-instance
      </destination-routing-instance>
      <pgcp-flow-table-tcp-window-size>
        pgcp-flow-table-tcp-window-size
      </pgcp-flow-table-tcp-window-size>
      <pgcp-flow-table-tcp-acknowledge>
        pgcp-flow-table-tcp-acknowledge
      </pgcp-flow-table-tcp-acknowledge>
      <pgcp-flow-table-tcp-tickle>
        pgcp-flow-table-tcp-tickle
      </pgcp-flow-table-tcp-tickle>
      <pgcp-flow-table-role>
        pgcp-flow-table-role
      </pgcp-flow-table-role>
```

```

    <pgcp-flow-table-timeout>
      pgcp-flow-table-timeout
    </pgcp-flow-table-timeout>
    <pgcp-flow-table-protocol-detail>
      pgcp-flow-table-protocol-detail
    </pgcp-flow-table-protocol-detail>
    <flow-gate-tman-policing>
      flow-gate-tman-policing
    </flow-gate-tman-policing>
    <flow-gate-sdr>
      flow-gate-sdr
    </flow-gate-sdr>
    <flow-gate-sdr-mbs>
      flow-gate-sdr-mbs
    </flow-gate-sdr-mbs>
    <flow-gate-pdr>
      flow-gate-pdr
    </flow-gate-pdr>
    <flow-gate-pdr-mbs>
      flow-gate-pdr-mbs
    </flow-gate-pdr-mbs>
  </pgcp-flow-entry>
</service-pgcp-flow-table>
</pgcp-per-service-set-flow-table>

```

Description Flow brief information

<pgcp-flow-entry>

Usage

```

<service-pgcp-flow-table-information>
  <pgcp-per-service-set-flow-table>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>
        <pgcp-flow-protocol>
          pgcp-flow-protocol
        </pgcp-flow-protocol>
        <pgcp-flow-source-ip>
          pgcp-flow-source-ip
        </pgcp-flow-source-ip>
        <pgcp-flow-source-port>
          pgcp-flow-source-port
        </pgcp-flow-source-port>
        <pgcp-flow-destination-ip>
          pgcp-flow-destination-ip
        </pgcp-flow-destination-ip>
        <pgcp-flow-destination-port>
          pgcp-flow-destination-port
        </pgcp-flow-destination-port>
        <pgcp-flow-state>
          pgcp-flow-state
        </pgcp-flow-state>
        <pgcp-flow-direction>
          pgcp-flow-direction

```

```
</pgcp-flow-direction>
<pgcp-flow-frame-counter>
  pgcp-flow-frame-counter
</pgcp-flow-frame-counter>
<pgcp-flow-gate-id>
  pgcp-flow-gate-id
</pgcp-flow-gate-id>
<pgcp-flow-nat>....</pgcp-flow-nat>
<pgcp-flow-table-byte-count>
  pgcp-flow-table-byte-count
</pgcp-flow-table-byte-count>
<source-routing-instance>
  source-routing-instance
</source-routing-instance>
<destination-routing-instance>
  destination-routing-instance
</destination-routing-instance>
<pgcp-flow-table-tcp-window-size>
  pgcp-flow-table-tcp-window-size
</pgcp-flow-table-tcp-window-size>
<pgcp-flow-table-tcp-acknowledge>
  pgcp-flow-table-tcp-acknowledge
</pgcp-flow-table-tcp-acknowledge>
<pgcp-flow-table-tcp-tickle>
  pgcp-flow-table-tcp-tickle
</pgcp-flow-table-tcp-tickle>
<pgcp-flow-table-role>
  pgcp-flow-table-role
</pgcp-flow-table-role>
<pgcp-flow-table-timeout>
  pgcp-flow-table-timeout
</pgcp-flow-table-timeout>
<pgcp-flow-table-protocol-detail>
  pgcp-flow-table-protocol-detail
</pgcp-flow-table-protocol-detail>
<flow-gate-tman-policing>
  flow-gate-tman-policing
</flow-gate-tman-policing>
<flow-gate-sdr>
  flow-gate-sdr
</flow-gate-sdr>
<flow-gate-sdr-mbs>
  flow-gate-sdr-mbs
</flow-gate-sdr-mbs>
<flow-gate-pdr>
  flow-gate-pdr
</flow-gate-pdr>
<flow-gate-pdr-mbs>
  flow-gate-pdr-mbs
</flow-gate-pdr-mbs>
</pgcp-flow-entry>
</service-pgcp-flow-table>
</pgcp-per-service-set-flow-table>
</service-pgcp-flow-table-information>
```


Description Flow brief information

<pgcp-flow-entry>

Usage

```
<pgcp-per-service-set-conversation>
  <pgcp-conversation>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>
        <pgcp-flow-protocol>
          pgcp-flow-protocol
        </pgcp-flow-protocol>
        <pgcp-flow-source-ip>
          pgcp-flow-source-ip
        </pgcp-flow-source-ip>
        <pgcp-flow-source-port>
          pgcp-flow-source-port
        </pgcp-flow-source-port>
        <pgcp-flow-destination-ip>
          pgcp-flow-destination-ip
        </pgcp-flow-destination-ip>
        <pgcp-flow-destination-port>
          pgcp-flow-destination-port
        </pgcp-flow-destination-port>
        <pgcp-flow-state>
          pgcp-flow-state
        </pgcp-flow-state>
        <pgcp-flow-direction>
          pgcp-flow-direction
        </pgcp-flow-direction>
        <pgcp-flow-frame-counter>
          pgcp-flow-frame-counter
        </pgcp-flow-frame-counter>
        <pgcp-flow-gate-id>
          pgcp-flow-gate-id
        </pgcp-flow-gate-id>
        <pgcp-flow-nat>....</pgcp-flow-nat>
        <pgcp-flow-table-byte-count>
          pgcp-flow-table-byte-count
        </pgcp-flow-table-byte-count>
        <source-routing-instance>
          source-routing-instance
        </source-routing-instance>
        <destination-routing-instance>
          destination-routing-instance
        </destination-routing-instance>
        <pgcp-flow-table-tcp-window-size>
          pgcp-flow-table-tcp-window-size
        </pgcp-flow-table-tcp-window-size>
        <pgcp-flow-table-tcp-acknowledge>
          pgcp-flow-table-tcp-acknowledge
        </pgcp-flow-table-tcp-acknowledge>
        <pgcp-flow-table-tcp-tickle>
          pgcp-flow-table-tcp-tickle
        </pgcp-flow-table-tcp-tickle>
```

```

    <pgcp-flow-table-role>
      pgcp-flow-table-role
    </pgcp-flow-table-role>
    <pgcp-flow-table-timeout>
      pgcp-flow-table-timeout
    </pgcp-flow-table-timeout>
    <pgcp-flow-table-protocol-detail>
      pgcp-flow-table-protocol-detail
    </pgcp-flow-table-protocol-detail>
    <flow-gate-tman-policing>
      flow-gate-tman-policing
    </flow-gate-tman-policing>
    <flow-gate-sdr>
      flow-gate-sdr
    </flow-gate-sdr>
    <flow-gate-sdr-mbs>
      flow-gate-sdr-mbs
    </flow-gate-sdr-mbs>
    <flow-gate-pdr>
      flow-gate-pdr
    </flow-gate-pdr>
    <flow-gate-pdr-mbs>
      flow-gate-pdr-mbs
    </flow-gate-pdr-mbs>
  </pgcp-flow-entry>
</service-pgcp-flow-table>
</pgcp-conversation>
</pgcp-per-service-set-conversation>

```

Description Flow brief information

<pgcp-flow-entry>

Usage

```

<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>
    <pgcp-conversation>
      <service-pgcp-flow-table>
        <pgcp-flow-entry>
          <pgcp-flow-protocol>
            pgcp-flow-protocol
          </pgcp-flow-protocol>
          <pgcp-flow-source-ip>
            pgcp-flow-source-ip
          </pgcp-flow-source-ip>
          <pgcp-flow-source-port>
            pgcp-flow-source-port
          </pgcp-flow-source-port>
          <pgcp-flow-destination-ip>
            pgcp-flow-destination-ip
          </pgcp-flow-destination-ip>
          <pgcp-flow-destination-port>
            pgcp-flow-destination-port
          </pgcp-flow-destination-port>
        </pgcp-flow-entry>
      </service-pgcp-flow-table>
    </pgcp-conversation>
  </pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>

```

```
<pgcp-flow-state>
  pgcp-flow-state
</pgcp-flow-state>
<pgcp-flow-direction>
  pgcp-flow-direction
</pgcp-flow-direction>
<pgcp-flow-frame-counter>
  pgcp-flow-frame-counter
</pgcp-flow-frame-counter>
<pgcp-flow-gate-id>
  pgcp-flow-gate-id
</pgcp-flow-gate-id>
<pgcp-flow-nat>....</pgcp-flow-nat>
<pgcp-flow-table-byte-count>
  pgcp-flow-table-byte-count
</pgcp-flow-table-byte-count>
<source-routing-instance>
  source-routing-instance
</source-routing-instance>
<destination-routing-instance>
  destination-routing-instance
</destination-routing-instance>
<pgcp-flow-table-tcp-window-size>
  pgcp-flow-table-tcp-window-size
</pgcp-flow-table-tcp-window-size>
<pgcp-flow-table-tcp-acknowledge>
  pgcp-flow-table-tcp-acknowledge
</pgcp-flow-table-tcp-acknowledge>
<pgcp-flow-table-tcp-tickle>
  pgcp-flow-table-tcp-tickle
</pgcp-flow-table-tcp-tickle>
<pgcp-flow-table-role>
  pgcp-flow-table-role
</pgcp-flow-table-role>
<pgcp-flow-table-timeout>
  pgcp-flow-table-timeout
</pgcp-flow-table-timeout>
<pgcp-flow-table-protocol-detail>
  pgcp-flow-table-protocol-detail
</pgcp-flow-table-protocol-detail>
<flow-gate-tman-policing>
  flow-gate-tman-policing
</flow-gate-tman-policing>
<flow-gate-sdr>
  flow-gate-sdr
</flow-gate-sdr>
<flow-gate-sdr-mbs>
  flow-gate-sdr-mbs
</flow-gate-sdr-mbs>
<flow-gate-pdr>
  flow-gate-pdr
</flow-gate-pdr>
<flow-gate-pdr-mbs>
  flow-gate-pdr-mbs
</flow-gate-pdr-mbs>
</pgcp-flow-entry>
```

```
</service-pgcp-flow-table>
</pgcp-conversation>
</pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>
```

Description Flow brief information

<pgcp-flow-nat>

Usage

```
<pgcp-flow-nat>
  <pgcp-flow-nat-ip>
    pgcp-flow-nat-ip
  </pgcp-flow-nat-ip>
  <pgcp-flow-nat-port>
    pgcp-flow-nat-port
  </pgcp-flow-nat-port>
  <pgcp-flow-translated-ip>
    pgcp-flow-translated-ip
  </pgcp-flow-translated-ip>
  <pgcp-flow-translated-port>
    pgcp-flow-translated-port
  </pgcp-flow-translated-port>
</pgcp-flow-nat>
```

Description NAT translation

<pgcp-flow-nat>

Usage

```
<pgcp-flow-entry>
  <pgcp-flow-nat>
    <pgcp-flow-nat-ip>
      pgcp-flow-nat-ip
    </pgcp-flow-nat-ip>
    <pgcp-flow-nat-port>
      pgcp-flow-nat-port
    </pgcp-flow-nat-port>
    <pgcp-flow-translated-ip>
      pgcp-flow-translated-ip
    </pgcp-flow-translated-ip>
    <pgcp-flow-translated-port>
      pgcp-flow-translated-port
    </pgcp-flow-translated-port>
  </pgcp-flow-nat>
</pgcp-flow-entry>
```

Description NAT translation

<pgcp-flow-nat>

Usage

```

<pgcp-per-service-set-flow-table>
  <service-pgcp-flow-table>
    <pgcp-flow-entry>
      <pgcp-flow-nat>
        <pgcp-flow-nat-ip>
          pgcp-flow-nat-ip
        </pgcp-flow-nat-ip>
        <pgcp-flow-nat-port>
          pgcp-flow-nat-port
        </pgcp-flow-nat-port>
        <pgcp-flow-translated-ip>
          pgcp-flow-translated-ip
        </pgcp-flow-translated-ip>
        <pgcp-flow-translated-port>
          pgcp-flow-translated-port
        </pgcp-flow-translated-port>
      </pgcp-flow-nat>
    </pgcp-flow-entry>
  </service-pgcp-flow-table>
</pgcp-per-service-set-flow-table>

```

Description NAT translation

<pgcp-flow-nat>

Usage

```

<service-pgcp-flow-table-information>
  <pgcp-per-service-set-flow-table>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>
        <pgcp-flow-nat>
          <pgcp-flow-nat-ip>
            pgcp-flow-nat-ip
          </pgcp-flow-nat-ip>
          <pgcp-flow-nat-port>
            pgcp-flow-nat-port
          </pgcp-flow-nat-port>
          <pgcp-flow-translated-ip>
            pgcp-flow-translated-ip
          </pgcp-flow-translated-ip>
          <pgcp-flow-translated-port>
            pgcp-flow-translated-port
          </pgcp-flow-translated-port>
        </pgcp-flow-nat>
      </pgcp-flow-entry>
    </service-pgcp-flow-table>
  </pgcp-per-service-set-flow-table>
</service-pgcp-flow-table-information>

```

Description NAT translation

<pgcp-flow-nat>

Usage

```
<pgcp-per-service-set-conversation>
  <pgcp-conversation>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>
        <pgcp-flow-nat>
          <pgcp-flow-nat-ip>
            pgcp-flow-nat-ip
          </pgcp-flow-nat-ip>
          <pgcp-flow-nat-port>
            pgcp-flow-nat-port
          </pgcp-flow-nat-port>
          <pgcp-flow-translated-ip>
            pgcp-flow-translated-ip
          </pgcp-flow-translated-ip>
          <pgcp-flow-translated-port>
            pgcp-flow-translated-port
          </pgcp-flow-translated-port>
        </pgcp-flow-nat>
      </pgcp-flow-entry>
    </service-pgcp-flow-table>
  </pgcp-conversation>
</pgcp-per-service-set-conversation>
```

Description NAT translation

<pgcp-flow-nat>

Usage

```
<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>
    <pgcp-conversation>
      <service-pgcp-flow-table>
        <pgcp-flow-entry>
          <pgcp-flow-nat>
            <pgcp-flow-nat-ip>
              pgcp-flow-nat-ip
            </pgcp-flow-nat-ip>
            <pgcp-flow-nat-port>
              pgcp-flow-nat-port
            </pgcp-flow-nat-port>
            <pgcp-flow-translated-ip>
              pgcp-flow-translated-ip
            </pgcp-flow-translated-ip>
            <pgcp-flow-translated-port>
              pgcp-flow-translated-port
            </pgcp-flow-translated-port>
          </pgcp-flow-nat>
        </pgcp-flow-entry>
      </service-pgcp-flow-table>
```

```

    </pgcp-conversation>
  </pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>

```

Description NAT translation

<pgcp-per-service-set-conversation>

Usage

```

<pgcp-per-service-set-conversation>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <pgcp-conversation>....</pgcp-conversation>
</pgcp-per-service-set-conversation>

```

Description Show conversations

<pgcp-per-service-set-conversation>

Usage

```

<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <pgcp-conversation>....</pgcp-conversation>
  </pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>

```

Description Show conversations

<pgcp-per-service-set-flow-table>

Usage

```

<pgcp-per-service-set-flow-table>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <service-pgcp-flow-table>....</service-pgcp-flow-table>
</pgcp-per-service-set-flow-table>

```

Description Flows sorted by service set

<pgcp-per-service-set-flow-table>

Usage

```
<service-pgcp-flow-table-information>
  <pgcp-per-service-set-flow-table>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <service-pgcp-flow-table>....</service-pgcp-flow-table>
  </pgcp-per-service-set-flow-table>
</service-pgcp-flow-table-information>
```

Description Flows sorted by service set

<pgcpd-active-configuration>

Usage

```
<pgcpd-active-configuration>
  <virtual-interface-entry>....</virtual-interface-entry>
  <controller-entry>....</controller-entry>
  <h248-timers-entry>....</h248-timers-entry>
  <h248-options-entry>....</h248-options-entry>
  <base-root-entry>....</base-root-entry>
  <h248-segmentation-properties-entry>....</h248-segmentation-properties-entry>

  <h248-diffserv-entry>....</h248-diffserv-entry>
  <h248-notification-behavior-entry>....</h248-notification-behavior-entry>

  <h248-application-data-inactivity-detection-entry>....</h248-application-data-inactivity-detection-entry>

  <h248-event-timestamp-notification-entry>....</h248-event-timestamp-notification-entry>

  <inactivity-timer-entry>....</inactivity-timer-entry>
  <fast-update-filters-entry>....</fast-update-filters-entry>
  <overload-control-entry>....</overload-control-entry>
  <gateway-entry>....</gateway-entry>
  <rule-ref-entry>....</rule-ref-entry>
  <rule-entry>....</rule-entry>
  <service-pic-entry>....</service-pic-entry>
  <service-set-entry>....</service-set-entry>
  <firewall-entry>....</firewall-entry>
  <pgcpd-config>....</pgcpd-config>
</pgcpd-active-configuration>
```

Description

<pgcpd-config>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <media-service-entry>....</media-service-entry>
    <virtual-interface-entry>....</virtual-interface-entry>
    <gateway-entry>....</gateway-entry>
    <rule-entry>....</rule-entry>
    <service-set-entry>....</service-set-entry>
    <service-pic-entry>....</service-pic-entry>
    <firewall-entry>....</firewall-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<pool-address-range-list>

Usage

```

<service-nat-pool-information>
  <sfw-per-service-set-nat-pool>
    <service-nat-pool>
      <pool-address-range-list>
        <pool-address-range-list>
          </service-nat-pool>
        </sfw-per-service-set-nat-pool>
      </service-nat-pool-information>

```

Description List of address ranges

<quality-of-service-entries>

Usage

```

<lsqinfo-cpu-usage-information>
  <quality-of-service-entries>
    <quality-of-service-entry>....</quality-of-service-entry>
  </quality-of-service-entries>
</lsqinfo-cpu-usage-information>

```

Description

<quality-of-service-entry>

Usage

```

<lsqinfo-cpu-usage-information>
  <quality-of-service-entries>
    <quality-of-service-entry>
      <cpu-name>
        cpu-name
      </cpu-name>
      <idle>

```

```
    idle
  </idle>
  <timer>
    timer
  </timer>
  <system>
    system
  </system>
  <output>
    output
  </output>
  <input>
    input
  </input>
  <fragment-output>
    fragment-output
  </fragment-output>
  <bypass-output>
    bypass-output
  </bypass-output>
  <free-frame>
    free-frame
  </free-frame>
</quality-of-service-entry>
</quality-of-service-entries>
</lsqinfo-cpu-usage-information>
```

Description QoS CPU usage information

<radius-accounting-server-information-entry>

Usage

```
<radius-accounting-server-information-entry>
  <radius-server-ip-address>
    radius-server-ip-address
  </radius-server-ip-address>
  <radius-server-state>
    radius-server-state
  </radius-server-state>
  <radius-server-udp-port>
    radius-server-udp-port
  </radius-server-udp-port>
  <radius-server-retry-count>
    radius-server-retry-count
  </radius-server-retry-count>
  <radius-server-timeout>
    radius-server-timeout
  </radius-server-timeout>
  <radius-server-pending-requests>
    radius-server-pending-requests
  </radius-server-pending-requests>
  <radius-server-maximum-sessions>
    radius-server-maximum-sessions
  </radius-server-maximum-sessions>
```

```

<radius-server-dead-time>
  radius-server-dead-time
</radius-server-dead-time>
<radius-server-secret-type>
  radius-server-secret-type
</radius-server-secret-type>
</radius-accounting-server-information-entry>

```

Description RADIUS accounting server information entry sorted by IP address

<radius-accounting-server-information-entry>

Usage

```

<services-l2tp-radius-accounting-servers-information>
  <radius-accounting-server-information-entry>
    <radius-server-ip-address>
      radius-server-ip-address
    </radius-server-ip-address>
    <radius-server-state>
      radius-server-state
    </radius-server-state>
    <radius-server-udp-port>
      radius-server-udp-port
    </radius-server-udp-port>
    <radius-server-retry-count>
      radius-server-retry-count
    </radius-server-retry-count>
    <radius-server-timeout>
      radius-server-timeout
    </radius-server-timeout>
    <radius-server-pending-requests>
      radius-server-pending-requests
    </radius-server-pending-requests>
    <radius-server-maximum-sessions>
      radius-server-maximum-sessions
    </radius-server-maximum-sessions>
    <radius-server-dead-time>
      radius-server-dead-time
    </radius-server-dead-time>
    <radius-server-secret-type>
      radius-server-secret-type
    </radius-server-secret-type>
  </radius-accounting-server-information-entry>
</services-l2tp-radius-accounting-servers-information>

```

Description RADIUS accounting server information entry sorted by IP address

<radius-accounting-server-information-entry>

Usage

```

<services-l2tp-radius-authentication-accounting-servers-information>
  <radius-accounting-server-information-entry>
    <radius-server-ip-address>

```

```
radius-server-ip-address
</radius-server-ip-address>
<radius-server-state>
radius-server-state
</radius-server-state>
<radius-server-udp-port>
radius-server-udp-port
</radius-server-udp-port>
<radius-server-retry-count>
radius-server-retry-count
</radius-server-retry-count>
<radius-server-timeout>
radius-server-timeout
</radius-server-timeout>
<radius-server-pending-requests>
radius-server-pending-requests
</radius-server-pending-requests>
<radius-server-maximum-sessions>
radius-server-maximum-sessions
</radius-server-maximum-sessions>
<radius-server-dead-time>
radius-server-dead-time
</radius-server-dead-time>
<radius-server-secret-type>
radius-server-secret-type
</radius-server-secret-type>
</radius-accounting-server-information-entry>
</services-l2tp-radius-authentication-accounting-servers-information>
```

Description RADIUS accounting server information entry sorted by IP address

<radius-accounting-statistic-information-entry>

Usage

```
<radius-accounting-statistic-information-entry>
<radius-server-statistics-entry-header>
radius-server-statistics-entry-header
</radius-server-statistics-entry-header>
<radius-server-profile-name>
radius-server-profile-name
</radius-server-profile-name>
<radius-server-ip-address>
radius-server-ip-address
</radius-server-ip-address>
<radius-server-udp-port>
radius-server-udp-port
</radius-server-udp-port>
<radius-statistic-requests>
radius-statistic-requests
</radius-statistic-requests>
<radius-statistic-start-requests>
radius-statistic-start-requests
</radius-statistic-start-requests>
<radius-statistic-interim-requests>
```

```

    radius-statistic-interim-requests
  </radius-statistic-interim-requests>
  <radius-statistic-stop-requests>
    radius-statistic-stop-requests
  </radius-statistic-stop-requests>
  <radius-statistic-rollover-requests>
    radius-statistic-rollover-requests
  </radius-statistic-rollover-requests>
  <radius-statistic-retransmissions>
    radius-statistic-retransmissions
  </radius-statistic-retransmissions>
  <radius-statistic-responses>
    radius-statistic-responses
  </radius-statistic-responses>
  <radius-statistic-start-responses>
    radius-statistic-start-responses
  </radius-statistic-start-responses>
  <radius-statistic-interim-responses>
    radius-statistic-interim-responses
  </radius-statistic-interim-responses>
  <radius-statistic-stop-responses>
    radius-statistic-stop-responses
  </radius-statistic-stop-responses>
  <radius-statistic-malformed-responses>
    radius-statistic-malformed-responses
  </radius-statistic-malformed-responses>
  <radius-statistic-bad-authenticators>
    radius-statistic-bad-authenticators
  </radius-statistic-bad-authenticators>
  <radius-statistic-requests-pending>
    radius-statistic-requests-pending
  </radius-statistic-requests-pending>
  <radius-statistic-request-timeouts>
    radius-statistic-request-timeouts
  </radius-statistic-request-timeouts>
  <radius-statistic-unknown-responses>
    radius-statistic-unknown-responses
  </radius-statistic-unknown-responses>
  <radius-statistic-packets-dropped>
    radius-statistic-packets-dropped
  </radius-statistic-packets-dropped>
</radius-accounting-statistic-information-entry>

```

Description RADIUS accounting statistic entry sorted by IP address

<radius-accounting-statistic-information-entry>

Usage

```

<services-l2tp-radius-accounting-statistics-information>
  <radius-accounting-statistic-information-entry>
    <radius-server-statistics-entry-header>
      radius-server-statistics-entry-header
    </radius-server-statistics-entry-header>
    <radius-server-profile-name>

```

```
radius-server-profile-name
</radius-server-profile-name>
<radius-server-ip-address>
radius-server-ip-address
</radius-server-ip-address>
<radius-server-udp-port>
radius-server-udp-port
</radius-server-udp-port>
<radius-statistic-requests>
radius-statistic-requests
</radius-statistic-requests>
<radius-statistic-start-requests>
radius-statistic-start-requests
</radius-statistic-start-requests>
<radius-statistic-interim-requests>
radius-statistic-interim-requests
</radius-statistic-interim-requests>
<radius-statistic-stop-requests>
radius-statistic-stop-requests
</radius-statistic-stop-requests>
<radius-statistic-rollover-requests>
radius-statistic-rollover-requests
</radius-statistic-rollover-requests>
<radius-statistic-retransmissions>
radius-statistic-retransmissions
</radius-statistic-retransmissions>
<radius-statistic-responses>
radius-statistic-responses
</radius-statistic-responses>
<radius-statistic-start-responses>
radius-statistic-start-responses
</radius-statistic-start-responses>
<radius-statistic-interim-responses>
radius-statistic-interim-responses
</radius-statistic-interim-responses>
<radius-statistic-stop-responses>
radius-statistic-stop-responses
</radius-statistic-stop-responses>
<radius-statistic-malformed-responses>
radius-statistic-malformed-responses
</radius-statistic-malformed-responses>
<radius-statistic-bad-authenticators>
radius-statistic-bad-authenticators
</radius-statistic-bad-authenticators>
<radius-statistic-requests-pending>
radius-statistic-requests-pending
</radius-statistic-requests-pending>
<radius-statistic-request-timeouts>
radius-statistic-request-timeouts
</radius-statistic-request-timeouts>
<radius-statistic-unknown-responses>
radius-statistic-unknown-responses
</radius-statistic-unknown-responses>
<radius-statistic-packets-dropped>
radius-statistic-packets-dropped
</radius-statistic-packets-dropped>
```

```

</radius-accounting-statistic-information-entry>
</services-l2tp-radius-accounting-statistics-information>

```

Description RADIUS accounting statistic entry sorted by IP address

<radius-accounting-statistic-information-entry>

Usage

```

<services-l2tp-radius-authentication-accounting-statistics-information>
  <radius-accounting-statistic-information-entry>
    <radius-server-statistics-entry-header>
      radius-server-statistics-entry-header
    </radius-server-statistics-entry-header>
    <radius-server-profile-name>
      radius-server-profile-name
    </radius-server-profile-name>
    <radius-server-ip-address>
      radius-server-ip-address
    </radius-server-ip-address>
    <radius-server-udp-port>
      radius-server-udp-port
    </radius-server-udp-port>
    <radius-statistic-requests>
      radius-statistic-requests
    </radius-statistic-requests>
    <radius-statistic-start-requests>
      radius-statistic-start-requests
    </radius-statistic-start-requests>
    <radius-statistic-interim-requests>
      radius-statistic-interim-requests
    </radius-statistic-interim-requests>
    <radius-statistic-stop-requests>
      radius-statistic-stop-requests
    </radius-statistic-stop-requests>
    <radius-statistic-rollover-requests>
      radius-statistic-rollover-requests
    </radius-statistic-rollover-requests>
    <radius-statistic-retransmissions>
      radius-statistic-retransmissions
    </radius-statistic-retransmissions>
    <radius-statistic-responses>
      radius-statistic-responses
    </radius-statistic-responses>
    <radius-statistic-start-responses>
      radius-statistic-start-responses
    </radius-statistic-start-responses>
    <radius-statistic-interim-responses>
      radius-statistic-interim-responses
    </radius-statistic-interim-responses>
    <radius-statistic-stop-responses>
      radius-statistic-stop-responses
    </radius-statistic-stop-responses>
    <radius-statistic-malformed-responses>
      radius-statistic-malformed-responses
  </radius-accounting-statistic-information-entry>
</services-l2tp-radius-authentication-accounting-statistics-information>

```

```
</radius-statistic-malformed-responses>
<radius-statistic-bad-authenticators>
  radius-statistic-bad-authenticators
</radius-statistic-bad-authenticators>
<radius-statistic-requests-pending>
  radius-statistic-requests-pending
</radius-statistic-requests-pending>
<radius-statistic-request-timeouts>
  radius-statistic-request-timeouts
</radius-statistic-request-timeouts>
<radius-statistic-unknown-responses>
  radius-statistic-unknown-responses
</radius-statistic-unknown-responses>
<radius-statistic-packets-dropped>
  radius-statistic-packets-dropped
</radius-statistic-packets-dropped>
</radius-accounting-statistic-information-entry>
</services-l2tp-radius-authentication-accounting-statistics-information>
```

Description RADIUS accounting statistic entry sorted by IP address

<radius-authentication-server-information-entry>

Usage

```
<radius-authentication-server-information-entry>
<radius-server-ip-address>
  radius-server-ip-address
</radius-server-ip-address>
<radius-server-state>
  radius-server-state
</radius-server-state>
<radius-server-udp-port>
  radius-server-udp-port
</radius-server-udp-port>
<radius-server-retry-count>
  radius-server-retry-count
</radius-server-retry-count>
<radius-server-timeout>
  radius-server-timeout
</radius-server-timeout>
<radius-server-pending-requests>
  radius-server-pending-requests
</radius-server-pending-requests>
<radius-server-maximum-sessions>
  radius-server-maximum-sessions
</radius-server-maximum-sessions>
<radius-server-dead-time>
  radius-server-dead-time
</radius-server-dead-time>
<radius-server-secret-type>
  radius-server-secret-type
</radius-server-secret-type>
</radius-authentication-server-information-entry>
```


Description RADIUS authentication server information entry sorted by IP address

<radius-authentication-server-information-entry>

Usage

```
<services-l2tp-radius-authentication-servers-information>
  <radius-authentication-server-information-entry>
    <radius-server-ip-address>
      radius-server-ip-address
    </radius-server-ip-address>
    <radius-server-state>
      radius-server-state
    </radius-server-state>
    <radius-server-udp-port>
      radius-server-udp-port
    </radius-server-udp-port>
    <radius-server-retry-count>
      radius-server-retry-count
    </radius-server-retry-count>
    <radius-server-timeout>
      radius-server-timeout
    </radius-server-timeout>
    <radius-server-pending-requests>
      radius-server-pending-requests
    </radius-server-pending-requests>
    <radius-server-maximum-sessions>
      radius-server-maximum-sessions
    </radius-server-maximum-sessions>
    <radius-server-dead-time>
      radius-server-dead-time
    </radius-server-dead-time>
    <radius-server-secret-type>
      radius-server-secret-type
    </radius-server-secret-type>
  </radius-authentication-server-information-entry>
</services-l2tp-radius-authentication-servers-information>
```

Description RADIUS authentication server information entry sorted by IP address

<radius-authentication-server-information-entry>

Usage

```
<services-l2tp-radius-authentication-accounting-servers-information>
  <radius-authentication-server-information-entry>
    <radius-server-ip-address>
      radius-server-ip-address
    </radius-server-ip-address>
    <radius-server-state>
      radius-server-state
    </radius-server-state>
    <radius-server-udp-port>
      radius-server-udp-port
    </radius-server-udp-port>
    <radius-server-retry-count>
```

```
radius-server-retry-count
</radius-server-retry-count>
<radius-server-timeout>
radius-server-timeout
</radius-server-timeout>
<radius-server-pending-requests>
radius-server-pending-requests
</radius-server-pending-requests>
<radius-server-maximum-sessions>
radius-server-maximum-sessions
</radius-server-maximum-sessions>
<radius-server-dead-time>
radius-server-dead-time
</radius-server-dead-time>
<radius-server-secret-type>
radius-server-secret-type
</radius-server-secret-type>
</radius-authentication-server-information-entry>
</services-l2tp-radius-authentication-accounting-servers-information>
```

Description RADIUS authentication server information entry sorted by IP address

<radius-authentication-statistic-information-entry>

Usage

```
<radius-authentication-statistic-information-entry>
<radius-server-statistics-entry-header>
radius-server-statistics-entry-header
</radius-server-statistics-entry-header>
<radius-server-profile-name>
radius-server-profile-name
</radius-server-profile-name>
<radius-server-ip-address>
radius-server-ip-address
</radius-server-ip-address>
<radius-server-udp-port>
radius-server-udp-port
</radius-server-udp-port>
<radius-statistic-access-requests>
radius-statistic-access-requests
</radius-statistic-access-requests>
<radius-statistic-rollover-requests>
radius-statistic-rollover-requests
</radius-statistic-rollover-requests>
<radius-statistic-retransmissions>
radius-statistic-retransmissions
</radius-statistic-retransmissions>
<radius-statistic-access-accepts>
radius-statistic-access-accepts
</radius-statistic-access-accepts>
<radius-statistic-access-rejects>
radius-statistic-access-rejects
</radius-statistic-access-rejects>
<radius-statistic-access-challenges>
```

```

    radius-statistic-access-challenges
  </radius-statistic-access-challenges>
  <radius-statistic-malformed-responses>
    radius-statistic-malformed-responses
  </radius-statistic-malformed-responses>
  <radius-statistic-bad-authenticators>
    radius-statistic-bad-authenticators
  </radius-statistic-bad-authenticators>
  <radius-statistic-requests-pending>
    radius-statistic-requests-pending
  </radius-statistic-requests-pending>
  <radius-statistic-request-timeouts>
    radius-statistic-request-timeouts
  </radius-statistic-request-timeouts>
  <radius-statistic-unknown-responses>
    radius-statistic-unknown-responses
  </radius-statistic-unknown-responses>
  <radius-statistic-packets-dropped>
    radius-statistic-packets-dropped
  </radius-statistic-packets-dropped>
</radius-authentication-statistic-information-entry>

```

Description RADIUS authentication statistic entry sorted by IP address

<radius-authentication-statistic-information-entry>

Usage

```

<services-l2tp-radius-authentication-statistics-information>
  <radius-authentication-statistic-information-entry>
    <radius-server-statistics-entry-header>
      radius-server-statistics-entry-header
    </radius-server-statistics-entry-header>
    <radius-server-profile-name>
      radius-server-profile-name
    </radius-server-profile-name>
    <radius-server-ip-address>
      radius-server-ip-address
    </radius-server-ip-address>
    <radius-server-udp-port>
      radius-server-udp-port
    </radius-server-udp-port>
    <radius-statistic-access-requests>
      radius-statistic-access-requests
    </radius-statistic-access-requests>
    <radius-statistic-rollover-requests>
      radius-statistic-rollover-requests
    </radius-statistic-rollover-requests>
    <radius-statistic-retransmissions>
      radius-statistic-retransmissions
    </radius-statistic-retransmissions>
    <radius-statistic-access-accepts>
      radius-statistic-access-accepts
    </radius-statistic-access-accepts>
    <radius-statistic-access-rejects>

```

```
radius-statistic-access-rejects
</radius-statistic-access-rejects>
<radius-statistic-access-challenges>
radius-statistic-access-challenges
</radius-statistic-access-challenges>
<radius-statistic-malformed-responses>
radius-statistic-malformed-responses
</radius-statistic-malformed-responses>
<radius-statistic-bad-authenticators>
radius-statistic-bad-authenticators
</radius-statistic-bad-authenticators>
<radius-statistic-requests-pending>
radius-statistic-requests-pending
</radius-statistic-requests-pending>
<radius-statistic-request-timeouts>
radius-statistic-request-timeouts
</radius-statistic-request-timeouts>
<radius-statistic-unknown-responses>
radius-statistic-unknown-responses
</radius-statistic-unknown-responses>
<radius-statistic-packets-dropped>
radius-statistic-packets-dropped
</radius-statistic-packets-dropped>
</radius-authentication-statistic-information-entry>
</services-l2tp-radius-authentication-statistics-information>
```

Description RADIUS authentication statistic entry sorted by IP address

<radius-authentication-statistic-information-entry>

Usage

```
<services-l2tp-radius-authentication-accounting-statistics-information>
<radius-authentication-statistic-information-entry>
<radius-server-statistics-entry-header>
radius-server-statistics-entry-header
</radius-server-statistics-entry-header>
<radius-server-profile-name>
radius-server-profile-name
</radius-server-profile-name>
<radius-server-ip-address>
radius-server-ip-address
</radius-server-ip-address>
<radius-server-udp-port>
radius-server-udp-port
</radius-server-udp-port>
<radius-statistic-access-requests>
radius-statistic-access-requests
</radius-statistic-access-requests>
<radius-statistic-rollover-requests>
radius-statistic-rollover-requests
</radius-statistic-rollover-requests>
<radius-statistic-retransmissions>
radius-statistic-retransmissions
</radius-statistic-retransmissions>
```

```

<radius-statistic-access-accepts>
  radius-statistic-access-accepts
</radius-statistic-access-accepts>
<radius-statistic-access-rejects>
  radius-statistic-access-rejects
</radius-statistic-access-rejects>
<radius-statistic-access-challenges>
  radius-statistic-access-challenges
</radius-statistic-access-challenges>
<radius-statistic-malformed-responses>
  radius-statistic-malformed-responses
</radius-statistic-malformed-responses>
<radius-statistic-bad-authenticators>
  radius-statistic-bad-authenticators
</radius-statistic-bad-authenticators>
<radius-statistic-requests-pending>
  radius-statistic-requests-pending
</radius-statistic-requests-pending>
<radius-statistic-request-timeouts>
  radius-statistic-request-timeouts
</radius-statistic-request-timeouts>
<radius-statistic-unknown-responses>
  radius-statistic-unknown-responses
</radius-statistic-unknown-responses>
<radius-statistic-packets-dropped>
  radius-statistic-packets-dropped
</radius-statistic-packets-dropped>
</radius-authentication-statistic-information-entry>
</services-l2tp-radius-authentication-accounting-statistics-information>

```

Description RADIUS authentication statistic entry sorted by IP address

<radius-profile-access-test-detail-result>

Usage

```

<radius-profile-access-test-detail-result>
  <radius-profile-name>
    radius-profile-name
  </radius-profile-name>
  <radius-client-user-name>
    radius-client-user-name
  </radius-client-user-name>
  <radius-client-password>
    radius-client-password
  </radius-client-password>
  <radius-profile-num-servers>
    radius-profile-num-servers
  </radius-profile-num-servers>
  <radius-server-ip-address>
    radius-server-ip-address
  </radius-server-ip-address>
  <radius-server-udp-port>
    radius-server-udp-port
  </radius-server-udp-port>

```

```
<radius-server-source-address>
  radius-server-source-address
</radius-server-source-address>
<radius-server-timeout>
  radius-server-timeout
</radius-server-timeout>
<radius-server-retry-count>
  radius-server-retry-count
</radius-server-retry-count>
<radius-server-secret>
  radius-server-secret
</radius-server-secret>
<radius-server-status>
  radius-server-status
</radius-server-status>
<radius-server-attempts>
  radius-server-attempts
</radius-server-attempts>
<radius-server-attribute-name>
  radius-server-attribute-name
</radius-server-attribute-name>
<radius-server-attribute-len>
  radius-server-attribute-len
</radius-server-attribute-len>
<radius-server-attribute-value>
  radius-server-attribute-value
</radius-server-attribute-value>
</radius-profile-access-test-detail-result>
```

Description RADIUS server access test detail

<radius-profile-access-test-result>

Usage

```
<radius-profile-access-test-result>
  <radius-profile-name>
    radius-profile-name
  </radius-profile-name>
  <radius-client-user-name>
    radius-client-user-name
  </radius-client-user-name>
  <radius-client-password>
    radius-client-password
  </radius-client-password>
  <radius-profile-num-servers>
    radius-profile-num-servers
  </radius-profile-num-servers>
  <radius-server-ip-address>
    radius-server-ip-address
  </radius-server-ip-address>
  <radius-server-udp-port>
    radius-server-udp-port
  </radius-server-udp-port>
  <radius-server-source-address>
```

```

    radius-server-source-address
  </radius-server-source-address>
  <radius-server-timeout>
    radius-server-timeout
  </radius-server-timeout>
  <radius-server-retry-count>
    radius-server-retry-count
  </radius-server-retry-count>
  <radius-server-secret>
    radius-server-secret
  </radius-server-secret>
  <radius-server-status>
    radius-server-status
  </radius-server-status>
  <radius-server-attempts>
    radius-server-attempts
  </radius-server-attempts>
</radius-profile-access-test-result>

```

Description RADIUS server access test

<radius-server-access-test-result>

Usage

```

<radius-server-access-test-result>
  <radius-server-ip-address>
    radius-server-ip-address
  </radius-server-ip-address>
  <radius-server-udp-port>
    radius-server-udp-port
  </radius-server-udp-port>
  <radius-server-source-address>
    radius-server-source-address
  </radius-server-source-address>
  <radius-server-timeout>
    radius-server-timeout
  </radius-server-timeout>
  <radius-server-retry-count>
    radius-server-retry-count
  </radius-server-retry-count>
  <radius-server-secret>
    radius-server-secret
  </radius-server-secret>
  <radius-client-user-name>
    radius-client-user-name
  </radius-client-user-name>
  <radius-client-password>
    radius-client-password
  </radius-client-password>
  <radius-server-status>
    radius-server-status
  </radius-server-status>
</radius-server-access-test-result>

```

Description RADIUS server access test

<restart-bsg-service-information>

Usage

```
<restart-bsg-service-information>
  <gateway-name>
    gateway-name
  </gateway-name>
  <platform>
    platform
  </platform>
  <process-id>
    process-id
  </process-id>
</restart-bsg-service-information>
```

Description Restarted border signaling gateway process information

<restart-pgcp-service-information>

Usage

```
<restart-pgcp-service-information>
  <gateway-name>
    gateway-name
  </gateway-name>
  <platform>
    platform
  </platform>
  <process-id>
    process-id
  </process-id>
</restart-pgcp-service-information>
```

Description Restarted pgcp process information

<rule-entry>

Usage

```
<pgcpd-active-configuration>
  <rule-entry>
    <rule-name>
      rule-name
    </rule-name>
    <rule-gateway-name>
      rule-gateway-name
    </rule-gateway-name>
    <media-service-ref-entry>....</media-service-ref-entry>
  </rule-entry>
</pgcpd-active-configuration>
```


Description

<rule-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <rule-entry>
      <rule-name>
        rule-name
      </rule-name>
      <rule-gateway-name>
        rule-gateway-name
      </rule-gateway-name>
      <media-service-ref-entry>....</media-service-ref-entry>
    </rule-entry>
  </pgcpd-config>
</pgcpd-active-configuration>

```

Description

<rule-ref-entry>

Usage

```

<pgcpd-active-configuration>
  <rule-ref-entry>
    <rule-ref-name>
      rule-ref-name
    </rule-ref-name>
  </rule-ref-entry>
</pgcpd-active-configuration>

```

Description

<rule-ref-entry>

Usage

```

<pgcpd-active-configuration>
  <service-set-entry>
    <rule-ref-entry>
      <rule-ref-name>
        rule-ref-name
      </rule-ref-name>
    </rule-ref-entry>
  </service-set-entry>
</pgcpd-active-configuration>

```

Description

<rule-ref-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>

```

```
<service-set-entry>
  <rule-ref-entry>
    <rule-ref-name>
      rule-ref-name
    </rule-ref-name>
  </rule-ref-entry>
</service-set-entry>
</pgcpd-config>
</pgcpd-active-configuration>
```

Description

<sequencer-entries>

Usage

```
<lsqinfo-cpu-usage-information>
  <sequencer-entries>
    <sequencer-entry>.....</sequencer-entry>
  </sequencer-entries>
</lsqinfo-cpu-usage-information>
```

Description

<sequencer-entry>

Usage

```
<lsqinfo-cpu-usage-information>
  <sequencer-entries>
    <sequencer-entry>
      <cpu-name>
        cpu-name
      </cpu-name>
      <idle>
        idle
      </idle>
      <system>
        system
      </system>
      <input-lfi>
        input-lfi
      </input-lfi>
      <input-fragments>
        input-fragments
      </input-fragments>
      <output-fragments>
        output-fragments
      </output-fragments>
      <output-retry>
        output-retry
      </output-retry>
    </sequencer-entry>
  </sequencer-entries>
</lsqinfo-cpu-usage-information>
```

Description Sequencer CPU usage information

<service-bsg-debug-method-invoker>

Usage

```
<service-bsg-debug-method-invoker>
  <service-bsg-debug-method-invoker-result>
    service-bsg-debug-method-invoker-result
  </service-bsg-debug-method-invoker-result>
</service-bsg-debug-method-invoker>
```

Description Service border signaling gateway debug method-invoker

<service-cos-statistics-entry>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>

    <cos-stats-service-set-dscp-information>....</cos-stats-service-set-dscp-information>

    <cos-stats-service-set-forwarding-class-information>...</cos-stats-service-set-forwarding-class-information>

  </service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description Class of service statistics entry

<service-cos-statistics-information>

Usage

```
<service-cos-statistics-information>
  <service-cos-statistics-entry>....</service-cos-statistics-entry>
</service-cos-statistics-information>
```

Description Class of service statistics information

<service-crtp-extensive-information>

Usage

```
<service-crtp-extensive-information>
</service-crtp-extensive-information>
```

Description Per-interface negotiated CRTP options and statistics

<service-crtf-flow-table>

Usage

```
<crtf-per-interface-flow-table>
  <service-crtf-flow-table>
    <crtf-flow-entry>....</crtf-flow-entry>
  </service-crtf-flow-table>
</crtf-per-interface-flow-table>
```

Description CRTP flows

<service-crtf-flow-table>

Usage

```
<service-crtf-flow-table-information>
  <crtf-per-interface-flow-table>
    <service-crtf-flow-table>
      <crtf-flow-entry>....</crtf-flow-entry>
    </service-crtf-flow-table>
  </crtf-per-interface-flow-table>
</service-crtf-flow-table-information>
```

Description CRTP flows

<service-crtf-flow-table-information>

Usage

```
<service-crtf-flow-table-information>
  <crtf-per-interface-flow-table>....</crtf-per-interface-flow-table>
</service-crtf-flow-table-information>
```

Description CRTP flows sorted by interface name

<service-crtf-params-information>

Usage

```
<service-crtf-params-information>
</service-crtf-params-information>
```

Description Negotiated CRTP options sorted by interface name

<service-current-softwire-count>

Usage

```
<service-current-softwire-count-information>
  <service-current-softwire-count>
    <interface-name>
```

```

        interface-name
      </interface-name>
      <service-set-name>
        service-set-name
      </service-set-name>
      <ds-lite-software-count>
        ds-lite-software-count
      </ds-lite-software-count>
      <v6rd-software-count>
        v6rd-software-count
      </v6rd-software-count>
      </service-current-software-count>
    </service-current-software-count-information>

```

Description Current software count

<service-current-software-count-information>

Usage

```

<service-current-software-count-information>
  <service-current-software-count>....</service-current-software-count>
</service-current-software-count-information>

```

Description Count of matching current software entries

<service-flow-analysis-information>

Usage

```

<service-flow-analysis-information>
  <flow-analysis-statistics-pic-info>....</flow-analysis-statistics-pic-info>
  <flow-analysis-statistics-entry>....</flow-analysis-statistics-entry>
</service-flow-analysis-information>

```

Description

<service-identification-statistics>

Usage

```

<service-identification-statistics>
  <interface-name>
    interface-name
  </interface-name>
  <interfaces>
    interfaces
  </interfaces>
  <packets>
    packets
  </packets>
  <bytes>
    bytes
  </bytes>
  <errored-packets>

```

```
    errored-packets
  </errored-packets>
  <errored-bytes>
    errored-bytes
  </errored-bytes>
  <packet-processing-error>
    packet-processing-error
  </packet-processing-error>
  <errored-packets-tcp-malformed>
    errored-packets-tcp-malformed
  </errored-packets-tcp-malformed>
  <errored-packets-wap-invalid-transaction>
    errored-packets-wap-invalid-transaction
  </errored-packets-wap-invalid-transaction>
  <errored-packets-wap-transaction-in-error>
    errored-packets-wap-transaction-in-error
  </errored-packets-wap-transaction-in-error>
  <errored-packets-http-transaction-in-error>
    errored-packets-http-transaction-in-error
  </errored-packets-http-transaction-in-error>
  <header-examination-packets>
    header-examination-packets
  </header-examination-packets>
  <header-examination-bytes>
    header-examination-bytes
  </header-examination-bytes>
  <header-examination-flow>
    header-examination-flow
  </header-examination-flow>
  <header-examination-flow-matched>
    header-examination-flow-matched
  </header-examination-flow-matched>
  <header-examination-protocol-required>
    header-examination-protocol-required
  </header-examination-protocol-required>
  <header-examination-http-protocol-required>
    header-examination-http-protocol-required
  </header-examination-http-protocol-required>
  <header-examination-wap-protocol-required>
    header-examination-wap-protocol-required
  </header-examination-wap-protocol-required>
  <protocol-inspected-flow>
    protocol-inspected-flow
  </protocol-inspected-flow>
  <protocol-inspection-flow>
    protocol-inspection-flow
  </protocol-inspection-flow>
  <protocol-inspection-packets>
    protocol-inspection-packets
  </protocol-inspection-packets>
  <protocol-inspection-bytes>
    protocol-inspection-bytes
  </protocol-inspection-bytes>
  <protocol-inspection-flow-protocol-identified>
    protocol-inspection-flow-protocol-identified
  </protocol-inspection-flow-protocol-identified>
```

```
<protocol-inspection-http-uri>
  protocol-inspection-http-uri
</protocol-inspection-http-uri>
<protocol-inspection-http-uri-matched>
  protocol-inspection-http-uri-matched
</protocol-inspection-http-uri-matched>
<protocol-inspection-wap-uri>
  protocol-inspection-wap-uri
</protocol-inspection-wap-uri>
<protocol-inspection-wap-uri-matched>
  protocol-inspection-wap-uri-matched
</protocol-inspection-wap-uri-matched>
<wap-transaction-created>
  wap-transaction-created
</wap-transaction-created>
<wap-transaction-maximum>
  wap-transaction-maximum
</wap-transaction-maximum>
<wap-transaction-freed>
  wap-transaction-freed
</wap-transaction-freed>
<wap-transaction-idle-freed>
  wap-transaction-idle-freed
</wap-transaction-idle-freed>
<http-transaction-created>
  http-transaction-created
</http-transaction-created>
<http-transaction-maximum>
  http-transaction-maximum
</http-transaction-maximum>
<http-transaction-freed>
  http-transaction-freed
</http-transaction-freed>
<http-transaction-idle-freed>
  http-transaction-idle-freed
</http-transaction-idle-freed>
<uri-processing-error>
  uri-processing-error
</uri-processing-error>
<uri-error-failed-to-process>
  uri-error-failed-to-process
</uri-error-failed-to-process>
<uri-error-too-long>
  uri-error-too-long
</uri-error-too-long>
<transaction-error-failed-to-parse>
  transaction-error-failed-to-parse
</transaction-error-failed-to-parse>
<uri-error-no-system-resources>
  uri-error-no-system-resources
</uri-error-no-system-resources>
<header-examination-failed-configuration>
  header-examination-failed-configuration
</header-examination-failed-configuration>
<uri-examination-failed-configuration>
  uri-examination-failed-configuration
```

```
</uri-examination-failed-configuration>
</service-identification-statistics>
```

Description Statistics for the service-identification service

<service-identification-statistics>

Usage

```
<service-identification-statistics-information>
  <service-identification-statistics>
    <interface-name>
      interface-name
    </interface-name>
    <interfaces>
      interfaces
    </interfaces>
    <packets>
      packets
    </packets>
    <bytes>
      bytes
    </bytes>
    <errored-packets>
      errored-packets
    </errored-packets>
    <errored-bytes>
      errored-bytes
    </errored-bytes>
    <packet-processing-error>
      packet-processing-error
    </packet-processing-error>
    <errored-packets-tcp-malformed>
      errored-packets-tcp-malformed
    </errored-packets-tcp-malformed>
    <errored-packets-wap-invalid-transaction>
      errored-packets-wap-invalid-transaction
    </errored-packets-wap-invalid-transaction>
    <errored-packets-wap-transaction-in-error>
      errored-packets-wap-transaction-in-error
    </errored-packets-wap-transaction-in-error>
    <errored-packets-http-transaction-in-error>
      errored-packets-http-transaction-in-error
    </errored-packets-http-transaction-in-error>
    <header-examination-packets>
      header-examination-packets
    </header-examination-packets>
    <header-examination-bytes>
      header-examination-bytes
    </header-examination-bytes>
    <header-examination-flow>
      header-examination-flow
    </header-examination-flow>
    <header-examination-flow-matched>
      header-examination-flow-matched
```



```
</header-examination-flow-matched>
<header-examination-protocol-required>
  header-examination-protocol-required
</header-examination-protocol-required>
<header-examination-http-protocol-required>
  header-examination-http-protocol-required
</header-examination-http-protocol-required>
<header-examination-wap-protocol-required>
  header-examination-wap-protocol-required
</header-examination-wap-protocol-required>
<protocol-inspected-flow>
  protocol-inspected-flow
</protocol-inspected-flow>
<protocol-inspection-flow>
  protocol-inspection-flow
</protocol-inspection-flow>
<protocol-inspection-packets>
  protocol-inspection-packets
</protocol-inspection-packets>
<protocol-inspection-bytes>
  protocol-inspection-bytes
</protocol-inspection-bytes>
<protocol-inspection-flow-protocol-identified>
  protocol-inspection-flow-protocol-identified
</protocol-inspection-flow-protocol-identified>
<protocol-inspection-http-uri>
  protocol-inspection-http-uri
</protocol-inspection-http-uri>
<protocol-inspection-http-uri-matched>
  protocol-inspection-http-uri-matched
</protocol-inspection-http-uri-matched>
<protocol-inspection-wap-uri>
  protocol-inspection-wap-uri
</protocol-inspection-wap-uri>
<protocol-inspection-wap-uri-matched>
  protocol-inspection-wap-uri-matched
</protocol-inspection-wap-uri-matched>
<wap-transaction-created>
  wap-transaction-created
</wap-transaction-created>
<wap-transaction-maximum>
  wap-transaction-maximum
</wap-transaction-maximum>
<wap-transaction-freed>
  wap-transaction-freed
</wap-transaction-freed>
<wap-transaction-idle-freed>
  wap-transaction-idle-freed
</wap-transaction-idle-freed>
<http-transaction-created>
  http-transaction-created
</http-transaction-created>
<http-transaction-maximum>
  http-transaction-maximum
</http-transaction-maximum>
<http-transaction-freed>
```

```
    http-transaction-freed
  </http-transaction-freed>
  <http-transaction-idle-freed>
    http-transaction-idle-freed
  </http-transaction-idle-freed>
  <uri-processing-error>
    uri-processing-error
  </uri-processing-error>
  <uri-error-failed-to-process>
    uri-error-failed-to-process
  </uri-error-failed-to-process>
  <uri-error-too-long>
    uri-error-too-long
  </uri-error-too-long>
  <transaction-error-failed-to-parse>
    transaction-error-failed-to-parse
  </transaction-error-failed-to-parse>
  <uri-error-no-system-resources>
    uri-error-no-system-resources
  </uri-error-no-system-resources>
  <header-examination-failed-configuration>
    header-examination-failed-configuration
  </header-examination-failed-configuration>
  <uri-examination-failed-configuration>
    uri-examination-failed-configuration
  </uri-examination-failed-configuration>
</service-identification-statistics>
</service-identification-statistics-information>
```

Description Statistics for the service-identification service

<service-identification-statistics-information>

Usage

```
<service-identification-statistics-information>
  <service-identification-statistics>....</service-identification-statistics>
</service-identification-statistics-information>
```

Description

<service-ids-flow-table-information>

Usage

```
<service-ids-flow-table-information>
  <ids-show-summary>....</ids-show-summary>
  <ids-per-service-set-flow-table>....</ids-per-service-set-flow-table>
</service-ids-flow-table-information>
```

Description IDS table

<service-l2tp-destination-clear-information>

Usage

```
<service-l2tp-destination-clear-information>  
  <l2tp-destination-clear-entry>....</l2tp-destination-clear-entry>  
</service-l2tp-destination-clear-information>
```

Description L2TP cleared destination information

<service-l2tp-destination-information>

Usage

```
<service-l2tp-destination-information>  
  <l2tp-destination-table>....</l2tp-destination-table>  
</service-l2tp-destination-information>
```

Description L2TP destination information

<service-l2tp-lac-summary-information>

Usage

```
<service-l2tp-lac-summary-information>  
  <l2tp-lac-summary-table>....</l2tp-lac-summary-table>  
</service-l2tp-lac-summary-information>
```

Description L2TP summary information

<service-l2tp-multilink-clear-information>

Usage

```
<service-l2tp-multilink-clear-information>  
  <l2tp-multilink-clear-entry>....</l2tp-multilink-clear-entry>  
</service-l2tp-multilink-clear-information>
```

Description Multilink information cleared by L2TP

<service-l2tp-session-clear-information>

Usage

```
<service-l2tp-session-clear-information>  
  <l2tp-session-clear-entry>....</l2tp-session-clear-entry>  
</service-l2tp-session-clear-information>
```

Description L2TP cleared session information

<service-l2tp-session-information>

Usage

```
<service-l2tp-session-information>  
  <l2tp-per-tunnel-session-table>....</l2tp-per-tunnel-session-table>  
</service-l2tp-session-information>
```

Description L2TP session information

<service-l2tp-summary-information>

Usage

```
<service-l2tp-summary-information>  
  <l2tp-summary-table>....</l2tp-summary-table>  
</service-l2tp-summary-information>
```

Description L2TP summary information

<service-l2tp-tunnel-clear-information>

Usage

```
<service-l2tp-tunnel-clear-information>  
  <l2tp-tunnel-clear-entry>....</l2tp-tunnel-clear-entry>  
</service-l2tp-tunnel-clear-information>
```

Description L2TP cleared tunnel information

<service-l2tp-tunnel-information>

Usage

```
<service-l2tp-tunnel-information>  
  <l2tp-per-tunnel-group-tunnel-table>....</l2tp-per-tunnel-group-tunnel-table>  
</service-l2tp-tunnel-information>
```

Description L2TP tunnel information

<service-l2tp-user-information>

Usage

```
<service-l2tp-user-information>  
  <l2tp-per-tunnel-user-table>....</l2tp-per-tunnel-user-table>  
</service-l2tp-user-information>
```

Description L2TP user information

<service-msp-alg-conversation-information>

Usage

```

<service-msp-alg-conversation-information>
  <interface-name>
    interface-name
  </interface-name>
  <msp-alg-conv-all-entry>....</msp-alg-conv-all-entry>
  <msp-alg-conv-all-extensive-entry>....</msp-alg-conv-all-extensive-entry>
  <msp-alg-conv-summary-entry>....</msp-alg-conv-summary-entry>
  <msp-alg-conv-groups-entry>....</msp-alg-conv-groups-entry>
  <msp-alg-conv-group-num-entry>....</msp-alg-conv-group-num-entry>
  <msp-alg-conv-resources-entry>....</msp-alg-conv-resources-entry>
  <msp-alg-conv-resource-num-entry>....</msp-alg-conv-resource-num-entry>
</service-msp-alg-conversation-information>

```

Description Show ALG conversation details

<service-msp-alg-stats-information>

Usage

```

<service-msp-alg-stats-information>
  <interface-name>
    interface-name
  </interface-name>
  <msp-alg-rsh-entry>....</msp-alg-rsh-entry>
  <msp-alg-dns-entry>....</msp-alg-dns-entry>
  <msp-alg-pptp-entry>....</msp-alg-pptp-entry>
  <msp-alg-rtsp-entry>....</msp-alg-rtsp-entry>
  <msp-alg-ftp-entry>....</msp-alg-ftp-entry>
  <msp-alg-talk-entry>....</msp-alg-talk-entry>
  <msp-alg-sql-entry>....</msp-alg-sql-entry>
  <msp-alg-dce-rpc-portmap-entry>....</msp-alg-dce-rpc-portmap-entry>
  <msp-alg-dce-rpc-entry>....</msp-alg-dce-rpc-entry>
  <msp-alg-rpc-portmap-entry>....</msp-alg-rpc-portmap-entry>
  <msp-alg-rpc-entry>....</msp-alg-rpc-entry>
</service-msp-alg-stats-information>

```

Description Show ALG statistics

<service-msp-flow-drain>

Usage

```

<service-msp-flow-drain-information>
  <service-msp-flow-drain>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <flows-removed>

```

```
        flows-removed
      </flows-removed>
    </service-msp-flow-drain>
  </service-msp-flow-drain-information>
```

Description Flow removed

<service-msp-flow-drain-information>

Usage

```
<service-msp-flow-drain-information>
  <service-msp-flow-drain>....</service-msp-flow-drain>
</service-msp-flow-drain-information>
```

Description Remove established flows from the flow table

<service-msp-sess-count>

Usage

```
<service-msp-sess-count-information>
  <service-msp-sess-count>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <sess-count>
      sess-count
    </sess-count>
  </service-msp-sess-count>
</service-msp-sess-count-information>
```

Description Stateful firewall sessions count

<service-msp-sess-count-information>

Usage

```
<service-msp-sess-count-information>
  <service-msp-sess-count>....</service-msp-sess-count>
</service-msp-sess-count-information>
```

Description Count of matching session entries

<service-msp-sess-table-information>

Usage

```
<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>....</msp-per-service-set-sess-table>
```

```
</service-msp-sess-table-information>
```

Description Sessions sorted by service set

<service-nat-ipv6-multicast-interfaces>

Usage

```
<service-nat-ipv6-multicast-interfaces>
  <v6-multicast-interface-name>
    v6-multicast-interface-name
  </v6-multicast-interface-name>
  <v6-multicast-configured-status>
    v6-multicast-configured-status
  </v6-multicast-configured-status>
  <v6-multicast-operation-status>
    v6-multicast-operation-status
  </v6-multicast-operation-status>
  <v6-multicast-by-all>
    v6-multicast-by-all
  </v6-multicast-by-all>
</service-nat-ipv6-multicast-interfaces>
```

Description IPv6 multicast interfaces

<service-nat-ipv6-multicast-interfaces>

Usage

```
<service-nat-ipv6-multicast-interfaces-information>
  <service-nat-ipv6-multicast-interfaces>
    <v6-multicast-interface-name>
      v6-multicast-interface-name
    </v6-multicast-interface-name>
    <v6-multicast-configured-status>
      v6-multicast-configured-status
    </v6-multicast-configured-status>
    <v6-multicast-operation-status>
      v6-multicast-operation-status
    </v6-multicast-operation-status>
    <v6-multicast-by-all>
      v6-multicast-by-all
    </v6-multicast-by-all>
  </service-nat-ipv6-multicast-interfaces>
</service-nat-ipv6-multicast-interfaces-information>
```

Description IPv6 multicast interfaces

<service-nat-ipv6-multicast-interfaces-information>

Usage

```
<service-nat-ipv6-multicast-interfaces-information>
  <service-nat-ipv6-multicast-interfaces>....</service-nat-ipv6-multicast-interfaces>
```

```
</service-nat-ipv6-multicast-interfaces-information>
```

Description IPv6 multicast interfaces information

<service-nat-mapping-information>

Usage

```
<service-nat-mapping-information>
  <natmapping-address-mapping>....</natmapping-address-mapping>
  <sfw-per-service-set-nat-mapping>....</sfw-per-service-set-nat-mapping>
  <natmapping-summary>....</natmapping-summary>
</service-nat-mapping-information>
```

Description NAT mapping information

<service-nat-pool>

Usage

```
<service-nat-pool-information>
  <sfw-per-service-set-nat-pool>
    <service-nat-pool>
      <pool-name>
        pool-name
      </pool-name>
      <translation-type>
        translation-type
      </translation-type>
      <pool-address-start>
        pool-address-start
      </pool-address-start>
      <pool-address-end>
        pool-address-end
      </pool-address-end>
      <pool-address-range>
        pool-address-range
      </pool-address-range>
      <pool-address-range-list>....</pool-address-range-list>
      <pool-port-low>
        pool-port-low
      </pool-port-low>
      <pool-port-high>
        pool-port-high
      </pool-port-high>
      <pool-port-range>
        pool-port-range
      </pool-port-range>
      <pool-ports-in-use>
        pool-ports-in-use
      </pool-ports-in-use>
      <pool-out-of-port-errors>
        pool-out-of-port-errors
      </pool-out-of-port-errors>
```



```
<pool-out-of-address-errors>
  pool-out-of-address-errors
</pool-out-of-address-errors>
<pool-max-ports-in-use>
  pool-max-ports-in-use
</pool-max-ports-in-use>
<pool-addresses-in-use>
  pool-addresses-in-use
</pool-addresses-in-use>
</service-nat-pool>
</sfw-per-service-set-nat-pool>
</service-nat-pool-information>
```

Description NAT pool information

<service-nat-pool-information>

Usage

```
<service-nat-pool-information>
  <sfw-per-service-set-nat-pool>....</sfw-per-service-set-nat-pool>
</service-nat-pool-information>
```

Description Show information about NAT pools

<service-nat-pool-map>

Usage

```
<service-nat-mapping-information>
  <sfw-per-service-set-nat-mapping>
    <service-nat-pool-map>
      <pool-name>
        pool-name
      </pool-name>
      <natmapping-address-mapping>....</natmapping-address-mapping>
    </service-nat-pool-map>
  </sfw-per-service-set-nat-mapping>
</service-nat-mapping-information>
```

Description NAT pool information

<service-nat-statistics-information>

Usage

```
<service-nat-statistics-information>
  <interface-name>
    interface-name
  </interface-name>
  <nat-total-session-accepts>
    nat-total-session-accepts
  </nat-total-session-accepts>
  <nat-total-session-discards>
```

```
    nat-total-session-discards
  </nat-total-session-discards>
  <nat-total-session-ignores>
    nat-total-session-ignores
  </nat-total-session-ignores>
  <nat-session-accepts-due-to-alg>
    nat-session-accepts-due-to-alg
  </nat-session-accepts-due-to-alg>
  <nat-pkt-dst-in-nat-route>
    nat-pkt-dst-in-nat-route
  </nat-pkt-dst-in-nat-route>
  <nat-session-ext-alloc-failures>
    nat-session-ext-alloc-failures
  </nat-session-ext-alloc-failures>
  <nat-map-allocation-successes>
    nat-map-allocation-successes
  </nat-map-allocation-successes>
  <nat-map-allocation-failures>
    nat-map-allocation-failures
  </nat-map-allocation-failures>
  <nat-total-pkts-processed>
    nat-total-pkts-processed
  </nat-total-pkts-processed>
  <nat-total-pkts-forwarded>
    nat-total-pkts-forwarded
  </nat-total-pkts-forwarded>
  <nat-total-pkts-discarded>
    nat-total-pkts-discarded
  </nat-total-pkts-discarded>
  <nat-total-pkts-translated>
    nat-total-pkts-translated
  </nat-total-pkts-translated>
  <nat-total-pkts-restored>
    nat-total-pkts-restored
  </nat-total-pkts-restored>
  <nat-src-ipv4-translations>
    nat-src-ipv4-translations
  </nat-src-ipv4-translations>
  <nat-src-ipv4-restorations>
    nat-src-ipv4-restorations
  </nat-src-ipv4-restorations>
  <nat-dst-ipv4-translations>
    nat-dst-ipv4-translations
  </nat-dst-ipv4-translations>
  <nat-dst-ipv4-restorations>
    nat-dst-ipv4-restorations
  </nat-dst-ipv4-restorations>
  <nat-src-port-translations>
    nat-src-port-translations
  </nat-src-port-translations>
  <nat-src-port-restorations>
    nat-src-port-restorations
  </nat-src-port-restorations>
  <nat-dst-port-translations>
    nat-dst-port-translations
  </nat-dst-port-translations>
```

```

<nat-dst-port-restorations>
  nat-dst-port-restorations
</nat-dst-port-restorations>
<nat-icmp-id-translations>
  nat-icmp-id-translations
</nat-icmp-id-translations>
<nat-icmp-id-restorations>
  nat-icmp-id-restorations
</nat-icmp-id-restorations>
<nat-icmp-error-translations>
  nat-icmp-error-translations
</nat-icmp-error-translations>
<nat-tcp-port-translations>
  nat-tcp-port-translations
</nat-tcp-port-translations>
<nat-tcp-port-restorations>
  nat-tcp-port-restorations
</nat-tcp-port-restorations>
<nat-udp-port-translations>
  nat-udp-port-translations
</nat-udp-port-translations>
<nat-udp-port-restorations>
  nat-udp-port-restorations
</nat-udp-port-restorations>
<nat-gre-call-id-translations>
  nat-gre-call-id-translations
</nat-gre-call-id-translations>
<nat-gre-call-id-restorations>
  nat-gre-call-id-restorations
</nat-gre-call-id-restorations>
</service-nat-statistics-information>

```

Description**<service-pgcp-conversation-information>****Usage**

```

<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>....</pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>

```

Description Show conversations**<service-pgcp-debug-applicationq-latency>****Usage**

```

<service-pgcp-debug-applicationq-latency>
  <debug-applicationq-latency-information>
    debug-applicationq-latency-information
  </debug-applicationq-latency-information>
</service-pgcp-debug-applicationq-latency>

```

Description**<service-pgcp-debug-applicationq-size>****Usage**

```
<service-pgcp-debug-applicationq-size>
  <debug-applicationq-size-information>
    debug-applicationq-size-information
  </debug-applicationq-size-information>
</service-pgcp-debug-applicationq-size>
```

Description**<service-pgcp-debug-commit-latency>****Usage**

```
<service-pgcp-debug-commit-latency>
  <debug-commit-latency-information>
    debug-commit-latency-information
  </debug-commit-latency-information>
</service-pgcp-debug-commit-latency>
```

Description**<service-pgcp-debug-mem-mgmt-location>****Usage**

```
<service-pgcp-debug-mem-mgmt-location>
  <debug-mem-mgmt-location-information>
    debug-mem-mgmt-location-information
  </debug-mem-mgmt-location-information>
</service-pgcp-debug-mem-mgmt-location>
```

Description**<service-pgcp-debug-mem-mgmt-memory-usage>****Usage**

```
<service-pgcp-debug-mem-mgmt-memory-usage>
  <debug-mem-mgmt-memory-usage-information>
    debug-mem-mgmt-memory-usage-information
  </debug-mem-mgmt-memory-usage-information>
</service-pgcp-debug-mem-mgmt-memory-usage>
```

Description**<service-pgcp-debug-mem-mgmt-type>****Usage**

```
<service-pgcp-debug-mem-mgmt-type>
  <debug-mem-mgmt-type-information>
    debug-mem-mgmt-type-information
  </debug-mem-mgmt-type-information>
```

</service-pgcp-debug-mem-mgmt-type>

Description

<service-pgcp-debug-profiling-applicationq-latency-information>

Usage

<service-pgcp-debug-profiling-applicationq-latency-information>
</service-pgcp-debug-profiling-applicationq-latency-information>

Description Application queue latency information cleared by pgcpd

<service-pgcp-debug-profiling-datastore-commit-latency-information>

Usage

<service-pgcp-debug-profiling-datastore-commit-latency-information>
</service-pgcp-debug-profiling-datastore-commit-latency-information>

Description Datastore commit latency information cleared by pgcpd

<service-pgcp-debug-profiling-resumeq-latency-information>

Usage

<service-pgcp-debug-profiling-resumeq-latency-information>
</service-pgcp-debug-profiling-resumeq-latency-information>

Description Resume queue latency information cleared by pgcpd

<service-pgcp-debug-profiling-waitq-latency-information>

Usage

<service-pgcp-debug-profiling-waitq-latency-information>
</service-pgcp-debug-profiling-waitq-latency-information>

Description Wait queue latency information cleared by pgcpd

<service-pgcp-debug-profiling-workq-latency-information>

Usage

<service-pgcp-debug-profiling-workq-latency-information>
</service-pgcp-debug-profiling-workq-latency-information>

Description Work queue latency information cleared by pgcpd

<service-pgcp-debug-resumeq-latency>

Usage

<service-pgcp-debug-resumeq-latency>

```
<debug-resumeq-latency-information>  
  debug-resumeq-latency-information  
</debug-resumeq-latency-information>  
</service-pgcp-debug-resumeq-latency>
```

Description

<service-pgcp-debug-resumeq-size>

Usage

```
<service-pgcp-debug-resumeq-size>  
  <debug-resumeq-size-information>  
    debug-resumeq-size-information  
  </debug-resumeq-size-information>  
</service-pgcp-debug-resumeq-size>
```

Description

<service-pgcp-debug-roundtrip>

Usage

```
<service-pgcp-debug-roundtrip>  
  <debug-roundtrip-information>  
    debug-roundtrip-information  
  </debug-roundtrip-information>  
</service-pgcp-debug-roundtrip>
```

Description

<service-pgcp-debug-waitq-latency>

Usage

```
<service-pgcp-debug-waitq-latency>  
  <debug-waitq-latency-information>  
    debug-waitq-latency-information  
  </debug-waitq-latency-information>  
</service-pgcp-debug-waitq-latency>
```

Description

<service-pgcp-debug-waitq-size>

Usage

```
<service-pgcp-debug-waitq-size>  
  <debug-waitq-size-information>  
    debug-waitq-size-information  
  </debug-waitq-size-information>  
</service-pgcp-debug-waitq-size>
```

Description

<service-pgcp-debug-workq-latency>**Usage**

```
<service-pgcp-debug-workq-latency>
  <debug-workq-latency-information>
    debug-workq-latency-information
  </debug-workq-latency-information>
</service-pgcp-debug-workq-latency>
```

Description**<service-pgcp-debug-workq-size>****Usage**

```
<service-pgcp-debug-workq-size>
  <debug-workq-size-information>
    debug-workq-size-information
  </debug-workq-size-information>
</service-pgcp-debug-workq-size>
```

Description**<service-pgcp-error-reply>****Usage**

```
<service-pgcp-error-reply>
  <service-pgcp-error-reply-message>
    service-pgcp-error-reply-message
  </service-pgcp-error-reply-message>
</service-pgcp-error-reply>
```

Description**<service-pgcp-flow-count>****Usage**

```
<service-pgcp-flow-count-information>
  <service-pgcp-flow-count>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <flow-count>
      flow-count
    </flow-count>
  </service-pgcp-flow-count>
</service-pgcp-flow-count-information>
```

Description Stateful firewall flow count

<service-pgcp-flow-count-information>

Usage

```
<service-pgcp-flow-count-information>
  <service-pgcp-flow-count>....</service-pgcp-flow-count>
</service-pgcp-flow-count-information>
```

Description Count of matching flow entries

<service-pgcp-flow-table>

Usage

```
<pgcp-per-service-set-flow-table>
  <service-pgcp-flow-table>
    <pgcp-flow-entry>....</pgcp-flow-entry>
  </service-pgcp-flow-table>
</pgcp-per-service-set-flow-table>
```

Description Stateful firewall flows

<service-pgcp-flow-table>

Usage

```
<service-pgcp-flow-table-information>
  <pgcp-per-service-set-flow-table>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>....</pgcp-flow-entry>
    </service-pgcp-flow-table>
  </pgcp-per-service-set-flow-table>
</service-pgcp-flow-table-information>
```

Description Stateful firewall flows

<service-pgcp-flow-table>

Usage

```
<pgcp-per-service-set-conversation>
  <pgcp-conversation>
    <service-pgcp-flow-table>
      <pgcp-flow-entry>....</pgcp-flow-entry>
    </service-pgcp-flow-table>
  </pgcp-conversation>
</pgcp-per-service-set-conversation>
```

Description Stateful firewall flows

<service-pgcp-flow-table>

Usage

```

<service-pgcp-conversation-information>
  <pgcp-per-service-set-conversation>
    <pgcp-conversation>
      <service-pgcp-flow-table>
        <pgcp-flow-entry>....</pgcp-flow-entry>
      </service-pgcp-flow-table>
    </pgcp-conversation>
  </pgcp-per-service-set-conversation>
</service-pgcp-conversation-information>

```

Description Stateful firewall flows

<service-pgcp-flow-table-information>

Usage

```

<service-pgcp-flow-table-information>
  <pgcp-per-service-set-flow-table>....</pgcp-per-service-set-flow-table>
</service-pgcp-flow-table-information>

```

Description Conversations sorted by service set

<service-pgcp-gate-entry-information>

Usage

```

<service-pgcp-gate-entry-information>
  <gate-id>
    gate-id
  </gate-id>
  <gate-state>
    gate-state
  </gate-state>
  <gate-direction>
    gate-direction
  </gate-direction>
  <gate-action>
    gate-action
  </gate-action>
  <source-routing-instance>
    source-routing-instance
  </source-routing-instance>
  <destination-routing-instance>
    destination-routing-instance
  </destination-routing-instance>
  <gate-service-set-id>
    gate-service-set-id
  </gate-service-set-id>
  <media-card-name>
    media-card-name
  </media-card-name>

```

```
<media-handler-name>
  media-handler-name
</media-handler-name>
<termination-id-string>
  termination-id-string
</termination-id-string>
<gate-remote-source-address>
  gate-remote-source-address
</gate-remote-source-address>
<gate-remote-source-port>
  gate-remote-source-port
</gate-remote-source-port>
<gate-remote-destination-address>
  gate-remote-destination-address
</gate-remote-destination-address>
<gate-remote-destination-port>
  gate-remote-destination-port
</gate-remote-destination-port>
<gate-local-source-address>
  gate-local-source-address
</gate-local-source-address>
<gate-local-source-port>
  gate-local-source-port
</gate-local-source-port>
<gate-local-destination-address>
  gate-local-destination-address
</gate-local-destination-address>
<gate-local-destination-port>
  gate-local-destination-port
</gate-local-destination-port>
<gate-transport>
  gate-transport
</gate-transport>
<gate-rtcp-shadow>
  gate-rtcp-shadow
</gate-rtcp-shadow>
<gate-latch>
  gate-latch
</gate-latch>
<gate-dscp>
  gate-dscp
</gate-dscp>
<gate-tman-policing>
  gate-tman-policing
</gate-tman-policing>
<gate-sdr>
  gate-sdr
</gate-sdr>
<gate-pdr>
  gate-pdr
</gate-pdr>
<gate-mbs>
  gate-mbs
</gate-mbs>
<rtcp-sdr>
  rtcp-sdr
```

```
</rtcp-sdr>
<rtcp-pdr>
  rtcp-pdr
</rtcp-pdr>
<rtcp-mbs>
  rtcp-mbs
</rtcp-mbs>
<gate-fuf-policing>
  gate-fuf-policing
</gate-fuf-policing>
<gate-green-action>
  gate-green-action
</gate-green-action>
<gate-yellow-action>
  gate-yellow-action
</gate-yellow-action>
<gate-red-action>
  gate-red-action
</gate-red-action>
<gate-output-packets>
  gate-output-packets
</gate-output-packets>
<gate-input-packets>
  gate-input-packets
</gate-input-packets>
<gate-dropped-packets>
  gate-dropped-packets
</gate-dropped-packets>
<gate-lost-rtp-packets>
  gate-lost-rtp-packets
</gate-lost-rtp-packets>
<gate-fractional-lost-rtp-packets>
  gate-fractional-lost-rtp-packets
</gate-fractional-lost-rtp-packets>
<gate-rtcp-information>....</gate-rtcp-information>
<gate-measured-rate>
  gate-measured-rate
</gate-measured-rate>
<service-rate-limit-information>....</service-rate-limit-information>
<gate-fuf-statistics-information>....</gate-fuf-statistics-information>
<gate-mirroring-state>
  gate-mirroring-state
</gate-mirroring-state>
<gate-mirroring-correlation-number>
  gate-mirroring-correlation-number
</gate-mirroring-correlation-number>
<gate-mirroring-target-id>
  gate-mirroring-target-id
</gate-mirroring-target-id>
<gate-mirroring-direction>
  gate-mirroring-direction
</gate-mirroring-direction>
<gate-srtp-stats-information>....</gate-srtp-stats-information>
<gate-srtcp-stats-information>....</gate-srtcp-stats-information>
</service-pgcp-gate-entry-information>
```

Description

<service-pgcp-gate-entry-information>

Usage

```
<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <gate-id>
      gate-id
    </gate-id>
    <gate-state>
      gate-state
    </gate-state>
    <gate-direction>
      gate-direction
    </gate-direction>
    <gate-action>
      gate-action
    </gate-action>
    <source-routing-instance>
      source-routing-instance
    </source-routing-instance>
    <destination-routing-instance>
      destination-routing-instance
    </destination-routing-instance>
    <gate-service-set-id>
      gate-service-set-id
    </gate-service-set-id>
    <media-card-name>
      media-card-name
    </media-card-name>
    <media-handler-name>
      media-handler-name
    </media-handler-name>
    <termination-id-string>
      termination-id-string
    </termination-id-string>
    <gate-remote-source-address>
      gate-remote-source-address
    </gate-remote-source-address>
    <gate-remote-source-port>
      gate-remote-source-port
    </gate-remote-source-port>
    <gate-remote-destination-address>
      gate-remote-destination-address
    </gate-remote-destination-address>
    <gate-remote-destination-port>
      gate-remote-destination-port
    </gate-remote-destination-port>
    <gate-local-source-address>
      gate-local-source-address
    </gate-local-source-address>
    <gate-local-source-port>
      gate-local-source-port
    </gate-local-source-port>
    <gate-local-destination-address>
```

```
    gate-local-destination-address
  </gate-local-destination-address>
  <gate-local-destination-port>
    gate-local-destination-port
  </gate-local-destination-port>
  <gate-transport>
    gate-transport
  </gate-transport>
  <gate-rtcp-shadow>
    gate-rtcp-shadow
  </gate-rtcp-shadow>
  <gate-latch>
    gate-latch
  </gate-latch>
  <gate-dscp>
    gate-dscp
  </gate-dscp>
  <gate-tman-policing>
    gate-tman-policing
  </gate-tman-policing>
  <gate-sdr>
    gate-sdr
  </gate-sdr>
  <gate-pdr>
    gate-pdr
  </gate-pdr>
  <gate-mbs>
    gate-mbs
  </gate-mbs>
  <rtcp-sdr>
    rtcp-sdr
  </rtcp-sdr>
  <rtcp-pdr>
    rtcp-pdr
  </rtcp-pdr>
  <rtcp-mbs>
    rtcp-mbs
  </rtcp-mbs>
  <gate-fuf-policing>
    gate-fuf-policing
  </gate-fuf-policing>
  <gate-green-action>
    gate-green-action
  </gate-green-action>
  <gate-yellow-action>
    gate-yellow-action
  </gate-yellow-action>
  <gate-red-action>
    gate-red-action
  </gate-red-action>
  <gate-output-packets>
    gate-output-packets
  </gate-output-packets>
  <gate-input-packets>
    gate-input-packets
  </gate-input-packets>
```

```
<gate-dropped-packets>
  gate-dropped-packets
</gate-dropped-packets>
<gate-lost-rtp-packets>
  gate-lost-rtp-packets
</gate-lost-rtp-packets>
<gate-fractional-lost-rtp-packets>
  gate-fractional-lost-rtp-packets
</gate-fractional-lost-rtp-packets>
<gate-rtcp-information>....</gate-rtcp-information>
<gate-measured-rate>
  gate-measured-rate
</gate-measured-rate>
<service-rate-limit-information>....</service-rate-limit-information>
<gate-fuf-statistics-information>....</gate-fuf-statistics-information>
<gate-mirroring-state>
  gate-mirroring-state
</gate-mirroring-state>
<gate-mirroring-correlation-number>
  gate-mirroring-correlation-number
</gate-mirroring-correlation-number>
<gate-mirroring-target-id>
  gate-mirroring-target-id
</gate-mirroring-target-id>
<gate-mirroring-direction>
  gate-mirroring-direction
</gate-mirroring-direction>
<gate-srtp-stats-information>....</gate-srtp-stats-information>
<gate-srtcp-stats-information>....</gate-srtcp-stats-information>
</service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description

<service-pgcp-gates>

Usage

```
<service-pgcp-gates>
  <gateway-entry>....</gateway-entry>
  <service-pgcp-gate-entry-information>....</service-pgcp-gate-entry-information>

  <service-pgcp-gates-count>....</service-pgcp-gates-count>
</service-pgcp-gates>
```

Description

<service-pgcp-gates-count>

Usage

```
<service-pgcp-gates-count>
  <gate-count>
    gate-count
  </gate-count>
  <gateway-name>
```

```

        gateway-name
      </gateway-name>
    </service-pgcp-gates-count>

```

Description Count of gate entries per gateway

<service-pgcp-gates-count>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gates-count>
    <gate-count>
      gate-count
    </gate-count>
    <gateway-name>
      gateway-name
    </gateway-name>
  </service-pgcp-gates-count>
</service-pgcp-gates>

```

Description Count of gate entries per gateway

<service-pgcp-gates-drain-information>

Usage

```

<service-pgcp-gates-drain-information>
  <gateway-collections-number>
    gateway-collections-number
  </gateway-collections-number>
</service-pgcp-gates-drain-information>

```

Description Gates information cleared by pgcpd

<service-pgcp-stat-h248-per-command>

Usage

```

<service-pgcp-stat-h248-per-command>
  <command-name>
    command-name
  </command-name>
  <commands-total>
    commands-total
  </commands-total>
  <commands-wildcard>
    commands-wildcard
  </commands-wildcard>
  <commands-success>
    commands-success
  </commands-success>
  <commands-error>
    commands-error

```

```
</commands-error>
</service-pgcp-stat-h248-per-command>
```

Description

<service-pgcp-stat-h248-per-command>

Usage

```
<service-pgcp-statistics-gateway>
  <service-pgcp-stat-h248-per-command>
    <command-name>
      command-name
    </command-name>
    <commands-total>
      commands-total
    </commands-total>
    <commands-wildcard>
      commands-wildcard
    </commands-wildcard>
    <commands-success>
      commands-success
    </commands-success>
    <commands-error>
      commands-error
    </commands-error>
  </service-pgcp-stat-h248-per-command>
</service-pgcp-statistics-gateway>
```

Description

<service-pgcp-stat-h248-per-command-header>

Usage

```
<service-pgcp-stat-h248-per-command-header>
  <per-command-header-name>
    per-command-header-name
  </per-command-header-name>
</service-pgcp-stat-h248-per-command-header>
```

Description

<service-pgcp-stat-h248-per-command-header>

Usage

```
<service-pgcp-statistics-gateway>
  <service-pgcp-stat-h248-per-command-header>
    <per-command-header-name>
      per-command-header-name
    </per-command-header-name>
  </service-pgcp-stat-h248-per-command-header>
</service-pgcp-statistics-gateway>
```


Description**<service-pgcp-statistics-drain-information>****Usage**

```
<service-pgcp-statistics-drain-information>
</service-pgcp-statistics-drain-information>
```

Description Statistics information cleared by pgcpd

<service-pgcp-statistics-gateway>**Usage**

```
<service-pgcp-statistics-gateway>
  <pgcp-statistics-since>
    pgcp-statistics-since
  </pgcp-statistics-since>
  <gateway-entry>....</gateway-entry>
  <service-pic-entry>....</service-pic-entry>
  <services-pgcp-traffic-entry>....</services-pgcp-traffic-entry>
  <services-pgcp-dropped-traffic-entry>....</services-pgcp-dropped-traffic-entry>

  <usage-counters-entry>....</usage-counters-entry>
  <service-pgcp-statistics-h248>....</service-pgcp-statistics-h248>

  <service-pgcp-stat-h248-per-command-header>....</service-pgcp-stat-h248-per-command-header>

  <service-pgcp-stat-h248-per-command>....</service-pgcp-stat-h248-per-command>

</service-pgcp-statistics-gateway>
```

Description**<service-pgcp-statistics-h248>****Usage**

```
<service-pgcp-statistics-h248>
  <messages-received>
    messages-received
  </messages-received>
  <octets-received>
    octets-received
  </octets-received>
  <messages-sent>
    messages-sent
  </messages-sent>
  <octets-sent>
    octets-sent
  </octets-sent>
  <protocol-errors>
    protocol-errors
  </protocol-errors>
  <transport-losses>
```

```
    transport-losses
  </transport-losses>
  <last-detected-event>
    last-detected-event
  </last-detected-event>
  <last-detected-event-time>
    last-detected-event-time
  </last-detected-event-time>
  <last-reset-time>
    last-reset-time
  </last-reset-time>
</service-pgcp-statistics-h248>
```

Description

<service-pgcp-statistics-h248>

Usage

```
<service-pgcp-statistics-gateway>
  <service-pgcp-statistics-h248>
    <messages-received>
      messages-received
    </messages-received>
    <octets-received>
      octets-received
    </octets-received>
    <messages-sent>
      messages-sent
    </messages-sent>
    <octets-sent>
      octets-sent
    </octets-sent>
    <protocol-errors>
      protocol-errors
    </protocol-errors>
    <transport-losses>
      transport-losses
    </transport-losses>
    <last-detected-event>
      last-detected-event
    </last-detected-event>
    <last-detected-event-time>
      last-detected-event-time
    </last-detected-event-time>
    <last-reset-time>
      last-reset-time
    </last-reset-time>
  </service-pgcp-statistics-h248>
</service-pgcp-statistics-gateway>
```

Description

<service-pgcp-termination-entry-information>**Usage**

```

<service-pgcp-termination-entry-information>
  <termination-id-string>
    termination-id-string
  </termination-id-string>
  <termination-state>
    termination-state
  </termination-state>
  <termination-duration>
    termination-duration
  </termination-duration>
  <termination-h248-dump>
    termination-h248-dump
  </termination-h248-dump>
</service-pgcp-termination-entry-information>

```

Description**<service-pgcp-termination-entry-information>****Usage**

```

<service-pgcp-terminations>
  <service-pgcp-termination-entry-information>
    <termination-id-string>
      termination-id-string
    </termination-id-string>
    <termination-state>
      termination-state
    </termination-state>
    <termination-duration>
      termination-duration
    </termination-duration>
    <termination-h248-dump>
      termination-h248-dump
    </termination-h248-dump>
  </service-pgcp-termination-entry-information>
</service-pgcp-terminations>

```

Description**<service-pgcp-termination-gates-information>****Usage**

```

<service-pgcp-termination-gates-information>
  <gate-id>
    gate-id
  </gate-id>
  <gate-direction>
    gate-direction
  </gate-direction>
  <gate-state>
    gate-state

```

```
</gate-state>
<gate-action>
  gate-action
</gate-action>
</service-pgcp-termination-gates-information>
```

Description

<service-pgcp-termination-gates-information>

Usage

```
<service-pgcp-terminations>
  <service-pgcp-termination-gates-information>
    <gate-id>
      gate-id
    </gate-id>
    <gate-direction>
      gate-direction
    </gate-direction>
    <gate-state>
      gate-state
    </gate-state>
    <gate-action>
      gate-action
    </gate-action>
  </service-pgcp-termination-gates-information>
</service-pgcp-terminations>
```

Description

<service-pgcp-terminations>

Usage

```
<service-pgcp-terminations>
  <gateway-entry>....</gateway-entry>

  <service-pgcp-termination-entry-information>....</service-pgcp-termination-entry-information>

  <service-pgcp-termination-gates-information>....</service-pgcp-termination-gates-information>

  <service-pgcp-terminations-count>....</service-pgcp-terminations-count>
</service-pgcp-terminations>
```

Description

<service-pgcp-terminations-count>

Usage

```
<service-pgcp-terminations-count>
  <termination-count>
    termination-count
  </termination-count>
  <gateway-name>
```

```

        gateway-name
      </gateway-name>
    </service-pgcp-terminations-count>

```

Description Count of termination entries per gateway

<service-pgcp-terminations-count>

Usage

```

<service-pgcp-terminations>
  <service-pgcp-terminations-count>
    <termination-count>
      termination-count
    </termination-count>
    <gateway-name>
      gateway-name
    </gateway-name>
  </service-pgcp-terminations-count>
</service-pgcp-terminations>

```

Description Count of termination entries per gateway

<service-pic-entry>

Usage

```

<pgcpd-active-configuration>
  <service-pic-entry>
    <pic-name>
      pic-name
    </pic-name>
    <pic-status>
      pic-status
    </pic-status>
  </service-pic-entry>
</pgcpd-active-configuration>

```

Description

<service-pic-entry>

Usage

```

<pgcpd-active-configuration>
  <pgcpd-config>
    <service-pic-entry>
      <pic-name>
        pic-name
      </pic-name>
      <pic-status>
        pic-status
      </pic-status>
    </service-pic-entry>
  </pgcpd-config>

```

```
</pgcpd-active-configuration>
```

Description

```
<service-pic-entry>
```

Usage

```
<service-pgcp-statistics-gateway>
  <service-pic-entry>
    <pic-name>
      pic-name
    </pic-name>
    <pic-status>
      pic-status
    </pic-status>
  </service-pic-entry>
</service-pgcp-statistics-gateway>
```

Description

```
<service-rate-limit-entry>
```

Usage

```
<service-rate-limit-information>
  <service-rate-limit-entry>
    <service-rate-limit-mark-color>
      service-rate-limit-mark-color
    </service-rate-limit-mark-color>
    <service-rate-limit-packet-count>
      service-rate-limit-packet-count
    </service-rate-limit-packet-count>
    <service-rate-limit-byte-count>
      service-rate-limit-byte-count
    </service-rate-limit-byte-count>
  </service-rate-limit-entry>
</service-rate-limit-information>
```

Description

```
<service-rate-limit-entry>
```

Usage

```
<service-pgcp-gate-entry-information>
  <service-rate-limit-information>
    <service-rate-limit-entry>
      <service-rate-limit-mark-color>
        service-rate-limit-mark-color
      </service-rate-limit-mark-color>
      <service-rate-limit-packet-count>
        service-rate-limit-packet-count
      </service-rate-limit-packet-count>
      <service-rate-limit-byte-count>
        service-rate-limit-byte-count
      </service-rate-limit-byte-count>
    </service-rate-limit-entry>
  </service-rate-limit-information>
```

```

    </service-rate-limit-entry>
  </service-rate-limit-information>
</service-pgcp-gate-entry-information>

```

Description

<service-rate-limit-entry>

Usage

```

<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <service-rate-limit-information>
      <service-rate-limit-entry>
        <service-rate-limit-mark-color>
          service-rate-limit-mark-color
        </service-rate-limit-mark-color>
        <service-rate-limit-packet-count>
          service-rate-limit-packet-count
        </service-rate-limit-packet-count>
        <service-rate-limit-byte-count>
          service-rate-limit-byte-count
        </service-rate-limit-byte-count>
      </service-rate-limit-entry>
    </service-rate-limit-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>

```

Description

<service-rate-limit-information>

Usage

```

<service-rate-limit-information>
  <service-rate-limit-entry>....</service-rate-limit-entry>
</service-rate-limit-information>

```

Description Rate limiting statistics

<service-rate-limit-information>

Usage

```

<service-pgcp-gate-entry-information>
  <service-rate-limit-information>
    <service-rate-limit-entry>....</service-rate-limit-entry>
  </service-rate-limit-information>
</service-pgcp-gate-entry-information>

```

Description Rate limiting statistics

<service-rate-limit-information>

Usage

```
<service-pgcp-gates>
  <service-pgcp-gate-entry-information>
    <service-rate-limit-information>
      <service-rate-limit-entry>....</service-rate-limit-entry>
    </service-rate-limit-information>
  </service-pgcp-gate-entry-information>
</service-pgcp-gates>
```

Description Rate limiting statistics

<service-set-cpu-statistics>

Usage

```
<service-set-cpu-statistics>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <cpu-utilization-percent>
    cpu-utilization-percent
  </cpu-utilization-percent>
</service-set-cpu-statistics>
```

Description CPU usage statistics

<service-set-cpu-statistics>

Usage

```
<service-set-cpu-statistics-information>
  <service-set-cpu-statistics>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <cpu-utilization-percent>
      cpu-utilization-percent
    </cpu-utilization-percent>
  </service-set-cpu-statistics>
</service-set-cpu-statistics-information>
```

Description CPU usage statistics

<service-set-cpu-statistics-information>**Usage**

```
<service-set-cpu-statistics-information>
  <service-set-cpu-statistics>....</service-set-cpu-statistics>
</service-set-cpu-statistics-information>
```

Description**<service-set-entry>****Usage**

```
<pgcpd-active-configuration>
  <service-set-entry>
    <service-set-name>
      service-set-name
    </service-set-name>
    <id>
      id
    </id>
    <rule-ref-entry>....</rule-ref-entry>
  </service-set-entry>
</pgcpd-active-configuration>
```

Description**<service-set-entry>****Usage**

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <service-set-entry>
      <service-set-name>
        service-set-name
      </service-set-name>
      <id>
        id
      </id>
      <rule-ref-entry>....</rule-ref-entry>
    </service-set-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

Description**<service-set-memory-statistics>****Usage**

```
<service-set-memory-statistics>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
```

```
    interface-name
  </interface-name>
  <bytes-used>
    bytes-used
  </bytes-used>
</service-set-memory-statistics>
```

Description Memory usage statistics

<service-set-memory-statistics>

Usage

```
<service-set-memory-statistics-information>
  <service-set-memory-statistics>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <bytes-used>
      bytes-used
    </bytes-used>
  </service-set-memory-statistics>
</service-set-memory-statistics-information>
```

Description Memory usage statistics

<service-set-memory-statistics-information>

Usage

```
<service-set-memory-statistics-information>
  <service-set-memory-statistics>....</service-set-memory-statistics>
</service-set-memory-statistics-information>
```

Description

<service-set-packet-drop-statistics>

Usage

```
<service-set-packet-drop-statistics>
  <service-set-packet-drops>....</service-set-packet-drops>
</service-set-packet-drop-statistics>
```

Description

<service-set-packet-drops>

Usage

```
<service-set-packet-drops>
  <service-set-name>
```

```

    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <cpulimit-drops>
    cpulimit-drops
  </cpulimit-drops>
  <memlimit-drops>
    memlimit-drops
  </memlimit-drops>
  <flowlimit-drops>
    flowlimit-drops
  </flowlimit-drops>
  <tcpalg-drops>
    tcpalg-drops
  </tcpalg-drops>
</service-set-packet-drops>

```

Description Packet-drop statistics

<service-set-packet-drops>

Usage

```

<service-set-packet-drop-statistics>
  <service-set-packet-drops>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <cpulimit-drops>
      cpulimit-drops
    </cpulimit-drops>
    <memlimit-drops>
      memlimit-drops
    </memlimit-drops>
    <flowlimit-drops>
      flowlimit-drops
    </flowlimit-drops>
    <tcpalg-drops>
      tcpalg-drops
    </tcpalg-drops>
  </service-set-packet-drops>
</service-set-packet-drop-statistics>

```

Description Packet-drop statistics

<service-set-plugin-information>

Usage

```

<service-set-plugin-information>

```

```
<service-set-name>
  service-set-name
</service-set-name>
<service-set-state>
  service-set-state
</service-set-state>
<plugins-configured>
  plugins-configured
</plugins-configured>
<plugin-name>
  plugin-name
</plugin-name>
<plugin-id>
  plugin-id
</plugin-id>
</service-set-plugin-information>
```

Description Service set plugin information

<service-set-plugin-information>

Usage

```
<service-set-plugin-summary>
  <service-set-plugin-information>
    <service-set-name>
      service-set-name
    </service-set-name>
    <service-set-state>
      service-set-state
    </service-set-state>
    <plugins-configured>
      plugins-configured
    </plugins-configured>
    <plugin-name>
      plugin-name
    </plugin-name>
    <plugin-id>
      plugin-id
    </plugin-id>
  </service-set-plugin-information>
</service-set-plugin-summary>
```

Description Service set plugin information

<service-set-plugin-summary>

Usage

```
<service-set-plugin-summary>
  <interface-name>
    interface-name
  </interface-name>
  <service-set-plugin-information>....</service-set-plugin-information>
```

</service-set-plugin-summary>

Description Service set plugin summary

<service-set-service-type-entry>

Usage

```
<service-set-service-type-entry>
  <service-type>
    service-type
  </service-type>
  <service-sets-configured>
    service-sets-configured
  </service-sets-configured>
  <service-set-bytes-used>
    service-set-bytes-used
  </service-set-bytes-used>
  <service-set-percent-bytes-used>
    service-set-percent-bytes-used
  </service-set-percent-bytes-used>
  <service-set-cpu-utilization>
    service-set-cpu-utilization
  </service-set-cpu-utilization>
  <service-set-policy-bytes-used>
    service-set-policy-bytes-used
  </service-set-policy-bytes-used>
  <service-set-percent-policy-bytes-used>
    service-set-percent-policy-bytes-used
  </service-set-percent-policy-bytes-used>
</service-set-service-type-entry>
```

Description Service set service type entry

<service-set-service-type-entry>

Usage

```
<service-set-summary-information>
  <service-set-summary-information-entry>
    <service-set-service-type-entry>
      <service-type>
        service-type
      </service-type>
      <service-sets-configured>
        service-sets-configured
      </service-sets-configured>
      <service-set-bytes-used>
        service-set-bytes-used
      </service-set-bytes-used>
      <service-set-percent-bytes-used>
        service-set-percent-bytes-used
      </service-set-percent-bytes-used>
      <service-set-cpu-utilization>
        service-set-cpu-utilization
    </service-set-service-type-entry>
  </service-set-summary-information-entry>
</service-set-summary-information>
```

```
</service-set-cpu-utilization>
<service-set-policy-bytes-used>
  service-set-policy-bytes-used
</service-set-policy-bytes-used>
<service-set-percent-policy-bytes-used>
  service-set-percent-policy-bytes-used
</service-set-percent-policy-bytes-used>
</service-set-service-type-entry>
</service-set-summary-information-entry>
</service-set-summary-information>
```

Description Service set service type entry

<service-set-summary-information>

Usage

```
<service-set-summary-information>

<service-set-summary-information-entry>....</service-set-summary-information-entry>

</service-set-summary-information>
```

Description Service set summary information

<service-set-summary-information-entry>

Usage

```
<service-set-summary-information>
<service-set-summary-information-entry>
  <interface-name>
    interface-name
  </interface-name>
  <service-set-service-type-entry>....</service-set-service-type-entry>
</service-set-summary-information-entry>
</service-set-summary-information>
```

Description Service set summary information entry

<service-set-tcp-mss>

Usage

```
<service-set-tcp-mss>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <syn-received>
    syn-received
  </syn-received>
```

```

    <syn-modified>
      syn-modified
    </syn-modified>
  </service-set-tcp-mss>

```

Description TCP MSS statistics

<service-set-tcp-mss>

Usage

```

<service-set-tcp-mss-statistics>
  <service-set-tcp-mss>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <syn-received>
      syn-received
    </syn-received>
    <syn-modified>
      syn-modified
    </syn-modified>
  </service-set-tcp-mss>
</service-set-tcp-mss-statistics>

```

Description TCP MSS statistics

<service-set-tcp-mss-statistics>

Usage

```

<service-set-tcp-mss-statistics>
  <service-set-tcp-mss>....</service-set-tcp-mss>
</service-set-tcp-mss-statistics>

```

Description

<service-sfw-conversation-information>

Usage

```

<service-sfw-conversation-information>
  <sfw-per-service-set-conversation>....</sfw-per-service-set-conversation>
</service-sfw-conversation-information>

```

Description Show conversations

<service-sfw-flow-count>

Usage

```

<service-sfw-flow-count-information>

```

```
<service-sfw-flow-count>
  <interface-name>
    interface-name
  </interface-name>
  <service-set-name>
    service-set-name
  </service-set-name>
  <flow-count>
    flow-count
  </flow-count>
</service-sfw-flow-count>
</service-sfw-flow-count-information>
```

Description Stateful firewall flow count

<service-sfw-flow-count-information>

Usage

```
<service-sfw-flow-count-information>
  <service-sfw-flow-count>....</service-sfw-flow-count>
</service-sfw-flow-count-information>
```

Description Count of matching flow entries

<service-sfw-flow-drain>

Usage

```
<service-sfw-flow-drain-information>
  <service-sfw-flow-drain>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <conversations-removed>
      conversations-removed
    </conversations-removed>
  </service-sfw-flow-drain>
</service-sfw-flow-drain-information>
```

Description Stateful firewall flow removed

<service-sfw-flow-drain-information>

Usage

```
<service-sfw-flow-drain-information>
  <service-sfw-flow-drain>....</service-sfw-flow-drain>
</service-sfw-flow-drain-information>
```


Description Remove established flows from the flow table

<service-sfw-flow-table>

Usage

```
<sfw-per-service-set-flow-table>
  <service-sfw-flow-table>
    <sfw-flow-entry>....</sfw-flow-entry>
  </service-sfw-flow-table>
</sfw-per-service-set-flow-table>
```

Description Stateful firewall flows

<service-sfw-flow-table>

Usage

```
<service-sfw-flow-table-information>
  <sfw-per-service-set-flow-table>
    <service-sfw-flow-table>
      <sfw-flow-entry>....</sfw-flow-entry>
    </service-sfw-flow-table>
  </sfw-per-service-set-flow-table>
</service-sfw-flow-table-information>
```

Description Stateful firewall flows

<service-sfw-flow-table>

Usage

```
<sfw-per-service-set-conversation>
  <sfw-conversation>
    <service-sfw-flow-table>
      <sfw-flow-entry>....</sfw-flow-entry>
    </service-sfw-flow-table>
  </sfw-conversation>
</sfw-per-service-set-conversation>
```

Description Stateful firewall flows

<service-sfw-flow-table>

Usage

```
<service-sfw-conversation-information>
  <sfw-per-service-set-conversation>
    <sfw-conversation>
      <service-sfw-flow-table>
        <sfw-flow-entry>....</sfw-flow-entry>
      </service-sfw-flow-table>
    </sfw-conversation>
  </sfw-per-service-set-conversation>
```

```
</service-sfw-conversation-information>
```

Description Stateful firewall flows

<service-sfw-flow-table-information>

Usage

```
<service-sfw-flow-table-information>  
  <sfw-per-service-set-flow-table>....</sfw-per-service-set-flow-table>  
</service-sfw-flow-table-information>
```

Description Conversations sorted by service set

<service-sfw-sip-call-count>

Usage

```
<service-sfw-sip-call-count-information>  
  <service-sfw-sip-call-count>  
    <interface-name>  
      interface-name  
    </interface-name>  
    <service-set-name>  
      service-set-name  
    </service-set-name>  
    <sip-call-count>  
      sip-call-count  
    </sip-call-count>  
  </service-sfw-sip-call-count>  
</service-sfw-sip-call-count-information>
```

Description SIP call count

<service-sfw-sip-call-count-information>

Usage

```
<service-sfw-sip-call-count-information>  
  <service-sfw-sip-call-count>....</service-sfw-sip-call-count>  
</service-sfw-sip-call-count-information>
```

Description Display a count of the matching SIP calls

<service-sfw-sip-call-drain>

Usage

```
<service-sfw-sip-call-drain-information>  
  <service-sfw-sip-call-drain>  
    <interface-name>  
      interface-name  
    </interface-name>  
    <service-set-name>
```

```

        service-set-name
      </service-set-name>
    <sip-calls-removed>
      sip-calls-removed
    </sip-calls-removed>
  </service-sfw-sip-call-drain>
</service-sfw-sip-call-drain-information>

```

Description SIP calls removed

<service-sfw-sip-call-drain-information>

Usage

```

<service-sfw-sip-call-drain-information>
  <service-sfw-sip-call-drain>....</service-sfw-sip-call-drain>
</service-sfw-sip-call-drain-information>

```

Description Remove established SIP calls from the flow table

<service-sfw-sip-call-information>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>....</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>

```

Description SIP call information

<service-sfw-sip-registration-count>

Usage

```

<service-sfw-sip-registration-count-information>
  <service-sfw-sip-registration-count>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <sip-registration-count>
      sip-registration-count
    </sip-registration-count>
  </service-sfw-sip-registration-count>
</service-sfw-sip-registration-count-information>

```

Description SIP registration count

<service-sfw-sip-registration-count-information>

Usage

```
<service-sfw-sip-registration-count-information>
  <service-sfw-sip-registration-count>....</service-sfw-sip-registration-count>
</service-sfw-sip-registration-count-information>
```

Description Display a count of the matching SIP registrations

<service-sfw-sip-registration-drain>

Usage

```
<service-sfw-sip-registration-drain-information>
  <service-sfw-sip-registration-drain>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <sip-registration-removed>
      sip-registration-removed
    </sip-registration-removed>
  </service-sfw-sip-registration-drain>
</service-sfw-sip-registration-drain-information>
```

Description SIP registration removed

<service-sfw-sip-registration-drain-information>

Usage

```
<service-sfw-sip-registration-drain-information>
  <service-sfw-sip-registration-drain>....</service-sfw-sip-registration-drain>
</service-sfw-sip-registration-drain-information>
```

Description Remove established SIP registrations from the flow table

<service-sfw-sip-registration-information>

Usage

```
<service-sfw-sip-registration-information>
  <sfw-per-service-set-sip-registrations>....</sfw-per-service-set-sip-registrations>

</service-sfw-sip-registration-information>
```

Description SIP registration information

<service-sfw-statistics-entry>**Usage**

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <sfw-stats-service-set-entry>....</sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description Stateful firewall statistics entry

<service-sfw-statistics-information>**Usage**

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>....</service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

Description Stateful firewall statistics information

<service-softwire-6rd-statistics-entry>**Usage**

```

<service-softwire-6rd-statistics-entry>
  <srv-pic-name>
    srv-pic-name
  </srv-pic-name>
  <softwire-created>
    softwire-created
  </softwire-created>
  <softwire-deleted>
    softwire-deleted
  </softwire-deleted>
  <flows-created>
    flows-created
  </flows-created>
  <flows-deleted>
    flows-deleted
  </flows-deleted>
  <slow-path>
    slow-path
  </slow-path>
  <fast-path>
    fast-path
  </fast-path>
  <fast-path-encap>
    fast-path-encap
  </fast-path-encap>
  <rule-match-failed>

```

```
    rule-match-failed
  </rule-match-failed>
  <rule-match-succeeded>
    rule-match-succeeded
  </rule-match-succeeded>
  <flow-creation-failed-retry>
    flow-creation-failed-retry
  </flow-creation-failed-retry>
  <slow-path-failed-retry>
    slow-path-failed-retry
  </slow-path-failed-retry>
  <software-creation-failed>
    software-creation-failed
  </software-creation-failed>
  <flow-creation-failed>
    flow-creation-failed
  </flow-creation-failed>
  <slow-path-failed>
    slow-path-failed
  </slow-path-failed>
  <packet-not-ipv6-in-ipv4>
    packet-not-ipv6-in-ipv4
  </packet-not-ipv6-in-ipv4>
  <slow-path-ipv6-next-header-offset>
    slow-path-ipv6-next-header-offset
  </slow-path-ipv6-next-header-offset>
  <decap-packet-not-ipv6>
    decap-packet-not-ipv6
  </decap-packet-not-ipv6>
  <no-space-for-outer-header>
    no-space-for-outer-header
  </no-space-for-outer-header>
  <no-software-id>
    no-software-id
  </no-software-id>
  <no-flow-extension>
    no-flow-extension
  </no-flow-extension>
  <icmpv4-dropped-packets>
    icmpv4-dropped-packets
  </icmpv4-dropped-packets>
</service-software-6rd-statistics-entry>
```

Description 6rd Statistics

<service-software-6rd-statistics-entry>

Usage

```
<service-software-statistics-information>
  <service-software-6rd-statistics-entry>
    <srv-pic-name>
      srv-pic-name
    </srv-pic-name>
    <software-created>
```

```
    software-created
  </software-created>
  <software-deleted>
    software-deleted
  </software-deleted>
  <flows-created>
    flows-created
  </flows-created>
  <flows-deleted>
    flows-deleted
  </flows-deleted>
  <slow-path>
    slow-path
  </slow-path>
  <fast-path>
    fast-path
  </fast-path>
  <fast-path-encap>
    fast-path-encap
  </fast-path-encap>
  <rule-match-failed>
    rule-match-failed
  </rule-match-failed>
  <rule-match-succeeded>
    rule-match-succeeded
  </rule-match-succeeded>
  <flow-creation-failed-retry>
    flow-creation-failed-retry
  </flow-creation-failed-retry>
  <slow-path-failed-retry>
    slow-path-failed-retry
  </slow-path-failed-retry>
  <software-creation-failed>
    software-creation-failed
  </software-creation-failed>
  <flow-creation-failed>
    flow-creation-failed
  </flow-creation-failed>
  <slow-path-failed>
    slow-path-failed
  </slow-path-failed>
  <packet-not-ipv6-in-ipv4>
    packet-not-ipv6-in-ipv4
  </packet-not-ipv6-in-ipv4>
  <slow-path-ipv6-next-header-offset>
    slow-path-ipv6-next-header-offset
  </slow-path-ipv6-next-header-offset>
  <decap-packet-not-ipv6>
    decap-packet-not-ipv6
  </decap-packet-not-ipv6>
  <no-space-for-outer-header>
    no-space-for-outer-header
  </no-space-for-outer-header>
  <no-software-id>
    no-software-id
  </no-software-id>
```

```
<no-flow-extension>
  no-flow-extension
</no-flow-extension>
<icmpv4-dropped-packets>
  icmpv4-dropped-packets
</icmpv4-dropped-packets>
</service-softwire-6rd-statistics-entry>
</service-softwire-statistics-information>
```

Description 6rd Statistics

<service-softwire-6rd-statistics-entry>

Usage

```
<service-softwire-6rd-statistics-information>
  <service-softwire-6rd-statistics-entry>
    <srv-pic-name>
      srv-pic-name
    </srv-pic-name>
    <softwire-created>
      softwire-created
    </softwire-created>
    <softwire-deleted>
      softwire-deleted
    </softwire-deleted>
    <flows-created>
      flows-created
    </flows-created>
    <flows-deleted>
      flows-deleted
    </flows-deleted>
    <slow-path>
      slow-path
    </slow-path>
    <fast-path>
      fast-path
    </fast-path>
    <fast-path-encap>
      fast-path-encap
    </fast-path-encap>
    <rule-match-failed>
      rule-match-failed
    </rule-match-failed>
    <rule-match-succeeded>
      rule-match-succeeded
    </rule-match-succeeded>
    <flow-creation-failed-retry>
      flow-creation-failed-retry
    </flow-creation-failed-retry>
    <slow-path-failed-retry>
      slow-path-failed-retry
    </slow-path-failed-retry>
    <softwire-creation-failed>
      softwire-creation-failed
```



```

</software-creation-failed>
<flow-creation-failed>
  flow-creation-failed
</flow-creation-failed>
<slow-path-failed>
  slow-path-failed
</slow-path-failed>
<packet-not-ipv6-in-ipv4>
  packet-not-ipv6-in-ipv4
</packet-not-ipv6-in-ipv4>
<slow-path-ipv6-next-header-offset>
  slow-path-ipv6-next-header-offset
</slow-path-ipv6-next-header-offset>
<decap-packet-not-ipv6>
  decap-packet-not-ipv6
</decap-packet-not-ipv6>
<no-space-for-outer-header>
  no-space-for-outer-header
</no-space-for-outer-header>
<no-software-id>
  no-software-id
</no-software-id>
<no-flow-extension>
  no-flow-extension
</no-flow-extension>
<icmpv4-dropped-packets>
  icmpv4-dropped-packets
</icmpv4-dropped-packets>
</service-software-6rd-statistics-entry>
</service-software-6rd-statistics-information>

```

Description 6rd Statistics

<service-software-6rd-statistics-information>

Usage

```

<service-software-6rd-statistics-information>
  <flow-analysis-statistics-pic-info>....</flow-analysis-statistics-pic-info>
  <service-software-6rd-statistics-entry>....</service-software-6rd-statistics-entry>

</service-software-6rd-statistics-information>

```

Description Software 6rd statistics information

<service-software-count>

Usage

```

<service-software-count-information>
  <service-software-count>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>

```

```
        service-set-name
      </service-set-name>
    <software-count>
      software-count
    </software-count>
  </service-software-count>
</service-software-count-information>
```

Description Software count

<service-software-count-information>

Usage

```
<service-software-count-information>
  <service-software-count>....</service-software-count>
</service-software-count-information>
```

Description Count of matching software entries

<service-software-dslite-statistics-entry>

Usage

```
<service-software-dslite-statistics-entry>
  <srv-pic-name>
    srv-pic-name
  </srv-pic-name>
  <software-created>
    software-created
  </software-created>
  <software-deleted>
    software-deleted
  </software-deleted>
  <flows-created>
    flows-created
  </flows-created>
  <flows-deleted>
    flows-deleted
  </flows-deleted>
  <slow-path>
    slow-path
  </slow-path>
  <fast-path>
    fast-path
  </fast-path>
  <fast-path-encap>
    fast-path-encap
  </fast-path-encap>
  <rule-match-failed>
    rule-match-failed
  </rule-match-failed>
  <rule-match-succeeded>
    rule-match-succeeded
  </rule-match-succeeded>
```

```

<ipv6-packets-fragmented>
  ipv6-packets-fragmented
</ipv6-packets-fragmented>
<flow-creation-failed-retry>
  flow-creation-failed-retry
</flow-creation-failed-retry>
<slow-path-failed-retry>
  slow-path-failed-retry
</slow-path-failed-retry>
<software-creation-failed>
  software-creation-failed
</software-creation-failed>
<flow-creation-failed>
  flow-creation-failed
</flow-creation-failed>
<slow-path-failed>
  slow-path-failed
</slow-path-failed>
<packet-not-ipv4-in-ipv6>
  packet-not-ipv4-in-ipv6
</packet-not-ipv4-in-ipv6>
<ipv6-fragmentation-error>
  ipv6-fragmentation-error
</ipv6-fragmentation-error>
<slow-path-ipv6-next-header-offset>
  slow-path-ipv6-next-header-offset
</slow-path-ipv6-next-header-offset>
<decap-packet-not-ipv4>
  decap-packet-not-ipv4
</decap-packet-not-ipv4>
<fast-path-ipv6-next-header-offset>
  fast-path-ipv6-next-header-offset
</fast-path-ipv6-next-header-offset>
<no-software-id>
  no-software-id
</no-software-id>
<no-flow-extension>
  no-flow-extension
</no-flow-extension>
<flow-limit-exceeded>
  flow-limit-exceeded
</flow-limit-exceeded>
</service-software-dslite-statistics-entry>

```

Description DS-Lite Statistics

<service-software-dslite-statistics-entry>

Usage

```

<service-software-statistics-information>
  <service-software-dslite-statistics-entry>
    <srv-pic-name>
      srv-pic-name
    </srv-pic-name>
  
```

```
<software-created>
  software-created
</software-created>
<software-deleted>
  software-deleted
</software-deleted>
<flows-created>
  flows-created
</flows-created>
<flows-deleted>
  flows-deleted
</flows-deleted>
<slow-path>
  slow-path
</slow-path>
<fast-path>
  fast-path
</fast-path>
<fast-path-encap>
  fast-path-encap
</fast-path-encap>
<rule-match-failed>
  rule-match-failed
</rule-match-failed>
<rule-match-succeeded>
  rule-match-succeeded
</rule-match-succeeded>
<ipv6-packets-fragmented>
  ipv6-packets-fragmented
</ipv6-packets-fragmented>
<flow-creation-failed-retry>
  flow-creation-failed-retry
</flow-creation-failed-retry>
<slow-path-failed-retry>
  slow-path-failed-retry
</slow-path-failed-retry>
<software-creation-failed>
  software-creation-failed
</software-creation-failed>
<flow-creation-failed>
  flow-creation-failed
</flow-creation-failed>
<slow-path-failed>
  slow-path-failed
</slow-path-failed>
<packet-not-ipv4-in-ipv6>
  packet-not-ipv4-in-ipv6
</packet-not-ipv4-in-ipv6>
<ipv6-fragmentation-error>
  ipv6-fragmentation-error
</ipv6-fragmentation-error>
<slow-path-ipv6-next-header-offset>
  slow-path-ipv6-next-header-offset
</slow-path-ipv6-next-header-offset>
<decap-packet-not-ipv4>
  decap-packet-not-ipv4
```

```

</decap-packet-not-ipv4>
<fast-path-ipv6-next-header-offset>
  fast-path-ipv6-next-header-offset
</fast-path-ipv6-next-header-offset>
<no-software-id>
  no-software-id
</no-software-id>
<no-flow-extension>
  no-flow-extension
</no-flow-extension>
<flow-limit-exceeded>
  flow-limit-exceeded
</flow-limit-exceeded>
</service-software-dslite-statistics-entry>
</service-software-statistics-information>

```

Description DS-Lite Statistics

<service-software-dslite-statistics-entry>

Usage

```

<service-software-dslite-statistics-information>
  <service-software-dslite-statistics-entry>
    <srv-pic-name>
      srv-pic-name
    </srv-pic-name>
    <software-created>
      software-created
    </software-created>
    <software-deleted>
      software-deleted
    </software-deleted>
    <flows-created>
      flows-created
    </flows-created>
    <flows-deleted>
      flows-deleted
    </flows-deleted>
    <slow-path>
      slow-path
    </slow-path>
    <fast-path>
      fast-path
    </fast-path>
    <fast-path-encap>
      fast-path-encap
    </fast-path-encap>
    <rule-match-failed>
      rule-match-failed
    </rule-match-failed>
    <rule-match-succeeded>
      rule-match-succeeded
    </rule-match-succeeded>
    <ipv6-packets-fragmented>

```

```
    ipv6-packets-fragmented
  </ipv6-packets-fragmented>
  <flow-creation-failed-retry>
    flow-creation-failed-retry
  </flow-creation-failed-retry>
  <slow-path-failed-retry>
    slow-path-failed-retry
  </slow-path-failed-retry>
  <software-creation-failed>
    software-creation-failed
  </software-creation-failed>
  <flow-creation-failed>
    flow-creation-failed
  </flow-creation-failed>
  <slow-path-failed>
    slow-path-failed
  </slow-path-failed>
  <packet-not-ipv4-in-ipv6>
    packet-not-ipv4-in-ipv6
  </packet-not-ipv4-in-ipv6>
  <ipv6-fragmentation-error>
    ipv6-fragmentation-error
  </ipv6-fragmentation-error>
  <slow-path-ipv6-next-header-offset>
    slow-path-ipv6-next-header-offset
  </slow-path-ipv6-next-header-offset>
  <decap-packet-not-ipv4>
    decap-packet-not-ipv4
  </decap-packet-not-ipv4>
  <fast-path-ipv6-next-header-offset>
    fast-path-ipv6-next-header-offset
  </fast-path-ipv6-next-header-offset>
  <no-software-id>
    no-software-id
  </no-software-id>
  <no-flow-extension>
    no-flow-extension
  </no-flow-extension>
  <flow-limit-exceeded>
    flow-limit-exceeded
  </flow-limit-exceeded>
</service-software-dslite-statistics-entry>
</service-software-dslite-statistics-information>
```

Description DS-Lite Statistics

<service-software-dslite-statistics-information>

Usage

```
<service-software-dslite-statistics-information>
  <flow-analysis-statistics-pic-info>....</flow-analysis-statistics-pic-info>

<service-software-dslite-statistics-entry>....</service-software-dslite-statistics-entry>
```

</service-software-dslite-statistics-information>

Description Software dslite statistics information

<service-software-flow-table-information>

Usage

```
<service-software-flow-table-information>
  <software-per-service-set-flow-table>....</software-per-service-set-flow-table>
</service-software-flow-table-information>
```

Description Conversations sorted by service set

<service-software-statistics-information>

Usage

```
<service-software-statistics-information>
  <service-software-dslite-statistics-entry>....</service-software-dslite-statistics-entry>
  <service-software-6rd-statistics-entry>....</service-software-6rd-statistics-entry>
</service-software-statistics-information>
```

Description Software statistics information

<service-software-table>

Usage

```
<software-per-service-set-flow-table>
  <service-software-table>
    <software-entry>....</software-entry>
    <sfw-flow-entry>....</sfw-flow-entry>
  </service-software-table>
</software-per-service-set-flow-table>
```

Description Software flows

<service-software-table>

Usage

```
<service-software-table-information>
  <software-per-service-set-flow-table>
    <service-software-table>
      <software-entry>....</software-entry>
      <sfw-flow-entry>....</sfw-flow-entry>
    </service-software-table>
  </software-per-service-set-flow-table>
</service-software-table-information>
```

Description Software flows

<service-softwire-table>

Usage

```
<service-softwire-flow-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <softwire-entry>....</softwire-entry>
      <sfw-flow-entry>....</sfw-flow-entry>
    </service-softwire-table>
  </softwire-per-service-set-flow-table>
</service-softwire-flow-table-information>
```

Description Software flows

<service-softwire-table-information>

Usage

```
<service-softwire-table-information>
  <softwire-per-service-set-flow-table>....</softwire-per-service-set-flow-table>
</service-softwire-table-information>
```

Description Conversations sorted by service set

<services-l2tp-multilink-information>

Usage

```
<services-l2tp-multilink-information>
  <l2tp-multilink-entry>....</l2tp-multilink-entry>
</services-l2tp-multilink-information>
```

Description L2TP multilink information

<services-l2tp-radius-accounting-servers-information>

Usage

```
<services-l2tp-radius-accounting-servers-information>

  <radius-accounting-server-information-entry>....</radius-accounting-server-information-entry>

</services-l2tp-radius-accounting-servers-information>
```

Description RADIUS accounting servers information table

<services-l2tp-radius-accounting-statistics-information>

Usage

```
<services-l2tp-radius-accounting-statistics-information>
```



```
<radius-accounting-statistic-information-entry>....</radius-accounting-statistic-information-entry>

</services-l2tp-radius-accounting-statistics-information>
```

Description RADIUS accounting statistics information table

<services-l2tp-radius-authentication-accounting-servers-information>

Usage

```
<services-l2tp-radius-authentication-accounting-servers-information>

<radius-authentication-server-information-entry>....</radius-authentication-server-information-entry>

<radius-accounting-server-information-entry>....</radius-accounting-server-information-entry>

</services-l2tp-radius-authentication-accounting-servers-information>
```

Description RADIUS authentication and accounting servers information

<services-l2tp-radius-authentication-accounting-statistics-information>

Usage

```
<services-l2tp-radius-authentication-accounting-statistics-information>

<radius-authentication-statistic-information-entry>....</radius-authentication-statistic-information-entry>

<radius-accounting-statistic-information-entry>....</radius-accounting-statistic-information-entry>

</services-l2tp-radius-authentication-accounting-statistics-information>
```

Description RADIUS authentication and accounting statistics information

<services-l2tp-radius-authentication-servers-information>

Usage

```
<services-l2tp-radius-authentication-servers-information>

<radius-authentication-server-information-entry>....</radius-authentication-server-information-entry>

</services-l2tp-radius-authentication-servers-information>
```

Description RADIUS authentication servers information

<services-l2tp-radius-authentication-statistics-information>

Usage

```
<services-l2tp-radius-authentication-statistics-information>
```

```
<radius-authentication-statistic-information-entry>...</radius-authentication-statistic-information-entry>

</services-l2tp-radius-authentication-statistics-information>
```

Description RADIUS authentication statistics information

<services-l2tp-radius-servers-information-table-header>

Usage

```
<services-l2tp-radius-servers-information-table-header>
  <radius-server-information-table-header>
    radius-server-information-table-header
  </radius-server-information-table-header>
  <radius-server-profile-name>
    radius-server-profile-name
  </radius-server-profile-name>
</services-l2tp-radius-servers-information-table-header>
```

Description RADIUS authentication servers information

<services-pgcp-dropped-traffic-entry>

Usage

```
<services-pgcp-dropped-traffic-entry>
  <drop-packets-flow-drop-state>
    drop-packets-flow-drop-state
  </drop-packets-flow-drop-state>
  <drop-bytes-flow-drop-state>
    drop-bytes-flow-drop-state
  </drop-bytes-flow-drop-state>
  <drop-packets-flow-rate-limit>
    drop-packets-flow-rate-limit
  </drop-packets-flow-rate-limit>
  <drop-bytes-flow-rate-limit>
    drop-bytes-flow-rate-limit
  </drop-bytes-flow-rate-limit>
  <drop-packets-algs>
    drop-packets-algs
  </drop-packets-algs>
  <drop-bytes-algs>
    drop-bytes-algs
  </drop-bytes-algs>
  <drop-packets-other>
    drop-packets-other
  </drop-packets-other>
  <drop-bytes-other>
    drop-bytes-other
  </drop-bytes-other>
</services-pgcp-dropped-traffic-entry>
```

Description

<services-pgcp-dropped-traffic-entry>

Usage

```

<service-pgcp-statistics-gateway>
  <services-pgcp-dropped-traffic-entry>
    <drop-packets-flow-drop-state>
      drop-packets-flow-drop-state
    </drop-packets-flow-drop-state>
    <drop-bytes-flow-drop-state>
      drop-bytes-flow-drop-state
    </drop-bytes-flow-drop-state>
    <drop-packets-flow-rate-limit>
      drop-packets-flow-rate-limit
    </drop-packets-flow-rate-limit>
    <drop-bytes-flow-rate-limit>
      drop-bytes-flow-rate-limit
    </drop-bytes-flow-rate-limit>
    <drop-packets-algs>
      drop-packets-algs
    </drop-packets-algs>
    <drop-bytes-algs>
      drop-bytes-algs
    </drop-bytes-algs>
    <drop-packets-other>
      drop-packets-other
    </drop-packets-other>
    <drop-bytes-other>
      drop-bytes-other
    </drop-bytes-other>
  </services-pgcp-dropped-traffic-entry>
</service-pgcp-statistics-gateway>

```

Description

<services-pgcpd-root-termination>

Usage

```

<services-pgcpd-root-termination>
  <root-termination-information>
    root-termination-information
  </root-termination-information>
</services-pgcpd-root-termination>

```

Description

<sfw-conversation>

Usage

```

<sfw-per-service-set-conversation>
  <sfw-conversation>
    <sfw-flow-table-conv-alg>
      sfw-flow-table-conv-alg
    </sfw-flow-table-conv-alg>
  </sfw-conversation>
</sfw-per-service-set-conversation>

```

```
<sfw-flow-table-conv-initiator>
  sfw-flow-table-conv-initiator
</sfw-flow-table-conv-initiator>
<sfw-flow-table-conv-responder>
  sfw-flow-table-conv-responder
</sfw-flow-table-conv-responder>
<service-sfw-flow-table>....</service-sfw-flow-table>
</sfw-conversation>
</sfw-per-service-set-conversation>
```

Description Stateful firewall conversations

<sfw-conversation>

Usage

```
<service-sfw-conversation-information>
<sfw-per-service-set-conversation>
  <sfw-conversation>
    <sfw-flow-table-conv-alg>
      sfw-flow-table-conv-alg
    </sfw-flow-table-conv-alg>
    <sfw-flow-table-conv-initiator>
      sfw-flow-table-conv-initiator
    </sfw-flow-table-conv-initiator>
    <sfw-flow-table-conv-responder>
      sfw-flow-table-conv-responder
    </sfw-flow-table-conv-responder>
    <service-sfw-flow-table>....</service-sfw-flow-table>
  </sfw-conversation>
</sfw-per-service-set-conversation>
</service-sfw-conversation-information>
```

Description Stateful firewall conversations

<sfw-flow-entry>

Usage

```
<sfw-flow-entry>
  <sfw-flow-protocol>
    sfw-flow-protocol
  </sfw-flow-protocol>
  <sfw-flow-source-ip>
    sfw-flow-source-ip
  </sfw-flow-source-ip>
  <sfw-flow-source-port>
    sfw-flow-source-port
  </sfw-flow-source-port>
  <sfw-flow-destination-ip>
    sfw-flow-destination-ip
  </sfw-flow-destination-ip>
  <sfw-flow-destination-port>
    sfw-flow-destination-port
  </sfw-flow-destination-port>
```

```

<sfw-flow-state>
  sfw-flow-state
</sfw-flow-state>
<sfw-flow-direction>
  sfw-flow-direction
</sfw-flow-direction>
<sfw-flow-frame-counter>
  sfw-flow-frame-counter
</sfw-flow-frame-counter>
<sfw-flow-gate-id>
  sfw-flow-gate-id
</sfw-flow-gate-id>
<sfw-flow-nat>....</sfw-flow-nat>
<sfw-flow-table-byte-count>
  sfw-flow-table-byte-count
</sfw-flow-table-byte-count>
<sfw-flow-table-tcp-window-size>
  sfw-flow-table-tcp-window-size
</sfw-flow-table-tcp-window-size>
<sfw-flow-table-tcp-acknowledge>
  sfw-flow-table-tcp-acknowledge
</sfw-flow-table-tcp-acknowledge>
<sfw-flow-table-tcp-tickle>
  sfw-flow-table-tcp-tickle
</sfw-flow-table-tcp-tickle>
<sfw-flow-table-role>
  sfw-flow-table-role
</sfw-flow-table-role>
<sfw-flow-table-timeout>
  sfw-flow-table-timeout
</sfw-flow-table-timeout>
<sfw-flow-table-protocol-detail>
  sfw-flow-table-protocol-detail
</sfw-flow-table-protocol-detail>
</sfw-flow-entry>

```

Description Flow brief information

<sfw-flow-entry>

Usage

```

<sfw-per-service-set-flow-table>
  <service-sfw-flow-table>
    <sfw-flow-entry>
      <sfw-flow-protocol>
        sfw-flow-protocol
      </sfw-flow-protocol>
      <sfw-flow-source-ip>
        sfw-flow-source-ip
      </sfw-flow-source-ip>
      <sfw-flow-source-port>
        sfw-flow-source-port
      </sfw-flow-source-port>
      <sfw-flow-destination-ip>

```

```
    sfw-flow-destination-ip
  </sfw-flow-destination-ip>
  <sfw-flow-destination-port>
    sfw-flow-destination-port
  </sfw-flow-destination-port>
  <sfw-flow-state>
    sfw-flow-state
  </sfw-flow-state>
  <sfw-flow-direction>
    sfw-flow-direction
  </sfw-flow-direction>
  <sfw-flow-frame-counter>
    sfw-flow-frame-counter
  </sfw-flow-frame-counter>
  <sfw-flow-gate-id>
    sfw-flow-gate-id
  </sfw-flow-gate-id>
  <sfw-flow-nat>....</sfw-flow-nat>
  <sfw-flow-table-byte-count>
    sfw-flow-table-byte-count
  </sfw-flow-table-byte-count>
  <sfw-flow-table-tcp-window-size>
    sfw-flow-table-tcp-window-size
  </sfw-flow-table-tcp-window-size>
  <sfw-flow-table-tcp-acknowledge>
    sfw-flow-table-tcp-acknowledge
  </sfw-flow-table-tcp-acknowledge>
  <sfw-flow-table-tcp-tickle>
    sfw-flow-table-tcp-tickle
  </sfw-flow-table-tcp-tickle>
  <sfw-flow-table-role>
    sfw-flow-table-role
  </sfw-flow-table-role>
  <sfw-flow-table-timeout>
    sfw-flow-table-timeout
  </sfw-flow-table-timeout>
  <sfw-flow-table-protocol-detail>
    sfw-flow-table-protocol-detail
  </sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-per-service-set-flow-table>
```

Description Flow brief information

<sfw-flow-entry>

Usage

```
<service-sfw-flow-table-information>
  <sfw-per-service-set-flow-table>
    <service-sfw-flow-table>
      <sfw-flow-entry>
        <sfw-flow-protocol>
          sfw-flow-protocol
```

```

</sfw-flow-protocol>
<sfw-flow-source-ip>
  sfw-flow-source-ip
</sfw-flow-source-ip>
<sfw-flow-source-port>
  sfw-flow-source-port
</sfw-flow-source-port>
<sfw-flow-destination-ip>
  sfw-flow-destination-ip
</sfw-flow-destination-ip>
<sfw-flow-destination-port>
  sfw-flow-destination-port
</sfw-flow-destination-port>
<sfw-flow-state>
  sfw-flow-state
</sfw-flow-state>
<sfw-flow-direction>
  sfw-flow-direction
</sfw-flow-direction>
<sfw-flow-frame-counter>
  sfw-flow-frame-counter
</sfw-flow-frame-counter>
<sfw-flow-gate-id>
  sfw-flow-gate-id
</sfw-flow-gate-id>
<sfw-flow-nat>....</sfw-flow-nat>
<sfw-flow-table-byte-count>
  sfw-flow-table-byte-count
</sfw-flow-table-byte-count>
<sfw-flow-table-tcp-window-size>
  sfw-flow-table-tcp-window-size
</sfw-flow-table-tcp-window-size>
<sfw-flow-table-tcp-acknowledge>
  sfw-flow-table-tcp-acknowledge
</sfw-flow-table-tcp-acknowledge>
<sfw-flow-table-tcp-tickle>
  sfw-flow-table-tcp-tickle
</sfw-flow-table-tcp-tickle>
<sfw-flow-table-role>
  sfw-flow-table-role
</sfw-flow-table-role>
<sfw-flow-table-timeout>
  sfw-flow-table-timeout
</sfw-flow-table-timeout>
<sfw-flow-table-protocol-detail>
  sfw-flow-table-protocol-detail
</sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-per-service-set-flow-table>
</service-sfw-flow-table-information>

```

Description Flow brief information

<sfw-flow-entry>

Usage

```
<sfw-per-service-set-conversation>
  <sfw-conversation>
    <service-sfw-flow-table>
      <sfw-flow-entry>
        <sfw-flow-protocol>
          sfw-flow-protocol
        </sfw-flow-protocol>
        <sfw-flow-source-ip>
          sfw-flow-source-ip
        </sfw-flow-source-ip>
        <sfw-flow-source-port>
          sfw-flow-source-port
        </sfw-flow-source-port>
        <sfw-flow-destination-ip>
          sfw-flow-destination-ip
        </sfw-flow-destination-ip>
        <sfw-flow-destination-port>
          sfw-flow-destination-port
        </sfw-flow-destination-port>
        <sfw-flow-state>
          sfw-flow-state
        </sfw-flow-state>
        <sfw-flow-direction>
          sfw-flow-direction
        </sfw-flow-direction>
        <sfw-flow-frame-counter>
          sfw-flow-frame-counter
        </sfw-flow-frame-counter>
        <sfw-flow-gate-id>
          sfw-flow-gate-id
        </sfw-flow-gate-id>
        <sfw-flow-nat>....</sfw-flow-nat>
        <sfw-flow-table-byte-count>
          sfw-flow-table-byte-count
        </sfw-flow-table-byte-count>
        <sfw-flow-table-tcp-window-size>
          sfw-flow-table-tcp-window-size
        </sfw-flow-table-tcp-window-size>
        <sfw-flow-table-tcp-acknowledge>
          sfw-flow-table-tcp-acknowledge
        </sfw-flow-table-tcp-acknowledge>
        <sfw-flow-table-tcp-tickle>
          sfw-flow-table-tcp-tickle
        </sfw-flow-table-tcp-tickle>
        <sfw-flow-table-role>
          sfw-flow-table-role
        </sfw-flow-table-role>
        <sfw-flow-table-timeout>
          sfw-flow-table-timeout
        </sfw-flow-table-timeout>
        <sfw-flow-table-protocol-detail>
          sfw-flow-table-protocol-detail
```



```

        </sfw-flow-table-protocol-detail>
      </sfw-flow-entry>
    </service-sfw-flow-table>
  </sfw-conversation>
</sfw-per-service-set-conversation>

```

Description Flow brief information

<sfw-flow-entry>

Usage

```

<service-sfw-conversation-information>
  <sfw-per-service-set-conversation>
    <sfw-conversation>
      <service-sfw-flow-table>
        <sfw-flow-entry>
          <sfw-flow-protocol>
            sfw-flow-protocol
          </sfw-flow-protocol>
          <sfw-flow-source-ip>
            sfw-flow-source-ip
          </sfw-flow-source-ip>
          <sfw-flow-source-port>
            sfw-flow-source-port
          </sfw-flow-source-port>
          <sfw-flow-destination-ip>
            sfw-flow-destination-ip
          </sfw-flow-destination-ip>
          <sfw-flow-destination-port>
            sfw-flow-destination-port
          </sfw-flow-destination-port>
          <sfw-flow-state>
            sfw-flow-state
          </sfw-flow-state>
          <sfw-flow-direction>
            sfw-flow-direction
          </sfw-flow-direction>
          <sfw-flow-frame-counter>
            sfw-flow-frame-counter
          </sfw-flow-frame-counter>
          <sfw-flow-gate-id>
            sfw-flow-gate-id
          </sfw-flow-gate-id>
          <sfw-flow-nat>....</sfw-flow-nat>
          <sfw-flow-table-byte-count>
            sfw-flow-table-byte-count
          </sfw-flow-table-byte-count>
          <sfw-flow-table-tcp-window-size>
            sfw-flow-table-tcp-window-size
          </sfw-flow-table-tcp-window-size>
          <sfw-flow-table-tcp-acknowledge>
            sfw-flow-table-tcp-acknowledge
          </sfw-flow-table-tcp-acknowledge>
          <sfw-flow-table-tcp-tickle>

```

```
    sfw-flow-table-tcp-tickle
  </sfw-flow-table-tcp-tickle>
  <sfw-flow-table-role>
    sfw-flow-table-role
  </sfw-flow-table-role>
  <sfw-flow-table-timeout>
    sfw-flow-table-timeout
  </sfw-flow-table-timeout>
  <sfw-flow-table-protocol-detail>
    sfw-flow-table-protocol-detail
  </sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-conversation>
</sfw-per-service-set-conversation>
</service-sfw-conversation-information>
```

Description Flow brief information

<sfw-flow-entry>

Usage

```
<software-per-service-set-flow-table>
  <service-software-table>
    <sfw-flow-entry>
      <sfw-flow-protocol>
        sfw-flow-protocol
      </sfw-flow-protocol>
      <sfw-flow-source-ip>
        sfw-flow-source-ip
      </sfw-flow-source-ip>
      <sfw-flow-source-port>
        sfw-flow-source-port
      </sfw-flow-source-port>
      <sfw-flow-destination-ip>
        sfw-flow-destination-ip
      </sfw-flow-destination-ip>
      <sfw-flow-destination-port>
        sfw-flow-destination-port
      </sfw-flow-destination-port>
      <sfw-flow-state>
        sfw-flow-state
      </sfw-flow-state>
      <sfw-flow-direction>
        sfw-flow-direction
      </sfw-flow-direction>
      <sfw-flow-frame-counter>
        sfw-flow-frame-counter
      </sfw-flow-frame-counter>
      <sfw-flow-gate-id>
        sfw-flow-gate-id
      </sfw-flow-gate-id>
      <sfw-flow-nat>....</sfw-flow-nat>
    <sfw-flow-table-byte-count>
```

```

    sfw-flow-table-byte-count
  </sfw-flow-table-byte-count>
  <sfw-flow-table-tcp-window-size>
    sfw-flow-table-tcp-window-size
  </sfw-flow-table-tcp-window-size>
  <sfw-flow-table-tcp-acknowledge>
    sfw-flow-table-tcp-acknowledge
  </sfw-flow-table-tcp-acknowledge>
  <sfw-flow-table-tcp-tickle>
    sfw-flow-table-tcp-tickle
  </sfw-flow-table-tcp-tickle>
  <sfw-flow-table-role>
    sfw-flow-table-role
  </sfw-flow-table-role>
  <sfw-flow-table-timeout>
    sfw-flow-table-timeout
  </sfw-flow-table-timeout>
  <sfw-flow-table-protocol-detail>
    sfw-flow-table-protocol-detail
  </sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-softwire-table>
</softwire-per-service-set-flow-table>

```

Description Flow brief information

<sfw-flow-entry>

Usage

```

<service-softwire-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <sfw-flow-entry>
        <sfw-flow-protocol>
          sfw-flow-protocol
        </sfw-flow-protocol>
        <sfw-flow-source-ip>
          sfw-flow-source-ip
        </sfw-flow-source-ip>
        <sfw-flow-source-port>
          sfw-flow-source-port
        </sfw-flow-source-port>
        <sfw-flow-destination-ip>
          sfw-flow-destination-ip
        </sfw-flow-destination-ip>
        <sfw-flow-destination-port>
          sfw-flow-destination-port
        </sfw-flow-destination-port>
        <sfw-flow-state>
          sfw-flow-state
        </sfw-flow-state>
        <sfw-flow-direction>
          sfw-flow-direction
        </sfw-flow-direction>
      </sfw-flow-entry>
    </service-softwire-table>
  </softwire-per-service-set-flow-table>
</service-softwire-table-information>

```

```
<sfw-flow-frame-counter>
  sfw-flow-frame-counter
</sfw-flow-frame-counter>
<sfw-flow-gate-id>
  sfw-flow-gate-id
</sfw-flow-gate-id>
<sfw-flow-nat>....</sfw-flow-nat>
<sfw-flow-table-byte-count>
  sfw-flow-table-byte-count
</sfw-flow-table-byte-count>
<sfw-flow-table-tcp-window-size>
  sfw-flow-table-tcp-window-size
</sfw-flow-table-tcp-window-size>
<sfw-flow-table-tcp-acknowledge>
  sfw-flow-table-tcp-acknowledge
</sfw-flow-table-tcp-acknowledge>
<sfw-flow-table-tcp-tickle>
  sfw-flow-table-tcp-tickle
</sfw-flow-table-tcp-tickle>
<sfw-flow-table-role>
  sfw-flow-table-role
</sfw-flow-table-role>
<sfw-flow-table-timeout>
  sfw-flow-table-timeout
</sfw-flow-table-timeout>
<sfw-flow-table-protocol-detail>
  sfw-flow-table-protocol-detail
</sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-softwire-table>
</softwire-per-service-set-flow-table>
</service-softwire-table-information>
```

Description Flow brief information

<sfw-flow-entry>

Usage

```
<service-softwire-flow-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <sfw-flow-entry>
        <sfw-flow-protocol>
          sfw-flow-protocol
        </sfw-flow-protocol>
        <sfw-flow-source-ip>
          sfw-flow-source-ip
        </sfw-flow-source-ip>
        <sfw-flow-source-port>
          sfw-flow-source-port
        </sfw-flow-source-port>
        <sfw-flow-destination-ip>
          sfw-flow-destination-ip
        </sfw-flow-destination-ip>
```

```

<sfw-flow-destination-port>
  sfw-flow-destination-port
</sfw-flow-destination-port>
<sfw-flow-state>
  sfw-flow-state
</sfw-flow-state>
<sfw-flow-direction>
  sfw-flow-direction
</sfw-flow-direction>
<sfw-flow-frame-counter>
  sfw-flow-frame-counter
</sfw-flow-frame-counter>
<sfw-flow-gate-id>
  sfw-flow-gate-id
</sfw-flow-gate-id>
<sfw-flow-nat>....</sfw-flow-nat>
<sfw-flow-table-byte-count>
  sfw-flow-table-byte-count
</sfw-flow-table-byte-count>
<sfw-flow-table-tcp-window-size>
  sfw-flow-table-tcp-window-size
</sfw-flow-table-tcp-window-size>
<sfw-flow-table-tcp-acknowledge>
  sfw-flow-table-tcp-acknowledge
</sfw-flow-table-tcp-acknowledge>
<sfw-flow-table-tcp-tickle>
  sfw-flow-table-tcp-tickle
</sfw-flow-table-tcp-tickle>
<sfw-flow-table-role>
  sfw-flow-table-role
</sfw-flow-table-role>
<sfw-flow-table-timeout>
  sfw-flow-table-timeout
</sfw-flow-table-timeout>
<sfw-flow-table-protocol-detail>
  sfw-flow-table-protocol-detail
</sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</service-softwire-table>
</softwire-per-service-set-flow-table>
</service-softwire-flow-table-information>

```

Description Flow brief information

<sfw-flow-entry>

Usage

```

<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <sfw-flow-entry>
      <sfw-flow-protocol>
        sfw-flow-protocol
      </sfw-flow-protocol>
      <sfw-flow-source-ip>

```

```
    sfw-flow-source-ip
  </sfw-flow-source-ip>
  <sfw-flow-source-port>
    sfw-flow-source-port
  </sfw-flow-source-port>
  <sfw-flow-destination-ip>
    sfw-flow-destination-ip
  </sfw-flow-destination-ip>
  <sfw-flow-destination-port>
    sfw-flow-destination-port
  </sfw-flow-destination-port>
  <sfw-flow-state>
    sfw-flow-state
  </sfw-flow-state>
  <sfw-flow-direction>
    sfw-flow-direction
  </sfw-flow-direction>
  <sfw-flow-frame-counter>
    sfw-flow-frame-counter
  </sfw-flow-frame-counter>
  <sfw-flow-gate-id>
    sfw-flow-gate-id
  </sfw-flow-gate-id>
  <sfw-flow-nat>....</sfw-flow-nat>
  <sfw-flow-table-byte-count>
    sfw-flow-table-byte-count
  </sfw-flow-table-byte-count>
  <sfw-flow-table-tcp-window-size>
    sfw-flow-table-tcp-window-size
  </sfw-flow-table-tcp-window-size>
  <sfw-flow-table-tcp-acknowledge>
    sfw-flow-table-tcp-acknowledge
  </sfw-flow-table-tcp-acknowledge>
  <sfw-flow-table-tcp-tickle>
    sfw-flow-table-tcp-tickle
  </sfw-flow-table-tcp-tickle>
  <sfw-flow-table-role>
    sfw-flow-table-role
  </sfw-flow-table-role>
  <sfw-flow-table-timeout>
    sfw-flow-table-timeout
  </sfw-flow-table-timeout>
  <sfw-flow-table-protocol-detail>
    sfw-flow-table-protocol-detail
  </sfw-flow-table-protocol-detail>
</sfw-flow-entry>
</msp-per-service-set-sess-table>
</service-msp-sess-table-information>
```

Description Flow brief information

<sfw-flow-nat>

Usage

```

<sfw-flow-nat>
  <sfw-flow-nat-ip>
    sfw-flow-nat-ip
  </sfw-flow-nat-ip>
  <sfw-flow-nat-port>
    sfw-flow-nat-port
  </sfw-flow-nat-port>
  <sfw-flow-translated-ip>
    sfw-flow-translated-ip
  </sfw-flow-translated-ip>
  <sfw-flow-translated-port>
    sfw-flow-translated-port
  </sfw-flow-translated-port>
</sfw-flow-nat>

```

Description NAT translation

<sfw-flow-nat>

Usage

```

<sfw-flow-entry>
  <sfw-flow-nat>
    <sfw-flow-nat-ip>
      sfw-flow-nat-ip
    </sfw-flow-nat-ip>
    <sfw-flow-nat-port>
      sfw-flow-nat-port
    </sfw-flow-nat-port>
    <sfw-flow-translated-ip>
      sfw-flow-translated-ip
    </sfw-flow-translated-ip>
    <sfw-flow-translated-port>
      sfw-flow-translated-port
    </sfw-flow-translated-port>
  </sfw-flow-nat>
</sfw-flow-entry>

```

Description NAT translation

<sfw-flow-nat>

Usage

```

<sfw-per-service-set-flow-table>
  <service-sfw-flow-table>
    <sfw-flow-entry>
      <sfw-flow-nat>
        <sfw-flow-nat-ip>
          sfw-flow-nat-ip
        </sfw-flow-nat-ip>

```

```
<sfw-flow-nat-port>
  sfw-flow-nat-port
</sfw-flow-nat-port>
<sfw-flow-translated-ip>
  sfw-flow-translated-ip
</sfw-flow-translated-ip>
<sfw-flow-translated-port>
  sfw-flow-translated-port
</sfw-flow-translated-port>
</sfw-flow-nat>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-per-service-set-flow-table>
```

Description NAT translation

<sfw-flow-nat>

Usage

```
<service-sfw-flow-table-information>
<sfw-per-service-set-flow-table>
<service-sfw-flow-table>
<sfw-flow-entry>
  <sfw-flow-nat>
    <sfw-flow-nat-ip>
      sfw-flow-nat-ip
    </sfw-flow-nat-ip>
    <sfw-flow-nat-port>
      sfw-flow-nat-port
    </sfw-flow-nat-port>
    <sfw-flow-translated-ip>
      sfw-flow-translated-ip
    </sfw-flow-translated-ip>
    <sfw-flow-translated-port>
      sfw-flow-translated-port
    </sfw-flow-translated-port>
  </sfw-flow-nat>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-per-service-set-flow-table>
</service-sfw-flow-table-information>
```

Description NAT translation

<sfw-flow-nat>

Usage

```
<sfw-per-service-set-conversation>
<sfw-conversation>
<service-sfw-flow-table>
<sfw-flow-entry>
  <sfw-flow-nat>
    <sfw-flow-nat-ip>
```



```

    sfw-flow-nat-ip
  </sfw-flow-nat-ip>
  <sfw-flow-nat-port>
    sfw-flow-nat-port
  </sfw-flow-nat-port>
  <sfw-flow-translated-ip>
    sfw-flow-translated-ip
  </sfw-flow-translated-ip>
  <sfw-flow-translated-port>
    sfw-flow-translated-port
  </sfw-flow-translated-port>
</sfw-flow-nat>
</sfw-flow-entry>
</service-sfw-flow-table>
</sfw-conversation>
</sfw-per-service-set-conversation>

```

Description NAT translation

<sfw-flow-nat>

Usage

```

<service-sfw-conversation-information>
  <sfw-per-service-set-conversation>
    <sfw-conversation>
      <service-sfw-flow-table>
        <sfw-flow-entry>
          <sfw-flow-nat>
            <sfw-flow-nat-ip>
              sfw-flow-nat-ip
            </sfw-flow-nat-ip>
            <sfw-flow-nat-port>
              sfw-flow-nat-port
            </sfw-flow-nat-port>
            <sfw-flow-translated-ip>
              sfw-flow-translated-ip
            </sfw-flow-translated-ip>
            <sfw-flow-translated-port>
              sfw-flow-translated-port
            </sfw-flow-translated-port>
          </sfw-flow-nat>
        </sfw-flow-entry>
      </service-sfw-flow-table>
    </sfw-conversation>
  </sfw-per-service-set-conversation>
</service-sfw-conversation-information>

```

Description NAT translation

<sfw-flow-nat>

Usage

```

<software-per-service-set-flow-table>

```

```
<service-softwire-table>
  <sfw-flow-entry>
    <sfw-flow-nat>
      <sfw-flow-nat-ip>
        sfw-flow-nat-ip
      </sfw-flow-nat-ip>
      <sfw-flow-nat-port>
        sfw-flow-nat-port
      </sfw-flow-nat-port>
      <sfw-flow-translated-ip>
        sfw-flow-translated-ip
      </sfw-flow-translated-ip>
      <sfw-flow-translated-port>
        sfw-flow-translated-port
      </sfw-flow-translated-port>
    </sfw-flow-nat>
  </sfw-flow-entry>
</service-softwire-table>
</softwire-per-service-set-flow-table>
```

Description NAT translation

<sfw-flow-nat>

Usage

```
<service-softwire-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <sfw-flow-entry>
        <sfw-flow-nat>
          <sfw-flow-nat-ip>
            sfw-flow-nat-ip
          </sfw-flow-nat-ip>
          <sfw-flow-nat-port>
            sfw-flow-nat-port
          </sfw-flow-nat-port>
          <sfw-flow-translated-ip>
            sfw-flow-translated-ip
          </sfw-flow-translated-ip>
          <sfw-flow-translated-port>
            sfw-flow-translated-port
          </sfw-flow-translated-port>
        </sfw-flow-nat>
      </sfw-flow-entry>
    </service-softwire-table>
  </softwire-per-service-set-flow-table>
</service-softwire-table-information>
```

Description NAT translation

<sfw-flow-nat>**Usage**

```

<service-softwire-flow-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <sfw-flow-entry>
        <sfw-flow-nat>
          <sfw-flow-nat-ip>
            sfw-flow-nat-ip
          </sfw-flow-nat-ip>
          <sfw-flow-nat-port>
            sfw-flow-nat-port
          </sfw-flow-nat-port>
          <sfw-flow-translated-ip>
            sfw-flow-translated-ip
          </sfw-flow-translated-ip>
          <sfw-flow-translated-port>
            sfw-flow-translated-port
          </sfw-flow-translated-port>
        </sfw-flow-nat>
      </sfw-flow-entry>
    </service-softwire-table>
  </softwire-per-service-set-flow-table>
</service-softwire-flow-table-information>

```

Description NAT translation

<sfw-flow-nat>**Usage**

```

<nat-plugin-sess-entry>
  <sfw-flow-nat>
    <sfw-flow-nat-ip>
      sfw-flow-nat-ip
    </sfw-flow-nat-ip>
    <sfw-flow-nat-port>
      sfw-flow-nat-port
    </sfw-flow-nat-port>
    <sfw-flow-translated-ip>
      sfw-flow-translated-ip
    </sfw-flow-translated-ip>
    <sfw-flow-translated-port>
      sfw-flow-translated-port
    </sfw-flow-translated-port>
  </sfw-flow-nat>
</nat-plugin-sess-entry>

```

Description NAT translation

<sfw-flow-nat>

Usage

```
<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <sfw-flow-entry>
      <sfw-flow-nat>
        <sfw-flow-nat-ip>
          sfw-flow-nat-ip
        </sfw-flow-nat-ip>
        <sfw-flow-nat-port>
          sfw-flow-nat-port
        </sfw-flow-nat-port>
        <sfw-flow-translated-ip>
          sfw-flow-translated-ip
        </sfw-flow-translated-ip>
        <sfw-flow-translated-port>
          sfw-flow-translated-port
        </sfw-flow-translated-port>
      </sfw-flow-nat>
    </sfw-flow-entry>
  </msp-per-service-set-sess-table>
</service-msp-sess-table-information>
```

Description NAT translation

<sfw-flow-nat>

Usage

```
<service-msp-sess-table-information>
  <msp-per-service-set-sess-table>
    <nat-plugin-sess-entry>
      <sfw-flow-nat>
        <sfw-flow-nat-ip>
          sfw-flow-nat-ip
        </sfw-flow-nat-ip>
        <sfw-flow-nat-port>
          sfw-flow-nat-port
        </sfw-flow-nat-port>
        <sfw-flow-translated-ip>
          sfw-flow-translated-ip
        </sfw-flow-translated-ip>
        <sfw-flow-translated-port>
          sfw-flow-translated-port
        </sfw-flow-translated-port>
      </sfw-flow-nat>
    </nat-plugin-sess-entry>
  </msp-per-service-set-sess-table>
</service-msp-sess-table-information>
```

Description NAT translation

<sfw-per-service-set-conversation>**Usage**

```

<sfw-per-service-set-conversation>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <sfw-conversation>....</sfw-conversation>
</sfw-per-service-set-conversation>

```

Description Show conversations

<sfw-per-service-set-conversation>**Usage**

```

<service-sfw-conversation-information>
  <sfw-per-service-set-conversation>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <sfw-conversation>....</sfw-conversation>
  </sfw-per-service-set-conversation>
</service-sfw-conversation-information>

```

Description Show conversations

<sfw-per-service-set-flow-table>**Usage**

```

<sfw-per-service-set-flow-table>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <service-sfw-flow-table>....</service-sfw-flow-table>
</sfw-per-service-set-flow-table>

```

Description Flows sorted by service set

<sfw-per-service-set-flow-table>**Usage**

```

<service-sfw-flow-table-information>

```

```
<sfw-per-service-set-flow-table>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <service-sfw-flow-table>....</service-sfw-flow-table>
</sfw-per-service-set-flow-table>
</service-sfw-flow-table-information>
```

Description Flows sorted by service set

<sfw-per-service-set-nat-mapping>

Usage

```
<service-nat-mapping-information>
  <sfw-per-service-set-nat-mapping>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <service-nat-pool-map>....</service-nat-pool-map>
  </sfw-per-service-set-nat-mapping>
</service-nat-mapping-information>
```

Description NAT mapping information for one service set

<sfw-per-service-set-nat-pool>

Usage

```
<service-nat-pool-information>
  <sfw-per-service-set-nat-pool>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <service-nat-pool>....</service-nat-pool>
  </sfw-per-service-set-nat-pool>
</service-nat-pool-information>
```

Description NAT pool information for one service set

<sfw-per-service-set-sip-calls>

Usage

```
<sfw-per-service-set-sip-calls>
```

```

<interface-name>
  interface-name
</interface-name>
<service-set-name>
  service-set-name
</service-set-name>
<sfw-sip-calls>....</sfw-sip-calls>
</sfw-per-service-set-sip-calls>

```

Description Stateful firewall SIP calls sorted by service set

<sfw-per-service-set-sip-calls>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <sfw-sip-calls>....</sfw-sip-calls>
  </sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>

```

Description Stateful firewall SIP calls sorted by service set

<sfw-per-service-set-sip-registrations>

Usage

```

<sfw-per-service-set-sip-registrations>
  <interface-name>
    interface-name
  </interface-name>
  <service-set-name>
    service-set-name
  </service-set-name>
  <sfw-sip-registers>....</sfw-sip-registers>
</sfw-per-service-set-sip-registrations>

```

Description Stateful firewall SIP registrations sorted by service set

<sfw-per-service-set-sip-registrations>

Usage

```

<service-sfw-sip-registration-information>
  <sfw-per-service-set-sip-registrations>
    <interface-name>
      interface-name
    </interface-name>

```

```
<service-set-name>
  service-set-name
</service-set-name>
<sfw-sip-registers>....</sfw-sip-registers>
</sfw-per-service-set-sip-registrations>
</service-sfw-sip-registration-information>
```

Description Stateful firewall SIP registrations sorted by service set

<sfw-sip-call-entry>

Usage

```
<sfw-sip-call-entry>
  <sfw-sip-from>
    sfw-sip-from
  </sfw-sip-from>
  <sfw-sip-to>
    sfw-sip-to
  </sfw-sip-to>
  <sfw-sip-callid>
    sfw-sip-callid
  </sfw-sip-callid>
  <sfw-sip-number-control-iflows>
    sfw-sip-number-control-iflows
  </sfw-sip-number-control-iflows>
  <sfw-sip-number-control-rflows>
    sfw-sip-number-control-rflows
  </sfw-sip-number-control-rflows>
  <sfw-sip-control-iflow-table>....</sfw-sip-control-iflow-table>
  <sfw-sip-control-rflow-table>....</sfw-sip-control-rflow-table>
  <sfw-sip-number-contact-iflows>
    sfw-sip-number-contact-iflows
  </sfw-sip-number-contact-iflows>
  <sfw-sip-number-contact-rflows>
    sfw-sip-number-contact-rflows
  </sfw-sip-number-contact-rflows>
  <sfw-sip-contact-iflow-table>....</sfw-sip-contact-iflow-table>
  <sfw-sip-contact-rflow-table>....</sfw-sip-contact-rflow-table>
  <sfw-sip-number-media-iflows>
    sfw-sip-number-media-iflows
  </sfw-sip-number-media-iflows>
  <sfw-sip-number-media-rflows>
    sfw-sip-number-media-rflows
  </sfw-sip-number-media-rflows>
  <sfw-sip-media-iflow-table>....</sfw-sip-media-iflow-table>
  <sfw-sip-media-rflow-table>....</sfw-sip-media-rflow-table>
</sfw-sip-call-entry>
```

Description Session Initiation Protocol call

<sfw-sip-call-entry>

Usage

```

<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-from>
        sfw-sip-from
      </sfw-sip-from>
      <sfw-sip-to>
        sfw-sip-to
      </sfw-sip-to>
      <sfw-sip-callid>
        sfw-sip-callid
      </sfw-sip-callid>
      <sfw-sip-number-control-iflows>
        sfw-sip-number-control-iflows
      </sfw-sip-number-control-iflows>
      <sfw-sip-number-control-rflows>
        sfw-sip-number-control-rflows
      </sfw-sip-number-control-rflows>
      <sfw-sip-control-iflow-table>....</sfw-sip-control-iflow-table>
      <sfw-sip-control-rflow-table>....</sfw-sip-control-rflow-table>
      <sfw-sip-number-contact-iflows>
        sfw-sip-number-contact-iflows
      </sfw-sip-number-contact-iflows>
      <sfw-sip-number-contact-rflows>
        sfw-sip-number-contact-rflows
      </sfw-sip-number-contact-rflows>
      <sfw-sip-contact-iflow-table>....</sfw-sip-contact-iflow-table>
      <sfw-sip-contact-rflow-table>....</sfw-sip-contact-rflow-table>
      <sfw-sip-number-media-iflows>
        sfw-sip-number-media-iflows
      </sfw-sip-number-media-iflows>
      <sfw-sip-number-media-rflows>
        sfw-sip-number-media-rflows
      </sfw-sip-number-media-rflows>
      <sfw-sip-media-iflow-table>....</sfw-sip-media-iflow-table>
      <sfw-sip-media-rflow-table>....</sfw-sip-media-rflow-table>
    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>

```

Description Session Initiation Protocol call

<sfw-sip-call-entry>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>
        <sfw-sip-from>
          sfw-sip-from

```

```
</sfw-sip-from>
<sfw-sip-to>
  sfw-sip-to
</sfw-sip-to>
<sfw-sip-callid>
  sfw-sip-callid
</sfw-sip-callid>
<sfw-sip-number-control-iflows>
  sfw-sip-number-control-iflows
</sfw-sip-number-control-iflows>
<sfw-sip-number-control-rflows>
  sfw-sip-number-control-rflows
</sfw-sip-number-control-rflows>
<sfw-sip-control-iflow-table>....</sfw-sip-control-iflow-table>
<sfw-sip-control-rflow-table>....</sfw-sip-control-rflow-table>
<sfw-sip-number-contact-iflows>
  sfw-sip-number-contact-iflows
</sfw-sip-number-contact-iflows>
<sfw-sip-number-contact-rflows>
  sfw-sip-number-contact-rflows
</sfw-sip-number-contact-rflows>
<sfw-sip-contact-iflow-table>....</sfw-sip-contact-iflow-table>
<sfw-sip-contact-rflow-table>....</sfw-sip-contact-rflow-table>
<sfw-sip-number-media-iflows>
  sfw-sip-number-media-iflows
</sfw-sip-number-media-iflows>
<sfw-sip-number-media-rflows>
  sfw-sip-number-media-rflows
</sfw-sip-number-media-rflows>
<sfw-sip-media-iflow-table>....</sfw-sip-media-iflow-table>
<sfw-sip-media-rflow-table>....</sfw-sip-media-rflow-table>
</sfw-sip-call-entry>
</sfw-sip-calls>
</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>
```

Description Session Initiation Protocol call

<sfw-sip-calls>

Usage

```
<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>....</sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>
```

Description

<sfw-sip-calls>

Usage

```
<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
```

```

<sfw-sip-calls>
  <sfw-sip-call-entry>....</sfw-sip-call-entry>
</sfw-sip-calls>
</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>

```

Description

<sfw-sip-contact-iflow-table>

Usage

```

<sfw-sip-call-entry>
  <sfw-sip-contact-iflow-table>
</sfw-sip-contact-iflow-table>
</sfw-sip-call-entry>

```

Description

<sfw-sip-contact-iflow-table>

Usage

```

<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-contact-iflow-table>
</sfw-sip-contact-iflow-table>
    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>

```

Description

<sfw-sip-contact-iflow-table>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>
        <sfw-sip-contact-iflow-table>
</sfw-sip-contact-iflow-table>
      </sfw-sip-call-entry>
    </sfw-sip-calls>
  </sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>

```

Description

<sfw-sip-contact-rflow-table>

Usage

```

<sfw-sip-call-entry>
  <sfw-sip-contact-rflow-table>

```

```
</sfw-sip-contact-rflow-table>
</sfw-sip-call-entry>
```

Description

<sfw-sip-contact-rflow-table>

Usage

```
<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-contact-rflow-table>
    </sfw-sip-contact-rflow-table>
  </sfw-sip-call-entry>
</sfw-sip-calls>
</sfw-per-service-set-sip-calls>
```

Description

<sfw-sip-contact-rflow-table>

Usage

```
<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>
        <sfw-sip-contact-rflow-table>
      </sfw-sip-contact-rflow-table>
    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>
```

Description

<sfw-sip-control-iflow-table>

Usage

```
<sfw-sip-call-entry>
  <sfw-sip-control-iflow-table>
</sfw-sip-control-iflow-table>
</sfw-sip-call-entry>
```

Description

<sfw-sip-control-iflow-table>

Usage

```
<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-control-iflow-table>
    </sfw-sip-control-iflow-table>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>
```

```

    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>

```

Description

<sfw-sip-control-iflow-table>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>
        <sfw-sip-control-iflow-table>
      </sfw-sip-control-iflow-table>
    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>

```

Description

<sfw-sip-control-rflow-table>

Usage

```

    <sfw-sip-call-entry>
      <sfw-sip-control-rflow-table>
    </sfw-sip-control-rflow-table>
  </sfw-sip-call-entry>

```

Description

<sfw-sip-control-rflow-table>

Usage

```

<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-control-rflow-table>
    </sfw-sip-control-rflow-table>
  </sfw-sip-call-entry>
</sfw-sip-calls>
</sfw-per-service-set-sip-calls>

```

Description

<sfw-sip-control-rflow-table>

Usage

```

<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>

```

```
<sfw-sip-control-rflow-table>
</sfw-sip-control-rflow-table>
</sfw-sip-call-entry>
</sfw-sip-calls>
</sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>
```

Description

<sfw-sip-media-iflow-table>

Usage

```
<sfw-sip-call-entry>
  <sfw-sip-media-iflow-table>
</sfw-sip-media-iflow-table>
</sfw-sip-call-entry>
```

Description

<sfw-sip-media-iflow-table>

Usage

```
<sfw-per-service-set-sip-calls>
  <sfw-sip-calls>
    <sfw-sip-call-entry>
      <sfw-sip-media-iflow-table>
</sfw-sip-media-iflow-table>
    </sfw-sip-call-entry>
  </sfw-sip-calls>
</sfw-per-service-set-sip-calls>
```

Description

<sfw-sip-media-iflow-table>

Usage

```
<service-sfw-sip-call-information>
  <sfw-per-service-set-sip-calls>
    <sfw-sip-calls>
      <sfw-sip-call-entry>
        <sfw-sip-media-iflow-table>
</sfw-sip-media-iflow-table>
      </sfw-sip-call-entry>
    </sfw-sip-calls>
  </sfw-per-service-set-sip-calls>
</service-sfw-sip-call-information>
```

Description

<sfw-sip-media-rflow-table>

Usage

```
<sfw-sip-call-entry>
```

```

    <sfw-sip-media-rflow-table>
  </sfw-sip-media-rflow-table>
</sfw-sip-call-entry>

```

Description

<sfw-sip-media-rflow-table>

Usage

```

    <sfw-per-service-set-sip-calls>
      <sfw-sip-calls>
        <sfw-sip-call-entry>
          <sfw-sip-media-rflow-table>
        </sfw-sip-media-rflow-table>
      </sfw-sip-call-entry>
    </sfw-sip-calls>
  </sfw-per-service-set-sip-calls>

```

Description

<sfw-sip-media-rflow-table>

Usage

```

    <service-sfw-sip-call-information>
      <sfw-per-service-set-sip-calls>
        <sfw-sip-calls>
          <sfw-sip-call-entry>
            <sfw-sip-media-rflow-table>
          </sfw-sip-media-rflow-table>
        </sfw-sip-call-entry>
      </sfw-sip-calls>
    </sfw-per-service-set-sip-calls>
  </service-sfw-sip-call-information>

```

Description

<sfw-sip-register-entry>

Usage

```

<sfw-sip-register-entry>
  <sfw-sip-register-protocol>
    sfw-sip-register-protocol
  </sfw-sip-register-protocol>
  <sfw-sip-register-address>
    sfw-sip-register-address
  </sfw-sip-register-address>
  <sfw-sip-register-port>
    sfw-sip-register-port
  </sfw-sip-register-port>
  <sfw-sip-register-acked>
    sfw-sip-register-acked
  </sfw-sip-register-acked>
  <sfw-sip-register-expiration>
    sfw-sip-register-expiration

```

```
</sfw-sip-register-expiration>
<sfw-sip-register-remaining>
  sfw-sip-register-remaining
</sfw-sip-register-remaining>
<sfw-sip-from>
  sfw-sip-from
</sfw-sip-from>
<sfw-sip-to>
  sfw-sip-to
</sfw-sip-to>
<sfw-sip-callid>
  sfw-sip-callid
</sfw-sip-callid>
</sfw-sip-register-entry>
```

Description Display a SIP register

<sfw-sip-register-entry>

Usage

```
<sfw-per-service-set-sip-registrations>
  <sfw-sip-registers>
    <sfw-sip-register-entry>
      <sfw-sip-register-protocol>
        sfw-sip-register-protocol
      </sfw-sip-register-protocol>
      <sfw-sip-register-address>
        sfw-sip-register-address
      </sfw-sip-register-address>
      <sfw-sip-register-port>
        sfw-sip-register-port
      </sfw-sip-register-port>
      <sfw-sip-register-acked>
        sfw-sip-register-acked
      </sfw-sip-register-acked>
      <sfw-sip-register-expiration>
        sfw-sip-register-expiration
      </sfw-sip-register-expiration>
      <sfw-sip-register-remaining>
        sfw-sip-register-remaining
      </sfw-sip-register-remaining>
      <sfw-sip-from>
        sfw-sip-from
      </sfw-sip-from>
      <sfw-sip-to>
        sfw-sip-to
      </sfw-sip-to>
      <sfw-sip-callid>
        sfw-sip-callid
      </sfw-sip-callid>
    </sfw-sip-register-entry>
  </sfw-sip-registers>
</sfw-per-service-set-sip-registrations>
```


Description Display a SIP register

<sfw-sip-register-entry>

Usage

```
<service-sfw-sip-registration-information>
  <sfw-per-service-set-sip-registrations>
    <sfw-sip-registers>
      <sfw-sip-register-entry>
        <sfw-sip-register-protocol>
          sfw-sip-register-protocol
        </sfw-sip-register-protocol>
        <sfw-sip-register-address>
          sfw-sip-register-address
        </sfw-sip-register-address>
        <sfw-sip-register-port>
          sfw-sip-register-port
        </sfw-sip-register-port>
        <sfw-sip-register-acked>
          sfw-sip-register-acked
        </sfw-sip-register-acked>
        <sfw-sip-register-expiration>
          sfw-sip-register-expiration
        </sfw-sip-register-expiration>
        <sfw-sip-register-remaining>
          sfw-sip-register-remaining
        </sfw-sip-register-remaining>
        <sfw-sip-from>
          sfw-sip-from
        </sfw-sip-from>
        <sfw-sip-to>
          sfw-sip-to
        </sfw-sip-to>
        <sfw-sip-callid>
          sfw-sip-callid
        </sfw-sip-callid>
      </sfw-sip-register-entry>
    </sfw-sip-registers>
  </sfw-per-service-set-sip-registrations>
</service-sfw-sip-registration-information>
```

Description Display a SIP register

<sfw-sip-registers>

Usage

```
<sfw-per-service-set-sip-registrations>
  <sfw-sip-registers>
    <sfw-sip-register-entry>....</sfw-sip-register-entry>
  </sfw-sip-registers>
</sfw-per-service-set-sip-registrations>
```

Description**<sfw-sip-registers>****Usage**

```
<service-sfw-sip-registration-information>
  <sfw-per-service-set-sip-registrations>
    <sfw-sip-registers>
      <sfw-sip-register-entry>....</sfw-sip-register-entry>
    </sfw-sip-registers>
  </sfw-per-service-set-sip-registrations>
</service-sfw-sip-registration-information>
```

Description**<sfw-stats-service-set-entry>****Usage**

```
<sfw-stats-service-set-entry>
  <service-set-name>
    service-set-name
  </service-set-name>
  <total-flow-accepts>
    total-flow-accepts
  </total-flow-accepts>
  <total-flow-discards>
    total-flow-discards
  </total-flow-discards>
  <total-flow-rejects>
    total-flow-rejects
  </total-flow-rejects>
  <total-drops>
    total-drops
  </total-drops>
  <new-flow-counters>....</new-flow-counters>
  <existing-flow-counters>....</existing-flow-counters>
  <drop_counters>....</drop_counters>
  <error-counters>....</error-counters>
  <ip-error-counters>....</ip-error-counters>
  <tcp-error-counters>....</tcp-error-counters>
  <udp-error-counters>....</udp-error-counters>
  <icmp-error-counters>....</icmp-error-counters>
  <alg-error-counters>....</alg-error-counters>
  <alg-name>
    alg-name
  </alg-name>
  <sip-active-call-count>
    sip-active-call-count
  </sip-active-call-count>
  <sip-active-reg-count>
    sip-active-reg-count
  </sip-active-reg-count>
  <sip-alg-counters>....</sip-alg-counters>
</sfw-stats-service-set-entry>
```

Description Stateful firewall service set statistics entry

<sfw-stats-service-set-entry>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <service-set-name>
        service-set-name
      </service-set-name>
      <total-flow-accepts>
        total-flow-accepts
      </total-flow-accepts>
      <total-flow-discards>
        total-flow-discards
      </total-flow-discards>
      <total-flow-rejects>
        total-flow-rejects
      </total-flow-rejects>
      <total-drops>
        total-drops
      </total-drops>
      <new-flow-counters>....</new-flow-counters>
      <existing-flow-counters>....</existing-flow-counters>
      <drop_counters>....</drop_counters>
      <error-counters>....</error-counters>
      <ip-error-counters>....</ip-error-counters>
      <tcp-error-counters>....</tcp-error-counters>
      <udp-error-counters>....</udp-error-counters>
      <icmp-error-counters>....</icmp-error-counters>
      <alg-error-counters>....</alg-error-counters>
      <alg-name>
        alg-name
      </alg-name>
      <sip-active-call-count>
        sip-active-call-count
      </sip-active-call-count>
      <sip-active-reg-count>
        sip-active-reg-count
      </sip-active-reg-count>
      <sip-alg-counters>....</sip-alg-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Stateful firewall service set statistics entry

<sip-alg-counters>

Usage

```
<sfw-stats-service-set-entry>
  <sip-alg-counters>
    <total-counters>....</total-counters>
```

```
<parser-counters>....</parser-counters>
<message-counters>....</message-counters>
</sip-alg-counters>
</sfw-stats-service-set-entry>
```

Description SIP statistics

<sip-alg-counters>

Usage

```
<service-sfw-statistics-information>
<service-sfw-statistics-entry>
  <sfw-stats-service-set-entry>
    <sip-alg-counters>
      <total-counters>....</total-counters>
      <parser-counters>....</parser-counters>
      <message-counters>....</message-counters>
    </sip-alg-counters>
  </sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description SIP statistics

<software-entry>

Usage

```
<software-entry>
  <software-source-ip>
    software-source-ip
  </software-source-ip>
  <software-destination-ip>
    software-destination-ip
  </software-destination-ip>
  <software-direction>
    software-direction
  </software-direction>
  <software-flow-count>
    software-flow-count
  </software-flow-count>
  <software-table-timeout>
    software-table-timeout
  </software-table-timeout>
</software-entry>
```

Description Flow brief information

<software-entry>

Usage

```
<software-per-service-set-flow-table>
```

```

<service-softwire-table>
  <softwire-entry>
    <softwire-source-ip>
      softwire-source-ip
    </softwire-source-ip>
    <softwire-destination-ip>
      softwire-destination-ip
    </softwire-destination-ip>
    <softwire-direction>
      softwire-direction
    </softwire-direction>
    <softwire-flow-count>
      softwire-flow-count
    </softwire-flow-count>
    <softwire-table-timeout>
      softwire-table-timeout
    </softwire-table-timeout>
  </softwire-entry>
</service-softwire-table>
</softwire-per-service-set-flow-table>

```

Description Flow brief information

<softwire-entry>

Usage

```

<service-softwire-table-information>
  <softwire-per-service-set-flow-table>
    <service-softwire-table>
      <softwire-entry>
        <softwire-source-ip>
          softwire-source-ip
        </softwire-source-ip>
        <softwire-destination-ip>
          softwire-destination-ip
        </softwire-destination-ip>
        <softwire-direction>
          softwire-direction
        </softwire-direction>
        <softwire-flow-count>
          softwire-flow-count
        </softwire-flow-count>
        <softwire-table-timeout>
          softwire-table-timeout
        </softwire-table-timeout>
      </softwire-entry>
    </service-softwire-table>
  </softwire-per-service-set-flow-table>
</service-softwire-table-information>

```

Description Flow brief information

<software-entry>

Usage

```
<service-software-flow-table-information>
  <software-per-service-set-flow-table>
    <service-software-table>
      <software-entry>
        <software-source-ip>
          software-source-ip
        </software-source-ip>
        <software-destination-ip>
          software-destination-ip
        </software-destination-ip>
        <software-direction>
          software-direction
        </software-direction>
        <software-flow-count>
          software-flow-count
        </software-flow-count>
        <software-table-timeout>
          software-table-timeout
        </software-table-timeout>
      </software-entry>
    </service-software-table>
  </software-per-service-set-flow-table>
</service-software-flow-table-information>
```

Description Flow brief information

<software-per-service-set-flow-table>

Usage

```
<software-per-service-set-flow-table>
  <service-set-name>
    service-set-name
  </service-set-name>
  <interface-name>
    interface-name
  </interface-name>
  <service-software-table>....</service-software-table>
</software-per-service-set-flow-table>
```

Description Flows sorted by service set

<software-per-service-set-flow-table>

Usage

```
<service-software-table-information>
  <software-per-service-set-flow-table>
    <service-set-name>
      service-set-name
    </service-set-name>
```

```

    <interface-name>
      interface-name
    </interface-name>
    <service-software-table>....</service-software-table>
  </software-per-service-set-flow-table>
</service-software-table-information>

```

Description Flows sorted by service set

<software-per-service-set-flow-table>

Usage

```

<service-software-flow-table-information>
  <software-per-service-set-flow-table>
    <service-set-name>
      service-set-name
    </service-set-name>
    <interface-name>
      interface-name
    </interface-name>
    <service-software-table>....</service-software-table>
  </software-per-service-set-flow-table>
</service-software-flow-table-information>

```

Description Flows sorted by service set

<syslog-stats-class>

Usage

```

<syslog-stats-class>
  <syslog-stats-class-name>
    syslog-stats-class-name
  </syslog-stats-class-name>
  <syslog-stats-class-sent>
    syslog-stats-class-sent
  </syslog-stats-class-sent>
  <syslog-stats-class-dropped>
    syslog-stats-class-dropped
  </syslog-stats-class-dropped>
  <syslog-stats-class-dropped-low-priority>
    syslog-stats-class-dropped-low-priority
  </syslog-stats-class-dropped-low-priority>
  <syslog-stats-class-dropped-no-class-set>
    syslog-stats-class-dropped-no-class-set
  </syslog-stats-class-dropped-no-class-set>
  <syslog-stats-class-dropped-above-rate-limit>
    syslog-stats-class-dropped-above-rate-limit
  </syslog-stats-class-dropped-above-rate-limit>
</syslog-stats-class>

```

Description

<syslog-stats-global>

Usage

```
<syslog-stats-global>
  <syslog-stats-global-rate-limit>
    syslog-stats-global-rate-limit
  </syslog-stats-global-rate-limit>
  <syslog-stats-global-sent>
    syslog-stats-global-sent
  </syslog-stats-global-sent>
  <syslog-stats-global-dropped>
    syslog-stats-global-dropped
  </syslog-stats-global-dropped>
</syslog-stats-global>
```

Description

<syslog-stats-interface>

Usage

```
<syslog-stats-interface>
  <syslog-stats-interface-name>
    syslog-stats-interface-name
  </syslog-stats-interface-name>
</syslog-stats-interface>
```

Description

<syslog-stats-service-set>

Usage

```
<syslog-stats-service-set>
  <syslog-stats-svc-set-name>
    syslog-stats-svc-set-name
  </syslog-stats-svc-set-name>
  <syslog-stats-svc-set-sent>
    syslog-stats-svc-set-sent
  </syslog-stats-svc-set-sent>
  <syslog-stats-svc-set-dropped>
    syslog-stats-svc-set-dropped
  </syslog-stats-svc-set-dropped>
</syslog-stats-service-set>
```

Description

<tcp-error-counters>

Usage

```
<sfw-stats-service-set-entry>
  <tcp-error-counters>
    <tcp-header-length-error>
      tcp-header-length-error
    </tcp-header-length-error>
```



```

<tcp-zero-port>
  tcp-zero-port
</tcp-zero-port>
<illegal-sequence-number-flags>
  illegal-sequence-number-flags
</illegal-sequence-number-flags>
<syn-attack>
  syn-attack
</syn-attack>
<non-syn-first-packet>
  non-syn-first-packet
</non-syn-first-packet>
<tcp-port-scan>
  tcp-port-scan
</tcp-port-scan>
<bad-syn-cookie-response>
  bad-syn-cookie-response
</bad-syn-cookie-response>
<tcp-recon-sequence-number-error>
  tcp-recon-sequence-number-error
</tcp-recon-sequence-number-error>
<tcp-recon-retransmits>
  tcp-recon-retransmits
</tcp-recon-retransmits>
</tcp-error-counters>
</sfw-stats-service-set-entry>

```

Description Extensive output of TCP processing errors

<tcp-error-counters>

Usage

```

<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <tcp-error-counters>
        <tcp-header-length-error>
          tcp-header-length-error
        </tcp-header-length-error>
        <tcp-zero-port>
          tcp-zero-port
        </tcp-zero-port>
        <illegal-sequence-number-flags>
          illegal-sequence-number-flags
        </illegal-sequence-number-flags>
        <syn-attack>
          syn-attack
        </syn-attack>
        <non-syn-first-packet>
          non-syn-first-packet
        </non-syn-first-packet>
        <tcp-port-scan>
          tcp-port-scan
        </tcp-port-scan>
      </tcp-error-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>

```

```
<bad-syn-cookie-response>
  bad-syn-cookie-response
</bad-syn-cookie-response>
<tcp-recon-sequence-number-error>
  tcp-recon-sequence-number-error
</tcp-recon-sequence-number-error>
<tcp-recon-retransmits>
  tcp-recon-retransmits
</tcp-recon-retransmits>
</tcp-error-counters>
</sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Extensive output of TCP processing errors

<total-counters>

Usage

```
<sfw-stats-service-set-entry>
<sip-alg-counters>
  <total-counters>
    <total-messages>
      total-messages
    </total-messages>
    <call-segments>
      call-segments
    </call-segments>
  </total-counters>
</sip-alg-counters>
</sfw-stats-service-set-entry>
```

Description Total statistics

<total-counters>

Usage

```
<service-sfw-statistics-information>
<service-sfw-statistics-entry>
  <sfw-stats-service-set-entry>
    <sip-alg-counters>
      <total-counters>
        <total-messages>
          total-messages
        </total-messages>
        <call-segments>
          call-segments
        </call-segments>
      </total-counters>
    </sip-alg-counters>
  </sfw-stats-service-set-entry>
</service-sfw-statistics-entry>
```

```
</service-sfw-statistics-information>
```

Description Total statistics

<udp-error-counters>

Usage

```
<sfw-stats-service-set-entry>
  <udp-error-counters>
    <udp-header-length-error>
      udp-header-length-error
    </udp-header-length-error>
    <udp-zero-port>
      udp-zero-port
    </udp-zero-port>
    <udp-port-scan>
      udp-port-scan
    </udp-port-scan>
  </udp-error-counters>
</sfw-stats-service-set-entry>
```

Description Extensive output of UDP processing errors

<udp-error-counters>

Usage

```
<service-sfw-statistics-information>
  <service-sfw-statistics-entry>
    <sfw-stats-service-set-entry>
      <udp-error-counters>
        <udp-header-length-error>
          udp-header-length-error
        </udp-header-length-error>
        <udp-zero-port>
          udp-zero-port
        </udp-zero-port>
        <udp-port-scan>
          udp-port-scan
        </udp-port-scan>
      </udp-error-counters>
    </sfw-stats-service-set-entry>
  </service-sfw-statistics-entry>
</service-sfw-statistics-information>
```

Description Extensive output of UDP processing errors

<uri-redirect-set-statistics>

Usage

```
<uri-redirect-set-statistics>
  <uri-redirect-set-name>
```

```
    uri-redirect-set-name
  </uri-redirect-set-name>
  <cause-roaming>
    cause-roaming
  </cause-roaming>
  <cause-time-of-day>
    cause-time-of-day
  </cause-time-of-day>
  <cause-quality-of-service>
    cause-quality-of-service
  </cause-quality-of-service>
  <cause-volume-expired>
    cause-volume-expired
  </cause-volume-expired>
  <cause-cost-warning>
    cause-cost-warning
  </cause-cost-warning>
  <cause-not-allowed>
    cause-not-allowed
  </cause-not-allowed>
  <cause-unsubscribed>
    cause-unsubscribed
  </cause-unsubscribed>
  <cause-credit-expiry>
    cause-credit-expiry
  </cause-credit-expiry>
  <cause-unknown>
    cause-unknown
  </cause-unknown>
  <cause-default>
    cause-default
  </cause-default>
</uri-redirect-set-statistics>
```

Description Statistics for the URI redirect sets

<uri-redirect-set-statistics>

Usage

```
<uri-redirect-set-statistics-information>
  <uri-redirect-set-statistics>
    <uri-redirect-set-name>
      uri-redirect-set-name
    </uri-redirect-set-name>
    <cause-roaming>
      cause-roaming
    </cause-roaming>
    <cause-time-of-day>
      cause-time-of-day
    </cause-time-of-day>
    <cause-quality-of-service>
      cause-quality-of-service
    </cause-quality-of-service>
    <cause-volume-expired>
```

```

    cause-volume-expired
  </cause-volume-expired>
  <cause-cost-warning>
    cause-cost-warning
  </cause-cost-warning>
  <cause-not-allowed>
    cause-not-allowed
  </cause-not-allowed>
  <cause-unsubscribed>
    cause-unsubscribed
  </cause-unsubscribed>
  <cause-credit-expiry>
    cause-credit-expiry
  </cause-credit-expiry>
  <cause-unknown>
    cause-unknown
  </cause-unknown>
  <cause-default>
    cause-default
  </cause-default>
</uri-redirect-set-statistics>
</uri-redirect-set-statistics-information>

```

Description Statistics for the URI redirect sets

<uri-redirect-set-statistics-information>

Usage

```

<uri-redirect-set-statistics-information>
  <interface-name>
    interface-name
  </interface-name>
  <interfaces>
    interfaces
  </interfaces>
  <uri-redirect-set-statistics>....</uri-redirect-set-statistics>
</uri-redirect-set-statistics-information>

```

Description

<usage-counters-entry>

Usage

```

<usage-counters-entry>
  <contexts-number>
    contexts-number
  </contexts-number>
  <emergency-contexts-number>
    emergency-contexts-number
  </emergency-contexts-number>
</usage-counters-entry>

```

Description**<usage-counters-entry>****Usage**

```
<service-pgcp-statistics-gateway>
  <usage-counters-entry>
    <contexts-number>
      contexts-number
    </contexts-number>
    <emergency-contexts-number>
      emergency-contexts-number
    </emergency-contexts-number>
  </usage-counters-entry>
</service-pgcp-statistics-gateway>
```

Description**<virtual-interface-entry>****Usage**

```
<pgcpd-active-configuration>
  <virtual-interface-entry>
    <virtual-interface-name>
      virtual-interface-name
    </virtual-interface-name>
    <routing-instance>
      routing-instance
    </routing-instance>
    <interface-name>
      interface-name
    </interface-name>
    <vif-service-state>
      vif-service-state
    </vif-service-state>
    <media-service-ref-entry>....</media-service-ref-entry>
  </virtual-interface-entry>
</pgcpd-active-configuration>
```

Description**<virtual-interface-entry>****Usage**

```
<pgcpd-active-configuration>
  <pgcpd-config>
    <virtual-interface-entry>
      <virtual-interface-name>
        virtual-interface-name
      </virtual-interface-name>
      <routing-instance>
        routing-instance
      </routing-instance>
      <interface-name>
        interface-name
    </virtual-interface-entry>
  </pgcpd-config>
</pgcpd-active-configuration>
```

```

</interface-name>
<vif-service-state>
  vif-service-state
</vif-service-state>
<media-service-ref-entry>....</media-service-ref-entry>
</virtual-interface-entry>
</pgcpd-config>
</pgcpd-active-configuration>

```

Description

Summary of Alarm Response Tags

<alarm-detail>

Usage

```

<alarm-information>
  <alarm-detail>
    <alarm-time>
      alarm-time
    </alarm-time>
    <alarm-class>
      alarm-class
    </alarm-class>
    <alarm-description>
      alarm-description
    </alarm-description>
    <alarm-short-description>
      alarm-short-description
    </alarm-short-description>
    <alarm-type>
      alarm-type
    </alarm-type>
  </alarm-detail>
</alarm-information>

```

Description Detailed information about an active alarm

<alarm-detail>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <alarm-information>
      <alarm-detail>
        <alarm-time>
          alarm-time
        </alarm-time>
        <alarm-class>
          alarm-class
        </alarm-class>
        <alarm-description>
          alarm-description

```

```
</alarm-description>
<alarm-short-description>
  alarm-short-description
</alarm-short-description>
<alarm-type>
  alarm-type
</alarm-type>
</alarm-detail>
</alarm-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Detailed information about an active alarm

<alarm-id-information>

Usage

```
<alarm-id-information>
  <alarm-id>
    alarm-id
  </alarm-id>
</alarm-id-information>
```

Description Alarm identification information

<alarm-information>

Usage

```
<alarm-information>
  <alarm-summary>....</alarm-summary>
  <alarm-detail>....</alarm-detail>
</alarm-information>
```

Description Information about all active alarms

<alarm-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <alarm-information>
      <alarm-summary>....</alarm-summary>
      <alarm-detail>....</alarm-detail>
    </alarm-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Information about all active alarms

<alarm-summary>**Usage**

```

<alarm-information>
  <alarm-summary>
    <active-alarm-count>
      active-alarm-count
    </active-alarm-count>
    <no-active-alarms>
      no-active-alarms
    </no-active-alarms>
  </alarm-summary>
</alarm-information>

```

Description Number of alarms currently active

<alarm-summary>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <alarm-information>
      <alarm-summary>
        <active-alarm-count>
          active-alarm-count
        </active-alarm-count>
        <no-active-alarms>
          no-active-alarms
        </no-active-alarms>
      </alarm-summary>
    </alarm-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Number of alarms currently active

<multi-routing-engine-item>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <re-name>
      re-name
    </re-name>
    <alarm-information>....</alarm-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Information about the active alarms on one Routing Engine on a platform with multiple Routing Engines

<multi-routing-engine-results>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>....</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Information about alarms on one or more Routing Engines on a platform with multiple Routing Engines

Summary of ANCP Response Tags

<ancp-aid-entry>

Usage

```
<ancp-aid-information>
  <ancp-aid-entry>
    <if-type>
      if-type
    </if-type>
    <record-number>
      record-number
    </record-number>
    <if-name>
      if-name
    </if-name>
    <aid-name>
      aid-name
    </aid-name>
    <aid-ipaddress>
      aid-ipaddress
    </aid-ipaddress>
    <kernel-exist>
      kernel-exist
    </kernel-exist>
    <config-exist>
      config-exist
    </config-exist>
  </ancp-aid-entry>
</ancp-aid-information>
```

Description

<ancp-aid-information>

Usage

```
<ancp-aid-information>
  <ancp-aid-entry>....</ancp-aid-entry>
</ancp-aid-information>
```

Description

<ancp-config-entry>

Usage

```

<ancp-config-information>
  <ancp-config-entry>
    <if-type>
      if-type
    </if-type>
    <record-number>
      record-number
    </record-number>
    <if-name>
      if-name
    </if-name>
    <aid-name>
      aid-name
    </aid-name>
    <aid-ipaddress>
      aid-ipaddress
    </aid-ipaddress>
  </ancp-config-entry>
</ancp-config-information>

```

Description

<ancp-config-information>

Usage

```

<ancp-config-information>
  <ancp-scalar-entry>....</ancp-scalar-entry>
  <ancp-config-entry>....</ancp-config-entry>
</ancp-config-information>

```

Description

<ancp-cos-entry>

Usage

```

<ancp-cos-information>
  <ancp-cos-entry>
    <interface-type>
      interface-type
    </interface-type>
    <interface-name>
      interface-name
    </interface-name>
    <interface-index>
      interface-index
    </interface-index>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <last-update>
      last-update

```

```
</last-update>
</anccp-cos-entry>
</anccp-cos-information>
```

Description

<anccp-cos-heading>

Usage

```
<anccp-cos-information>
  <anccp-cos-heading>
    <qos-adjust>
      qos-adjust
    </qos-adjust>
    <cos-state>
      cos-state
    </cos-state>
    <connect-time>
      connect-time
    </connect-time>
    <session-time>
      session-time
    </session-time>
    <rtcreate-time>
      rtcreate-time
    </rtcreate-time>
    <keepalive-time>
      keepalive-time
    </keepalive-time>
    <rate-update-time>
      rate-update-time
    </rate-update-time>
    <keepalive-timer>
      keepalive-timer
    </keepalive-timer>
  </anccp-cos-heading>
</anccp-cos-information>
```

Description

<anccp-cos-information>

Usage

```
<anccp-cos-information>
  <anccp-cos-heading>....</anccp-cos-heading>
  <anccp-cos-entry>....</anccp-cos-entry>
</anccp-cos-information>
```

Description

<anccp-kernel-entry>

Usage

```
<anccp-kernel-information>
```

```

<anccp-kernel-entry>
  <if-type>
    if-type
  </if-type>
  <record-number>
    record-number
  </record-number>
  <if-name>
    if-name
  </if-name>
  <if-index>
    if-index
  </if-index>
  <aid-name>
    aid-name
  </aid-name>
  <aid-ipaddress>
    aid-ipaddress
  </aid-ipaddress>
</anccp-kernel-entry>
</anccp-kernel-information>

```

Description

<anccp-kernel-information>

Usage

```

<anccp-kernel-information>
  <anccp-kernel-entry>....</anccp-kernel-entry>
</anccp-kernel-information>

```

Description

<anccp-neighbor>

Usage

```

<anccp-neighbor>
  <received-syn-count>
    received-syn-count
  </received-syn-count>
  <received-synack-count>
    received-synack-count
  </received-synack-count>
  <received-ack-count>
    received-ack-count
  </received-ack-count>
  <received-rstack-count>
    received-rstack-count
  </received-rstack-count>
  <received-port-up-count>
    received-port-up-count
  </received-port-up-count>
  <received-port-down-count>
    received-port-down-count

```

```
</received-port-down-count>
<received-other-count>
  received-other-count
</received-other-count>
<sent-syn-count>
  sent-syn-count
</sent-syn-count>
<sent-synack-count>
  sent-synack-count
</sent-synack-count>
<sent-ack-count>
  sent-ack-count
</sent-ack-count>
<sent-rstack-count>
  sent-rstack-count
</sent-rstack-count>
<max-discovery-limit-exceed-count>
  max-discovery-limit-exceed-count
</max-discovery-limit-exceed-count>
<ip-address>
  ip-address
</ip-address>
<tcp-port>
  tcp-port
</tcp-port>
<up-time>
  up-time
</up-time>
<mac-address>
  mac-address
</mac-address>
<state>
  state
</state>
<neighbor-subscriber-count>
  neighbor-subscriber-count
</neighbor-subscriber-count>
<system-instance>
  system-instance
</system-instance>
<peer-instance>
  peer-instance
</peer-instance>
<capabilities>
  capabilities
</capabilities>
<adjacency-time>
  adjacency-time
</adjacency-time>
<peer-adjacency-time>
  peer-adjacency-time
</peer-adjacency-time>
<partition-type>
  partition-type
</partition-type>
<partition-flag>
```

```

    partition-flag
  </partition-flag>
  <partition-identifier>
    partition-identifier
  </partition-identifier>
  <dead-time>
    dead-time
  </dead-time>
</ancp-neighbor>

```

Description Information about a single ANCP neighbor

<ancp-neighbor>

Usage

```

<ancp-neighbor-information>
  <ancp-neighbor>
    <received-syn-count>
      received-syn-count
    </received-syn-count>
    <received-synack-count>
      received-synack-count
    </received-synack-count>
    <received-ack-count>
      received-ack-count
    </received-ack-count>
    <received-rstack-count>
      received-rstack-count
    </received-rstack-count>
    <received-port-up-count>
      received-port-up-count
    </received-port-up-count>
    <received-port-down-count>
      received-port-down-count
    </received-port-down-count>
    <received-other-count>
      received-other-count
    </received-other-count>
    <sent-syn-count>
      sent-syn-count
    </sent-syn-count>
    <sent-synack-count>
      sent-synack-count
    </sent-synack-count>
    <sent-ack-count>
      sent-ack-count
    </sent-ack-count>
    <sent-rstack-count>
      sent-rstack-count
    </sent-rstack-count>
    <max-discovery-limit-exceed-count>
      max-discovery-limit-exceed-count
    </max-discovery-limit-exceed-count>
    <ip-address>

```

```
    ip-address
  </ip-address>
  <tcp-port>
    tcp-port
  </tcp-port>
  <up-time>
    up-time
  </up-time>
  <mac-address>
    mac-address
  </mac-address>
  <state>
    state
  </state>
  <neighbor-subscriber-count>
    neighbor-subscriber-count
  </neighbor-subscriber-count>
  <system-instance>
    system-instance
  </system-instance>
  <peer-instance>
    peer-instance
  </peer-instance>
  <capabilities>
    capabilities
  </capabilities>
  <adjacency-time>
    adjacency-time
  </adjacency-time>
  <peer-adjacency-time>
    peer-adjacency-time
  </peer-adjacency-time>
  <partition-type>
    partition-type
  </partition-type>
  <partition-flag>
    partition-flag
  </partition-flag>
  <partition-identifier>
    partition-identifier
  </partition-identifier>
  <dead-time>
    dead-time
  </dead-time>
</ancp-neighbor>
</ancp-neighbor-information>
```

Description Information about a single ANCP neighbor

<ancp-neighbor>

Usage

```
<ancp-subscriber-information>
  <ancp-neighbor>
```



```
<received-syn-count>
  received-syn-count
</received-syn-count>
<received-synack-count>
  received-synack-count
</received-synack-count>
<received-ack-count>
  received-ack-count
</received-ack-count>
<received-rstack-count>
  received-rstack-count
</received-rstack-count>
<received-port-up-count>
  received-port-up-count
</received-port-up-count>
<received-port-down-count>
  received-port-down-count
</received-port-down-count>
<received-other-count>
  received-other-count
</received-other-count>
<sent-syn-count>
  sent-syn-count
</sent-syn-count>
<sent-synack-count>
  sent-synack-count
</sent-synack-count>
<sent-ack-count>
  sent-ack-count
</sent-ack-count>
<sent-rstack-count>
  sent-rstack-count
</sent-rstack-count>
<max-discovery-limit-exceed-count>
  max-discovery-limit-exceed-count
</max-discovery-limit-exceed-count>
<ip-address>
  ip-address
</ip-address>
<tcp-port>
  tcp-port
</tcp-port>
<up-time>
  up-time
</up-time>
<mac-address>
  mac-address
</mac-address>
<state>
  state
</state>
<neighbor-subscriber-count>
  neighbor-subscriber-count
</neighbor-subscriber-count>
<system-instance>
  system-instance
```

```
</system-instance>
<peer-instance>
  peer-instance
</peer-instance>
<capabilities>
  capabilities
</capabilities>
<adjacency-time>
  adjacency-time
</adjacency-time>
<peer-adjacency-time>
  peer-adjacency-time
</peer-adjacency-time>
<partition-type>
  partition-type
</partition-type>
<partition-flag>
  partition-flag
</partition-flag>
<partition-identifier>
  partition-identifier
</partition-identifier>
<dead-time>
  dead-time
</dead-time>
</anccp-neighbor>
</anccp-subscriber-information>
```

Description Information about a single ANCP neighbor

<anccp-neighbor-configuration-entry>

Usage

```
<anccp-neighbor-configuration-information>
<anccp-neighbor-configuration-entry>
  <record-number>
    record-number
  </record-number>
  <anccp-neighbor-ip>
    anccp-neighbor-ip
  </anccp-neighbor-ip>
  <anccp-neighbor-discovery-mode>
    anccp-neighbor-discovery-mode
  </anccp-neighbor-discovery-mode>
  <anccp-neighbor-ietf-mode>
    anccp-neighbor-ietf-mode
  </anccp-neighbor-ietf-mode>
  <anccp-neighbor-adjacency-timer>
    anccp-neighbor-adjacency-timer
  </anccp-neighbor-adjacency-timer>
  <anccp-neighbor-maximum-discovery-entries>
    anccp-neighbor-maximum-discovery-entries
  </anccp-neighbor-maximum-discovery-entries>
</anccp-neighbor-configuration-entry>
```

```
</ancc-neighbor-configuration-information>
```

Description

<ancc-neighbor-configuration-information>

Usage

```
<ancc-neighbor-configuration-information>
  <ancc-neighbor-configuration-entry>....</ancc-neighbor-configuration-entry>
</ancc-neighbor-configuration-information>
```

Description

<ancc-neighbor-information>

Usage

```
<ancc-neighbor-information>
  <ancc-neighbor>....</ancc-neighbor>
</ancc-neighbor-information>
```

Description

<ancc-scalar-entry>

Usage

```
<ancc-config-information>
  <ancc-scalar-entry>
    <qos-adjust>
      qos-adjust
    </qos-adjust>
    <ietf-mode>
      ietf-mode
    </ietf-mode>
    <adjacency-timer>
      adjacency-timer
    </adjacency-timer>
    <maximum-discovery-entries-neighbor>
      maximum-discovery-entries-neighbor
    </maximum-discovery-entries-neighbor>
  </ancc-scalar-entry>
</ancc-config-information>
```

Description

<ancc-statistics-information>

Usage

```
<ancc-statistics-information>
  <neighbor-count>
    neighbor-count
  </neighbor-count>
  <subscriber-count>
    subscriber-count
```

```
</subscriber-count>
<received-syn-count>
  received-syn-count
</received-syn-count>
<received-synack-count>
  received-synack-count
</received-synack-count>
<received-ack-count>
  received-ack-count
</received-ack-count>
<received-rstack-count>
  received-rstack-count
</received-rstack-count>
<received-port-up-count>
  received-port-up-count
</received-port-up-count>
<received-port-down-count>
  received-port-down-count
</received-port-down-count>
<received-other-count>
  received-other-count
</received-other-count>
<sent-syn-count>
  sent-syn-count
</sent-syn-count>
<sent-synack-count>
  sent-synack-count
</sent-synack-count>
<sent-ack-count>
  sent-ack-count
</sent-ack-count>
<sent-rstack-count>
  sent-rstack-count
</sent-rstack-count>
<accept-count>
  accept-count
</accept-count>
<accept-fail-count>
  accept-fail-count
</accept-fail-count>
<accept-config-deny-count>
  accept-config-deny-count
</accept-config-deny-count>
</ancp-statistics-information>
```

Description

<ancp-subscriber>

Usage

```
<ancp-subscriber>
  <access-loop-identifier>
    access-loop-identifier
  </access-loop-identifier>
  <access-loop-remote-identifier>
```

```
    access-loop-remote-identifier
  </access-loop-remote-identifier>
  <interface>
    interface
  </interface>
  <interface-type>
    interface-type
  </interface-type>
  <access-aggregate-circuit-identifier>
    access-aggregate-circuit-identifier
  </access-aggregate-circuit-identifier>
  <access-aggregate-circuit-binary-identifier>
    access-aggregate-circuit-binary-identifier
  </access-aggregate-circuit-binary-identifier>
  <dsl-type>
    dsl-type
  </dsl-type>
  <actual-net-data-upstream>
    actual-net-data-upstream
  </actual-net-data-upstream>
  <actual-net-data-downstream>
    actual-net-data-downstream
  </actual-net-data-downstream>
  <minimum-net-data-upstream>
    minimum-net-data-upstream
  </minimum-net-data-upstream>
  <minimum-net-data-downstream>
    minimum-net-data-downstream
  </minimum-net-data-downstream>
  <maximum-net-data-upstream>
    maximum-net-data-upstream
  </maximum-net-data-upstream>
  <maximum-net-data-downstream>
    maximum-net-data-downstream
  </maximum-net-data-downstream>
  <attainable-net-data-upstream>
    attainable-net-data-upstream
  </attainable-net-data-upstream>
  <attainable-net-data-downstream>
    attainable-net-data-downstream
  </attainable-net-data-downstream>
  <neighbor-ip-address>
    neighbor-ip-address
  </neighbor-ip-address>
  <minimum-low-power-data-upstream>
    minimum-low-power-data-upstream
  </minimum-low-power-data-upstream>
  <minimum-low-power-data-downstream>
    minimum-low-power-data-downstream
  </minimum-low-power-data-downstream>
  <maximum-interleave-delay-downstream>
    maximum-interleave-delay-downstream
  </maximum-interleave-delay-downstream>
  <maximum-interleave-delay-upstream>
    maximum-interleave-delay-upstream
  </maximum-interleave-delay-upstream>
```

```
<actual-interleave-delay-downstream>
  actual-interleave-delay-downstream
</actual-interleave-delay-downstream>
<actual-interleave-delay-upstream>
  actual-interleave-delay-upstream
</actual-interleave-delay-upstream>
<dsl-line-state>
  dsl-line-state
</dsl-line-state>
<dsl-line-data-link>
  dsl-line-data-link
</dsl-line-data-link>
<dsl-line-encapsulation>
  dsl-line-encapsulation
</dsl-line-encapsulation>
<dsl-line-encapsulation-payload>
  dsl-line-encapsulation-payload
</dsl-line-encapsulation-payload>
</ancp-subscriber>
```

Description Information about a single ANCP subscriber

<ancp-subscriber>

Usage

```
<ancp-subscriber-information>
  <ancp-subscriber>
    <access-loop-identifier>
      access-loop-identifier
    </access-loop-identifier>
    <access-loop-remote-identifier>
      access-loop-remote-identifier
    </access-loop-remote-identifier>
    <interface>
      interface
    </interface>
    <interface-type>
      interface-type
    </interface-type>
    <access-aggregate-circuit-identifier>
      access-aggregate-circuit-identifier
    </access-aggregate-circuit-identifier>
    <access-aggregate-circuit-binary-identifier>
      access-aggregate-circuit-binary-identifier
    </access-aggregate-circuit-binary-identifier>
    <dsl-type>
      dsl-type
    </dsl-type>
    <actual-net-data-upstream>
      actual-net-data-upstream
    </actual-net-data-upstream>
    <actual-net-data-downstream>
      actual-net-data-downstream
    </actual-net-data-downstream>
```

```
<minimum-net-data-upstream>
  minimum-net-data-upstream
</minimum-net-data-upstream>
<minimum-net-data-downstream>
  minimum-net-data-downstream
</minimum-net-data-downstream>
<maximum-net-data-upstream>
  maximum-net-data-upstream
</maximum-net-data-upstream>
<maximum-net-data-downstream>
  maximum-net-data-downstream
</maximum-net-data-downstream>
<attainable-net-data-upstream>
  attainable-net-data-upstream
</attainable-net-data-upstream>
<attainable-net-data-downstream>
  attainable-net-data-downstream
</attainable-net-data-downstream>
<neighbor-ip-address>
  neighbor-ip-address
</neighbor-ip-address>
<minimum-low-power-data-upstream>
  minimum-low-power-data-upstream
</minimum-low-power-data-upstream>
<minimum-low-power-data-downstream>
  minimum-low-power-data-downstream
</minimum-low-power-data-downstream>
<maximum-interleave-delay-downstream>
  maximum-interleave-delay-downstream
</maximum-interleave-delay-downstream>
<maximum-interleave-delay-upstream>
  maximum-interleave-delay-upstream
</maximum-interleave-delay-upstream>
<actual-interleave-delay-downstream>
  actual-interleave-delay-downstream
</actual-interleave-delay-downstream>
<actual-interleave-delay-upstream>
  actual-interleave-delay-upstream
</actual-interleave-delay-upstream>
<dsl-line-state>
  dsl-line-state
</dsl-line-state>
<dsl-line-data-link>
  dsl-line-data-link
</dsl-line-data-link>
<dsl-line-encapsulation>
  dsl-line-encapsulation
</dsl-line-encapsulation>
<dsl-line-encapsulation-payload>
  dsl-line-encapsulation-payload
</dsl-line-encapsulation-payload>
</ancp-subscriber>
</ancp-subscriber-information>
```

Description Information about a single ANCP subscriber

<ancp-subscriber-information>

Usage

```
<ancp-subscriber-information>
  <ancp-subscriber>.....</ancp-subscriber>
  <ancp-neighbor>.....</ancp-neighbor>
</ancp-subscriber-information>
```

Description

Summary of APPIDD Response Tags

<appid-application-system-cache>

Usage

```
<appid-application-system-cache-information>
  <appid-application-system-cache>
    <ip-address>
      ip-address
    </ip-address>
    <ipv6-address>
      ipv6-address
    </ipv6-address>
    <port>
      port
    </port>
    <protocol>
      protocol
    </protocol>
    <appid-service>
      appid-service
    </appid-service>
    <appid-application>
      appid-application
    </appid-application>
    <cpu-id>
      cpu-id
    </cpu-id>
  </appid-application-system-cache>
</appid-application-system-cache-information>
```

Description

<appid-application-system-cache-information>

Usage

```
<appid-application-system-cache-information>
  <pic>
    pic
  </pic>
  <appid-application-system-cache>.....</appid-application-system-cache>
```


</appid-application-system-cache-information>

Description

<appid-application-system-cache-information-usp>

Usage

```
<appid-application-system-cache-information-usp>
  <appid-cache-configuration-usp>....</appid-cache-configuration-usp>
  <pic>
    pic
  </pic>
</appid-application-system-cache-usp>....</appid-application-system-cache-usp>

</appid-application-system-cache-information-usp>
```

Description

<appid-application-system-cache-usp>

Usage

```
<appid-application-system-cache-information-usp>
  <appid-application-system-cache-usp>
    <virtual-system-identifier>
      virtual-system-identifier
    </virtual-system-identifier>
    <ip-address>
      ip-address
    </ip-address>
    <ipv6-address>
      ipv6-address
    </ipv6-address>
    <port>
      port
    </port>
    <protocol>
      protocol
    </protocol>
    <index>
      index
    </index>
    <appid-application>
      appid-application
    </appid-application>
  </appid-application-system-cache-usp>
</appid-application-system-cache-information-usp>
```

Description

<appid-apppack-uninstall>

Usage

```
<appid-apppack-uninstall>
  <appid-apppack-uninstall-detail>
```

```
    appid-apppack-uninstall-detail
  </appid-apppack-uninstall-detail>
</appid-apppack-uninstall>
```

Description Uninstall application package

<appid-cache-configuration-usp>

Usage

```
<appid-application-system-cache-information-usp>
  <appid-cache-configuration-usp>
    <appid-asc-enable>
      appid-asc-enable
    </appid-asc-enable>
    <appid-nested-asc-enable>
      appid-nested-asc-enable
    </appid-nested-asc-enable>
    <appid-cache-unknown>
      appid-cache-unknown
    </appid-cache-unknown>
    <appid-cache-timeout>
      appid-cache-timeout
    </appid-cache-timeout>
  </appid-cache-configuration-usp>
</appid-application-system-cache-information-usp>
```

Description

<appid-counter>

Usage

```
<appid-counter-information>
  <appid-counter>
    <pic>
      pic
    </pic>
    <total-sessions>
      total-sessions
    </total-sessions>
    <total-matched-sessions>
      total-matched-sessions
    </total-matched-sessions>
    <total-unknown-sessions>
      total-unknown-sessions
    </total-unknown-sessions>
    <signature-matched-sessions>
      signature-matched-sessions
    </signature-matched-sessions>
    <signature-unknown-sessions>
      signature-unknown-sessions
    </signature-unknown-sessions>
    <address-matched-sessions>
      address-matched-sessions
    </address-matched-sessions>
```

```

<address-unknown-sessions>
  address-unknown-sessions
</address-unknown-sessions>
<port-matched-sessions>
  port-matched-sessions
</port-matched-sessions>
<port-unknown-sessions>
  port-unknown-sessions
</port-unknown-sessions>
<icmp-matched-sessions>
  icmp-matched-sessions
</icmp-matched-sessions>
<icmp-unknown-sessions>
  icmp-unknown-sessions
</icmp-unknown-sessions>
<ip-protocol-matched-sessions>
  ip-protocol-matched-sessions
</ip-protocol-matched-sessions>
<ip-protocol-unknown-sessions>
  ip-protocol-unknown-sessions
</ip-protocol-unknown-sessions>
<application-system-cache-hit>
  application-system-cache-hit
</application-system-cache-hit>
<application-system-cache-miss>
  application-system-cache-miss
</application-system-cache-miss>
<protocol-matched-sessions>
  protocol-matched-sessions
</protocol-matched-sessions>
<protocol-unknown-sessions>
  protocol-unknown-sessions
</protocol-unknown-sessions>
</appid-counter>
</appid-counter-information>

```

Description

<appid-counter-information>

Usage

```

<appid-counter-information>
  <appid-counter>....</appid-counter>
</appid-counter-information>

```

Description Application identification counters

<appid-counter-information-usp>

Usage

```

<appid-counter-information-usp>
  <pic>
    pic
  </pic>

```

```
<appid-counter-usp>....</appid-counter-usp>
</appid-counter-information-usp>
```

Description Application identification counters

<appid-counter-usp>

Usage

```
<appid-counter-information-usp>
  <appid-counter-usp>
    <counter-name>
      counter-name
    </counter-name>
    <counter-value>
      counter-value
    </counter-value>
  </appid-counter-usp>
</appid-counter-information-usp>
```

Description

<appid-package-version>

Usage

```
<appid-package-version>
  <version-detail>
    version-detail
  </version-detail>
</appid-package-version>
```

Description

<apppack-download-status>

Usage

```
<apppack-download-status>
  <apppack-download-status-detail>
    apppack-download-status-detail
  </apppack-download-status-detail>
</apppack-download-status>
```

Description Status of application package download

Summary of APS Response Tags

<aps-interface>

Usage

```
<aps-interface>
  <aps-interface-name>
    aps-interface-name
```

```
</aps-interface-name>
<aps-interface-group>
  aps-interface-group
</aps-interface-group>
<aps-interface-circuit-type>
  aps-interface-circuit-type
</aps-interface-circuit-type>
<aps-interface-circuit-state>
  aps-interface-circuit-state
</aps-interface-circuit-state>
<aps-interface-state>
  aps-interface-state
</aps-interface-state>
<aps-neighbor>
  aps-neighbor
</aps-neighbor>
<aps-adjacent-state>
  aps-adjacent-state
</aps-adjacent-state>
<aps-neighbor-select-state>
  aps-neighbor-select-state
</aps-neighbor-select-state>
<aps-time-remaining>
  aps-time-remaining
</aps-time-remaining>
<aps-channel-state>
  aps-channel-state
</aps-channel-state>
<aps-config-state>
  aps-config-state
</aps-config-state>
<aps-config-state-circuit>
  aps-config-state-circuit
</aps-config-state-circuit>
<aps-loop-circuit-type>
  aps-loop-circuit-type
</aps-loop-circuit-type>
<aps-loop-circuit-name>
  aps-loop-circuit-name
</aps-loop-circuit-name>
<aps-pair-interface-name>
  aps-pair-interface-name
</aps-pair-interface-name>
<aps-pair-group-name>
  aps-pair-group-name
</aps-pair-group-name>
<aps-local-mode>
  aps-local-mode
</aps-local-mode>
<aps-neighbor-mode>
  aps-neighbor-mode
</aps-neighbor-mode>
<aps-request-k1>
  aps-request-k1
</aps-request-k1>
<aps-request-k2>
```

```
    aps-request-k2
  </aps-request-k2>
  <aps-receive-k1>
    aps-receive-k1
  </aps-receive-k1>
  <aps-transmit-k1>
    aps-transmit-k1
  </aps-transmit-k1>
  <aps-receive-k2>
    aps-receive-k2
  </aps-receive-k2>
  <aps-transmit-k2>
    aps-transmit-k2
  </aps-transmit-k2>
  <aps-neighbor-k1>
    aps-neighbor-k1
  </aps-neighbor-k1>
  <aps-neighbor-paired-request>
    aps-neighbor-paired-request
  </aps-neighbor-paired-request>
  <aps-revert-time>
    aps-revert-time
  </aps-revert-time>
  <aps-wait-to-restore-time>
    aps-wait-to-restore-time
  </aps-wait-to-restore-time>
  <aps-annex-b>
    aps-annex-b
  </aps-annex-b>
  <aps-neighbor-revert-time>
    aps-neighbor-revert-time
  </aps-neighbor-revert-time>
  <aps-neighbor-wait-to-restore-time>
    aps-neighbor-wait-to-restore-time
  </aps-neighbor-wait-to-restore-time>
  <aps-remaining-revert-time>
    aps-remaining-revert-time
  </aps-remaining-revert-time>
  <aps-remaining-wait-to-restore-time>
    aps-remaining-wait-to-restore-time
  </aps-remaining-wait-to-restore-time>
  <aps-remaining-forced-revert-time>
    aps-remaining-forced-revert-time
  </aps-remaining-forced-revert-time>
  <aps-remaining-hello-timer>
    aps-remaining-hello-timer
  </aps-remaining-hello-timer>
  <aps-remaining-update-timer>
    aps-remaining-update-timer
  </aps-remaining-update-timer>
  <aps-remaining-holddown-timer>
    aps-remaining-holddown-timer
  </aps-remaining-holddown-timer>
</aps-interface>
```

Description Information about an Automatic Protection Switching interface

<aps-interface>

Usage

```
<aps-interface-information>
  <aps-interface>
    <aps-interface-name>
      aps-interface-name
    </aps-interface-name>
    <aps-interface-group>
      aps-interface-group
    </aps-interface-group>
    <aps-interface-circuit-type>
      aps-interface-circuit-type
    </aps-interface-circuit-type>
    <aps-interface-circuit-state>
      aps-interface-circuit-state
    </aps-interface-circuit-state>
    <aps-interface-state>
      aps-interface-state
    </aps-interface-state>
    <aps-neighbor>
      aps-neighbor
    </aps-neighbor>
    <aps-adjacent-state>
      aps-adjacent-state
    </aps-adjacent-state>
    <aps-neighbor-select-state>
      aps-neighbor-select-state
    </aps-neighbor-select-state>
    <aps-time-remaining>
      aps-time-remaining
    </aps-time-remaining>
    <aps-channel-state>
      aps-channel-state
    </aps-channel-state>
    <aps-config-state>
      aps-config-state
    </aps-config-state>
    <aps-config-state-circuit>
      aps-config-state-circuit
    </aps-config-state-circuit>
    <aps-loop-circuit-type>
      aps-loop-circuit-type
    </aps-loop-circuit-type>
    <aps-loop-circuit-name>
      aps-loop-circuit-name
    </aps-loop-circuit-name>
    <aps-pair-interface-name>
      aps-pair-interface-name
    </aps-pair-interface-name>
    <aps-pair-group-name>
      aps-pair-group-name
    </aps-pair-group-name>
```

```
<aps-local-mode>
  aps-local-mode
</aps-local-mode>
<aps-neighbor-mode>
  aps-neighbor-mode
</aps-neighbor-mode>
<aps-request-k1>
  aps-request-k1
</aps-request-k1>
<aps-request-k2>
  aps-request-k2
</aps-request-k2>
<aps-receive-k1>
  aps-receive-k1
</aps-receive-k1>
<aps-transmit-k1>
  aps-transmit-k1
</aps-transmit-k1>
<aps-receive-k2>
  aps-receive-k2
</aps-receive-k2>
<aps-transmit-k2>
  aps-transmit-k2
</aps-transmit-k2>
<aps-neighbor-k1>
  aps-neighbor-k1
</aps-neighbor-k1>
<aps-neighbor-paired-request>
  aps-neighbor-paired-request
</aps-neighbor-paired-request>
<aps-revert-time>
  aps-revert-time
</aps-revert-time>
<aps-wait-to-restore-time>
  aps-wait-to-restore-time
</aps-wait-to-restore-time>
<aps-annex-b>
  aps-annex-b
</aps-annex-b>
<aps-neighbor-revert-time>
  aps-neighbor-revert-time
</aps-neighbor-revert-time>
<aps-neighbor-wait-to-restore-time>
  aps-neighbor-wait-to-restore-time
</aps-neighbor-wait-to-restore-time>
<aps-remaining-revert-time>
  aps-remaining-revert-time
</aps-remaining-revert-time>
<aps-remaining-wait-to-restore-time>
  aps-remaining-wait-to-restore-time
</aps-remaining-wait-to-restore-time>
<aps-remaining-forced-revert-time>
  aps-remaining-forced-revert-time
</aps-remaining-forced-revert-time>
<aps-remaining-hello-timer>
  aps-remaining-hello-timer
```



```
</aps-remaining-hello-timer>
<aps-remaining-update-timer>
  aps-remaining-update-timer
</aps-remaining-update-timer>
<aps-remaining-holddown-timer>
  aps-remaining-holddown-timer
</aps-remaining-holddown-timer>
</aps-interface>
</aps-interface-information>
```

Description Information about an Automatic Protection Switching interface

<aps-interface-information>

Usage

```
<aps-interface-information>
<aps-interface>....</aps-interface>
</aps-interface-information>
```

Description Information about one or more Automatic Protection Switching interfaces

Summary of ARP Response Tags

<arp-table-entry>

Usage

```
<arp-table-entry>
<mac-address>
  mac-address
</mac-address>
<ip-address>
  ip-address
</ip-address>
<hostname>
  hostname
</hostname>
<interface-name>
  interface-name
</interface-name>
<arp-table-entry-flags>....</arp-table-entry-flags>
<time-to-expire>
  time-to-expire
</time-to-expire>
</arp-table-entry>
```

Description Information about an entry in the ARP table

<arp-table-entry>

Usage

```
<arp-table-information>
```

```
<arp-table-entry>
  <mac-address>
    mac-address
  </mac-address>
  <ip-address>
    ip-address
  </ip-address>
  <hostname>
    hostname
  </hostname>
  <interface-name>
    interface-name
  </interface-name>
  <arp-table-entry-flags>....</arp-table-entry-flags>
  <time-to-expire>
    time-to-expire
  </time-to-expire>
</arp-table-entry>
</arp-table-information>
```

Description Information about an entry in the ARP table

<arp-table-entry-flags>

Usage

```
<arp-table-entry-flags>
  <none>
    none
  </none>
  <permanent>
    permanent
  </permanent>
  <published>
    published
  </published>
  <dead>
    dead
  </dead>
  <free>
    free
  </free>
</arp-table-entry-flags>
```

Description One or more status flags for the ARP entry

<arp-table-entry-flags>

Usage

```
<arp-table-entry>
  <arp-table-entry-flags>
    <none>
      none
    </none>
```

```

    <permanent>
      permanent
    </permanent>
    <published>
      published
    </published>
    <dead>
      dead
    </dead>
    <free>
      free
    </free>
  </arp-table-entry-flags>
</arp-table-entry>

```

Description One or more status flags for the ARP entry

<arp-table-entry-flags>

Usage

```

<arp-table-information>
  <arp-table-entry>
    <arp-table-entry-flags>
      <none>
        none
      </none>
      <permanent>
        permanent
      </permanent>
      <published>
        published
      </published>
      <dead>
        dead
      </dead>
      <free>
        free
      </free>
    </arp-table-entry-flags>
  </arp-table-entry>
</arp-table-information>

```

Description One or more status flags for the ARP entry

<arp-table-information>

Usage

```

<arp-table-information>
  <arp-table-entry>....</arp-table-entry>
  <arp-entry-count>
    arp-entry-count
  </arp-entry-count>

```

</arp-table-information>

Description Information about one or more entries in the ARP table

<clear-arp-table-result>

Usage

```
<clear-arp-table-result>
  <ip-address>
    ip-address
  </ip-address>
  <clear-success>
    clear-success
  </clear-success>
</clear-arp-table-result>
```

Description Results of a clear ARP command

<clear-arp-table-result>

Usage

```
<clear-arp-table-results>
  <clear-arp-table-result>
    <ip-address>
      ip-address
    </ip-address>
    <clear-success>
      clear-success
    </clear-success>
  </clear-arp-table-result>
</clear-arp-table-results>
```

Description Results of a clear ARP command

<clear-arp-table-results>

Usage

```
<clear-arp-table-results>
  <clear-arp-table-result>....</clear-arp-table-result>
</clear-arp-table-results>
```

Description Clear ARP table entry results

Summary of Authentication Response Tags

<aaa-module-accounting-statistics>

Usage

```
<aaa-module-statistics>
```

```
<aaa-module-accounting-statistics>
  <requests>
    requests
  </requests>
  <accounting-response-failures>
    accounting-response-failures
  </accounting-response-failures>
  <accounting-response-success>
    accounting-response-success
  </accounting-response-success>
  <timeouts>
    timeouts
  </timeouts>
</aaa-module-accounting-statistics>
</aaa-module-statistics>
```

Description

<aaa-module-address-assignment-client-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-address-assignment-client-statistics>
    <client-name>
      client-name
    </client-name>
    <out-of-memory>
      out-of-memory
    </out-of-memory>
    <no-matches>
      no-matches
    </no-matches>
  </aaa-module-address-assignment-client-statistics>
</aaa-module-statistics>
```

Description

<aaa-module-address-assignment-pool-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-address-assignment-pool-statistics>
    <pool-name>
      pool-name
    </pool-name>
    <link-name>
      link-name
    </link-name>
    <out-of-memory>
      out-of-memory
    </out-of-memory>
    <out-of-addresses>
      out-of-addresses
    </out-of-addresses>
```

```
<total-addresses>
  total-addresses
</total-addresses>
<used-addresses>
  used-addresses
</used-addresses>
<pool-usage>
  pool-usage
</pool-usage>
</aaa-module-address-assignment-pool-statistics>
</aaa-module-statistics>
```

Description

<aaa-module-authentication-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-authentication-statistics>
    <requests>
      requests
    </requests>
    <accepts>
      accepts
    </accepts>
    <rejects>
      rejects
    </rejects>
    <challenges>
      challenges
    </challenges>
    <timeouts>
      timeouts
    </timeouts>
  </aaa-module-authentication-statistics>
</aaa-module-statistics>
```

Description

<aaa-module-dynamic-requests-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-dynamic-requests-statistics>
    <requests>
      requests
    </requests>
    <processed-ok>
      processed-ok
    </processed-ok>
    <processing-error>
      processing-error
    </processing-error>
    <silent-drops>
```

```
        silent-drops
      </silent-drops>
    </aaa-module-dynamic-requests-statistics>
  </aaa-module-statistics>
```

Description

<aaa-module-re-authentication-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-re-authentication-statistics>
    <requests>
      requests
    </requests>
    <accepts>
      accepts
    </accepts>
    <aborts>
      aborts
    </aborts>
    <challenges>
      challenges
    </challenges>
    <internal-errors>
      internal-errors
    </internal-errors>
    <rejects>
      rejects
    </rejects>
    <timeouts>
      timeouts
    </timeouts>
  </aaa-module-re-authentication-statistics>
</aaa-module-statistics>
```

Description

<aaa-module-statistics>

Usage

```
<aaa-module-statistics>
  <requests>
    requests
  </requests>
  <accepts>
    accepts
  </accepts>
  <rejects>
    rejects
  </rejects>
  <accounting-response-failures>
    accounting-response-failures
  </accounting-response-failures>
```

```
<accounting-response-success>
  accounting-response-success
</accounting-response-success>
<timeouts>
  timeouts
</timeouts>
<challenges>
  challenges
</challenges>
<processed-ok>
  processed-ok
</processed-ok>
<processing-error>
  processing-error
</processing-error>
<silent-drops>
  silent-drops
</silent-drops>
<internal-errors>
  internal-errors
</internal-errors>
<aborts>
  aborts
</aborts>
<aaa-module-authentication-statistics>....</aaa-module-authentication-statistics>

  <aaa-module-accounting-statistics>....</aaa-module-accounting-statistics>

<aaa-module-dynamic-requests-statistics>....</aaa-module-dynamic-requests-statistics>

<aaa-module-re-authentication-statistics>....</aaa-module-re-authentication-statistics>

<aaa-module-address-assignment-pool-statistics>...</aaa-module-address-assignment-pool-statistics>

<aaa-module-address-assignment-client-statistics>...</aaa-module-address-assignment-client-statistics>

  <aaa-module-subscriber-statistics>....</aaa-module-subscriber-statistics>
</aaa-module-statistics>
```

Description Statistics for the authentication authorization and accounting (AAA) modules

<aaa-module-subscriber-statistics>

Usage

```
<aaa-module-statistics>
  <aaa-module-subscriber-statistics>
    <total-number-of-subscribers>
      total-number-of-subscribers
    </total-number-of-subscribers>
  </aaa-module-subscriber-statistics>
```



```
</aaa-module-statistics>
```

Description

<aaa-subscriber-accounting-statistics>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-statistics>
    <aaa-subscriber-accounting-statistics>
      <accounting-start-sent-successfully>
        accounting-start-sent-successfully
      </accounting-start-sent-successfully>
      <accounting-start-send-failed>
        accounting-start-send-failed
      </accounting-start-send-failed>
      <accounting-start-responses>
        accounting-start-responses
      </accounting-start-responses>
      <accounting-interim-sent-successfully>
        accounting-interim-sent-successfully
      </accounting-interim-sent-successfully>
      <accounting-interim-send-failed>
        accounting-interim-send-failed
      </accounting-interim-send-failed>
      <accounting-interim-responses>
        accounting-interim-responses
      </accounting-interim-responses>
    </aaa-subscriber-accounting-statistics>
  </aaa-subscriber-statistics>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-auth-statistics>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-statistics>
    <aaa-subscriber-auth-statistics>
      <authentication-challenge-requests>
        authentication-challenge-requests
      </authentication-challenge-requests>
      <authentication-challenge-responses>
        authentication-challenge-responses
      </authentication-challenge-responses>
    </aaa-subscriber-auth-statistics>
  </aaa-subscriber-statistics>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-reauth-statistics>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-statistics>
    <aaa-subscriber-reauth-statistics>
      <re-authentication-requests>
        re-authentication-requests
      </re-authentication-requests>
      <re-authentication-responses>
        re-authentication-responses
      </re-authentication-responses>
      <re-authentication-aborts>
        re-authentication-aborts
      </re-authentication-aborts>
    </aaa-subscriber-reauth-statistics>
  </aaa-subscriber-statistics>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-service-statistics>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-statistics>
    <aaa-subscriber-service-statistics>
      <service-name>
        service-name
      </service-name>
      <service-creates>
        service-creates
      </service-creates>
      <service-deletes>
        service-deletes
      </service-deletes>
      <service-timeouts>
        service-timeouts
      </service-timeouts>
    </aaa-subscriber-service-statistics>
  </aaa-subscriber-statistics>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-statistics>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-statistics>
    <authentication-challenge-requests>
      authentication-challenge-requests
    </authentication-challenge-requests>
    <authentication-challenge-responses>
```

```

    authentication-challenge-responses
  </authentication-challenge-responses>
  <accounting-start-sent-successfully>
    accounting-start-sent-successfully
  </accounting-start-sent-successfully>
  <accounting-start-send-failed>
    accounting-start-send-failed
  </accounting-start-send-failed>
  <accounting-start-responses>
    accounting-start-responses
  </accounting-start-responses>
  <accounting-interim-sent-successfully>
    accounting-interim-sent-successfully
  </accounting-interim-sent-successfully>
  <accounting-interim-send-failed>
    accounting-interim-send-failed
  </accounting-interim-send-failed>
  <accounting-interim-responses>
    accounting-interim-responses
  </accounting-interim-responses>
  <service-creates>
    service-creates
  </service-creates>
  <service-deletes>
    service-deletes
  </service-deletes>
  <service-timeouts>
    service-timeouts
  </service-timeouts>
  <re-authentication-requests>
    re-authentication-requests
  </re-authentication-requests>
  <re-authentication-responses>
    re-authentication-responses
  </re-authentication-responses>
  <re-authentication-aborts>
    re-authentication-aborts
  </re-authentication-aborts>
  <aaa-subscriber-auth-statistics>....</aaa-subscriber-auth-statistics>
<aaa-subscriber-accounting-statistics>....</aaa-subscriber-accounting-statistics>

  <aaa-subscriber-service-statistics>....</aaa-subscriber-service-statistics>
  <aaa-subscriber-reauth-statistics>....</aaa-subscriber-reauth-statistics>
</aaa-subscriber-statistics>
</aaa-subscriber-table-details>

```

Description

<aaa-subscriber-table>

Usage

```

<aaa-subscriber-table-details>
  <aaa-subscriber-table>
    <aaa-subscriber-table-entry>....</aaa-subscriber-table-entry>
    <aaa-subscriber-table-entry-details>....</aaa-subscriber-table-entry-details>
  
```

```
</aaa-subscriber-table-logical-system-routing-instance-entry>...</aaa-subscriber-table-logical-system-routing-instance-entry>

<aaa-subscriber-table-entry-service-details>....</aaa-subscriber-table-entry-service-details>

<aaa-subscriber-table-entry-session-id-detail>....</aaa-subscriber-table-entry-session-id-detail>

</aaa-subscriber-table>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-table-details>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-table>....</aaa-subscriber-table>
  <aaa-subscriber-statistics>....</aaa-subscriber-statistics>
</aaa-subscriber-table-details>
```

Description Information about authentication, authorization and accounting (AAA) subscriber table

<aaa-subscriber-table-entry>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-table>
    <aaa-subscriber-table-entry>
      <user-name>
        user-name
      </user-name>
      <logical-system-routing-instance>
        logical-system-routing-instance
      </logical-system-routing-instance>
      <client-type>
        client-type
      </client-type>
      <session-id>
        session-id
      </session-id>
    </aaa-subscriber-table-entry>
  </aaa-subscriber-table>
</aaa-subscriber-table-details>
```

Description

<aaa-subscriber-table-entry-details>

Usage

```
<aaa-subscriber-table-details>
  <aaa-subscriber-table>
```

```

<aaa-subscriber-table-entry-details>
  <logical-system-routing-instance>
    logical-system-routing-instance
  </logical-system-routing-instance>
  <client-type>
    client-type
  </client-type>
  <session-uptime>
    session-uptime
  </session-uptime>
  <accounting-status>
    accounting-status
  </accounting-status>
</aaa-subscriber-table-entry-details>
</aaa-subscriber-table>
</aaa-subscriber-table-details>

```

Description

<aaa-subscriber-table-entry-service-details>

Usage

```

<aaa-subscriber-table-details>
  <aaa-subscriber-table>
    <aaa-subscriber-table-entry-service-details>
      <service-name>
        service-name
      </service-name>
      <service-type>
        service-type
      </service-type>
      <service-quota>
        service-quota
      </service-quota>
      <accounting-status>
        accounting-status
      </accounting-status>
    </aaa-subscriber-table-entry-service-details>
  </aaa-subscriber-table>
</aaa-subscriber-table-details>

```

Description

<aaa-subscriber-table-entry-session-id-detail>

Usage

```

<aaa-subscriber-table-details>
  <aaa-subscriber-table>
    <aaa-subscriber-table-entry-session-id-detail>
      <client-type>
        client-type
      </client-type>
      <user-name>
        user-name

```

```
</user-name>
<stripped-user-name>
  stripped-user-name
</stripped-user-name>
<aaa-logical-system-routing-instance>
  aaa-logical-system-routing-instance
</aaa-logical-system-routing-instance>
<target-logical-system-routing-instance>
  target-logical-system-routing-instance
</target-logical-system-routing-instance>
<access-profile>
  access-profile
</access-profile>
<session-id>
  session-id
</session-id>
<accounting-session-id>
  accounting-session-id
</accounting-session-id>
<multi-accounting-session-id>
  multi-accounting-session-id
</multi-accounting-session-id>
<ip-address-assigned>
  ip-address-assigned
</ip-address-assigned>
<assignment-type>
  assignment-type
</assignment-type>
<auth-state>
  auth-state
</auth-state>
<gx-plus-prov-state>
  gx-plus-prov-state
</gx-plus-prov-state>
<accounting-state>
  accounting-state
</accounting-state>
<number-services>
  number-services
</number-services>
<service-name>
  service-name
</service-name>
<service-state>
  service-state
</service-state>
<service-session-id>
  service-session-id
</service-session-id>
<service-accounting-session-id>
  service-accounting-session-id
</service-accounting-session-id>
<accounting-status>
  accounting-status
</accounting-status>
<session-uptime>
```

```

        session-uptime
      </session-uptime>
    <service-accounting-state>
      service-accounting-state
    </service-accounting-state>
    <accounting-interim-interval>
      accounting-interim-interval
    </accounting-interim-interval>
  </aaa-subscriber-table-entry-session-id-detail>
</aaa-subscriber-table>
</aaa-subscriber-table-details>

```

Description

<aaa-subscriber-table-logical-system-routing-instance-entries>

Usage

```

<aaa-subscriber-table-details>
  <aaa-subscriber-table>
    <aaa-subscriber-table-logical-system-routing-instance-entries>
      <user-name>
        user-name
      </user-name>
      <client-type>
        client-type
      </client-type>
      <logical-system-routing-instance>
        logical-system-routing-instance
      </logical-system-routing-instance>
    </aaa-subscriber-table-logical-system-routing-instance-entries>
  </aaa-subscriber-table>
</aaa-subscriber-table-details>

```

Description

<address-assignment-pool-entry>

Usage

```

<address-assignment-pool-table-details>
  <address-assignment-pool-table>
    <address-assignment-pool-entry>
      <ip-address>
        ip-address
      </ip-address>
      <hardware-address>
        hardware-address
      </hardware-address>
      <host-name>
        host-name
      </host-name>
      <subscriber-type>
        subscriber-type
      </subscriber-type>
    </address-assignment-pool-entry>
  </address-assignment-pool-table>
</address-assignment-pool-table-details>

```

```
</address-assignment-pool-table>
</address-assignment-pool-table-details>
```

Description

<address-assignment-pool-table>

Usage

```
<address-assignment-pool-table-details>
  <address-assignment-pool-table>
    <address-assignment-pool-entry>....</address-assignment-pool-entry>
  </address-assignment-pool-table>
</address-assignment-pool-table-details>
```

Description

<address-assignment-pool-table-details>

Usage

```
<address-assignment-pool-table-details>
  <address-assignment-pool-table>....</address-assignment-pool-table>
</address-assignment-pool-table-details>
```

Description Information about address-assignment pool

<auth-pending-entry>

Usage

```
<auth-pending-table-details>
  <auth-pending-table>
    <auth-pending-entry>
      <index>
        index
      </index>
      <auth-status>
        auth-status
      </auth-status>
      <profile-name>
        profile-name
      </profile-name>
      <user-name>
        user-name
      </user-name>
    </auth-pending-entry>
  </auth-pending-table>
</auth-pending-table-details>
```

Description

<auth-pending-table>

Usage

```
<auth-pending-table-details>
  <auth-pending-table>
    <auth-pending-entry>....</auth-pending-entry>
  </auth-pending-table>
</auth-pending-table-details>
```

Description

<auth-pending-table-details>

Usage

```
<auth-pending-table-details>
  <auth-pending-table-info>....</auth-pending-table-info>
  <auth-pending-table>....</auth-pending-table>
</auth-pending-table-details>
```

Description Information about pending authentication requests

<auth-pending-table-info>

Usage

```
<auth-pending-table-details>
  <auth-pending-table-info>
    <auth-pending-total-entries>
      auth-pending-total-entries
    </auth-pending-total-entries>
  </auth-pending-table-info>
</auth-pending-table-details>
```

Description

<auth-statistics>

Usage

```
<auth-statistics>
  <total-statistics>....</total-statistics>
  <radius-auth-statistics>....</radius-auth-statistics>
  <ldap-auth-statistics>....</ldap-auth-statistics>
  <securid-auth-statistics>....</securid-auth-statistics>
  <local-auth-statistics>....</local-auth-statistics>
</auth-statistics>
```

Description Authentication statistics

<authd-memory-pool-information>

Usage

```
<authd-memory-pool-information>
```

```
<memory-pool-name>
  memory-pool-name
</memory-pool-name>
<node-size>
  node-size
</node-size>
<pool-size>
  pool-size
</pool-size>
<total-allocation>
  total-allocation
</total-allocation>
<largest-allocation>
  largest-allocation
</largest-allocation>
<current-allocation>
  current-allocation
</current-allocation>
<number-of-grows>
  number-of-grows
</number-of-grows>
<number-of-fails>
  number-of-fails
</number-of-fails>
<number-of-oversize-allocations>
  number-of-oversize-allocations
</number-of-oversize-allocations>
</authd-memory-pool-information>
```

Description Memory pool information for authd

<domain-map-statistics>

Usage

```
<domain-map-statistics>
  <matched-domains>
    matched-domains
  </matched-domains>
  <unmatched-domains>
    unmatched-domains
  </unmatched-domains>
  <missing-domains>
    missing-domains
  </missing-domains>
  <stripped-username>
    stripped-username
  </stripped-username>
  <default-used>
    default-used
  </default-used>
</domain-map-statistics>
```

Description Domain maps related statistics

<gx-plus-downstream-stats-data>

Usage

```

<gx-plus-downstream-stats-data>
  <gx-plus-downstream-category>
    gx-plus-downstream-category
  </gx-plus-downstream-category>
  <gx-plus-downstream-counter-name>
    gx-plus-downstream-counter-name
  </gx-plus-downstream-counter-name>
  <gx-plus-downstream-counter-value>
    gx-plus-downstream-counter-value
  </gx-plus-downstream-counter-value>
</gx-plus-downstream-stats-data>

```

Description Gx-plus downstream stats data

<gx-plus-downstream-stats-data>

Usage

```

<gx-plus-statistics-information>
  <gx-plus-downstream-stats-table>
    <gx-plus-downstream-stats-data>
      <gx-plus-downstream-category>
        gx-plus-downstream-category
      </gx-plus-downstream-category>
      <gx-plus-downstream-counter-name>
        gx-plus-downstream-counter-name
      </gx-plus-downstream-counter-name>
      <gx-plus-downstream-counter-value>
        gx-plus-downstream-counter-value
      </gx-plus-downstream-counter-value>
    </gx-plus-downstream-stats-data>
  </gx-plus-downstream-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus downstream stats data

<gx-plus-downstream-stats-table>

Usage

```

<gx-plus-statistics-information>
  <gx-plus-downstream-stats-table>
    <gx-plus-downstream-stats-data>....</gx-plus-downstream-stats-data>
  </gx-plus-downstream-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus downstream stats-table

<gx-plus-state-information>

Usage

```
<gx-plus-state-information>
  <gx-plus-engine-state>
    gx-plus-engine-state
  </gx-plus-engine-state>
  <gx-plus-config-state>
    gx-plus-config-state
  </gx-plus-config-state>
  <gx-plus-active-config-state>
    gx-plus-active-config-state
  </gx-plus-active-config-state>
  <gx-plus-diameter-config-state>
    gx-plus-diameter-config-state
  </gx-plus-diameter-config-state>
  <gx-plus-total-prov-count>
    gx-plus-total-prov-count
  </gx-plus-total-prov-count>
  <gx-plus-pending-prov-count>
    gx-plus-pending-prov-count
  </gx-plus-pending-prov-count>
  <gx-plus-pending-logout-count>
    gx-plus-pending-logout-count
  </gx-plus-pending-logout-count>
</gx-plus-state-information>
```

Description Gx-plus state information

<gx-plus-statistics-data>

Usage

```
<gx-plus-statistics-data>
  <gx-plus-counter-name>
    gx-plus-counter-name
  </gx-plus-counter-name>
  <gx-plus-counter-value>
    gx-plus-counter-value
  </gx-plus-counter-value>
</gx-plus-statistics-data>
```

Description Gx-plus statistics data

<gx-plus-statistics-data>

Usage

```
<gx-plus-statistics-information>
  <gx-plus-statistics-table>
    <gx-plus-statistics-data>
      <gx-plus-counter-name>
        gx-plus-counter-name
      </gx-plus-counter-name>
```

```

    <gx-plus-counter-value>
      gx-plus-counter-value
    </gx-plus-counter-value>
  </gx-plus-statistics-data>
</gx-plus-statistics-table>
</gx-plus-statistics-information>

```

Description Gx-plus statistics data

<gx-plus-statistics-information>

Usage

```

<gx-plus-statistics-information>
  <gx-plus-statistics-table>....</gx-plus-statistics-table>
  <gx-plus-sync-event-stats-table>....</gx-plus-sync-event-stats-table>
  <gx-plus-sync-event-de-stats-table>....</gx-plus-sync-event-de-stats-table>
  <gx-plus-upstream-stats-table>....</gx-plus-upstream-stats-table>
  <gx-plus-upstream-de-stats-table>....</gx-plus-upstream-de-stats-table>
  <gx-plus-downstream-stats-table>....</gx-plus-downstream-stats-table>
  <gx-plus-statistics-no-counters>
    gx-plus-statistics-no-counters
  </gx-plus-statistics-no-counters>
  <gx-plus-statistics-message>....</gx-plus-statistics-message>
</gx-plus-statistics-information>

```

Description Gx-plus statistics information

<gx-plus-statistics-message>

Usage

```

<gx-plus-statistics-information>
  <gx-plus-statistics-message>
</gx-plus-statistics-message>
</gx-plus-statistics-information>

```

Description

<gx-plus-statistics-table>

Usage

```

<gx-plus-statistics-information>
  <gx-plus-statistics-table>
    <gx-plus-statistics-data>....</gx-plus-statistics-data>
  </gx-plus-statistics-table>
</gx-plus-statistics-information>

```

Description Gx-plus statistics table

<gx-plus-sync-event-de-stats-data>

Usage

```
<gx-plus-sync-event-de-stats-data>
  <gx-plus-sync-event-de>
    gx-plus-sync-event-de
  </gx-plus-sync-event-de>
  <gx-plus-sync-event-de-counter-name>
    gx-plus-sync-event-de-counter-name
  </gx-plus-sync-event-de-counter-name>
  <gx-plus-sync-event-de-counter-value>
    gx-plus-sync-event-de-counter-value
  </gx-plus-sync-event-de-counter-value>
</gx-plus-sync-event-de-stats-data>
```

Description Gx-plus sync-event diameter event stats data

<gx-plus-sync-event-de-stats-data>

Usage

```
<gx-plus-statistics-information>
  <gx-plus-sync-event-de-stats-table>
    <gx-plus-sync-event-de-stats-data>
      <gx-plus-sync-event-de>
        gx-plus-sync-event-de
      </gx-plus-sync-event-de>
      <gx-plus-sync-event-de-counter-name>
        gx-plus-sync-event-de-counter-name
      </gx-plus-sync-event-de-counter-name>
      <gx-plus-sync-event-de-counter-value>
        gx-plus-sync-event-de-counter-value
      </gx-plus-sync-event-de-counter-value>
    </gx-plus-sync-event-de-stats-data>
  </gx-plus-sync-event-de-stats-table>
</gx-plus-statistics-information>
```

Description Gx-plus sync-event diameter event stats data

<gx-plus-sync-event-de-stats-table>

Usage

```
<gx-plus-statistics-information>
  <gx-plus-sync-event-de-stats-table>
    <gx-plus-sync-event-de-stats-data>....</gx-plus-sync-event-de-stats-data>
  </gx-plus-sync-event-de-stats-table>
</gx-plus-statistics-information>
```

Description Gx-plus syn-even diameter events stats table

<gx-plus-sync-event-stats-data>**Usage**

```

<gx-plus-sync-event-stats-data>
  <gx-plus-sync-event>
    gx-plus-sync-event
  </gx-plus-sync-event>
  <gx-plus-sync-event-counter-name>
    gx-plus-sync-event-counter-name
  </gx-plus-sync-event-counter-name>
  <gx-plus-sync-event-counter-value>
    gx-plus-sync-event-counter-value
  </gx-plus-sync-event-counter-value>
</gx-plus-sync-event-stats-data>

```

Description Gx-plus sync-event stats data

<gx-plus-sync-event-stats-data>**Usage**

```

<gx-plus-statistics-information>
  <gx-plus-sync-event-stats-table>
    <gx-plus-sync-event-stats-data>
      <gx-plus-sync-event>
        gx-plus-sync-event
      </gx-plus-sync-event>
      <gx-plus-sync-event-counter-name>
        gx-plus-sync-event-counter-name
      </gx-plus-sync-event-counter-name>
      <gx-plus-sync-event-counter-value>
        gx-plus-sync-event-counter-value
      </gx-plus-sync-event-counter-value>
    </gx-plus-sync-event-stats-data>
  </gx-plus-sync-event-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus sync-event stats data

<gx-plus-sync-event-stats-table>**Usage**

```

<gx-plus-statistics-information>
  <gx-plus-sync-event-stats-table>
    <gx-plus-sync-event-stats-data>....</gx-plus-sync-event-stats-data>
  </gx-plus-sync-event-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus sync-event stats table

<gx-plus-sync-state-data>

Usage

```
<gx-plus-sync-state-data>
  <gx-plus-sync-event-name>
    gx-plus-sync-event-name
  </gx-plus-sync-event-name>
  <gx-plus-sync-event-timeout>
    gx-plus-sync-event-timeout
  </gx-plus-sync-event-timeout>
</gx-plus-sync-state-data>
```

Description Gx-plus sync state data

<gx-plus-sync-state-data>

Usage

```
<gx-plus-sync-state-information>
  <gx-plus-sync-state-data>
    <gx-plus-sync-event-name>
      gx-plus-sync-event-name
    </gx-plus-sync-event-name>
    <gx-plus-sync-event-timeout>
      gx-plus-sync-event-timeout
    </gx-plus-sync-event-timeout>
  </gx-plus-sync-state-data>
</gx-plus-sync-state-information>
```

Description Gx-plus sync state data

<gx-plus-sync-state-information>

Usage

```
<gx-plus-sync-state-information>
  <gx-plus-sync-state-data>....</gx-plus-sync-state-data>
  <gx-plus-sync-state-no-events>
    gx-plus-sync-state-no-events
  </gx-plus-sync-state-no-events>
  <gx-plus-sync-state-message>....</gx-plus-sync-state-message>
</gx-plus-sync-state-information>
```

Description Gx-plus sync state information

<gx-plus-sync-state-message>

Usage

```
<gx-plus-sync-state-information>
  <gx-plus-sync-state-message>
  </gx-plus-sync-state-message>
</gx-plus-sync-state-information>
```


Description**<gx-plus-upstream-de-stats-data>****Usage**

```

<gx-plus-upstream-de-stats-data>
  <gx-plus-upstream-de-category>
    gx-plus-upstream-de-category
  </gx-plus-upstream-de-category>
  <gx-plus-upstream-de-counter-name>
    gx-plus-upstream-de-counter-name
  </gx-plus-upstream-de-counter-name>
  <gx-plus-upstream-de-counter-value>
    gx-plus-upstream-de-counter-value
  </gx-plus-upstream-de-counter-value>
</gx-plus-upstream-de-stats-data>

```

Description Gx-plus upstream diameter event stats data

<gx-plus-upstream-de-stats-data>**Usage**

```

<gx-plus-statistics-information>
  <gx-plus-upstream-de-stats-table>
    <gx-plus-upstream-de-stats-data>
      <gx-plus-upstream-de-category>
        gx-plus-upstream-de-category
      </gx-plus-upstream-de-category>
      <gx-plus-upstream-de-counter-name>
        gx-plus-upstream-de-counter-name
      </gx-plus-upstream-de-counter-name>
      <gx-plus-upstream-de-counter-value>
        gx-plus-upstream-de-counter-value
      </gx-plus-upstream-de-counter-value>
    </gx-plus-upstream-de-stats-data>
  </gx-plus-upstream-de-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus upstream diameter event stats data

<gx-plus-upstream-de-stats-table>**Usage**

```

<gx-plus-statistics-information>
  <gx-plus-upstream-de-stats-table>
    <gx-plus-upstream-de-stats-data>....</gx-plus-upstream-de-stats-data>
  </gx-plus-upstream-de-stats-table>
</gx-plus-statistics-information>

```

Description Gx-plus upstream diameter events stats table

<gx-plus-upstream-stats-data>

Usage

```
<gx-plus-upstream-stats-data>
  <gx-plus-upstream-category>
    gx-plus-upstream-category
  </gx-plus-upstream-category>
  <gx-plus-upstream-counter-name>
    gx-plus-upstream-counter-name
  </gx-plus-upstream-counter-name>
  <gx-plus-upstream-counter-value>
    gx-plus-upstream-counter-value
  </gx-plus-upstream-counter-value>
</gx-plus-upstream-stats-data>
```

Description Gx-plus upstream stats data

<gx-plus-upstream-stats-data>

Usage

```
<gx-plus-statistics-information>
  <gx-plus-upstream-stats-table>
    <gx-plus-upstream-stats-data>
      <gx-plus-upstream-category>
        gx-plus-upstream-category
      </gx-plus-upstream-category>
      <gx-plus-upstream-counter-name>
        gx-plus-upstream-counter-name
      </gx-plus-upstream-counter-name>
      <gx-plus-upstream-counter-value>
        gx-plus-upstream-counter-value
      </gx-plus-upstream-counter-value>
    </gx-plus-upstream-stats-data>
  </gx-plus-upstream-stats-table>
</gx-plus-statistics-information>
```

Description Gx-plus upstream stats data

<gx-plus-upstream-stats-table>

Usage

```
<gx-plus-statistics-information>
  <gx-plus-upstream-stats-table>
    <gx-plus-upstream-stats-data>....</gx-plus-upstream-stats-data>
  </gx-plus-upstream-stats-table>
</gx-plus-statistics-information>
```

Description Gx-plus upstream stats table

<ldap-auth-statistics>

Usage

```
<auth-statistics>
  <ldap-auth-statistics>
    <total-requests>
      total-requests
    </total-requests>
    <success-responses>
      success-responses
    </success-responses>
    <failure-responses>
      failure-responses
    </failure-responses>
  </ldap-auth-statistics>
</auth-statistics>
```

Description

<local-auth-statistics>

Usage

```
<auth-statistics>
  <local-auth-statistics>
    <total-requests>
      total-requests
    </total-requests>
    <success-responses>
      success-responses
    </success-responses>
    <failure-responses>
      failure-responses
    </failure-responses>
  </local-auth-statistics>
</auth-statistics>
```

Description

<node-secret-file-table>

Usage

```
<node-secret-file-table>
  <node-secret-file-table-entry>....</node-secret-file-table-entry>
</node-secret-file-table>
```

Description Information about SecurID authentication node secret files

<node-secret-file-table-entry>

Usage

```
<node-secret-file-table>
  <node-secret-file-table-entry>
```

```
<server-name>
  server-name
</server-name>
<node-secret-file>
  node-secret-file
</node-secret-file>
</node-secret-file-table-entry>
</node-secret-file-table>
```

Description

<radius-auth-statistics>

Usage

```
<auth-statistics>
  <radius-auth-statistics>
    <total-requests>
      total-requests
    </total-requests>
    <success-responses>
      success-responses
    </success-responses>
    <failure-responses>
      failure-responses
    </failure-responses>
  </radius-auth-statistics>
</auth-statistics>
```

Description

<securid-auth-statistics>

Usage

```
<auth-statistics>
  <securid-auth-statistics>
    <total-requests>
      total-requests
    </total-requests>
    <success-responses>
      success-responses
    </success-responses>
    <failure-responses>
      failure-responses
    </failure-responses>
  </securid-auth-statistics>
</auth-statistics>
```

Description

<total-statistics>

Usage

```
<auth-statistics>
  <total-statistics>
```

```

<total-requests>
  total-requests
</total-requests>
<total-responses>
  total-responses
</total-responses>
</total-statistics>
</auth-statistics>

```

Description

Summary of Bidirectional Forwarding Direction Response Tags

<bfd-client>

Usage

```

<bfd-session>
  <bfd-client>
    <client-name>
      client-name
    </client-name>
    <client-transmission-interval>
      client-transmission-interval
    </client-transmission-interval>
    <client-reception-interval>
      client-reception-interval
    </client-reception-interval>
    <client-multiplier>
      client-multiplier
    </client-multiplier>
    <client-holddown-interval>
      client-holddown-interval
    </client-holddown-interval>
    <client-state>
      client-state
    </client-state>
    <client-authentication>
      client-authentication
    </client-authentication>
    <client-keychain>
      client-keychain
    </client-keychain>
    <client-algorithm>
      client-algorithm
    </client-algorithm>
    <client-authentication-loose>
      client-authentication-loose
    </client-authentication-loose>
  </bfd-client>
</bfd-session>

```

Description Information about the clients

<bfd-client>

Usage

```
<bfd-session-information>
  <bfd-session>
    <bfd-client>
      <client-name>
        client-name
      </client-name>
      <client-transmission-interval>
        client-transmission-interval
      </client-transmission-interval>
      <client-reception-interval>
        client-reception-interval
      </client-reception-interval>
      <client-multiplier>
        client-multiplier
      </client-multiplier>
      <client-holddown-interval>
        client-holddown-interval
      </client-holddown-interval>
      <client-state>
        client-state
      </client-state>
      <client-authentication>
        client-authentication
      </client-authentication>
      <client-keychain>
        client-keychain
      </client-keychain>
      <client-algorithm>
        client-algorithm
      </client-algorithm>
      <client-authentication-loose>
        client-authentication-loose
      </client-authentication-loose>
    </bfd-client>
  </bfd-session>
</bfd-session-information>
```

Description Information about the clients

<bfd-replication>

Usage

```
<bfd-replication>
  <bfd-replication-session-entry>....</bfd-replication-session-entry>
</bfd-replication>
```

Description Information about bidirectional forwarding detection replication state

<bfd-replication-session-entry>**Usage**

```

<bfd-replication>
  <bfd-replication-session-entry>
    <session-neighbor>
      session-neighbor
    </session-neighbor>
    <session-interface>
      session-interface
    </session-interface>
    <local-discriminator>
      local-discriminator
    </local-discriminator>
    <replication-state>
      replication-state
    </replication-state>
  </bfd-replication-session-entry>
</bfd-replication>

```

Description**<bfd-session>****Usage**

```

<bfd-session>
  <session-state>
    session-state
  </session-state>
  <session-interface>
    session-interface
  </session-interface>
  <session-neighbor>
    session-neighbor
  </session-neighbor>
  <session-detection-time>
    session-detection-time
  </session-detection-time>
  <session-transmission-interval>
    session-transmission-interval
  </session-transmission-interval>
  <session-adaptive-multiplier>
    session-adaptive-multiplier
  </session-adaptive-multiplier>
  <bfd-client>.....</bfd-client>
  <session-up-time>
    session-up-time
  </session-up-time>
  <previous-up-time>
    previous-up-time
  </previous-up-time>
  <session-down-time>
    session-down-time
  </session-down-time>
  <previous-down-time>

```

```
    previous-down-time
  </previous-down-time>
  <local-diagnostic>
    local-diagnostic
  </local-diagnostic>
  <remote-diagnostic>
    remote-diagnostic
  </remote-diagnostic>
  <remote-state>
    remote-state
  </remote-state>
  <v0-remote-state>
    v0-remote-state
  </v0-remote-state>
  <remote-listen>
    remote-listen
  </remote-listen>
  <session-version>
    session-version
  </session-version>
  <logical-system-id>
    logical-system-id
  </logical-system-id>
  <route-table-index>
    route-table-index
  </route-table-index>
  <minimum-asynchronous-interval>
    minimum-asynchronous-interval
  </minimum-asynchronous-interval>
  <minimum-slow-interval>
    minimum-slow-interval
  </minimum-slow-interval>
  <adaptive-asynchronous-transmission-interval>
    adaptive-asynchronous-transmission-interval
  </adaptive-asynchronous-transmission-interval>
  <adaptive-reception-interval>
    adaptive-reception-interval
  </adaptive-reception-interval>
  <minimum-transmission-interval>
    minimum-transmission-interval
  </minimum-transmission-interval>
  <threshold-transmission-interval>
    threshold-transmission-interval
  </threshold-transmission-interval>
  <minimum-reception-interval>
    minimum-reception-interval
  </minimum-reception-interval>
  <detection-multiplier>
    detection-multiplier
  </detection-multiplier>
  <threshold-detection-time>
    threshold-detection-time
  </threshold-detection-time>
  <neighbor-minimum-transmission-interval>
    neighbor-minimum-transmission-interval
  </neighbor-minimum-transmission-interval>
```



```
<neighbor-minimum-reception-interval>
  neighbor-minimum-reception-interval
</neighbor-minimum-reception-interval>
<neighbor-session-multiplier>
  neighbor-session-multiplier
</neighbor-session-multiplier>
<issu-state>
  issu-state
</issu-state>
<original-transmission-interval>
  original-transmission-interval
</original-transmission-interval>
<original-reception-interval>
  original-reception-interval
</original-reception-interval>
<local-discriminator>
  local-discriminator
</local-discriminator>
<remote-discriminator>
  remote-discriminator
</remote-discriminator>
<echo-mode-desired>
  echo-mode-desired
</echo-mode-desired>
<echo-mode-state>
  echo-mode-state
</echo-mode-state>
<no-absorb>
  no-absorb
</no-absorb>
<no-refresh>
  no-refresh
</no-refresh>
<update-adjacency>
  update-adjacency
</update-adjacency>
<update-transmit>
  update-transmit
</update-transmit>
<neighbor-fate>
  neighbor-fate
</neighbor-fate>
<replicated>
  replicated
</replicated>
<holddown-timer>
  holddown-timer
</holddown-timer>
<adaptation-disabled>
  adaptation-disabled
</adaptation-disabled>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
```

```
</l2vpn-remote-site-id>
<l2ckt-neighbor-address>
  l2ckt-neighbor-address
</l2ckt-neighbor-address>
<l2ckt-vc-id>
  l2ckt-vc-id
</l2ckt-vc-id>
<tunnel-name>
  tunnel-name
</tunnel-name>
<tunnel-path>
  tunnel-path
</tunnel-path>
<tunnel-prefix>
  tunnel-prefix
</tunnel-prefix>
<tunnel-prefix-length>
  tunnel-prefix-length
</tunnel-prefix-length>
<tunnel-type>
  tunnel-type
</tunnel-type>
<tunnel-destination>
  tunnel-destination
</tunnel-destination>
<multihop-time-to-live>
  multihop-time-to-live
</multihop-time-to-live>
<multihop>
  multihop
</multihop>
<multihop-routing-table-index>
  multihop-routing-table-index
</multihop-routing-table-index>
<multihop-local-address>
  multihop-local-address
</multihop-local-address>
<authentication>
  authentication
</authentication>
<session-keychain>
  session-keychain
</session-keychain>
<session-algorithm>
  session-algorithm
</session-algorithm>
<session-authentication-loose>
  session-authentication-loose
</session-authentication-loose>
</bfd-session>
```

Description Information about bidirectional forwarding detection session

<bfd-session>**Usage**

```

<bfd-session-information>
  <bfd-session>
    <session-state>
      session-state
    </session-state>
    <session-interface>
      session-interface
    </session-interface>
    <session-neighbor>
      session-neighbor
    </session-neighbor>
    <session-detection-time>
      session-detection-time
    </session-detection-time>
    <session-transmission-interval>
      session-transmission-interval
    </session-transmission-interval>
    <session-adaptive-multiplier>
      session-adaptive-multiplier
    </session-adaptive-multiplier>
    <bfd-client>....</bfd-client>
    <session-up-time>
      session-up-time
    </session-up-time>
    <previous-up-time>
      previous-up-time
    </previous-up-time>
    <session-down-time>
      session-down-time
    </session-down-time>
    <previous-down-time>
      previous-down-time
    </previous-down-time>
    <local-diagnostic>
      local-diagnostic
    </local-diagnostic>
    <remote-diagnostic>
      remote-diagnostic
    </remote-diagnostic>
    <remote-state>
      remote-state
    </remote-state>
    <v0-remote-state>
      v0-remote-state
    </v0-remote-state>
    <remote-listen>
      remote-listen
    </remote-listen>
    <session-version>
      session-version
    </session-version>
    <logical-system-id>

```

```
    logical-system-id
  </logical-system-id>
  <route-table-index>
    route-table-index
  </route-table-index>
  <minimum-asynchronous-interval>
    minimum-asynchronous-interval
  </minimum-asynchronous-interval>
  <minimum-slow-interval>
    minimum-slow-interval
  </minimum-slow-interval>
  <adaptive-asynchronous-transmission-interval>
    adaptive-asynchronous-transmission-interval
  </adaptive-asynchronous-transmission-interval>
  <adaptive-reception-interval>
    adaptive-reception-interval
  </adaptive-reception-interval>
  <minimum-transmission-interval>
    minimum-transmission-interval
  </minimum-transmission-interval>
  <threshold-transmission-interval>
    threshold-transmission-interval
  </threshold-transmission-interval>
  <minimum-reception-interval>
    minimum-reception-interval
  </minimum-reception-interval>
  <detection-multiplier>
    detection-multiplier
  </detection-multiplier>
  <threshold-detection-time>
    threshold-detection-time
  </threshold-detection-time>
  <neighbor-minimum-transmission-interval>
    neighbor-minimum-transmission-interval
  </neighbor-minimum-transmission-interval>
  <neighbor-minimum-reception-interval>
    neighbor-minimum-reception-interval
  </neighbor-minimum-reception-interval>
  <neighbor-session-multiplier>
    neighbor-session-multiplier
  </neighbor-session-multiplier>
  <issu-state>
    issu-state
  </issu-state>
  <original-transmission-interval>
    original-transmission-interval
  </original-transmission-interval>
  <original-reception-interval>
    original-reception-interval
  </original-reception-interval>
  <local-discriminator>
    local-discriminator
  </local-discriminator>
  <remote-discriminator>
    remote-discriminator
  </remote-discriminator>
```

```
<echo-mode-desired>
  echo-mode-desired
</echo-mode-desired>
<echo-mode-state>
  echo-mode-state
</echo-mode-state>
<no-absorb>
  no-absorb
</no-absorb>
<no-refresh>
  no-refresh
</no-refresh>
<update-adjacency>
  update-adjacency
</update-adjacency>
<update-transmit>
  update-transmit
</update-transmit>
<neighbor-fate>
  neighbor-fate
</neighbor-fate>
<replicated>
  replicated
</replicated>
<holddown-timer>
  holddown-timer
</holddown-timer>
<adaptation-disabled>
  adaptation-disabled
</adaptation-disabled>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<l2ckt-neighbor-address>
  l2ckt-neighbor-address
</l2ckt-neighbor-address>
<l2ckt-vc-id>
  l2ckt-vc-id
</l2ckt-vc-id>
<tunnel-name>
  tunnel-name
</tunnel-name>
<tunnel-path>
  tunnel-path
</tunnel-path>
<tunnel-prefix>
  tunnel-prefix
</tunnel-prefix>
<tunnel-prefix-length>
  tunnel-prefix-length
</tunnel-prefix-length>
<tunnel-type>
  tunnel-type
```

```
</tunnel-type>
<tunnel-destination>
  tunnel-destination
</tunnel-destination>
<multihop-time-to-live>
  multihop-time-to-live
</multihop-time-to-live>
<multihop>
  multihop
</multihop>
<multihop-routing-table-index>
  multihop-routing-table-index
</multihop-routing-table-index>
<multihop-local-address>
  multihop-local-address
</multihop-local-address>
<authentication>
  authentication
</authentication>
<session-keychain>
  session-keychain
</session-keychain>
<session-algorithm>
  session-algorithm
</session-algorithm>
<session-authentication-loose>
  session-authentication-loose
</session-authentication-loose>
</bfd-session>
</bfd-session-information>
```

Description Information about bidirectional forwarding detection session

<bfd-session-information>

Usage

```
<bfd-session-information>
<bfd-session>.....</bfd-session>
<sessions>
  sessions
</sessions>
<clients>
  clients
</clients>
<cumulative-transmission-rate>
  cumulative-transmission-rate
</cumulative-transmission-rate>
<cumulative-reception-rate>
  cumulative-reception-rate
</cumulative-reception-rate>
<error-value>
  error-value
</error-value>
```

</bfd-session-information>

Description

Summary of Clock Synchronization Response Tags

<clock-synchronization>

Usage

```
<clock-synchronization>
  <clock-status>
    clock-status
  </clock-status>
  <clock-lock-information>
    clock-lock-information
  </clock-lock-information>
  <clock-ineligible-reason>
    clock-ineligible-reason
  </clock-ineligible-reason>
  <clock-synchronization-source> ....</clock-synchronization-source>
</clock-synchronization>
```

Description Clock synchronization

<clock-synchronization-cpld-information>

Usage

```
<clock-synchronization-cpld-information>
  <cpld-primary-mic>
    cpld-primary-mic
  </cpld-primary-mic>
  <cpld-secondary-mic>
    cpld-secondary-mic
  </cpld-secondary-mic>
</clock-synchronization-cpld-information>
```

Description

<clock-synchronization-esmc-transmit>

Usage

```
<clock-synchronization-esmc-transmit>
  <esmc-transmit-interface-name>
    esmc-transmit-interface-name
  </esmc-transmit-interface-name>
  <esmc-transmit-interface-status>
    esmc-transmit-interface-status
  </esmc-transmit-interface-status>
</clock-synchronization-esmc-transmit>
```

Description ESMC Transmit interface details:

<clock-synchronization-esmc-transmit>

Usage

```
<clock-synchronization-esmc-transmit-information>
  <clock-synchronization-esmc-transmit>
    <esmc-transmit-interface-name>
      esmc-transmit-interface-name
    </esmc-transmit-interface-name>
    <esmc-transmit-interface-status>
      esmc-transmit-interface-status
    </esmc-transmit-interface-status>
  </clock-synchronization-esmc-transmit>
</clock-synchronization-esmc-transmit-information>
```

Description ESMC Transmit interface details:

<clock-synchronization-esmc-transmit-information>

Usage

```
<clock-synchronization-esmc-transmit-information>
  <clock-synchronization-esmc-transmit>....</clock-synchronization-esmc-transmit>

</clock-synchronization-esmc-transmit-information>
```

Description Synchronous ethernet ESMC

<clock-synchronization-fpga-information>

Usage

```
<clock-synchronization-fpga-information>
  <acbc-primary-slot>
    acbc-primary-slot
  </acbc-primary-slot>
  <acbc-secondary-slot>
    acbc-secondary-slot
  </acbc-secondary-slot>
</clock-synchronization-fpga-information>
```

Description

<clock-synchronization-gencfg>

Usage

```
<clock-synchronization-gencfg>
  <primary-index>
    primary-index
  </primary-index>
  <secondary-index>
    secondary-index
  </secondary-index>
  <primary-type>
    primary-type
```



```

</primary-type>
<secondary-type>
  secondary-type
</secondary-type>
<primary-quality-level>
  primary-quality-level
</primary-quality-level>
<secondary-quality-level>
  secondary-quality-level
</secondary-quality-level>
<primary-state>
  primary-state
</primary-state>
<secondary-state>
  secondary-state
</secondary-state>
<clock-flags>
  clock-flags
</clock-flags>
</clock-synchronization-gencfg>

```

Description Global gencfg

<clock-synchronization-global-information>

Usage

```

<clock-synchronization-global-information>
  <network-option>
    network-option
  </network-option>
  <clock-mode>
    clock-mode
  </clock-mode>
  <quality-mode>
    quality-mode
  </quality-mode>
  <switchover-mode>
    switchover-mode
  </switchover-mode>
  <change-hold-interval>
    change-hold-interval
  </change-hold-interval>
  <switchover-hold-interval>
    switchover-hold-interval
  </switchover-hold-interval>
  <reboot-hold-interval>
    reboot-hold-interval
  </reboot-hold-interval>
  <master-status>
    master-status
  </master-status>
  <agentsmith-dpc-bitmap>
    agentsmith-dpc-bitmap
  </agentsmith-dpc-bitmap>

```

```
<zarlink-support-dpc-bitmap>
  zarlink-support-dpc-bitmap
</zarlink-support-dpc-bitmap>
<fpga-support-synchronous-ethernet>
  fpga-support-synchronous-ethernet
</fpga-support-synchronous-ethernet>
</clock-synchronization-global-information>
```

Description Global configuration

<clock-synchronization-interface-statistics>

Usage

```
<clock-synchronization-statistics>
<clock-synchronization-interface-statistics>
  <clock-synchronization-interface-name>
    clock-synchronization-interface-name
  </clock-synchronization-interface-name>
  <interface-receive-esmc-count>
    interface-receive-esmc-count
  </interface-receive-esmc-count>
  <interface-transmit-esmc-count>
    interface-transmit-esmc-count
  </interface-transmit-esmc-count>
  <interface-receive-esmc-drop-count>
    interface-receive-esmc-drop-count
  </interface-receive-esmc-drop-count>
  <interface-esmc-ineligible-drop-count>
    interface-esmc-ineligible-drop-count
  </interface-esmc-ineligible-drop-count>
  <interface-adjacency-create-count>
    interface-adjacency-create-count
  </interface-adjacency-create-count>
</clock-synchronization-interface-statistics>
</clock-synchronization-statistics>
```

Description Interface statistics for clock synchronization

<clock-synchronization-ref-monitor>

Usage

```
<clock-synchronization-ref-monitor>
  <zarlink-fail-bitmap>
    zarlink-fail-bitmap
  </zarlink-fail-bitmap>
  <ack-reply-bitmap>
    ack-reply-bitmap
  </ack-reply-bitmap>
  <reference-must-mask>
    reference-must-mask
  </reference-must-mask>
  <current-event-context>
    current-event-context
```

```

</current-event-context>
<current-sequence-number>
  current-sequence-number
</current-sequence-number>
<current-reference-index>
  current-reference-index
</current-reference-index>
<next-function>
  next-function
</next-function>
</clock-synchronization-ref-monitor>

```

Description

<clock-synchronization-source>

Usage

```

<clock-synchronization-source>
  <source-priority>
    source-priority
  </source-priority>
  <source-quality-level>
    source-quality-level
  </source-quality-level>
  <esmc-quality-level>
    esmc-quality-level
  </esmc-quality-level>
  <source-interface-name>
    source-interface-name
  </source-interface-name>
  <source-interface-status>
    source-interface-status
  </source-interface-status>
  <source-interface-index>
    source-interface-index
  </source-interface-index>
  <clock-state>
    clock-state
  </clock-state>
  <interface-configuration-flags>
    interface-configuration-flags
  </interface-configuration-flags>
  <interface-flags>
    interface-flags
  </interface-flags>
  <source-clock-type>
    source-clock-type
  </source-clock-type>
  <source-clock-event>
    source-clock-event
  </source-clock-event>
  <interface-ineligible-reason>
    interface-ineligible-reason
  </interface-ineligible-reason>
  <clock-failure-reason>

```

```
clock-failure-reason
</clock-failure-reason>
<interface-hold-interval-expiry>
  interface-hold-interval-expiry
</interface-hold-interval-expiry>
</clock-synchronization-source>
```

Description SyncE source interface details:

<clock-synchronization-source>

Usage

```
<clock-synchronization>
<clock-synchronization-source>
  <source-priority>
    source-priority
  </source-priority>
  <source-quality-level>
    source-quality-level
  </source-quality-level>
  <esmc-quality-level>
    esmc-quality-level
  </esmc-quality-level>
  <source-interface-name>
    source-interface-name
  </source-interface-name>
  <source-interface-status>
    source-interface-status
  </source-interface-status>
  <source-interface-index>
    source-interface-index
  </source-interface-index>
  <clock-state>
    clock-state
  </clock-state>
  <interface-configuration-flags>
    interface-configuration-flags
  </interface-configuration-flags>
  <interface-flags>
    interface-flags
  </interface-flags>
  <source-clock-type>
    source-clock-type
  </source-clock-type>
  <source-clock-event>
    source-clock-event
  </source-clock-event>
  <interface-ineligible-reason>
    interface-ineligible-reason
  </interface-ineligible-reason>
  <clock-failure-reason>
    clock-failure-reason
  </clock-failure-reason>
  <interface-hold-interval-expiry>
```

```
        interface-hold-interval-expiry
      </interface-hold-interval-expiry>
    </clock-synchronization-source>
  </clock-synchronization>
```

Description SyncE source interface details:

<clock-synchronization-statistics>

Usage

```
<clock-synchronization-statistics>

  <clock-synchronization-interface-statistics>....</clock-synchronization-interface-statistics>

</clock-synchronization-statistics>
```

Description Statistics about the clock synchronization

<clock-synchronization-zarlink>

Usage

```
<clock-synchronization-zarlink>
</clock-synchronization-zarlink>
```

Description

Summary of Class-of-Service Response Tags

<adaptive-shaper>

Usage

```
<adaptive-shaper>
  <adaptive-shaper-name>
    adaptive-shaper-name
  </adaptive-shaper-name>
  <table-index>
    table-index
  </table-index>
  <trigger-item>....</trigger-item>
</adaptive-shaper>
```

Description Class-of-service adaptive shaper

<adaptive-shaper>

Usage

```
<cos-adaptive-shaper-information>
  <adaptive-shaper>
    <adaptive-shaper-name>
      adaptive-shaper-name
```

```
</adaptive-shaper-name>
<table-index>
  table-index
</table-index>
<trigger-item>....</trigger-item>
</adaptive-shaper>
</cos-adaptive-shaper-information>
```

Description Class-of-service adaptive shaper

<alias-map>

Usage

```
<code-point-map>
<alias-map>
  <alias-map-item>....</alias-map-item>
</alias-map>
</code-point-map>
```

Description

<alias-map>

Usage

```
<cos-code-point-map-information>
<code-point-map>
  <alias-map>
    <alias-map-item>....</alias-map-item>
  </alias-map>
</code-point-map>
</cos-code-point-map-information>
```

Description

<alias-map>

Usage

```
<cos-information>
<cos-code-point-map-information>
  <code-point-map>
    <alias-map>
      <alias-map-item>....</alias-map-item>
    </alias-map>
  </code-point-map>
</cos-code-point-map-information>
</cos-information>
```

Description

<alias-map-item>**Usage**

```

<code-point-map>
  <alias-map>
    <alias-map-item>
      <code-point-bits>
        code-point-bits
      </code-point-bits>
      <code-point-alias>
        code-point-alias
      </code-point-alias>
    </alias-map-item>
  </alias-map>
</code-point-map>

```

Description**<alias-map-item>****Usage**

```

<cos-code-point-map-information>
  <code-point-map>
    <alias-map>
      <alias-map-item>
        <code-point-bits>
          code-point-bits
        </code-point-bits>
        <code-point-alias>
          code-point-alias
        </code-point-alias>
      </alias-map-item>
    </alias-map>
  </code-point-map>
</cos-code-point-map-information>

```

Description**<alias-map-item>****Usage**

```

<cos-information>
  <cos-code-point-map-information>
    <code-point-map>
      <alias-map>
        <alias-map-item>
          <code-point-bits>
            code-point-bits
          </code-point-bits>
          <code-point-alias>
            code-point-alias
          </code-point-alias>
        </alias-map-item>
      </alias-map>
    </code-point-map>
  </cos-code-point-map-information>
</cos-information>

```

```
</code-point-map>
</cos-code-point-map-information>
</cos-information>
```

Description

<channel>

Usage

```
<virtual-channel-group>
  <channel>
    <virtual-channel-name>
      virtual-channel-name
    </virtual-channel-name>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <channel-shaping-rate>
      channel-shaping-rate
    </channel-shaping-rate>
    <adjustment-shape-value>
      adjustment-shape-value
    </adjustment-shape-value>
  </channel>
</virtual-channel-group>
```

Description

<channel>

Usage

```
<cos-virtual-channel-group-information>
  <virtual-channel-group>
    <channel>
      <virtual-channel-name>
        virtual-channel-name
      </virtual-channel-name>
      <scheduler-map-name>
        scheduler-map-name
      </scheduler-map-name>
      <channel-shaping-rate>
        channel-shaping-rate
      </channel-shaping-rate>
      <adjustment-shape-value>
        adjustment-shape-value
      </adjustment-shape-value>
    </channel>
  </virtual-channel-group>
</cos-virtual-channel-group-information>
```

Description

<classifier>**Usage**

```

<classifier>
  <classifier-name>
    classifier-name
  </classifier-name>
  <code-point-type>
    code-point-type
  </code-point-type>
  <table-index>
    table-index
  </table-index>
  <classifier-map>....</classifier-map>
</classifier>

```

Description Class-of-service code point classifier

<classifier>**Usage**

```

<cos-classifier-information>
  <classifier>
    <classifier-name>
      classifier-name
    </classifier-name>
    <code-point-type>
      code-point-type
    </code-point-type>
    <table-index>
      table-index
    </table-index>
    <classifier-map>....</classifier-map>
  </classifier>
</cos-classifier-information>

```

Description Class-of-service code point classifier

<classifier>**Usage**

```

<cos-information>
  <cos-classifier-information>
    <classifier>
      <classifier-name>
        classifier-name
      </classifier-name>
      <code-point-type>
        code-point-type
      </code-point-type>
      <table-index>
        table-index
    </classifier>
  </cos-classifier-information>
</cos-information>

```

```
</table-index>
<classifier-map>....</classifier-map>
</classifier>
</cos-classifier-information>
</cos-information>
```

Description Class-of-service code point classifier

<classifier-map>

Usage

```
<classifier>
<classifier-map>
<classifier-map-item>....</classifier-map-item>
</classifier-map>
</classifier>
```

Description

<classifier-map>

Usage

```
<cos-classifier-information>
<classifier>
<classifier-map>
<classifier-map-item>....</classifier-map-item>
</classifier-map>
</classifier>
</cos-classifier-information>
```

Description

<classifier-map>

Usage

```
<cos-information>
<cos-classifier-information>
<classifier>
<classifier-map>
<classifier-map-item>....</classifier-map-item>
</classifier-map>
</classifier>
</cos-classifier-information>
</cos-information>
```

Description

<classifier-map-item>

Usage

```
<classifier>
<classifier-map>
```

```

<classifier-map-item>
  <code-point>
    code-point
  </code-point>
  <fc-name>
    fc-name
  </fc-name>
  <loss-priority>
    loss-priority
  </loss-priority>
  <cntag-present>
    cntag-present
  </cntag-present>
</classifier-map-item>
</classifier-map>
</classifier>

```

Description

<classifier-map-item>

Usage

```

<cos-classifier-information>
  <classifier>
    <classifier-map>
      <classifier-map-item>
        <code-point>
          code-point
        </code-point>
        <fc-name>
          fc-name
        </fc-name>
        <loss-priority>
          loss-priority
        </loss-priority>
        <cntag-present>
          cntag-present
        </cntag-present>
      </classifier-map-item>
    </classifier-map>
  </classifier>
</cos-classifier-information>

```

Description

<classifier-map-item>

Usage

```

<cos-information>
  <cos-classifier-information>
    <classifier>
      <classifier-map>
        <classifier-map-item>
          <code-point>

```

```
        code-point
      </code-point>
      <fc-name>
        fc-name
      </fc-name>
      <loss-priority>
        loss-priority
      </loss-priority>
      <cntag-present>
        cntag-present
      </cntag-present>
    </classifier-map-item>
  </classifier-map>
</classifier>
</cos-classifier-information>
</cos-information>
```

Description

<classifier-table>

Usage

```
<cos-classifier-table-information>
  <classifier-table>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <classifier-table-entry>.....</classifier-table-entry>
  </classifier-table>
</cos-classifier-table-information>
```

Description

<classifier-table>

Usage

```
<cos-table-information>
  <cos-classifier-table-information>
    <classifier-table>
      <table-index>
        table-index
      </table-index>
      <number-of-entries>
        number-of-entries
      </number-of-entries>
      <table-type>
        table-type
      </table-type>
```

```

    <classifier-table-entry>....</classifier-table-entry>
  </classifier-table>
</cos-classifier-table-information>
</cos-table-information>

```

Description

<classifier-table-entry>

Usage

```

<cos-classifier-table-information>
  <classifier-table>
    <classifier-table-entry>
      <table-index>
        table-index
      </table-index>
      <code-point>
        code-point
      </code-point>
      <fc-queue-number>
        fc-queue-number
      </fc-queue-number>
      <loss-priority>
        loss-priority
      </loss-priority>
    </classifier-table-entry>
  </classifier-table>
</cos-classifier-table-information>

```

Description

<classifier-table-entry>

Usage

```

<cos-table-information>
  <cos-classifier-table-information>
    <classifier-table>
      <classifier-table-entry>
        <table-index>
          table-index
        </table-index>
        <code-point>
          code-point
        </code-point>
        <fc-queue-number>
          fc-queue-number
        </fc-queue-number>
        <loss-priority>
          loss-priority
        </loss-priority>
      </classifier-table-entry>
    </classifier-table>
  </cos-classifier-table-information>

```

</cos-table-information>

Description

<classifier-table-map>

Usage

```
<cos-classifier-table-map-information>
  <classifier-table-map>
    <table-index>
      table-index
    </table-index>
    <table-type>
      table-type
    </table-type>
    <logical-interface>
      logical-interface
    </logical-interface>
    <logical-interface-index>
      logical-interface-index
    </logical-interface-index>
  </classifier-table-map>
</cos-classifier-table-map-information>
```

Description

<classifier-table-map>

Usage

```
<cos-table-information>
  <cos-classifier-table-map-information>
    <classifier-table-map>
      <table-index>
        table-index
      </table-index>
      <table-type>
        table-type
      </table-type>
      <logical-interface>
        logical-interface
      </logical-interface>
      <logical-interface-index>
        logical-interface-index
      </logical-interface-index>
    </classifier-table-map>
  </cos-classifier-table-map-information>
</cos-table-information>
```

Description

<cls-md-map>

Usage

```
<cos-multi-destination-information>
```

```

<cls-md-map>
  <classifier-inet-name>
    classifier-inet-name
  </classifier-inet-name>
  <classifier-inet-type>
    classifier-inet-type
  </classifier-inet-type>
  <classifier-inet-index>
    classifier-inet-index
  </classifier-inet-index>
  <multidest-classifier-name>
    multidest-classifier-name
  </multidest-classifier-name>
  <multidest-classifier-type>
    multidest-classifier-type
  </multidest-classifier-type>
  <multidest-classifier-index>
    multidest-classifier-index
  </multidest-classifier-index>
</cls-md-map>
</cos-multi-destination-information>

```

Description

<cls-md-map>

Usage

```

<cos-information>
  <cos-multi-destination-information>
    <cls-md-map>
      <classifier-inet-name>
        classifier-inet-name
      </classifier-inet-name>
      <classifier-inet-type>
        classifier-inet-type
      </classifier-inet-type>
      <classifier-inet-index>
        classifier-inet-index
      </classifier-inet-index>
      <multidest-classifier-name>
        multidest-classifier-name
      </multidest-classifier-name>
      <multidest-classifier-type>
        multidest-classifier-type
      </multidest-classifier-type>
      <multidest-classifier-index>
        multidest-classifier-index
      </multidest-classifier-index>
    </cls-md-map>
  </cos-multi-destination-information>
</cos-information>

```

Description

<code-point-map>

Usage

```
<code-point-map>
  <code-point-type>
    code-point-type
  </code-point-type>
  <alias-map>....</alias-map>
</code-point-map>
```

Description Class-of-service code point alias map

<code-point-map>

Usage

```
<cos-code-point-map-information>
  <code-point-map>
    <code-point-type>
      code-point-type
    </code-point-type>
    <alias-map>....</alias-map>
  </code-point-map>
</cos-code-point-map-information>
```

Description Class-of-service code point alias map

<code-point-map>

Usage

```
<cos-information>
  <cos-code-point-map-information>
    <code-point-map>
      <code-point-type>
        code-point-type
      </code-point-type>
      <alias-map>....</alias-map>
    </code-point-map>
  </cos-code-point-map-information>
</cos-information>
```

Description Class-of-service code point alias map

<congestion-notification-map>

Usage

```
<cos-congestion-notification-information>
  <cos-congestion-notification>
    <congestion-notification-map>
      <congestion-notification-map-item>....</congestion-notification-map-item>
    </congestion-notification-map>
  </cos-congestion-notification>
```


</cos-congestion-notification-information>

Description

<congestion-notification-map-item>

Usage

```
<cos-congestion-notification-information>
  <cos-congestion-notification>
    <congestion-notification-map>
      <congestion-notification-map-item>
        <pfc-priority>
          pfc-priority
        </pfc-priority>
        <pfc-enable-state>
          pfc-enable-state
        </pfc-enable-state>
      </congestion-notification-map-item>
    </congestion-notification-map>
  </cos-congestion-notification>
</cos-congestion-notification-information>
```

Description

<cos-adaptive-shaper-information>

Usage

```
<cos-adaptive-shaper-information>
  <adaptive-shaper>....</adaptive-shaper>
</cos-adaptive-shaper-information>
```

Description

<cos-classifier-information>

Usage

```
<cos-classifier-information>
  <classifier>....</classifier>
</cos-classifier-information>
```

Description

<cos-classifier-information>

Usage

```
<cos-information>
  <cos-classifier-information>
    <classifier>....</classifier>
  </cos-classifier-information>
</cos-information>
```

Description

<cos-classifier-table-information>

Usage

```
<cos-classifier-table-information>
  <classifier-table>....</classifier-table>
</cos-classifier-table-information>
```

Description

<cos-classifier-table-information>

Usage

```
<cos-table-information>
  <cos-classifier-table-information>
    <classifier-table>....</classifier-table>
  </cos-classifier-table-information>
</cos-table-information>
```

Description

<cos-classifier-table-map-information>

Usage

```
<cos-classifier-table-map-information>
  <classifier-table-map>....</classifier-table-map>
</cos-classifier-table-map-information>
```

Description

<cos-classifier-table-map-information>

Usage

```
<cos-table-information>
  <cos-classifier-table-map-information>
    <classifier-table-map>....</classifier-table-map>
  </cos-classifier-table-map-information>
</cos-table-information>
```

Description

<cos-code-point-map-information>

Usage

```
<cos-code-point-map-information>
  <code-point-map>....</code-point-map>
</cos-code-point-map-information>
```

Description

<cos-code-point-map-information>

Usage

```

<cos-information>
  <cos-code-point-map-information>
    <code-point-map>....</code-point-map>
  </cos-code-point-map-information>
</cos-information>

```

Description

<cos-congestion-notification>

Usage

```

<cos-congestion-notification-information>
  <cos-congestion-notification>
    <congestion-notification-type>
      congestion-notification-type
    </congestion-notification-type>
    <congestion-notification-name>
      congestion-notification-name
    </congestion-notification-name>
    <congestion-notification-id>
      congestion-notification-id
    </congestion-notification-id>
    <congestion-notification-map>....</congestion-notification-map>
  </cos-congestion-notification>
</cos-congestion-notification-information>

```

Description

<cos-congestion-notification-information>

Usage

```

<cos-congestion-notification-information>
  <cos-congestion-notification>....</cos-congestion-notification>
</cos-congestion-notification-information>

```

Description

<cos-drop-profile-information>

Usage

```

<cos-drop-profile-information>
  <drop-profile>....</drop-profile>
</cos-drop-profile-information>

```

Description

<cos-drop-profile-information>

Usage

```

<cos-information>

```

```
<cos-drop-profile-information>  
  <drop-profile>....</drop-profile>  
</cos-drop-profile-information>  
</cos-information>
```

Description

<cos-fabric-scheduler-map-information>

Usage

```
<cos-fabric-scheduler-map-information>  
  <fabric-scheduler-map>....</fabric-scheduler-map>  
</cos-fabric-scheduler-map-information>
```

Description

<cos-fabric-scheduler-map-table-information>

Usage

```
<cos-fabric-scheduler-map-table-information>  
  <fabric-scheduler-map-table>....</fabric-scheduler-map-table>  
</cos-fabric-scheduler-map-table-information>
```

Description

<cos-forwarding-class-information>

Usage

```
<cos-forwarding-class-information>  
  <fc-map>....</fc-map>  
</cos-forwarding-class-information>
```

Description

<cos-forwarding-class-information>

Usage

```
<cos-information>  
  <cos-forwarding-class-information>  
    <fc-map>....</fc-map>  
  </cos-forwarding-class-information>  
</cos-information>
```

Description

<cos-forwarding-class-map-information>

Usage

```
<cos-forwarding-class-map-information>  
  <fc-map>....</fc-map>  
</cos-forwarding-class-map-information>
```

Description**<cos-forwarding-class-map-information>****Usage**

```
<cos-information>  
  <cos-forwarding-class-map-information>  
    <fc-map>....</fc-map>  
  </cos-forwarding-class-map-information>  
</cos-information>
```

Description**<cos-forwarding-class-map-interface-table-information>****Usage**

```
<cos-forwarding-class-map-interface-table-information>  
  <forwarding-class-queue-table-map>....</forwarding-class-queue-table-map>  
</cos-forwarding-class-map-interface-table-information>
```

Description**<cos-forwarding-class-map-table-information>****Usage**

```
<cos-forwarding-class-map-table-information>  
  <forwarding-class-queue-table>....</forwarding-class-queue-table>  
</cos-forwarding-class-map-table-information>
```

Description**<cos-forwarding-class-set-information>****Usage**

```
<cos-forwarding-class-set-information>  
  <forwarding-class-set>....</forwarding-class-set>  
</cos-forwarding-class-set-information>
```

Description**<cos-forwarding-class-set-information>****Usage**

```
<cos-information>  
  <cos-forwarding-class-set-information>  
    <forwarding-class-set>....</forwarding-class-set>  
  </cos-forwarding-class-set-information>  
</cos-information>
```

Description

<cos-fragmentation-map-information>

Usage

```
<cos-fragmentation-map-information>
  <fragmentation-map>....</fragmentation-map>
</cos-fragmentation-map-information>
```

Description

<cos-fragmentation-map-information>

Usage

```
<cos-information>
  <cos-fragmentation-map-information>
    <fragmentation-map>....</fragmentation-map>
  </cos-fragmentation-map-information>
</cos-information>
```

Description

<cos-information>

Usage

```
<cos-information>
  <cos-forwarding-class-information>....</cos-forwarding-class-information>

  <cos-forwarding-class-map-information>....</cos-forwarding-class-map-information>

  <cos-classifier-information>....</cos-classifier-information>
  <cos-loss-priority-map-information>....</cos-loss-priority-map-information>
  <cos-drop-profile-information>....</cos-drop-profile-information>
  <cos-rewrite-information>....</cos-rewrite-information>
  <cos-code-point-map-information>....</cos-code-point-map-information>
  <cos-fragmentation-map-information>....</cos-fragmentation-map-information>

  <cos-translation-table-map-information>....</cos-translation-table-map-information>

  <cos-multi-destination-information>....</cos-multi-destination-information>
  <cos-forwarding-class-set-information>....</cos-forwarding-class-set-information>

</cos-information>
```

Description

<cos-interface-information>

Usage

```
<cos-interface-information>
  <interface-map>....</interface-map>
</cos-interface-information>
```

Description**<cos-interface-set-information>****Usage**

```
<cos-interface-set-information>
  <interface-set-map>....</interface-set-map>
</cos-interface-set-information>
```

Description**<cos-l2tp-session-information>****Usage**

```
<cos-l2tp-session-information>
  <l2tp-session-map>....</l2tp-session-map>
</cos-l2tp-session-information>
```

Description**<cos-loss-priority-map-information>****Usage**

```
<cos-loss-priority-map-information>
  <loss-priority-map>....</loss-priority-map>
</cos-loss-priority-map-information>
```

Description**<cos-loss-priority-map-information>****Usage**

```
<cos-information>
  <cos-loss-priority-map-information>
    <loss-priority-map>....</loss-priority-map>
  </cos-loss-priority-map-information>
</cos-information>
```

Description**<cos-loss-priority-map-table-binding-information>****Usage**

```
<cos-loss-priority-map-table-binding-information>
  <loss-priority-map-table-binding>....</loss-priority-map-table-binding>
</cos-loss-priority-map-table-binding-information>
```

Description**<cos-loss-priority-map-table-binding-information>****Usage**

```
<cos-table-information>
```

```
<cos-loss-priority-map-table-binding-information>
  <loss-priority-map-table-binding>....</loss-priority-map-table-binding>
</cos-loss-priority-map-table-binding-information>
</cos-table-information>
```

Description

<cos-loss-priority-map-table-information>

Usage

```
<cos-loss-priority-map-table-information>
  <loss-priority-map-table>....</loss-priority-map-table>
</cos-loss-priority-map-table-information>
```

Description

<cos-loss-priority-map-table-information>

Usage

```
<cos-table-information>
  <cos-loss-priority-map-table-information>
    <loss-priority-map-table>....</loss-priority-map-table>
  </cos-loss-priority-map-table-information>
</cos-table-information>
```

Description

<cos-multi-destination-information>

Usage

```
<cos-multi-destination-information>
  <sm-md-map>....</sm-md-map>
  <fc-md-map>....</fc-md-map>
  <cls-md-map>....</cls-md-map>
</cos-multi-destination-information>
```

Description

<cos-multi-destination-information>

Usage

```
<cos-information>
  <cos-multi-destination-information>
    <sm-md-map>....</sm-md-map>
    <fc-md-map>....</fc-md-map>
    <cls-md-map>....</cls-md-map>
  </cos-multi-destination-information>
</cos-information>
```

Description

<cos-policer-table-map-information>

Usage

```
<cos-policer-table-map-information>
  <policer-table-map>....</policer-table-map>
</cos-policer-table-map-information>
```

Description

<cos-policer-table-map-information>

Usage

```
<cos-table-information>
  <cos-policer-table-map-information>
    <policer-table-map>....</policer-table-map>
  </cos-policer-table-map-information>
</cos-table-information>
```

Description

<cos-red-information>

Usage

```
<cos-red-information>
  <red>....</red>
</cos-red-information>
```

Description

<cos-red-information>

Usage

```
<cos-table-information>
  <cos-red-information>
    <red>....</red>
  </cos-red-information>
</cos-table-information>
```

Description

<cos-rewrite-information>

Usage

```
<cos-rewrite-information>
  <rewrite>....</rewrite>
</cos-rewrite-information>
```

Description

<cos-rewrite-information>

Usage

```
<cos-information>
  <cos-rewrite-information>
    <rewrite>....</rewrite>
  </cos-rewrite-information>
</cos-information>
```

Description

<cos-rewrite-table-information>

Usage

```
<cos-rewrite-table-information>
  <rewrite-table>....</rewrite-table>
</cos-rewrite-table-information>
```

Description

<cos-rewrite-table-information>

Usage

```
<cos-table-information>
  <cos-rewrite-table-information>
    <rewrite-table>....</rewrite-table>
  </cos-rewrite-table-information>
</cos-table-information>
```

Description

<cos-rewrite-table-map-information>

Usage

```
<cos-rewrite-table-map-information>
  <rewrite-table-map>....</rewrite-table-map>
</cos-rewrite-table-map-information>
```

Description

<cos-rewrite-table-map-information>

Usage

```
<cos-table-information>
  <cos-rewrite-table-map-information>
    <rewrite-table-map>....</rewrite-table-map>
  </cos-rewrite-table-map-information>
</cos-table-information>
```

Description

<cos-routing-instance-information>

Usage

```
<cos-routing-instance-information>  
  <routing-instance-map>....</routing-instance-map>  
</cos-routing-instance-information>
```

Description

<cos-scheduler-map-information>

Usage

```
<cos-scheduler-map-information>  
  <scheduler-map>....</scheduler-map>  
</cos-scheduler-map-information>
```

Description

<cos-scheduler-map-table-information>

Usage

```
<cos-scheduler-map-table-information>  
  <policy>....</policy>  
</cos-scheduler-map-table-information>
```

Description

<cos-scheduler-map-table-information>

Usage

```
<cos-table-information>  
  <cos-scheduler-map-table-information>  
    <policy>....</policy>  
  </cos-scheduler-map-table-information>  
</cos-table-information>
```

Description

<cos-shaper-table-map-information>

Usage

```
<cos-shaper-table-map-information>  
  <shaper-table-map>....</shaper-table-map>  
</cos-shaper-table-map-information>
```

Description

<cos-shaper-table-map-information>

Usage

```
<cos-table-information>  
  <cos-shaper-table-map-information>
```

```
<shaper-table-map>....</shaper-table-map>
</cos-shaper-table-map-information>
</cos-table-information>
```

Description

<cos-table-information>

Usage

```
<cos-table-information>
  <cos-classifier-table-information>....</cos-classifier-table-information>
  <cos-classifier-table-map-information>....</cos-classifier-table-map-information>

  <cos-loss-priority-map-table-information>....</cos-loss-priority-map-table-information>

  <cos-loss-priority-map-table-binding-information>...</cos-loss-priority-map-table-binding-information>

  <cos-scheduler-map-table-information>....</cos-scheduler-map-table-information>
    <cos-red-information>....</cos-red-information>
    <cos-rewrite-table-information>....</cos-rewrite-table-information>
    <cos-rewrite-table-map-information>....</cos-rewrite-table-map-information>
    <cos-policer-table-map-information>....</cos-policer-table-map-information>
    <cos-shaper-table-map-information>....</cos-shaper-table-map-information>
  </cos-table-information>
```

Description

<cos-traffic-control-profile-information>

Usage

```
<cos-traffic-control-profile-information>
  <traffic-control-profile>....</traffic-control-profile>
</cos-traffic-control-profile-information>
```

Description

<cos-translation-table-information>

Usage

```
<cos-translation-table-information>
  <translation-table>....</translation-table>
</cos-translation-table-information>
```

Description

<cos-translation-table-map-information>

Usage

```
<cos-translation-table-map-information>
  <translation-table>....</translation-table>
```

</cos-translation-table-map-information>

Description

<cos-translation-table-map-information>

Usage

```
<cos-information>
  <cos-translation-table-map-information>
    <translation-table>....</translation-table>
  </cos-translation-table-map-information>
</cos-information>
```

Description

<cos-translation-table-mapping-information>

Usage

```
<cos-translation-table-mapping-information>
  <translation-table-mapping>....</translation-table-mapping>
</cos-translation-table-mapping-information>
```

Description

<cos-virtual-channel-group-information>

Usage

```
<cos-virtual-channel-group-information>
  <virtual-channel-group>....</virtual-channel-group>
</cos-virtual-channel-group-information>
```

Description

<cos-virtual-channel-information>

Usage

```
<cos-virtual-channel-information>
  <virtual-channel>....</virtual-channel>
</cos-virtual-channel-information>
```

Description

<drop-profile>

Usage

```
<drop-profile>
  <profile-name>
    profile-name
  </profile-name>
  <profile-type>
    profile-type
  </profile-type>
```

```
<table-index>
  table-index
</table-index>
<profile-map>....</profile-map>
</drop-profile>
```

Description Class-of-service drop profile

<drop-profile>

Usage

```
<cos-drop-profile-information>
  <drop-profile>
    <profile-name>
      profile-name
    </profile-name>
    <profile-type>
      profile-type
    </profile-type>
    <table-index>
      table-index
    </table-index>
    <profile-map>....</profile-map>
  </drop-profile>
</cos-drop-profile-information>
```

Description Class-of-service drop profile

<drop-profile>

Usage

```
<cos-information>
  <cos-drop-profile-information>
    <drop-profile>
      <profile-name>
        profile-name
      </profile-name>
      <profile-type>
        profile-type
      </profile-type>
      <table-index>
        table-index
      </table-index>
      <profile-map>....</profile-map>
    </drop-profile>
  </cos-drop-profile-information>
</cos-information>
```

Description Class-of-service drop profile

<drop-statistics>**Usage**

```

<drop-statistics>
  <drop-pkts-high>
    drop-pkts-high
  </drop-pkts-high>
  <drop-pkts-low>
    drop-pkts-low
  </drop-pkts-low>
  <drop-bytes-high>
    drop-bytes-high
  </drop-bytes-high>
  <drop-bytes-low>
    drop-bytes-low
  </drop-bytes-low>
  <drop-pps-high>
    drop-pps-high
  </drop-pps-high>
  <drop-pps-low>
    drop-pps-low
  </drop-pps-low>
  <drop-bps-high>
    drop-bps-high
  </drop-bps-high>
  <drop-bps-low>
    drop-bps-low
  </drop-bps-low>
</drop-statistics>

```

Description Drop statistics

<drop-statistics>**Usage**

```

<fpc-queue-information>
  <drop-statistics>
    <drop-pkts-high>
      drop-pkts-high
    </drop-pkts-high>
    <drop-pkts-low>
      drop-pkts-low
    </drop-pkts-low>
    <drop-bytes-high>
      drop-bytes-high
    </drop-bytes-high>
    <drop-bytes-low>
      drop-bytes-low
    </drop-bytes-low>
    <drop-pps-high>
      drop-pps-high
    </drop-pps-high>
    <drop-pps-low>
      drop-pps-low
  </drop-statistics>
</fpc-queue-information>

```

```
</drop-pps-low>
<drop-bps-high>
  drop-bps-high
</drop-bps-high>
<drop-bps-low>
  drop-bps-low
</drop-bps-low>
</drop-statistics>
</fpc-queue-information>
```

Description Drop statistics

<drop-statistics>

Usage

```
<fabric-queue-information>
<fpc-queue-information>
  <drop-statistics>
    <drop-pkts-high>
      drop-pkts-high
    </drop-pkts-high>
    <drop-pkts-low>
      drop-pkts-low
    </drop-pkts-low>
    <drop-bytes-high>
      drop-bytes-high
    </drop-bytes-high>
    <drop-bytes-low>
      drop-bytes-low
    </drop-bytes-low>
    <drop-pps-high>
      drop-pps-high
    </drop-pps-high>
    <drop-pps-low>
      drop-pps-low
    </drop-pps-low>
    <drop-bps-high>
      drop-bps-high
    </drop-bps-high>
    <drop-bps-low>
      drop-bps-low
    </drop-bps-low>
  </drop-statistics>
</fpc-queue-information>
</fabric-queue-information>
```

Description Drop statistics

<fabric-queue-information>

Usage

```
<fabric-queue-information>
<fpc-queue-information>....</fpc-queue-information>
```



```
</fabric-queue-information>
```

Description

```
<fabric-scheduler>
```

Usage

```
<fabric-scheduler-map>
  <fabric-scheduler>
    <fabric-scheduler-name>
      fabric-scheduler-name
    </fabric-scheduler-name>
    <fabric-scheduler-index>
      fabric-scheduler-index
    </fabric-scheduler-index>
    <fabric-scheduler-drop-profile-ln-index>
      fabric-scheduler-drop-profile-ln-index
    </fabric-scheduler-drop-profile-ln-index>
    <fabric-scheduler-drop-profile-ln>
      fabric-scheduler-drop-profile-ln
    </fabric-scheduler-drop-profile-ln>
    <fabric-scheduler-drop-profile-lt-index>
      fabric-scheduler-drop-profile-lt-index
    </fabric-scheduler-drop-profile-lt-index>
    <fabric-scheduler-drop-profile-lt>
      fabric-scheduler-drop-profile-lt
    </fabric-scheduler-drop-profile-lt>
    <fabric-scheduler-drop-profile-hn-index>
      fabric-scheduler-drop-profile-hn-index
    </fabric-scheduler-drop-profile-hn-index>
    <fabric-scheduler-drop-profile-hn>
      fabric-scheduler-drop-profile-hn
    </fabric-scheduler-drop-profile-hn>
    <fabric-scheduler-drop-profile-ht-index>
      fabric-scheduler-drop-profile-ht-index
    </fabric-scheduler-drop-profile-ht-index>
    <fabric-scheduler-drop-profile-ht>
      fabric-scheduler-drop-profile-ht
    </fabric-scheduler-drop-profile-ht>
  </fabric-scheduler>
</fabric-scheduler-map>
```

Description

```
<fabric-scheduler>
```

Usage

```
<cos-fabric-scheduler-map-information>
  <fabric-scheduler-map>
    <fabric-scheduler>
      <fabric-scheduler-name>
        fabric-scheduler-name
      </fabric-scheduler-name>
      <fabric-scheduler-index>
```

```
    fabric-scheduler-index
  </fabric-scheduler-index>
  <fabric-scheduler-drop-profile-ln-index>
    fabric-scheduler-drop-profile-ln-index
  </fabric-scheduler-drop-profile-ln-index>
  <fabric-scheduler-drop-profile-ln>
    fabric-scheduler-drop-profile-ln
  </fabric-scheduler-drop-profile-ln>
  <fabric-scheduler-drop-profile-lt-index>
    fabric-scheduler-drop-profile-lt-index
  </fabric-scheduler-drop-profile-lt-index>
  <fabric-scheduler-drop-profile-lt>
    fabric-scheduler-drop-profile-lt
  </fabric-scheduler-drop-profile-lt>
  <fabric-scheduler-drop-profile-hn-index>
    fabric-scheduler-drop-profile-hn-index
  </fabric-scheduler-drop-profile-hn-index>
  <fabric-scheduler-drop-profile-hn>
    fabric-scheduler-drop-profile-hn
  </fabric-scheduler-drop-profile-hn>
  <fabric-scheduler-drop-profile-ht-index>
    fabric-scheduler-drop-profile-ht-index
  </fabric-scheduler-drop-profile-ht-index>
  <fabric-scheduler-drop-profile-ht>
    fabric-scheduler-drop-profile-ht
  </fabric-scheduler-drop-profile-ht>
</fabric-scheduler>
</fabric-scheduler-map>
</cos-fabric-scheduler-map-information>
```

Description

<fabric-scheduler-map>

Usage

```
<fabric-scheduler-map>
  <fabric-scheduler-priority>
    fabric-scheduler-priority
  </fabric-scheduler-priority>
  <fabric-scheduler>....</fabric-scheduler>
</fabric-scheduler-map>
```

Description

<fabric-scheduler-map>

Usage

```
<cos-fabric-scheduler-map-information>
  <fabric-scheduler-map>
    <fabric-scheduler-priority>
      fabric-scheduler-priority
    </fabric-scheduler-priority>
    <fabric-scheduler>....</fabric-scheduler>
  </fabric-scheduler-map>
```

```
</cos-fabric-scheduler-map-information>
```

Description

<fabric-scheduler-map-table>

Usage

```
<fabric-scheduler-map-table>
  <fabric-scheduler-priority>
    fabric-scheduler-priority
  </fabric-scheduler-priority>
  <fabric-scheduler-queues>
    fabric-scheduler-queues
  </fabric-scheduler-queues>
  <fabric-scheduler-table>.....</fabric-scheduler-table>
</fabric-scheduler-map-table>
```

Description

<fabric-scheduler-map-table>

Usage

```
<cos-fabric-scheduler-map-table-information>
  <fabric-scheduler-map-table>
    <fabric-scheduler-priority>
      fabric-scheduler-priority
    </fabric-scheduler-priority>
    <fabric-scheduler-queues>
      fabric-scheduler-queues
    </fabric-scheduler-queues>
    <fabric-scheduler-table>.....</fabric-scheduler-table>
  </fabric-scheduler-map-table>
</cos-fabric-scheduler-map-table-information>
```

Description

<fabric-scheduler-table>

Usage

```
<fabric-scheduler-map-table>
  <fabric-scheduler-table>
    <fabric-scheduler-index>
      fabric-scheduler-index
    </fabric-scheduler-index>
    <fabric-scheduler-drop-profile-hn-index>
      fabric-scheduler-drop-profile-hn-index
    </fabric-scheduler-drop-profile-hn-index>
    <fabric-scheduler-drop-profile-ln-index>
      fabric-scheduler-drop-profile-ln-index
    </fabric-scheduler-drop-profile-ln-index>
    <fabric-scheduler-drop-profile-ht-index>
      fabric-scheduler-drop-profile-ht-index
    </fabric-scheduler-drop-profile-ht-index>
    <fabric-scheduler-drop-profile-lt-index>
```

```
    fabric-scheduler-drop-profile-lt-index
  </fabric-scheduler-drop-profile-lt-index>
</fabric-scheduler-table>
</fabric-scheduler-map-table>
```

Description

<fabric-scheduler-table>

Usage

```
<cos-fabric-scheduler-map-table-information>
  <fabric-scheduler-map-table>
    <fabric-scheduler-table>
      <fabric-scheduler-index>
        fabric-scheduler-index
      </fabric-scheduler-index>
      <fabric-scheduler-drop-profile-hn-index>
        fabric-scheduler-drop-profile-hn-index
      </fabric-scheduler-drop-profile-hn-index>
      <fabric-scheduler-drop-profile-ln-index>
        fabric-scheduler-drop-profile-ln-index
      </fabric-scheduler-drop-profile-ln-index>
      <fabric-scheduler-drop-profile-ht-index>
        fabric-scheduler-drop-profile-ht-index
      </fabric-scheduler-drop-profile-ht-index>
      <fabric-scheduler-drop-profile-lt-index>
        fabric-scheduler-drop-profile-lt-index
      </fabric-scheduler-drop-profile-lt-index>
    </fabric-scheduler-table>
  </fabric-scheduler-map-table>
</cos-fabric-scheduler-map-table-information>
```

Description

<fc-map>

Usage

```
<fc-map>
  <fc-map-item>....</fc-map-item>
</fc-map>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<forwarding-class-set>
  <forwarding-class-set-entry>
    <fc-map>
      <fc-map-item>....</fc-map-item>
    </fc-map>
  </forwarding-class-set-entry>
```

```
</forwarding-class-set>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-forwarding-class-information>
  <fc-map>
    <fc-map-item>....</fc-map-item>
  </fc-map>
</cos-forwarding-class-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-forwarding-class-map-information>
  <fc-map>
    <fc-map-item>....</fc-map-item>
  </fc-map>
</cos-forwarding-class-map-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-forwarding-class-set-information>
  <forwarding-class-set>
    <forwarding-class-set-entry>
      <fc-map>
        <fc-map-item>....</fc-map-item>
      </fc-map>
    </forwarding-class-set-entry>
  </forwarding-class-set>
</cos-forwarding-class-set-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-information>
  <cos-forwarding-class-information>
    <fc-map>
      <fc-map-item>....</fc-map-item>
    </fc-map>
  </cos-forwarding-class-information>
```

```
</cos-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-information>
  <cos-forwarding-class-map-information>
    <fc-map>
      <fc-map-item>....</fc-map-item>
    </fc-map>
  </cos-forwarding-class-map-information>
</cos-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map>

Usage

```
<cos-information>
  <cos-forwarding-class-set-information>
    <forwarding-class-set>
      <forwarding-class-set-entry>
        <fc-map>
          <fc-map-item>....</fc-map-item>
        </fc-map>
      </forwarding-class-set-entry>
    </forwarding-class-set>
  </cos-forwarding-class-set-information>
</cos-information>
```

Description Class-of-service forwarding class to queue mapping

<fc-map-item>

Usage

```
<fc-map>
  <fc-map-item>
    <fc-name>
      fc-name
    </fc-name>
    <fc-number>
      fc-number
    </fc-number>
    <fc-queue-number>
      fc-queue-number
    </fc-queue-number>
    <fc-rqueue-number>
      fc-rqueue-number
    </fc-rqueue-number>
```

```

    <fc-priority>
      fc-priority
    </fc-priority>
    <fc-policing-priority>
      fc-policing-priority
    </fc-policing-priority>
  </fc-map-item>
</fc-map>

```

Description

<fc-map-item>

Usage

```

<forwarding-class-set>
  <forwarding-class-set-entry>
    <fc-map>
      <fc-map-item>
        <fc-name>
          fc-name
        </fc-name>
        <fc-number>
          fc-number
        </fc-number>
        <fc-queue-number>
          fc-queue-number
        </fc-queue-number>
        <fc-rqueue-number>
          fc-rqueue-number
        </fc-rqueue-number>
        <fc-priority>
          fc-priority
        </fc-priority>
        <fc-policing-priority>
          fc-policing-priority
        </fc-policing-priority>
      </fc-map-item>
    </fc-map>
  </forwarding-class-set-entry>
</forwarding-class-set>

```

Description

<fc-map-item>

Usage

```

<cos-forwarding-class-information>
  <fc-map>
    <fc-map-item>
      <fc-name>
        fc-name
      </fc-name>
      <fc-number>
        fc-number

```

```
</fc-number>
<fc-queue-number>
  fc-queue-number
</fc-queue-number>
<fc-rqueue-number>
  fc-rqueue-number
</fc-rqueue-number>
<fc-priority>
  fc-priority
</fc-priority>
<fc-policing-priority>
  fc-policing-priority
</fc-policing-priority>
</fc-map-item>
</fc-map>
</cos-forwarding-class-information>
```

Description

<fc-map-item>

Usage

```
<cos-forwarding-class-map-information>
<fc-map>
  <fc-map-item>
    <fc-name>
      fc-name
    </fc-name>
    <fc-number>
      fc-number
    </fc-number>
    <fc-queue-number>
      fc-queue-number
    </fc-queue-number>
    <fc-rqueue-number>
      fc-rqueue-number
    </fc-rqueue-number>
    <fc-priority>
      fc-priority
    </fc-priority>
    <fc-policing-priority>
      fc-policing-priority
    </fc-policing-priority>
  </fc-map-item>
</fc-map>
</cos-forwarding-class-map-information>
```

Description

<fc-map-item>

Usage

```
<cos-forwarding-class-set-information>
<forwarding-class-set>
```



```

<forwarding-class-set-entry>
  <fc-map>
    <fc-map-item>
      <fc-name>
        fc-name
      </fc-name>
      <fc-number>
        fc-number
      </fc-number>
      <fc-queue-number>
        fc-queue-number
      </fc-queue-number>
      <fc-rqueue-number>
        fc-rqueue-number
      </fc-rqueue-number>
      <fc-priority>
        fc-priority
      </fc-priority>
      <fc-policing-priority>
        fc-policing-priority
      </fc-policing-priority>
    </fc-map-item>
  </fc-map>
</forwarding-class-set-entry>
</forwarding-class-set>
</cos-forwarding-class-set-information>

```

Description

<fc-map-item>

Usage

```

<cos-information>
  <cos-forwarding-class-information>
    <fc-map>
      <fc-map-item>
        <fc-name>
          fc-name
        </fc-name>
        <fc-number>
          fc-number
        </fc-number>
        <fc-queue-number>
          fc-queue-number
        </fc-queue-number>
        <fc-rqueue-number>
          fc-rqueue-number
        </fc-rqueue-number>
        <fc-priority>
          fc-priority
        </fc-priority>
        <fc-policing-priority>
          fc-policing-priority
        </fc-policing-priority>
      </fc-map-item>
    </fc-map>
  </cos-forwarding-class-information>
</cos-information>

```

```
</fc-map>
</cos-forwarding-class-information>
</cos-information>
```

Description

<fc-map-item>

Usage

```
<cos-information>
  <cos-forwarding-class-map-information>
    <fc-map>
      <fc-map-item>
        <fc-name>
          fc-name
        </fc-name>
        <fc-number>
          fc-number
        </fc-number>
        <fc-queue-number>
          fc-queue-number
        </fc-queue-number>
        <fc-rqueue-number>
          fc-rqueue-number
        </fc-rqueue-number>
        <fc-priority>
          fc-priority
        </fc-priority>
        <fc-policing-priority>
          fc-policing-priority
        </fc-policing-priority>
      </fc-map-item>
    </fc-map>
  </cos-forwarding-class-map-information>
</cos-information>
```

Description

<fc-map-item>

Usage

```
<cos-information>
  <cos-forwarding-class-set-information>
    <forwarding-class-set>
      <forwarding-class-set-entry>
        <fc-map>
          <fc-map-item>
            <fc-name>
              fc-name
            </fc-name>
            <fc-number>
              fc-number
            </fc-number>
            <fc-queue-number>
```

```

        fc-queue-number
      </fc-queue-number>
      <fc-rqueue-number>
        fc-rqueue-number
      </fc-rqueue-number>
      <fc-priority>
        fc-priority
      </fc-priority>
      <fc-policing-priority>
        fc-policing-priority
      </fc-policing-priority>
    </fc-map-item>
  </fc-map>
</forwarding-class-set-entry>
</forwarding-class-set>
</cos-forwarding-class-set-information>
</cos-information>

```

Description

<fc-md-map>

Usage

```

<cos-multi-destination-information>
  <fc-md-map>
    <fc-name>
      fc-name
    </fc-name>
    <fc-queue-number>
      fc-queue-number
    </fc-queue-number>
  </fc-md-map>
</cos-multi-destination-information>

```

Description

<fc-md-map>

Usage

```

<cos-information>
  <cos-multi-destination-information>
    <fc-md-map>
      <fc-name>
        fc-name
      </fc-name>
      <fc-queue-number>
        fc-queue-number
      </fc-queue-number>
    </fc-md-map>
  </cos-multi-destination-information>
</cos-information>

```

Description

<forwarding-class-queue-table>

Usage

```
<cos-forwarding-class-map-table-information>
  <forwarding-class-queue-table>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <forwarding-class-queue-table-entry>....</forwarding-class-queue-table-entry>

  </forwarding-class-queue-table>
</cos-forwarding-class-map-table-information>
```

Description

<forwarding-class-queue-table-entry>

Usage

```
<cos-forwarding-class-map-table-information>
  <forwarding-class-queue-table>
    <forwarding-class-queue-table-entry>
      <fc-number>
        fc-number
      </fc-number>
      <fc-queue-number>
        fc-queue-number
      </fc-queue-number>
      <fc-rqueue-number>
        fc-rqueue-number
      </fc-rqueue-number>
    </forwarding-class-queue-table-entry>
  </forwarding-class-queue-table>
</cos-forwarding-class-map-table-information>
```

Description

<forwarding-class-queue-table-map>

Usage

```
<cos-forwarding-class-map-interface-table-information>
  <forwarding-class-queue-table-map>
    <logical-interface>
      logical-interface
    </logical-interface>
    <logical-interface-index>
      logical-interface-index
    </logical-interface-index>
    <table-index>
      table-index
    </table-index>
  </forwarding-class-queue-table-map>
```

```
</cos-forwarding-class-map-interface-table-information>
```

Description

<forwarding-class-set>

Usage

```
<forwarding-class-set>
  <forwarding-class-set-entry>....</forwarding-class-set-entry>
</forwarding-class-set>
```

Description Class-of-service forwarding class set information

<forwarding-class-set>

Usage

```
<cos-forwarding-class-set-information>
  <forwarding-class-set>
    <forwarding-class-set-entry>....</forwarding-class-set-entry>
  </forwarding-class-set>
</cos-forwarding-class-set-information>
```

Description Class-of-service forwarding class set information

<forwarding-class-set>

Usage

```
<cos-information>
  <cos-forwarding-class-set-information>
    <forwarding-class-set>
      <forwarding-class-set-entry>....</forwarding-class-set-entry>
    </forwarding-class-set>
  </cos-forwarding-class-set-information>
</cos-information>
```

Description Class-of-service forwarding class set information

<forwarding-class-set-attachment>

Usage

```
<forwarding-class-set-attachment>
  <forwarding-class-set-name>
    forwarding-class-set-name
  </forwarding-class-set-name>
  <table-index>
    table-index
  </table-index>
  <output-traffic-control-profile-name>
    output-traffic-control-profile-name
  </output-traffic-control-profile-name>
  <output-traffic-control-profile-index>
```

```
        output-traffic-control-profile-index
      </output-traffic-control-profile-index>
    </forwarding-class-set-attachment>
```

Description Class-of-service forwarding class set interface attachment

<forwarding-class-set-attachment>

Usage

```
<interface-map>
  <forwarding-class-set-attachment>
    <forwarding-class-set-name>
      forwarding-class-set-name
    </forwarding-class-set-name>
    <table-index>
      table-index
    </table-index>
    <output-traffic-control-profile-name>
      output-traffic-control-profile-name
    </output-traffic-control-profile-name>
    <output-traffic-control-profile-index>
      output-traffic-control-profile-index
    </output-traffic-control-profile-index>
  </forwarding-class-set-attachment>
</interface-map>
```

Description Class-of-service forwarding class set interface attachment

<forwarding-class-set-attachment>

Usage

```
<cos-interface-information>
  <interface-map>
    <forwarding-class-set-attachment>
      <forwarding-class-set-name>
        forwarding-class-set-name
      </forwarding-class-set-name>
      <table-index>
        table-index
      </table-index>
      <output-traffic-control-profile-name>
        output-traffic-control-profile-name
      </output-traffic-control-profile-name>
      <output-traffic-control-profile-index>
        output-traffic-control-profile-index
      </output-traffic-control-profile-index>
    </forwarding-class-set-attachment>
  </interface-map>
</cos-interface-information>
```

Description Class-of-service forwarding class set interface attachment

<forwarding-class-set-entry>**Usage**

```

<forwarding-class-set>
  <forwarding-class-set-entry>
    <forwarding-class-set-name>
      forwarding-class-set-name
    </forwarding-class-set-name>
    <forwarding-class-set-type>
      forwarding-class-set-type
    </forwarding-class-set-type>
    <forwarding-class-set-index>
      forwarding-class-set-index
    </forwarding-class-set-index>
    <fc-map>.....</fc-map>
  </forwarding-class-set-entry>
</forwarding-class-set>

```

Description**<forwarding-class-set-entry>****Usage**

```

<cos-forwarding-class-set-information>
  <forwarding-class-set>
    <forwarding-class-set-entry>
      <forwarding-class-set-name>
        forwarding-class-set-name
      </forwarding-class-set-name>
      <forwarding-class-set-type>
        forwarding-class-set-type
      </forwarding-class-set-type>
      <forwarding-class-set-index>
        forwarding-class-set-index
      </forwarding-class-set-index>
      <fc-map>.....</fc-map>
    </forwarding-class-set-entry>
  </forwarding-class-set>
</cos-forwarding-class-set-information>

```

Description**<forwarding-class-set-entry>****Usage**

```

<cos-information>
  <cos-forwarding-class-set-information>
    <forwarding-class-set>
      <forwarding-class-set-entry>
        <forwarding-class-set-name>
          forwarding-class-set-name
        </forwarding-class-set-name>
        <forwarding-class-set-type>
          forwarding-class-set-type

```

```
</forwarding-class-set-type>
<forwarding-class-set-index>
  forwarding-class-set-index
</forwarding-class-set-index>
<fc-map>....</fc-map>
</forwarding-class-set-entry>
</forwarding-class-set>
</cos-forwarding-class-set-information>
</cos-information>
```

Description

<fpc-queue-information>

Usage

```
<fpc-queue-information>
<dest-fpc-index>
  dest-fpc-index
</dest-fpc-index>
<src-fpc-index>
  src-fpc-index
</src-fpc-index>
<total-statistics>....</total-statistics>
<tx-statistics>....</tx-statistics>
<drop-statistics>....</drop-statistics>
</fpc-queue-information>
```

Description Show fabric queuing information for an FPC

<fpc-queue-information>

Usage

```
<fabric-queue-information>
<fpc-queue-information>
<dest-fpc-index>
  dest-fpc-index
</dest-fpc-index>
<src-fpc-index>
  src-fpc-index
</src-fpc-index>
<total-statistics>....</total-statistics>
<tx-statistics>....</tx-statistics>
<drop-statistics>....</drop-statistics>
</fpc-queue-information>
</fabric-queue-information>
```

Description Show fabric queuing information for an FPC

<fragment-map>

Usage

```
<fragmentation-map>
```



```

<fragment-map>
  <fc-name>
    fc-name
  </fc-name>
  <fragment-threshold>
    fragment-threshold
  </fragment-threshold>
  <no-fragmentation>
    no-fragmentation
  </no-fragmentation>
  <fragment-multilink-class>
    fragment-multilink-class
  </fragment-multilink-class>
</fragment-map>
</fragmentation-map>

```

Description

<fragment-map>

Usage

```

<cos-fragmentation-map-information>
  <fragmentation-map>
    <fragment-map>
      <fc-name>
        fc-name
      </fc-name>
      <fragment-threshold>
        fragment-threshold
      </fragment-threshold>
      <no-fragmentation>
        no-fragmentation
      </no-fragmentation>
      <fragment-multilink-class>
        fragment-multilink-class
      </fragment-multilink-class>
    </fragment-map>
  </fragmentation-map>
</cos-fragmentation-map-information>

```

Description

<fragment-map>

Usage

```

<cos-information>
  <cos-fragmentation-map-information>
    <fragmentation-map>
      <fragment-map>
        <fc-name>
          fc-name
        </fc-name>
        <fragment-threshold>
          fragment-threshold

```

```
</fragment-threshold>
<no-fragmentation>
  no-fragmentation
</no-fragmentation>
<fragment-multilink-class>
  fragment-multilink-class
</fragment-multilink-class>
</fragment-map>
</fragmentation-map>
</cos-fragmentation-map-information>
</cos-information>
```

Description**<fragmentation-map>****Usage**

```
<fragmentation-map>
  <fragmentation-map-name>
    fragmentation-map-name
  </fragmentation-map-name>
  <fragmentation-map-index>
    fragmentation-map-index
  </fragmentation-map-index>
  <fragment-map>.....</fragment-map>
</fragmentation-map>
```

Description Class-of-service fragmentation map

<fragmentation-map>**Usage**

```
<cos-fragmentation-map-information>
  <fragmentation-map>
    <fragmentation-map-name>
      fragmentation-map-name
    </fragmentation-map-name>
    <fragmentation-map-index>
      fragmentation-map-index
    </fragmentation-map-index>
    <fragment-map>.....</fragment-map>
  </fragmentation-map>
</cos-fragmentation-map-information>
```

Description Class-of-service fragmentation map

<fragmentation-map>**Usage**

```
<cos-information>
  <cos-fragmentation-map-information>
    <fragmentation-map>
```

```

    <fragmentation-map-name>
      fragmentation-map-name
    </fragmentation-map-name>
    <fragmentation-map-index>
      fragmentation-map-index
    </fragmentation-map-index>
    <fragment-map>....</fragment-map>
  </fragmentation-map>
</cos-fragmentation-map-information>
</cos-information>

```

Description Class-of-service fragmentation map

<i-logical-map>

Usage

```

<i-logical-map>
  <i-logical-name>
    i-logical-name
  </i-logical-name>
  <i-logical-index>
    i-logical-index
  </i-logical-index>
  <interface-has-dedicated-queues>
    interface-has-dedicated-queues
  </interface-has-dedicated-queues>
  <i-logical-objects>....</i-logical-objects>
  <policer-bandwidth>
    policer-bandwidth
  </policer-bandwidth>
  <policer-burst>
    policer-burst
  </policer-burst>
  <shaper-bandwidth>
    shaper-bandwidth
  </shaper-bandwidth>
  <shaper-burst>
    shaper-burst
  </shaper-burst>
  <shaping-rate>
    shaping-rate
  </shaping-rate>
  <burst-size>
    burst-size
  </burst-size>
  <input-shaping-rate>
    input-shaping-rate
  </input-shaping-rate>
  <input-burst-size>
    input-burst-size
  </input-burst-size>
  <adjusting-application-name>
    adjusting-application-name
  </adjusting-application-name>

```

```
<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</i-logical-map>
```

Description

<i-logical-map>

Usage

```
<interface-map>
  <i-logical-map>
    <i-logical-name>
      i-logical-name
    </i-logical-name>
    <i-logical-index>
      i-logical-index
    </i-logical-index>
    <interface-has-dedicated-queues>
      interface-has-dedicated-queues
    </interface-has-dedicated-queues>
    <i-logical-objects>....</i-logical-objects>
    <policer-bandwidth>
      policer-bandwidth
    </policer-bandwidth>
    <policer-burst>
      policer-burst
    </policer-burst>
    <shaper-bandwidth>
      shaper-bandwidth
    </shaper-bandwidth>
    <shaper-burst>
      shaper-burst
    </shaper-burst>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <burst-size>
      burst-size
    </burst-size>
    <input-shaping-rate>
      input-shaping-rate
    </input-shaping-rate>
    <input-burst-size>
      input-burst-size
    </input-burst-size>
    <adjusting-application-name>
      adjusting-application-name
    </adjusting-application-name>
```

```

<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</i-logical-map>
</interface-map>

```

Description

<i-logical-map>

Usage

```

<routing-instance-map>
  <i-logical-map>
    <i-logical-name>
      i-logical-name
    </i-logical-name>
    <i-logical-index>
      i-logical-index
    </i-logical-index>
    <interface-has-dedicated-queues>
      interface-has-dedicated-queues
    </interface-has-dedicated-queues>
    <i-logical-objects>....</i-logical-objects>
    <policer-bandwidth>
      policer-bandwidth
    </policer-bandwidth>
    <policer-burst>
      policer-burst
    </policer-burst>
    <shaper-bandwidth>
      shaper-bandwidth
    </shaper-bandwidth>
    <shaper-burst>
      shaper-burst
    </shaper-burst>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <burst-size>
      burst-size
    </burst-size>
    <input-shaping-rate>
      input-shaping-rate
    </input-shaping-rate>
    <input-burst-size>
      input-burst-size
    </input-burst-size>
    <adjusting-application-name>
      adjusting-application-name

```

```
</adjusting-application-name>
<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</i-logical-map>
</routing-instance-map>
```

Description

<i-logical-map>

Usage

```
<cos-interface-information>
<interface-map>
  <i-logical-map>
    <i-logical-name>
      i-logical-name
    </i-logical-name>
    <i-logical-index>
      i-logical-index
    </i-logical-index>
    <interface-has-dedicated-queues>
      interface-has-dedicated-queues
    </interface-has-dedicated-queues>
    <i-logical-objects>....</i-logical-objects>
    <policer-bandwidth>
      policer-bandwidth
    </policer-bandwidth>
    <policer-burst>
      policer-burst
    </policer-burst>
    <shaper-bandwidth>
      shaper-bandwidth
    </shaper-bandwidth>
    <shaper-burst>
      shaper-burst
    </shaper-burst>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <burst-size>
      burst-size
    </burst-size>
    <input-shaping-rate>
      input-shaping-rate
    </input-shaping-rate>
    <input-burst-size>
      input-burst-size
    </input-burst-size>
```

```

<adjusting-application-name>
  adjusting-application-name
</adjusting-application-name>
<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</i-logical-map>
</interface-map>
</cos-interface-information>

```

Description

<i-logical-map>

Usage

```

<cos-routing-instance-information>
<routing-instance-map>
  <i-logical-map>
    <i-logical-name>
      i-logical-name
    </i-logical-name>
    <i-logical-index>
      i-logical-index
    </i-logical-index>
    <interface-has-dedicated-queues>
      interface-has-dedicated-queues
    </interface-has-dedicated-queues>
    <i-logical-objects>....</i-logical-objects>
    <policer-bandwidth>
      policer-bandwidth
    </policer-bandwidth>
    <policer-burst>
      policer-burst
    </policer-burst>
    <shaper-bandwidth>
      shaper-bandwidth
    </shaper-bandwidth>
    <shaper-burst>
      shaper-burst
    </shaper-burst>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <burst-size>
      burst-size
    </burst-size>
    <input-shaping-rate>
      input-shaping-rate
    </input-shaping-rate>
  
```

```
<input-burst-size>
  input-burst-size
</input-burst-size>
<adjusting-application-name>
  adjusting-application-name
</adjusting-application-name>
<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</i-logical-map>
</routing-instance-map>
</cos-routing-instance-information>
```

Description

<i-logical-objects>

Usage

```
<i-logical-map>
  <i-logical-objects>
    <i-logical-object-type>
      i-logical-object-type
    </i-logical-object-type>
    <i-logical-object-name>
      i-logical-object-name
    </i-logical-object-name>
    <i-logical-object-subtype>
      i-logical-object-subtype
    </i-logical-object-subtype>
    <i-logical-object-index>
      i-logical-object-index
    </i-logical-object-index>
  </i-logical-objects>
</i-logical-map>
```

Description Class-of-service logical interface mappings

<i-logical-objects>

Usage

```
<interface-map>
  <i-logical-map>
    <i-logical-objects>
      <i-logical-object-type>
        i-logical-object-type
      </i-logical-object-type>
      <i-logical-object-name>
        i-logical-object-name
```



```

    </i-logical-object-name>
    <i-logical-object-subtype>
      i-logical-object-subtype
    </i-logical-object-subtype>
    <i-logical-object-index>
      i-logical-object-index
    </i-logical-object-index>
  </i-logical-objects>
</i-logical-map>
</interface-map>

```

Description Class-of-service logical interface mappings

<i-logical-objects>

Usage

```

<routing-instance-map>
  <i-logical-map>
    <i-logical-objects>
      <i-logical-object-type>
        i-logical-object-type
      </i-logical-object-type>
      <i-logical-object-name>
        i-logical-object-name
      </i-logical-object-name>
      <i-logical-object-subtype>
        i-logical-object-subtype
      </i-logical-object-subtype>
      <i-logical-object-index>
        i-logical-object-index
      </i-logical-object-index>
    </i-logical-objects>
  </i-logical-map>
</routing-instance-map>

```

Description Class-of-service logical interface mappings

<i-logical-objects>

Usage

```

<cos-interface-information>
  <interface-map>
    <i-logical-map>
      <i-logical-objects>
        <i-logical-object-type>
          i-logical-object-type
        </i-logical-object-type>
        <i-logical-object-name>
          i-logical-object-name
        </i-logical-object-name>
        <i-logical-object-subtype>
          i-logical-object-subtype
        </i-logical-object-subtype>
      </i-logical-objects>
    </i-logical-map>
  </interface-map>
</cos-interface-information>

```

```
<i-logical-object-index>  
  i-logical-object-index  
</i-logical-object-index>  
</i-logical-objects>  
</i-logical-map>  
</interface-map>  
</cos-interface-information>
```

Description Class-of-service logical interface mappings

<i-logical-objects>

Usage

```
<cos-routing-instance-information>  
<routing-instance-map>  
  <i-logical-map>  
    <i-logical-objects>  
      <i-logical-object-type>  
        i-logical-object-type  
      </i-logical-object-type>  
      <i-logical-object-name>  
        i-logical-object-name  
      </i-logical-object-name>  
      <i-logical-object-subtype>  
        i-logical-object-subtype  
      </i-logical-object-subtype>  
      <i-logical-object-index>  
        i-logical-object-index  
      </i-logical-object-index>  
    </i-logical-objects>  
  </i-logical-map>  
</routing-instance-map>  
</cos-routing-instance-information>
```

Description Class-of-service logical interface mappings

<interface-map>

Usage

```
<interface-map>  
  <interface-name>  
    interface-name  
  </interface-name>  
  <interface-index>  
    interface-index  
  </interface-index>  
  <interface-queues-supported>  
    interface-queues-supported  
  </interface-queues-supported>  
  <interface-queues-in-use>  
    interface-queues-in-use  
  </interface-queues-in-use>  
<interface-total-queues-created>
```

```

    interface-total-queues-created
  </interface-total-queues-created>
  <interface-shaping-rate>
    interface-shaping-rate
  </interface-shaping-rate>
  <scheduler-map-name>
    scheduler-map-name
  </scheduler-map-name>
  <scheduler-map-index>
    scheduler-map-index
  </scheduler-map-index>
  <interface-input-shaping-rate>
    interface-input-shaping-rate
  </interface-input-shaping-rate>
  <input-scheduler-map-name>
    input-scheduler-map-name
  </input-scheduler-map-name>
  <input-scheduler-map-index>
    input-scheduler-map-index
  </input-scheduler-map-index>
  <chassis-scheduler-map-name>
    chassis-scheduler-map-name
  </chassis-scheduler-map-name>
  <chassis-scheduler-map-index>
    chassis-scheduler-map-index
  </chassis-scheduler-map-index>
  <input-traffic-control-profile-name>
    input-traffic-control-profile-name
  </input-traffic-control-profile-name>
  <input-traffic-control-profile-index>
    input-traffic-control-profile-index
  </input-traffic-control-profile-index>
  <output-traffic-control-profile-name>
    output-traffic-control-profile-name
  </output-traffic-control-profile-name>
  <output-traffic-control-profile-index>
    output-traffic-control-profile-index
  </output-traffic-control-profile-index>
  <forwarding-class-map-name>
    forwarding-class-map-name
  </forwarding-class-map-name>
  <forwarding-class-map-index>
    forwarding-class-map-index
  </forwarding-class-map-index>
  <interface-congestion-notification-map>
    interface-congestion-notification-map
  </interface-congestion-notification-map>
  <interface-congestion-notification-map-index>
    interface-congestion-notification-map-index
  </interface-congestion-notification-map-index>
  <forwarding-class-set-attachment>....</forwarding-class-set-attachment>
  <i-logical-map>....</i-logical-map>
</interface-map>

```

Description Class-of-service interface mappings

<interface-map>

Usage

```
<cos-interface-information>
  <interface-map>
    <interface-name>
      interface-name
    </interface-name>
    <interface-index>
      interface-index
    </interface-index>
    <interface-queues-supported>
      interface-queues-supported
    </interface-queues-supported>
    <interface-queues-in-use>
      interface-queues-in-use
    </interface-queues-in-use>
    <interface-total-queues-created>
      interface-total-queues-created
    </interface-total-queues-created>
    <interface-shaping-rate>
      interface-shaping-rate
    </interface-shaping-rate>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <scheduler-map-index>
      scheduler-map-index
    </scheduler-map-index>
    <interface-input-shaping-rate>
      interface-input-shaping-rate
    </interface-input-shaping-rate>
    <input-scheduler-map-name>
      input-scheduler-map-name
    </input-scheduler-map-name>
    <input-scheduler-map-index>
      input-scheduler-map-index
    </input-scheduler-map-index>
    <chassis-scheduler-map-name>
      chassis-scheduler-map-name
    </chassis-scheduler-map-name>
    <chassis-scheduler-map-index>
      chassis-scheduler-map-index
    </chassis-scheduler-map-index>
    <input-traffic-control-profile-name>
      input-traffic-control-profile-name
    </input-traffic-control-profile-name>
    <input-traffic-control-profile-index>
      input-traffic-control-profile-index
    </input-traffic-control-profile-index>
    <output-traffic-control-profile-name>
      output-traffic-control-profile-name
    </output-traffic-control-profile-name>
```

```

<output-traffic-control-profile-index>
  output-traffic-control-profile-index
</output-traffic-control-profile-index>
<forwarding-class-map-name>
  forwarding-class-map-name
</forwarding-class-map-name>
<forwarding-class-map-index>
  forwarding-class-map-index
</forwarding-class-map-index>
<interface-congestion-notification-map>
  interface-congestion-notification-map
</interface-congestion-notification-map>
<interface-congestion-notification-map-index>
  interface-congestion-notification-map-index
</interface-congestion-notification-map-index>
<forwarding-class-set-attachment>....</forwarding-class-set-attachment>
<i-logical-map>....</i-logical-map>
</interface-map>
</cos-interface-information>

```

Description Class-of-service interface mappings

<interface-set-map>

Usage

```

<interface-set-map>
<interface-set-name>
  interface-set-name
</interface-set-name>
<interface-set-index>
  interface-set-index
</interface-set-index>
<interface-name>
  interface-name
</interface-name>
<interface-index>
  interface-index
</interface-index>
<interface-queues-supported>
  interface-queues-supported
</interface-queues-supported>
<interface-queues-in-use>
  interface-queues-in-use
</interface-queues-in-use>
<output-traffic-control-profile-name>
  output-traffic-control-profile-name
</output-traffic-control-profile-name>
<output-traffic-control-profile-index>
  output-traffic-control-profile-index
</output-traffic-control-profile-index>
<input-traffic-control-profile-name>
  input-traffic-control-profile-name
</input-traffic-control-profile-name>
<input-traffic-control-profile-index>

```

```
    input-traffic-control-profile-index
  </input-traffic-control-profile-index>
  <adjusting-application-name>
    adjusting-application-name
  </adjusting-application-name>
  <adjustment-type>
    adjustment-type
  </adjustment-type>
  <configured-shaping-rate>
    configured-shaping-rate
  </configured-shaping-rate>
  <adjustment-value>
    adjustment-value
  </adjustment-value>
</interface-set-map>
```

Description

<interface-set-map>

Usage

```
<cos-interface-set-information>
  <interface-set-map>
    <interface-set-name>
      interface-set-name
    </interface-set-name>
    <interface-set-index>
      interface-set-index
    </interface-set-index>
    <interface-name>
      interface-name
    </interface-name>
    <interface-index>
      interface-index
    </interface-index>
    <interface-queues-supported>
      interface-queues-supported
    </interface-queues-supported>
    <interface-queues-in-use>
      interface-queues-in-use
    </interface-queues-in-use>
    <output-traffic-control-profile-name>
      output-traffic-control-profile-name
    </output-traffic-control-profile-name>
    <output-traffic-control-profile-index>
      output-traffic-control-profile-index
    </output-traffic-control-profile-index>
    <input-traffic-control-profile-name>
      input-traffic-control-profile-name
    </input-traffic-control-profile-name>
    <input-traffic-control-profile-index>
      input-traffic-control-profile-index
    </input-traffic-control-profile-index>
    <adjusting-application-name>
      adjusting-application-name
```

```

</adjusting-application-name>
<adjustment-type>
  adjustment-type
</adjustment-type>
<configured-shaping-rate>
  configured-shaping-rate
</configured-shaping-rate>
<adjustment-value>
  adjustment-value
</adjustment-value>
</interface-set-map>
</cos-interface-set-information>

```

Description

<l2tp-session-map>

Usage

```

<l2tp-session-map>
<interface-name>
  interface-name
</interface-name>
<interface-index>
  interface-index
</interface-index>
<interface-queues-supported>
  interface-queues-supported
</interface-queues-supported>
<interface-queues-in-use>
  interface-queues-in-use
</interface-queues-in-use>
<l2tp-session-username>
  l2tp-session-username
</l2tp-session-username>
<l2tp-session-index>
  l2tp-session-index
</l2tp-session-index>
<traffic-control-profile-name>
  traffic-control-profile-name
</traffic-control-profile-name>
<traffic-control-profile-index>
  traffic-control-profile-index
</traffic-control-profile-index>
<scheduler-map-name>
  scheduler-map-name
</scheduler-map-name>
<scheduler-map-index>
  scheduler-map-index
</scheduler-map-index>
<shaping-rate>
  shaping-rate
</shaping-rate>
<guaranteed-rate>
  guaranteed-rate
</guaranteed-rate>

```

```
<delay-buffer-rate>
  delay-buffer-rate
</delay-buffer-rate>
<encapsulation-overhead>
  encapsulation-overhead
</encapsulation-overhead>
<cell-overhead>
  cell-overhead
</cell-overhead>
</l2tp-session-map>
```

Description Class-of-service L2TP session mappings

<l2tp-session-map>

Usage

```
<cos-l2tp-session-information>
  <l2tp-session-map>
    <interface-name>
      interface-name
    </interface-name>
    <interface-index>
      interface-index
    </interface-index>
    <interface-queues-supported>
      interface-queues-supported
    </interface-queues-supported>
    <interface-queues-in-use>
      interface-queues-in-use
    </interface-queues-in-use>
    <l2tp-session-username>
      l2tp-session-username
    </l2tp-session-username>
    <l2tp-session-index>
      l2tp-session-index
    </l2tp-session-index>
    <traffic-control-profile-name>
      traffic-control-profile-name
    </traffic-control-profile-name>
    <traffic-control-profile-index>
      traffic-control-profile-index
    </traffic-control-profile-index>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <scheduler-map-index>
      scheduler-map-index
    </scheduler-map-index>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <guaranteed-rate>
      guaranteed-rate
    </guaranteed-rate>
```



```

    <delay-buffer-rate>
      delay-buffer-rate
    </delay-buffer-rate>
    <encapsulation-overhead>
      encapsulation-overhead
    </encapsulation-overhead>
    <cell-overhead>
      cell-overhead
    </cell-overhead>
  </l2tp-session-map>
</cos-l2tp-session-information>

```

Description Class-of-service L2TP session mappings

<loss-priority-map>

Usage

```

<loss-priority-map>
  <loss-priority-map-name>
    loss-priority-map-name
  </loss-priority-map-name>
  <code-point-type>
    code-point-type
  </code-point-type>
  <table-index>
    table-index
  </table-index>
  <loss-priority-map-table>....</loss-priority-map-table>
</loss-priority-map>

```

Description Class-of-service code point loss priority map

<loss-priority-map>

Usage

```

<cos-loss-priority-map-information>
  <loss-priority-map>
    <loss-priority-map-name>
      loss-priority-map-name
    </loss-priority-map-name>
    <code-point-type>
      code-point-type
    </code-point-type>
    <table-index>
      table-index
    </table-index>
    <loss-priority-map-table>....</loss-priority-map-table>
  </loss-priority-map>
</cos-loss-priority-map-information>

```

Description Class-of-service code point loss priority map

<loss-priority-map>

Usage

```
<cos-information>
  <cos-loss-priority-map-information>
    <loss-priority-map>
      <loss-priority-map-name>
        loss-priority-map-name
      </loss-priority-map-name>
      <code-point-type>
        code-point-type
      </code-point-type>
      <table-index>
        table-index
      </table-index>
      <loss-priority-map-table>....</loss-priority-map-table>
    </loss-priority-map>
  </cos-loss-priority-map-information>
</cos-information>
```

Description Class-of-service code point loss priority map

<loss-priority-map-item>

Usage

```
<loss-priority-map>
  <loss-priority-map-table>
    <loss-priority-map-item>
      <code-point>
        code-point
      </code-point>
      <loss-priority>
        loss-priority
      </loss-priority>
    </loss-priority-map-item>
  </loss-priority-map-table>
</loss-priority-map>
```

Description

<loss-priority-map-item>

Usage

```
<cos-loss-priority-map-information>
  <loss-priority-map>
    <loss-priority-map-table>
      <loss-priority-map-item>
        <code-point>
          code-point
        </code-point>
        <loss-priority>
          loss-priority
        </loss-priority>
      </loss-priority-map-item>
    </loss-priority-map-table>
  </loss-priority-map>
```

```

    </loss-priority-map-item>
  </loss-priority-map-table>
</loss-priority-map>
</cos-loss-priority-map-information>

```

Description

<loss-priority-map-item>

Usage

```

<cos-information>
  <cos-loss-priority-map-information>
    <loss-priority-map>
      <loss-priority-map-table>
        <loss-priority-map-item>
          <code-point>
            code-point
          </code-point>
          <loss-priority>
            loss-priority
          </loss-priority>
        </loss-priority-map-item>
      </loss-priority-map-table>
    </loss-priority-map>
  </cos-loss-priority-map-information>
</cos-information>

```

Description

<loss-priority-map-item>

Usage

```

<cos-loss-priority-map-table-information>
  <loss-priority-map-table>
    <loss-priority-map-item>
      <code-point>
        code-point
      </code-point>
      <loss-priority>
        loss-priority
      </loss-priority>
    </loss-priority-map-item>
  </loss-priority-map-table>
</cos-loss-priority-map-table-information>

```

Description

<loss-priority-map-item>

Usage

```

<cos-table-information>
  <cos-loss-priority-map-table-information>
    <loss-priority-map-table>
      <loss-priority-map-item>

```

```
<code-point>
  code-point
</code-point>
<loss-priority>
  loss-priority
</loss-priority>
</loss-priority-map-item>
</loss-priority-map-table>
</cos-loss-priority-map-table-information>
</cos-table-information>
```

Description

<loss-priority-map-table>

Usage

```
<loss-priority-map>
  <loss-priority-map-table>
    <loss-priority-map-item>....</loss-priority-map-item>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <loss-priority-map-table-entry>....</loss-priority-map-table-entry>
  </loss-priority-map-table>
</loss-priority-map>
```

Description

<loss-priority-map-table>

Usage

```
<cos-loss-priority-map-information>
  <loss-priority-map>
    <loss-priority-map-table>
      <loss-priority-map-item>....</loss-priority-map-item>
      <table-index>
        table-index
      </table-index>
      <number-of-entries>
        number-of-entries
      </number-of-entries>
      <table-type>
        table-type
      </table-type>
      <loss-priority-map-table-entry>....</loss-priority-map-table-entry>
    </loss-priority-map-table>
  </loss-priority-map>
```

```
</cos-loss-priority-map-information>
```

Description

<loss-priority-map-table>

Usage

```
<cos-information>
  <cos-loss-priority-map-information>
    <loss-priority-map>
      <loss-priority-map-table>
        <loss-priority-map-item>....</loss-priority-map-item>
        <table-index>
          table-index
        </table-index>
        <number-of-entries>
          number-of-entries
        </number-of-entries>
        <table-type>
          table-type
        </table-type>
        <loss-priority-map-table-entry>....</loss-priority-map-table-entry>
      </loss-priority-map-table>
    </loss-priority-map>
  </cos-loss-priority-map-information>
</cos-information>
```

Description

<loss-priority-map-table>

Usage

```
<cos-loss-priority-map-table-information>
  <loss-priority-map-table>
    <loss-priority-map-item>....</loss-priority-map-item>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <loss-priority-map-table-entry>....</loss-priority-map-table-entry>
  </loss-priority-map-table>
</cos-loss-priority-map-table-information>
```

Description

<loss-priority-map-table>

Usage

```
<cos-table-information>
```

```
<cos-loss-priority-map-table-information>
  <loss-priority-map-table>
    <loss-priority-map-item>....</loss-priority-map-item>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <loss-priority-map-table-entry>....</loss-priority-map-table-entry>
  </loss-priority-map-table>
</cos-loss-priority-map-table-information>
</cos-table-information>
```

Description

<loss-priority-map-table-binding>

Usage

```
<cos-loss-priority-map-table-binding-information>
  <loss-priority-map-table-binding>
    <table-index>
      table-index
    </table-index>
    <table-type>
      table-type
    </table-type>
    <logical-interface>
      logical-interface
    </logical-interface>
    <logical-interface-index>
      logical-interface-index
    </logical-interface-index>
  </loss-priority-map-table-binding>
</cos-loss-priority-map-table-binding-information>
```

Description

<loss-priority-map-table-binding>

Usage

```
<cos-table-information>
  <cos-loss-priority-map-table-binding-information>
    <loss-priority-map-table-binding>
      <table-index>
        table-index
      </table-index>
      <table-type>
        table-type
      </table-type>
      <logical-interface>
```

```

    logical-interface
  </logical-interface>
  <logical-interface-index>
    logical-interface-index
  </logical-interface-index>
</loss-priority-map-table-binding>
</cos-loss-priority-map-table-binding-information>
</cos-table-information>

```

Description

<loss-priority-map-table-entry>

Usage

```

<loss-priority-map>
  <loss-priority-map-table>
    <loss-priority-map-table-entry>
      <table-index>
        table-index
      </table-index>
      <code-point>
        code-point
      </code-point>
      <loss-priority>
        loss-priority
      </loss-priority>
    </loss-priority-map-table-entry>
  </loss-priority-map-table>
</loss-priority-map>

```

Description

<loss-priority-map-table-entry>

Usage

```

<cos-loss-priority-map-information>
  <loss-priority-map>
    <loss-priority-map-table>
      <loss-priority-map-table-entry>
        <table-index>
          table-index
        </table-index>
        <code-point>
          code-point
        </code-point>
        <loss-priority>
          loss-priority
        </loss-priority>
      </loss-priority-map-table-entry>
    </loss-priority-map-table>
  </loss-priority-map>
</cos-loss-priority-map-information>

```

Description**<loss-priority-map-table-entry>****Usage**

```
<cos-information>
  <cos-loss-priority-map-information>
    <loss-priority-map>
      <loss-priority-map-table>
        <loss-priority-map-table-entry>
          <table-index>
            table-index
          </table-index>
          <code-point>
            code-point
          </code-point>
          <loss-priority>
            loss-priority
          </loss-priority>
        </loss-priority-map-table-entry>
      </loss-priority-map-table>
    </loss-priority-map>
  </cos-loss-priority-map-information>
</cos-information>
```

Description**<loss-priority-map-table-entry>****Usage**

```
<cos-loss-priority-map-table-information>
  <loss-priority-map-table>
    <loss-priority-map-table-entry>
      <table-index>
        table-index
      </table-index>
      <code-point>
        code-point
      </code-point>
      <loss-priority>
        loss-priority
      </loss-priority>
    </loss-priority-map-table-entry>
  </loss-priority-map-table>
</cos-loss-priority-map-table-information>
```

Description**<loss-priority-map-table-entry>****Usage**

```
<cos-table-information>
  <cos-loss-priority-map-table-information>
    <loss-priority-map-table>
      <loss-priority-map-table-entry>
```



```

<table-index>
  table-index
</table-index>
<code-point>
  code-point
</code-point>
<loss-priority>
  loss-priority
</loss-priority>
</loss-priority-map-table-entry>
</loss-priority-map-table>
</cos-loss-priority-map-table-information>
</cos-table-information>

```

Description

<policer-table-map>

Usage

```

<cos-policer-table-map-information>
  <policer-table-map>
    <p-interface>
      p-interface
    </p-interface>
    <p-interface-index>
      p-interface-index
    </p-interface-index>
    <policer-bandwidth>
      policer-bandwidth
    </policer-bandwidth>
    <policer-burst>
      policer-burst
    </policer-burst>
  </policer-table-map>
</cos-policer-table-map-information>

```

Description

<policer-table-map>

Usage

```

<cos-table-information>
  <cos-policer-table-map-information>
    <policer-table-map>
      <p-interface>
        p-interface
      </p-interface>
      <p-interface-index>
        p-interface-index
      </p-interface-index>
      <policer-bandwidth>
        policer-bandwidth
      </policer-bandwidth>
      <policer-burst>

```

```
    policer-burst
  </policer-burst>
</policer-table-map>
</cos-policer-table-map-information>
</cos-table-information>
```

Description

<policy>

Usage

```
<cos-scheduler-map-table-information>
  <policy>
    <interface>
      interface
    </interface>
    <interface-index>
      interface-index
    </interface-index>
    <policy-index>
      policy-index
    </policy-index>
    <policy-type>
      policy-type
    </policy-type>
    <policy-number-of-queues>
      policy-number-of-queues
    </policy-number-of-queues>
    <traffic-control-profile-name>
      traffic-control-profile-name
    </traffic-control-profile-name>
    <traffic-control-profile-index>
      traffic-control-profile-index
    </traffic-control-profile-index>
    <policy-entry>....</policy-entry>
  </policy>
</cos-scheduler-map-table-information>
```

Description

<policy>

Usage

```
<cos-table-information>
  <cos-scheduler-map-table-information>
    <policy>
      <interface>
        interface
      </interface>
      <interface-index>
        interface-index
      </interface-index>
      <policy-index>
        policy-index
```

```

</policy-index>
<policy-type>
  policy-type
</policy-type>
<policy-number-of-queues>
  policy-number-of-queues
</policy-number-of-queues>
<traffic-control-profile-name>
  traffic-control-profile-name
</traffic-control-profile-name>
<traffic-control-profile-index>
  traffic-control-profile-index
</traffic-control-profile-index>
<policy-entry>.....</policy-entry>
</policy>
</cos-scheduler-map-table-information>
</cos-table-information>

```

Description

<policy-entry>

Usage

```

<cos-scheduler-map-table-information>
<policy>
  <policy-entry>
    <table-index>
      table-index
    </table-index>
    <policy-entry-identifier>
      policy-entry-identifier
    </policy-entry-identifier>
    <fc-number>
      fc-number
    </fc-number>
    <fc-queue-number>
      fc-queue-number
    </fc-queue-number>
    <policy-transmit-rate>
      policy-transmit-rate
    </policy-transmit-rate>
    <policy-transmit-rate-percentage>
      policy-transmit-rate-percentage
    </policy-transmit-rate-percentage>
    <policy-transmit-rate-remainder>
      policy-transmit-rate-remainder
    </policy-transmit-rate-remainder>
    <policy-buffer-size-temporal>
      policy-buffer-size-temporal
    </policy-buffer-size-temporal>
    <policy-buffer-size-percentage>
      policy-buffer-size-percentage
    </policy-buffer-size-percentage>
    <policy-buffer-size-remainder>
      policy-buffer-size-remainder

```

```
</policy-buffer-size-remainder>
<policy-scheduling-priority>
  policy-scheduling-priority
</policy-scheduling-priority>
<policy-excess-priority>
  policy-excess-priority
</policy-excess-priority>
<policy-excess-rate-proportional>
  policy-excess-rate-proportional
</policy-excess-rate-proportional>
<policy-excess-rate-percentage>
  policy-excess-rate-percentage
</policy-excess-rate-percentage>
<policy-shaping-rate>
  policy-shaping-rate
</policy-shaping-rate>
<policy-shaping-rate-percentage>
  policy-shaping-rate-percentage
</policy-shaping-rate-percentage>
<policy-packet-loss-profile>.....</policy-packet-loss-profile>
<policy-exact>
  policy-exact
</policy-exact>
</policy-entry>
</policy>
</cos-scheduler-map-table-information>
```

Description

<policy-entry>

Usage

```
<cos-table-information>
<cos-scheduler-map-table-information>
<policy>
  <policy-entry>
    <table-index>
      table-index
    </table-index>
    <policy-entry-identifier>
      policy-entry-identifier
    </policy-entry-identifier>
    <fc-number>
      fc-number
    </fc-number>
    <fc-queue-number>
      fc-queue-number
    </fc-queue-number>
    <policy-transmit-rate>
      policy-transmit-rate
    </policy-transmit-rate>
    <policy-transmit-rate-percentage>
      policy-transmit-rate-percentage
    </policy-transmit-rate-percentage>
    <policy-transmit-rate-remainder>
```

```

    policy-transmit-rate-remainder
  </policy-transmit-rate-remainder>
  <policy-buffer-size-temporal>
    policy-buffer-size-temporal
  </policy-buffer-size-temporal>
  <policy-buffer-size-percentage>
    policy-buffer-size-percentage
  </policy-buffer-size-percentage>
  <policy-buffer-size-remainder>
    policy-buffer-size-remainder
  </policy-buffer-size-remainder>
  <policy-scheduling-priority>
    policy-scheduling-priority
  </policy-scheduling-priority>
  <policy-excess-priority>
    policy-excess-priority
  </policy-excess-priority>
  <policy-excess-rate-proportional>
    policy-excess-rate-proportional
  </policy-excess-rate-proportional>
  <policy-excess-rate-percentage>
    policy-excess-rate-percentage
  </policy-excess-rate-percentage>
  <policy-shaping-rate>
    policy-shaping-rate
  </policy-shaping-rate>
  <policy-shaping-rate-percentage>
    policy-shaping-rate-percentage
  </policy-shaping-rate-percentage>
  <policy-packet-loss-profile>....</policy-packet-loss-profile>
  <policy-exact>
    policy-exact
  </policy-exact>
</policy-entry>
</policy>
</cos-scheduler-map-table-information>
</cos-table-information>

```

Description

<policy-packet-loss-profile>

Usage

```

<cos-scheduler-map-table-information>
  <policy>
    <policy-entry>
      <policy-packet-loss-profile>
        <high-drop-profile-identifier>
          high-drop-profile-identifier
        </high-drop-profile-identifier>
        <medium-drop-profile-identifier>
          medium-drop-profile-identifier
        </medium-drop-profile-identifier>
        <low-drop-profile-identifier>
          low-drop-profile-identifier

```

```
</low-drop-profile-identifier>
<medium-high-drop-profile-identifier>
  medium-high-drop-profile-identifier
</medium-high-drop-profile-identifier>
<medium-low-drop-profile-identifier>
  medium-low-drop-profile-identifier
</medium-low-drop-profile-identifier>
<tcp-high-drop-profile-identifier>
  tcp-high-drop-profile-identifier
</tcp-high-drop-profile-identifier>
<tcp-low-drop-profile-identifier>
  tcp-low-drop-profile-identifier
</tcp-low-drop-profile-identifier>
</policy-packet-loss-profile>
</policy-entry>
</policy>
</cos-scheduler-map-table-information>
```

Description

<policy-packet-loss-profile>

Usage

```
<cos-table-information>
  <cos-scheduler-map-table-information>
    <policy>
      <policy-entry>
        <policy-packet-loss-profile>
          <high-drop-profile-identifier>
            high-drop-profile-identifier
          </high-drop-profile-identifier>
          <medium-drop-profile-identifier>
            medium-drop-profile-identifier
          </medium-drop-profile-identifier>
          <low-drop-profile-identifier>
            low-drop-profile-identifier
          </low-drop-profile-identifier>
          <medium-high-drop-profile-identifier>
            medium-high-drop-profile-identifier
          </medium-high-drop-profile-identifier>
          <medium-low-drop-profile-identifier>
            medium-low-drop-profile-identifier
          </medium-low-drop-profile-identifier>
          <tcp-high-drop-profile-identifier>
            tcp-high-drop-profile-identifier
          </tcp-high-drop-profile-identifier>
          <tcp-low-drop-profile-identifier>
            tcp-low-drop-profile-identifier
          </tcp-low-drop-profile-identifier>
        </policy-packet-loss-profile>
      </policy-entry>
    </policy>
  </cos-scheduler-map-table-information>
</cos-table-information>
```

Description**<profile-map>****Usage**

```
<drop-profile>
  <profile-map>
    <profile-map-item>....</profile-map-item>
  </profile-map>
</drop-profile>
```

Description**<profile-map>****Usage**

```
<cos-drop-profile-information>
  <drop-profile>
    <profile-map>
      <profile-map-item>....</profile-map-item>
    </profile-map>
  </drop-profile>
</cos-drop-profile-information>
```

Description**<profile-map>****Usage**

```
<cos-information>
  <cos-drop-profile-information>
    <drop-profile>
      <profile-map>
        <profile-map-item>....</profile-map-item>
      </profile-map>
    </drop-profile>
  </cos-drop-profile-information>
</cos-information>
```

Description**<profile-map-item>****Usage**

```
<drop-profile>
  <profile-map>
    <profile-map-item>
      <fill-level>
        fill-level
      </fill-level>
      <probability>
        probability
      </probability>
    </profile-map-item>
```

```
</profile-map>
</drop-profile>
```

Description

<profile-map-item>

Usage

```
<cos-drop-profile-information>
  <drop-profile>
    <profile-map>
      <profile-map-item>
        <fill-level>
          fill-level
        </fill-level>
        <probability>
          probability
        </probability>
      </profile-map-item>
    </profile-map>
  </drop-profile>
</cos-drop-profile-information>
```

Description

<profile-map-item>

Usage

```
<cos-information>
  <cos-drop-profile-information>
    <drop-profile>
      <profile-map>
        <profile-map-item>
          <fill-level>
            fill-level
          </fill-level>
          <probability>
            probability
          </probability>
        </profile-map-item>
      </profile-map>
    </drop-profile>
  </cos-drop-profile-information>
</cos-information>
```

Description

<red>

Usage

```
<cos-red-information>
  <red>
    <red-drop-profile-identifier>
      red-drop-profile-identifier
    </red-drop-profile-identifier>
  </red>
</cos-red-information>
```



```

</red-drop-profile-identifier>
<number-of-entries>
  number-of-entries
</number-of-entries>
<red-entry>....</red-entry>
</red>
</cos-red-information>

```

Description

<red>

Usage

```

<cos-table-information>
  <cos-red-information>
    <red>
      <red-drop-profile-identifier>
        red-drop-profile-identifier
      </red-drop-profile-identifier>
      <number-of-entries>
        number-of-entries
      </number-of-entries>
      <red-entry>....</red-entry>
    </red>
  </cos-red-information>
</cos-table-information>

```

Description

<red-entry>

Usage

```

<cos-red-information>
  <red>
    <red-entry>
      <red-entry-index>
        red-entry-index
      </red-entry-index>
      <red-fullness>
        red-fullness
      </red-fullness>
      <red-drop-probability>
        red-drop-probability
      </red-drop-probability>
    </red-entry>
  </red>
</cos-red-information>

```

Description

<red-entry>

Usage

```

<cos-table-information>

```

```
<cos-red-information>
  <red>
    <red-entry>
      <red-entry-index>
        red-entry-index
      </red-entry-index>
      <red-fullness>
        red-fullness
      </red-fullness>
      <red-drop-probability>
        red-drop-probability
      </red-drop-probability>
    </red-entry>
  </red>
</cos-red-information>
</cos-table-information>
```

Description**<rewrite>****Usage**

```
<rewrite>
  <rewrite-name>
    rewrite-name
  </rewrite-name>
  <code-point-type>
    code-point-type
  </code-point-type>
  <table-index>
    table-index
  </table-index>
  <rewrite-map>....</rewrite-map>
</rewrite>
```

Description Class-of-service drop profile**<rewrite>****Usage**

```
<cos-rewrite-information>
  <rewrite>
    <rewrite-name>
      rewrite-name
    </rewrite-name>
    <code-point-type>
      code-point-type
    </code-point-type>
    <table-index>
      table-index
    </table-index>
    <rewrite-map>....</rewrite-map>
  </rewrite>
```

</cos-rewrite-information>

Description Class-of-service drop profile

<rewrite>

Usage

```
<cos-information>
  <cos-rewrite-information>
    <rewrite>
      <rewrite-name>
        rewrite-name
      </rewrite-name>
      <code-point-type>
        code-point-type
      </code-point-type>
      <table-index>
        table-index
      </table-index>
      <rewrite-map>....</rewrite-map>
    </rewrite>
  </cos-rewrite-information>
</cos-information>
```

Description Class-of-service drop profile

<rewrite-map>

Usage

```
<rewrite>
  <rewrite-map>
    <rewrite-map-item>....</rewrite-map-item>
  </rewrite-map>
</rewrite>
```

Description

<rewrite-map>

Usage

```
<cos-rewrite-information>
  <rewrite>
    <rewrite-map>
      <rewrite-map-item>....</rewrite-map-item>
    </rewrite-map>
  </rewrite>
</cos-rewrite-information>
```

Description

<rewrite-map>

Usage

```
<cos-information>
  <cos-rewrite-information>
    <rewrite>
      <rewrite-map>
        <rewrite-map-item>....</rewrite-map-item>
      </rewrite-map>
    </rewrite>
  </cos-rewrite-information>
</cos-information>
```

Description

<rewrite-map-item>

Usage

```
<rewrite>
  <rewrite-map>
    <rewrite-map-item>
      <code-point>
        code-point
      </code-point>
      <fc-name>
        fc-name
      </fc-name>
      <loss-priority>
        loss-priority
      </loss-priority>
    </rewrite-map-item>
  </rewrite-map>
</rewrite>
```

Description

<rewrite-map-item>

Usage

```
<cos-rewrite-information>
  <rewrite>
    <rewrite-map>
      <rewrite-map-item>
        <code-point>
          code-point
        </code-point>
        <fc-name>
          fc-name
        </fc-name>
        <loss-priority>
          loss-priority
        </loss-priority>
      </rewrite-map-item>
    </rewrite-map>
```

```

    </rewrite>
  </cos-rewrite-information>

```

Description

<rewrite-map-item>

Usage

```

<cos-information>
  <cos-rewrite-information>
    <rewrite>
      <rewrite-map>
        <rewrite-map-item>
          <code-point>
            code-point
          </code-point>
          <fc-name>
            fc-name
          </fc-name>
          <loss-priority>
            loss-priority
          </loss-priority>
        </rewrite-map-item>
      </rewrite-map>
    </rewrite>
  </cos-rewrite-information>
</cos-information>

```

Description

<rewrite-table>

Usage

```

<cos-rewrite-table-information>
  <rewrite-table>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <rewrite-table-entry>....</rewrite-table-entry>
  </rewrite-table>
</cos-rewrite-table-information>

```

Description

<rewrite-table>

Usage

```

<cos-table-information>

```

```
<cos-rewrite-table-information>
  <rewrite-table>
    <table-index>
      table-index
    </table-index>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <table-type>
      table-type
    </table-type>
    <rewrite-table-entry>....</rewrite-table-entry>
  </rewrite-table>
</cos-rewrite-table-information>
</cos-table-information>
```

Description

<rewrite-table-entry>

Usage

```
<cos-rewrite-table-information>
  <rewrite-table>
    <rewrite-table-entry>
      <fc-queue-number>
        fc-queue-number
      </fc-queue-number>
      <rewrite-low-codepoint>
        rewrite-low-codepoint
      </rewrite-low-codepoint>
      <rewrite-low-enable-state>
        rewrite-low-enable-state
      </rewrite-low-enable-state>
      <rewrite-high-codepoint>
        rewrite-high-codepoint
      </rewrite-high-codepoint>
      <rewrite-high-enable-state>
        rewrite-high-enable-state
      </rewrite-high-enable-state>
      <rewrite-medium-codepoint>
        rewrite-medium-codepoint
      </rewrite-medium-codepoint>
      <rewrite-medium-enable-state>
        rewrite-medium-enable-state
      </rewrite-medium-enable-state>
      <rewrite-medium-low-codepoint>
        rewrite-medium-low-codepoint
      </rewrite-medium-low-codepoint>
      <rewrite-medium-low-enable-state>
        rewrite-medium-low-enable-state
      </rewrite-medium-low-enable-state>
      <rewrite-medium-high-codepoint>
        rewrite-medium-high-codepoint
      </rewrite-medium-high-codepoint>
      <rewrite-medium-high-enable-state>
```

```

        rewrite-medium-high-enable-state
      </rewrite-medium-high-enable-state>
    </rewrite-table-entry>
  </rewrite-table>
</cos-rewrite-table-information>

```

Description

<rewrite-table-entry>

Usage

```

<cos-table-information>
  <cos-rewrite-table-information>
    <rewrite-table>
      <rewrite-table-entry>
        <fc-queue-number>
          fc-queue-number
        </fc-queue-number>
        <rewrite-low-codepoint>
          rewrite-low-codepoint
        </rewrite-low-codepoint>
        <rewrite-low-enable-state>
          rewrite-low-enable-state
        </rewrite-low-enable-state>
        <rewrite-high-codepoint>
          rewrite-high-codepoint
        </rewrite-high-codepoint>
        <rewrite-high-enable-state>
          rewrite-high-enable-state
        </rewrite-high-enable-state>
        <rewrite-medium-codepoint>
          rewrite-medium-codepoint
        </rewrite-medium-codepoint>
        <rewrite-medium-enable-state>
          rewrite-medium-enable-state
        </rewrite-medium-enable-state>
        <rewrite-medium-low-codepoint>
          rewrite-medium-low-codepoint
        </rewrite-medium-low-codepoint>
        <rewrite-medium-low-enable-state>
          rewrite-medium-low-enable-state
        </rewrite-medium-low-enable-state>
        <rewrite-medium-high-codepoint>
          rewrite-medium-high-codepoint
        </rewrite-medium-high-codepoint>
        <rewrite-medium-high-enable-state>
          rewrite-medium-high-enable-state
        </rewrite-medium-high-enable-state>
      </rewrite-table-entry>
    </rewrite-table>
  </cos-rewrite-table-information>
</cos-table-information>

```

Description

<rewrite-table-map>

Usage

```
<cos-rewrite-table-map-information>
  <rewrite-table-map>
    <table-index>
      table-index
    </table-index>
    <table-type>
      table-type
    </table-type>
    <logical-interface>
      logical-interface
    </logical-interface>
    <logical-interface-index>
      logical-interface-index
    </logical-interface-index>
  </rewrite-table-map>
</cos-rewrite-table-map-information>
```

Description

<rewrite-table-map>

Usage

```
<cos-table-information>
  <cos-rewrite-table-map-information>
    <rewrite-table-map>
      <table-index>
        table-index
      </table-index>
      <table-type>
        table-type
      </table-type>
      <logical-interface>
        logical-interface
      </logical-interface>
      <logical-interface-index>
        logical-interface-index
      </logical-interface-index>
    </rewrite-table-map>
  </cos-rewrite-table-map-information>
</cos-table-information>
```

Description

<routing-instance-map>

Usage

```
<routing-instance-map>
  <routing-instance-name>
    routing-instance-name
  </routing-instance-name>
  <i-logical-map>....</i-logical-map>
```



```
</routing-instance-map>
```

Description Mapping between class-of-service objects and routing instances

<routing-instance-map>

Usage

```
<cos-routing-instance-information>
  <routing-instance-map>
    <routing-instance-name>
      routing-instance-name
    </routing-instance-name>
    <i-logical-map>....</i-logical-map>
  </routing-instance-map>
</cos-routing-instance-information>
```

Description Mapping between class-of-service objects and routing instances

<scheduler>

Usage

```
<scheduler-map>
  <scheduler>
    <fc-name>
      fc-name
    </fc-name>
    <scheduler-name>
      scheduler-name
    </scheduler-name>
    <scheduler-index>
      scheduler-index
    </scheduler-index>
    <scheduler-tx-rate>
      scheduler-tx-rate
    </scheduler-tx-rate>
    <scheduler-tx-limit>
      scheduler-tx-limit
    </scheduler-tx-limit>
    <scheduler-buffer-size>
      scheduler-buffer-size
    </scheduler-buffer-size>
    <scheduler-buffer-limit>
      scheduler-buffer-limit
    </scheduler-buffer-limit>
    <scheduler-priority>
      scheduler-priority
    </scheduler-priority>
    <scheduler-excess-priority>
      scheduler-excess-priority
    </scheduler-excess-priority>
    <scheduler-shaping-rate>
      scheduler-shaping-rate
    </scheduler-shaping-rate>
```

```
<scheduler-excess-rate>
  scheduler-excess-rate
</scheduler-excess-rate>
<scheduler-drop-profile-ln-index>
  scheduler-drop-profile-ln-index
</scheduler-drop-profile-ln-index>
<scheduler-drop-profile-ln>
  scheduler-drop-profile-ln
</scheduler-drop-profile-ln>
<scheduler-drop-profile-lt-index>
  scheduler-drop-profile-lt-index
</scheduler-drop-profile-lt-index>
<scheduler-drop-profile-lt>
  scheduler-drop-profile-lt
</scheduler-drop-profile-lt>
<scheduler-drop-profile-hn-index>
  scheduler-drop-profile-hn-index
</scheduler-drop-profile-hn-index>
<scheduler-drop-profile-hn>
  scheduler-drop-profile-hn
</scheduler-drop-profile-hn>
<scheduler-drop-profile-ht-index>
  scheduler-drop-profile-ht-index
</scheduler-drop-profile-ht-index>
<scheduler-drop-profile-ht>
  scheduler-drop-profile-ht
</scheduler-drop-profile-ht>
<scheduler-drop-profile-la-index>
  scheduler-drop-profile-la-index
</scheduler-drop-profile-la-index>
<scheduler-drop-profile-la>
  scheduler-drop-profile-la
</scheduler-drop-profile-la>
<scheduler-drop-profile-mla-index>
  scheduler-drop-profile-mla-index
</scheduler-drop-profile-mla-index>
<scheduler-drop-profile-mla>
  scheduler-drop-profile-mla
</scheduler-drop-profile-mla>
<scheduler-drop-profile-mha-index>
  scheduler-drop-profile-mha-index
</scheduler-drop-profile-mha-index>
<scheduler-drop-profile-mha>
  scheduler-drop-profile-mha
</scheduler-drop-profile-mha>
<scheduler-drop-profile-ma-index>
  scheduler-drop-profile-ma-index
</scheduler-drop-profile-ma-index>
<scheduler-drop-profile-ma>
  scheduler-drop-profile-ma
</scheduler-drop-profile-ma>
<scheduler-drop-profile-ha-index>
  scheduler-drop-profile-ha-index
</scheduler-drop-profile-ha-index>
<scheduler-drop-profile-ha>
  scheduler-drop-profile-ha
```

```

</scheduler-drop-profile-ha>
<drop-profile-map-set-type>
  drop-profile-map-set-type
</drop-profile-map-set-type>
</scheduler>
</scheduler-map>

```

Description

<scheduler>

Usage

```

<cos-scheduler-map-information>
  <scheduler-map>
    <scheduler>
      <fc-name>
        fc-name
      </fc-name>
      <scheduler-name>
        scheduler-name
      </scheduler-name>
      <scheduler-index>
        scheduler-index
      </scheduler-index>
      <scheduler-tx-rate>
        scheduler-tx-rate
      </scheduler-tx-rate>
      <scheduler-tx-limit>
        scheduler-tx-limit
      </scheduler-tx-limit>
      <scheduler-buffer-size>
        scheduler-buffer-size
      </scheduler-buffer-size>
      <scheduler-buffer-limit>
        scheduler-buffer-limit
      </scheduler-buffer-limit>
      <scheduler-priority>
        scheduler-priority
      </scheduler-priority>
      <scheduler-excess-priority>
        scheduler-excess-priority
      </scheduler-excess-priority>
      <scheduler-shaping-rate>
        scheduler-shaping-rate
      </scheduler-shaping-rate>
      <scheduler-excess-rate>
        scheduler-excess-rate
      </scheduler-excess-rate>
      <scheduler-drop-profile-ln-index>
        scheduler-drop-profile-ln-index
      </scheduler-drop-profile-ln-index>
      <scheduler-drop-profile-ln>
        scheduler-drop-profile-ln
      </scheduler-drop-profile-ln>
      <scheduler-drop-profile-lt-index>

```

```
    scheduler-drop-profile-lt-index
  </scheduler-drop-profile-lt-index>
  <scheduler-drop-profile-lt>
    scheduler-drop-profile-lt
  </scheduler-drop-profile-lt>
  <scheduler-drop-profile-hn-index>
    scheduler-drop-profile-hn-index
  </scheduler-drop-profile-hn-index>
  <scheduler-drop-profile-hn>
    scheduler-drop-profile-hn
  </scheduler-drop-profile-hn>
  <scheduler-drop-profile-ht-index>
    scheduler-drop-profile-ht-index
  </scheduler-drop-profile-ht-index>
  <scheduler-drop-profile-ht>
    scheduler-drop-profile-ht
  </scheduler-drop-profile-ht>
  <scheduler-drop-profile-la-index>
    scheduler-drop-profile-la-index
  </scheduler-drop-profile-la-index>
  <scheduler-drop-profile-la>
    scheduler-drop-profile-la
  </scheduler-drop-profile-la>
  <scheduler-drop-profile-mla-index>
    scheduler-drop-profile-mla-index
  </scheduler-drop-profile-mla-index>
  <scheduler-drop-profile-mla>
    scheduler-drop-profile-mla
  </scheduler-drop-profile-mla>
  <scheduler-drop-profile-mha-index>
    scheduler-drop-profile-mha-index
  </scheduler-drop-profile-mha-index>
  <scheduler-drop-profile-mha>
    scheduler-drop-profile-mha
  </scheduler-drop-profile-mha>
  <scheduler-drop-profile-ma-index>
    scheduler-drop-profile-ma-index
  </scheduler-drop-profile-ma-index>
  <scheduler-drop-profile-ma>
    scheduler-drop-profile-ma
  </scheduler-drop-profile-ma>
  <scheduler-drop-profile-ha-index>
    scheduler-drop-profile-ha-index
  </scheduler-drop-profile-ha-index>
  <scheduler-drop-profile-ha>
    scheduler-drop-profile-ha
  </scheduler-drop-profile-ha>
  <drop-profile-map-set-type>
    drop-profile-map-set-type
  </drop-profile-map-set-type>
</scheduler>
</scheduler-map>
</cos-scheduler-map-information>
```

Description**<scheduler-map>****Usage**

```

<scheduler-map>
  <scheduler-map-name>
    scheduler-map-name
  </scheduler-map-name>
  <scheduler-map-index>
    scheduler-map-index
  </scheduler-map-index>
  <scheduler>....</scheduler>
</scheduler-map>

```

Description Class-of-service scheduler map

<scheduler-map>**Usage**

```

<cos-scheduler-map-information>
  <scheduler-map>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <scheduler-map-index>
      scheduler-map-index
    </scheduler-map-index>
    <scheduler>....</scheduler>
  </scheduler-map>
</cos-scheduler-map-information>

```

Description Class-of-service scheduler map

<shaper-table-map>**Usage**

```

<cos-shaper-table-map-information>
  <shaper-table-map>
    <s-interface>
      s-interface
    </s-interface>
    <s-interface-index>
      s-interface-index
    </s-interface-index>
    <shaper-bandwidth>
      shaper-bandwidth
    </shaper-bandwidth>
    <shaper-burst>
      shaper-burst
    </shaper-burst>
  </shaper-table-map>

```

```
</cos-shaper-table-map-information>
```

Description

<shaper-table-map>

Usage

```
<cos-table-information>
  <cos-shaper-table-map-information>
    <shaper-table-map>
      <s-interface>
        s-interface
      </s-interface>
      <s-interface-index>
        s-interface-index
      </s-interface-index>
      <shaper-bandwidth>
        shaper-bandwidth
      </shaper-bandwidth>
      <shaper-burst>
        shaper-burst
      </shaper-burst>
    </shaper-table-map>
  </cos-shaper-table-map-information>
</cos-table-information>
```

Description

<sm-md-map>

Usage

```
<cos-multi-destination-information>
  <sm-md-map>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <scheduler-map-index>
      scheduler-map-index
    </scheduler-map-index>
  </sm-md-map>
</cos-multi-destination-information>
```

Description

<sm-md-map>

Usage

```
<cos-information>
  <cos-multi-destination-information>
    <sm-md-map>
      <scheduler-map-name>
        scheduler-map-name
      </scheduler-map-name>
      <scheduler-map-index>
```

```

        scheduler-map-index
      </scheduler-map-index>
    </sm-md-map>
  </cos-multi-destination-information>
</cos-information>

```

Description

<total-statistics>

Usage

```

<total-statistics>
  <total-pkts-high>
    total-pkts-high
  </total-pkts-high>
  <total-pkts-low>
    total-pkts-low
  </total-pkts-low>
  <total-bytes-high>
    total-bytes-high
  </total-bytes-high>
  <total-bytes-low>
    total-bytes-low
  </total-bytes-low>
  <total-pps-high>
    total-pps-high
  </total-pps-high>
  <total-pps-low>
    total-pps-low
  </total-pps-low>
  <total-bps-high>
    total-bps-high
  </total-bps-high>
  <total-bps-low>
    total-bps-low
  </total-bps-low>
</total-statistics>

```

Description Total statistics

<total-statistics>

Usage

```

<fpc-queue-information>
  <total-statistics>
    <total-pkts-high>
      total-pkts-high
    </total-pkts-high>
    <total-pkts-low>
      total-pkts-low
    </total-pkts-low>
    <total-bytes-high>
      total-bytes-high
    </total-bytes-high>
  </total-statistics>
</fpc-queue-information>

```

```
<total-bytes-low>
  total-bytes-low
</total-bytes-low>
<total-pps-high>
  total-pps-high
</total-pps-high>
<total-pps-low>
  total-pps-low
</total-pps-low>
<total-bps-high>
  total-bps-high
</total-bps-high>
<total-bps-low>
  total-bps-low
</total-bps-low>
</total-statistics>
</fpc-queue-information>
```

Description Total statistics

<total-statistics>

Usage

```
<fabric-queue-information>
<fpc-queue-information>
  <total-statistics>
    <total-pkts-high>
      total-pkts-high
    </total-pkts-high>
    <total-pkts-low>
      total-pkts-low
    </total-pkts-low>
    <total-bytes-high>
      total-bytes-high
    </total-bytes-high>
    <total-bytes-low>
      total-bytes-low
    </total-bytes-low>
    <total-pps-high>
      total-pps-high
    </total-pps-high>
    <total-pps-low>
      total-pps-low
    </total-pps-low>
    <total-bps-high>
      total-bps-high
    </total-bps-high>
    <total-bps-low>
      total-bps-low
    </total-bps-low>
  </total-statistics>
</fpc-queue-information>
</fabric-queue-information>
```


Description Total statistics

<traffic-control-profile>

Usage

```
<traffic-control-profile>
  <traffic-control-profile-name>
    traffic-control-profile-name
  </traffic-control-profile-name>
  <scheduler-map-name>
    scheduler-map-name
  </scheduler-map-name>
  <shaping-rate>
    shaping-rate
  </shaping-rate>
  <shaping-rate-priority-high>
    shaping-rate-priority-high
  </shaping-rate-priority-high>
  <shaping-rate-priority-medium>
    shaping-rate-priority-medium
  </shaping-rate-priority-medium>
  <shaping-rate-priority-low>
    shaping-rate-priority-low
  </shaping-rate-priority-low>
  <shaping-rate-excess-high>
    shaping-rate-excess-high
  </shaping-rate-excess-high>
  <shaping-rate-excess-low>
    shaping-rate-excess-low
  </shaping-rate-excess-low>
  <traffic-control-profile-index>
    traffic-control-profile-index
  </traffic-control-profile-index>
  <traffic-control-profile-instance>....</traffic-control-profile-instance>
  <guaranteed-rate>
    guaranteed-rate
  </guaranteed-rate>
  <delay-buffer-rate>
    delay-buffer-rate
  </delay-buffer-rate>
  <excess-rate>
    excess-rate
  </excess-rate>
  <overhead-bytes>
    overhead-bytes
  </overhead-bytes>
  <overhead-accounting-mode>
    overhead-accounting-mode
  </overhead-accounting-mode>
</traffic-control-profile>
```

Description Information about one or more traffic control profiles

<traffic-control-profile>

Usage

```
<cos-traffic-control-profile-information>
  <traffic-control-profile>
    <traffic-control-profile-name>
      traffic-control-profile-name
    </traffic-control-profile-name>
    <scheduler-map-name>
      scheduler-map-name
    </scheduler-map-name>
    <shaping-rate>
      shaping-rate
    </shaping-rate>
    <shaping-rate-priority-high>
      shaping-rate-priority-high
    </shaping-rate-priority-high>
    <shaping-rate-priority-medium>
      shaping-rate-priority-medium
    </shaping-rate-priority-medium>
    <shaping-rate-priority-low>
      shaping-rate-priority-low
    </shaping-rate-priority-low>
    <shaping-rate-excess-high>
      shaping-rate-excess-high
    </shaping-rate-excess-high>
    <shaping-rate-excess-low>
      shaping-rate-excess-low
    </shaping-rate-excess-low>
    <traffic-control-profile-index>
      traffic-control-profile-index
    </traffic-control-profile-index>
    <traffic-control-profile-instance>....</traffic-control-profile-instance>
    <guaranteed-rate>
      guaranteed-rate
    </guaranteed-rate>
    <delay-buffer-rate>
      delay-buffer-rate
    </delay-buffer-rate>
    <excess-rate>
      excess-rate
    </excess-rate>
    <overhead-bytes>
      overhead-bytes
    </overhead-bytes>
    <overhead-accounting-mode>
      overhead-accounting-mode
    </overhead-accounting-mode>
  </traffic-control-profile>
</cos-traffic-control-profile-information>
```

Description Information about one or more traffic control profiles

<traffic-control-profile-instance>

Usage

```

<traffic-control-profile-instance>
  <traffic-control-profile-instance-name>
    traffic-control-profile-instance-name
  </traffic-control-profile-instance-name>
  <traffic-control-profile-instance-index>
    traffic-control-profile-instance-index
  </traffic-control-profile-instance-index>
  <instance-reference-count>
    instance-reference-count
  </instance-reference-count>
</traffic-control-profile-instance>

```

Description Class-of-service traffic control profile instance

<traffic-control-profile-instance>

Usage

```

<traffic-control-profile>
  <traffic-control-profile-instance>
    <traffic-control-profile-instance-name>
      traffic-control-profile-instance-name
    </traffic-control-profile-instance-name>
    <traffic-control-profile-instance-index>
      traffic-control-profile-instance-index
    </traffic-control-profile-instance-index>
    <instance-reference-count>
      instance-reference-count
    </instance-reference-count>
  </traffic-control-profile-instance>
</traffic-control-profile>

```

Description Class-of-service traffic control profile instance

<traffic-control-profile-instance>

Usage

```

<cos-traffic-control-profile-information>
  <traffic-control-profile>
    <traffic-control-profile-instance>
      <traffic-control-profile-instance-name>
        traffic-control-profile-instance-name
      </traffic-control-profile-instance-name>
      <traffic-control-profile-instance-index>
        traffic-control-profile-instance-index
      </traffic-control-profile-instance-index>
      <instance-reference-count>
        instance-reference-count
      </instance-reference-count>
    </traffic-control-profile-instance>
  </traffic-control-profile>

```

```
</traffic-control-profile>
</cos-traffic-control-profile-information>
```

Description Class-of-service traffic control profile instance

<translation-table>

Usage

```
<translation-table>
  <translation-table-name>
    translation-table-name
  </translation-table-name>
  <translation-table-type>
    translation-table-type
  </translation-table-type>
  <table-index>
    table-index
  </table-index>
  <translation-table-map>....</translation-table-map>
  <number-of-entries>
    number-of-entries
  </number-of-entries>
  <translation-table-entry>....</translation-table-entry>
</translation-table>
```

Description Class-of-service code point translation table

<translation-table>

Usage

```
<cos-translation-table-map-information>
  <translation-table>
    <translation-table-name>
      translation-table-name
    </translation-table-name>
    <translation-table-type>
      translation-table-type
    </translation-table-type>
    <table-index>
      table-index
    </table-index>
    <translation-table-map>....</translation-table-map>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <translation-table-entry>....</translation-table-entry>
  </translation-table>
</cos-translation-table-map-information>
```

Description Class-of-service code point translation table

<translation-table>**Usage**

```

<cos-information>
  <cos-translation-table-map-information>
    <translation-table>
      <translation-table-name>
        translation-table-name
      </translation-table-name>
      <translation-table-type>
        translation-table-type
      </translation-table-type>
      <table-index>
        table-index
      </table-index>
      <translation-table-map>....</translation-table-map>
      <number-of-entries>
        number-of-entries
      </number-of-entries>
      <translation-table-entry>....</translation-table-entry>
    </translation-table>
  </cos-translation-table-map-information>
</cos-information>

```

Description Class-of-service code point translation table

<translation-table>**Usage**

```

<cos-translation-table-information>
  <translation-table>
    <translation-table-name>
      translation-table-name
    </translation-table-name>
    <translation-table-type>
      translation-table-type
    </translation-table-type>
    <table-index>
      table-index
    </table-index>
    <translation-table-map>....</translation-table-map>
    <number-of-entries>
      number-of-entries
    </number-of-entries>
    <translation-table-entry>....</translation-table-entry>
  </translation-table>
</cos-translation-table-information>

```

Description Class-of-service code point translation table

<translation-table-entry>

Usage

```
<translation-table>
  <translation-table-entry>
    <table-index>
      table-index
    </table-index>
    <from-code-point>
      from-code-point
    </from-code-point>
    <to-code-point>
      to-code-point
    </to-code-point>
  </translation-table-entry>
</translation-table>
```

Description

<translation-table-entry>

Usage

```
<cos-translation-table-map-information>
  <translation-table>
    <translation-table-entry>
      <table-index>
        table-index
      </table-index>
      <from-code-point>
        from-code-point
      </from-code-point>
      <to-code-point>
        to-code-point
      </to-code-point>
    </translation-table-entry>
  </translation-table>
</cos-translation-table-map-information>
```

Description

<translation-table-entry>

Usage

```
<cos-information>
  <cos-translation-table-map-information>
    <translation-table>
      <translation-table-entry>
        <table-index>
          table-index
        </table-index>
        <from-code-point>
          from-code-point
        </from-code-point>
        <to-code-point>
```

```

        to-code-point
      </to-code-point>
    </translation-table-entry>
  </translation-table>
</cos-translation-table-map-information>
</cos-information>

```

Description

<translation-table-entry>

Usage

```

<cos-translation-table-information>
  <translation-table>
    <translation-table-entry>
      <table-index>
        table-index
      </table-index>
      <from-code-point>
        from-code-point
      </from-code-point>
      <to-code-point>
        to-code-point
      </to-code-point>
    </translation-table-entry>
  </translation-table>
</cos-translation-table-information>

```

Description

<translation-table-map>

Usage

```

<translation-table>
  <translation-table-map>
    <translation-table-map-item>....</translation-table-map-item>
  </translation-table-map>
</translation-table>

```

Description

<translation-table-map>

Usage

```

<cos-translation-table-map-information>
  <translation-table>
    <translation-table-map>
      <translation-table-map-item>....</translation-table-map-item>
    </translation-table-map>
  </translation-table>
</cos-translation-table-map-information>

```

Description

<translation-table-map>

Usage

```
<cos-information>
  <cos-translation-table-map-information>
    <translation-table>
      <translation-table-map>
        <translation-table-map-item>....</translation-table-map-item>
      </translation-table-map>
    </translation-table>
  </cos-translation-table-map-information>
</cos-information>
```

Description

<translation-table-map>

Usage

```
<cos-translation-table-information>
  <translation-table>
    <translation-table-map>
      <translation-table-map-item>....</translation-table-map-item>
    </translation-table-map>
  </translation-table>
</cos-translation-table-information>
```

Description

<translation-table-map-item>

Usage

```
<translation-table>
  <translation-table-map>
    <translation-table-map-item>
      <from-code-point>
        from-code-point
      </from-code-point>
      <to-code-point>
        to-code-point
      </to-code-point>
    </translation-table-map-item>
  </translation-table-map>
</translation-table>
```

Description

<translation-table-map-item>

Usage

```
<cos-translation-table-map-information>
  <translation-table>
    <translation-table-map>
```



```

<translation-table-map-item>
  <from-code-point>
    from-code-point
  </from-code-point>
  <to-code-point>
    to-code-point
  </to-code-point>
</translation-table-map-item>
</translation-table>
</cos-translation-table-map-information>

```

Description

<translation-table-map-item>

Usage

```

<cos-information>
  <cos-translation-table-map-information>
    <translation-table>
      <translation-table-map>
        <translation-table-map-item>
          <from-code-point>
            from-code-point
          </from-code-point>
          <to-code-point>
            to-code-point
          </to-code-point>
        </translation-table-map-item>
      </translation-table-map>
    </translation-table>
  </cos-translation-table-map-information>
</cos-information>

```

Description

<translation-table-map-item>

Usage

```

<cos-translation-table-information>
  <translation-table>
    <translation-table-map>
      <translation-table-map-item>
        <from-code-point>
          from-code-point
        </from-code-point>
        <to-code-point>
          to-code-point
        </to-code-point>
      </translation-table-map-item>
    </translation-table-map>
  </translation-table>
</cos-translation-table-information>

```

Description**<translation-table-mapping>****Usage**

```
<cos-translation-table-mapping-information>
  <translation-table-mapping>
    <table-index>
      table-index
    </table-index>
    <translation-table-type>
      translation-table-type
    </translation-table-type>
    <logical-interface>
      logical-interface
    </logical-interface>
    <logical-interface-index>
      logical-interface-index
    </logical-interface-index>
  </translation-table-mapping>
</cos-translation-table-mapping-information>
```

Description**<trigger-item>****Usage**

```
<adaptive-shaper>
  <trigger-item>
    <trigger-type>
      trigger-type
    </trigger-type>
    <adaptive-shaping-rate>
      adaptive-shaping-rate
    </adaptive-shaping-rate>
  </trigger-item>
</adaptive-shaper>
```

Description**<trigger-item>****Usage**

```
<cos-adaptive-shaper-information>
  <adaptive-shaper>
    <trigger-item>
      <trigger-type>
        trigger-type
      </trigger-type>
      <adaptive-shaping-rate>
        adaptive-shaping-rate
      </adaptive-shaping-rate>
    </trigger-item>
  </adaptive-shaper>
```

```
</cos-adaptive-shaper-information>
```

Description

```
<tx-statistics>
```

Usage

```
<tx-statistics>
  <tx-pkts-high>
    tx-pkts-high
  </tx-pkts-high>
  <tx-pkts-low>
    tx-pkts-low
  </tx-pkts-low>
  <tx-bytes-high>
    tx-bytes-high
  </tx-bytes-high>
  <tx-bytes-low>
    tx-bytes-low
  </tx-bytes-low>
  <tx-pps-high>
    tx-pps-high
  </tx-pps-high>
  <tx-pps-low>
    tx-pps-low
  </tx-pps-low>
  <tx-bps-high>
    tx-bps-high
  </tx-bps-high>
  <tx-bps-low>
    tx-bps-low
  </tx-bps-low>
</tx-statistics>
```

Description Tx statistics

```
<tx-statistics>
```

Usage

```
<fpc-queue-information>
  <tx-statistics>
    <tx-pkts-high>
      tx-pkts-high
    </tx-pkts-high>
    <tx-pkts-low>
      tx-pkts-low
    </tx-pkts-low>
    <tx-bytes-high>
      tx-bytes-high
    </tx-bytes-high>
    <tx-bytes-low>
      tx-bytes-low
    </tx-bytes-low>
    <tx-pps-high>
```

```
    tx-pps-high
  </tx-pps-high>
  <tx-pps-low>
    tx-pps-low
  </tx-pps-low>
  <tx-bps-high>
    tx-bps-high
  </tx-bps-high>
  <tx-bps-low>
    tx-bps-low
  </tx-bps-low>
</tx-statistics>
</fpc-queue-information>
```

Description Tx statistics

<tx-statistics>

Usage

```
<fabric-queue-information>
  <fpc-queue-information>
    <tx-statistics>
      <tx-pkts-high>
        tx-pkts-high
      </tx-pkts-high>
      <tx-pkts-low>
        tx-pkts-low
      </tx-pkts-low>
      <tx-bytes-high>
        tx-bytes-high
      </tx-bytes-high>
      <tx-bytes-low>
        tx-bytes-low
      </tx-bytes-low>
      <tx-pps-high>
        tx-pps-high
      </tx-pps-high>
      <tx-pps-low>
        tx-pps-low
      </tx-pps-low>
      <tx-bps-high>
        tx-bps-high
      </tx-bps-high>
      <tx-bps-low>
        tx-bps-low
      </tx-bps-low>
    </tx-statistics>
  </fpc-queue-information>
</fabric-queue-information>
```

Description Tx statistics

<virtual-channel>**Usage**

```
<virtual-channel>
  <virtual-channel-name>
    virtual-channel-name
  </virtual-channel-name>
  <table-index>
    table-index
  </table-index>
</virtual-channel>
```

Description Class-of-service virtual channel

<virtual-channel>**Usage**

```
<cos-virtual-channel-information>
  <virtual-channel>
    <virtual-channel-name>
      virtual-channel-name
    </virtual-channel-name>
    <table-index>
      table-index
    </table-index>
  </virtual-channel>
</cos-virtual-channel-information>
```

Description Class-of-service virtual channel

<virtual-channel-group>**Usage**

```
<virtual-channel-group>
  <virtual-channel-group-name>
    virtual-channel-group-name
  </virtual-channel-group-name>
  <table-index>
    table-index
  </table-index>
  <channel>....</channel>
</virtual-channel-group>
```

Description Class-of-service virtual channel group

<virtual-channel-group>**Usage**

```
<cos-virtual-channel-group-information>
  <virtual-channel-group>
    <virtual-channel-group-name>
```

```
        virtual-channel-group-name
      </virtual-channel-group-name>
    <table-index>
      table-index
    </table-index>
    <channel>....</channel>
  </virtual-channel-group>
</cos-virtual-channel-group-information>
```

Description Class-of-service virtual channel group

Summary of Database Replication Response Tags

<database-replication-statistics-information>

Usage

```
<database-replication-statistics-information>
  <dropped-connections-total>
    dropped-connections-total
  </dropped-connections-total>
  <max-buffer-count>
    max-buffer-count
  </max-buffer-count>
  <msg-received-bytes>
    msg-received-bytes
  </msg-received-bytes>
  <msgs-received-total>
    msgs-received-total
  </msgs-received-total>
  <msg-sent-bytes>
    msg-sent-bytes
  </msg-sent-bytes>
  <msgs-sent-total>
    msgs-sent-total
  </msgs-sent-total>
  <queue-full-total>
    queue-full-total
  </queue-full-total>
  <queue-max-size>
    queue-max-size
  </queue-max-size>
</database-replication-statistics-information>
```

Description Statistics from the database replication

<database-replication-summary-information>

Usage

```
<database-replication-summary-information>
  <replication-graceful-restart-type>
    replication-graceful-restart-type
  </replication-graceful-restart-type>
```

```
<replication-mastership-type>
  replication-mastership-type
</replication-mastership-type>
<replication-connection-type>
  replication-connection-type
</replication-connection-type>
<replication-database-type>
  replication-database-type
</replication-database-type>
<replication-queue-type>
  replication-queue-type
</replication-queue-type>
</database-replication-summary-information>
```

Description General state information about the database replication status

Summary of Dynamic Flow Capture Response Tags

<content-destination-information>

Usage

```
<dfc-information>
  <content-destination-information>
    <capture-group-id>
      capture-group-id
    </capture-group-id>
    <content-destination-id>
      content-destination-id
    </content-destination-id>
    <criteria>
      criteria
    </criteria>
    <bandwidth>
      bandwidth
    </bandwidth>
    <average-bandwidth>
      average-bandwidth
    </average-bandwidth>
    <matched-packets>
      matched-packets
    </matched-packets>
    <matched-bytes>
      matched-bytes
    </matched-bytes>
    <dropped-packets>
      dropped-packets
    </dropped-packets>
    <congestion-notifications>
      congestion-notifications
    </congestion-notifications>
  </content-destination-information>
</dfc-information>
```

Description

<control-source-information>

Usage

```
<dfc-information>
  <control-source-information>
    <capture-group-id>
      capture-group-id
    </capture-group-id>
    <control-source-id>
      control-source-id
    </control-source-id>
    <criteria-added>
      criteria-added
    </criteria-added>
    <criteria-add-failed>
      criteria-add-failed
    </criteria-add-failed>
    <active-criteria>
      active-criteria
    </active-criteria>
    <active-criteria-static>
      active-criteria-static
    </active-criteria-static>
    <active-criteria-dynamic>
      active-criteria-dynamic
    </active-criteria-dynamic>
    <control-protocol-requests>
      control-protocol-requests
    </control-protocol-requests>
    <control-protocol-requests-add>
      control-protocol-requests-add
    </control-protocol-requests-add>
    <control-protocol-requests-delete>
      control-protocol-requests-delete
    </control-protocol-requests-delete>
    <control-protocol-requests-list>
      control-protocol-requests-list
    </control-protocol-requests-list>
    <control-protocol-requests-refresh>
      control-protocol-requests-refresh
    </control-protocol-requests-refresh>
    <control-protocol-requests-noop>
      control-protocol-requests-noop
    </control-protocol-requests-noop>
    <control-protocol-requests-add-failed>
      control-protocol-requests-add-failed
    </control-protocol-requests-add-failed>
    <control-protocol-requests-delete-failed>
      control-protocol-requests-delete-failed
    </control-protocol-requests-delete-failed>
    <control-protocol-requests-list-failed>
      control-protocol-requests-list-failed
    </control-protocol-requests-list-failed>
    <control-protocol-requests-refresh-failed>
```



```
control-protocol-requests-refresh-failed
</control-protocol-requests-refresh-failed>
<control-protocol-requests-noop-failed>
control-protocol-requests-noop-failed
</control-protocol-requests-noop-failed>
<add-request-rate>
add-request-rate
</add-request-rate>
<add-request-peak-rate>
add-request-peak-rate
</add-request-peak-rate>
<bandwidth-all>
bandwidth-all
</bandwidth-all>
<notifications>
notifications
</notifications>
<notifications-restart>
notifications-restart
</notifications-restart>
<notifications-rollover>
notifications-rollover
</notifications-rollover>
<notifications-noop>
notifications-noop
</notifications-noop>
<notifications-timeout>
notifications-timeout
</notifications-timeout>
<notifications-congestion>
notifications-congestion
</notifications-congestion>
<notifications-congestion-delete>
notifications-congestion-delete
</notifications-congestion-delete>
<notifications-dups-dropped>
notifications-dups-dropped
</notifications-dups-dropped>
<criteria-deleted>
criteria-deleted
</criteria-deleted>
<criteria-deleted-timeout-idle>
criteria-deleted-timeout-idle
</criteria-deleted-timeout-idle>
<criteria-deleted-timeout-total>
criteria-deleted-timeout-total
</criteria-deleted-timeout-total>
<criteria-deleted-packets>
criteria-deleted-packets
</criteria-deleted-packets>
<criteria-deleted-bytes>
criteria-deleted-bytes
</criteria-deleted-bytes>
<sequence-number>
sequence-number
</sequence-number>
```

```
</control-source-information>
</dfc-information>
```

Description

<dfc-information>

Usage

```
<dfc-information>
  <control-source-information>....</control-source-information>
  <content-destination-information>....</content-destination-information>
  <dfc-statistics-information>....</dfc-statistics-information>
</dfc-information>
```

Description

<dfc-statistics-information>

Usage

```
<dfc-information>
  <dfc-statistics-information>
    <capture-group-id>
      capture-group-id
    </capture-group-id>
    <input-packets-control-protocol>
      input-packets-control-protocol
    </input-packets-control-protocol>
    <input-packets-cap-data>
      input-packets-cap-data
    </input-packets-cap-data>
    <input-packets-control-iri>
      input-packets-control-iri
    </input-packets-control-iri>
    <input-packets-control-protocol-not-ip>
      input-packets-control-protocol-not-ip
    </input-packets-control-protocol-not-ip>
    <input-packets-control-protocol-not-udp>
      input-packets-control-protocol-not-udp
    </input-packets-control-protocol-not-udp>
    <input-packets-control-protocol-invalid-dest-ip>
      input-packets-control-protocol-invalid-dest-ip
    </input-packets-control-protocol-invalid-dest-ip>
    <input-packets-control-protocol-drop-other>
      input-packets-control-protocol-drop-other
    </input-packets-control-protocol-drop-other>
    <input-packets-control-protocol-drop-no-memory>
      input-packets-control-protocol-drop-no-memory
    </input-packets-control-protocol-drop-no-memory>
    <input-packets-control-protocol-drop-unauthorized>
      input-packets-control-protocol-drop-unauthorized
    </input-packets-control-protocol-drop-unauthorized>
    <input-packets-control-protocol-drop-bad-req>
      input-packets-control-protocol-drop-bad-req
    </input-packets-control-protocol-drop-bad-req>
```

```
<input-packets-control-protocol-drop-unknown-control-source>
  input-packets-control-protocol-drop-unknown-control-source
</input-packets-control-protocol-drop-unknown-control-source>
<input-packets-control-protocol-drop-not-dtcp>
  input-packets-control-protocol-drop-not-dtcp
</input-packets-control-protocol-drop-not-dtcp>
<input-packets-control-protocol-drop-bad-cmdline>
  input-packets-control-protocol-drop-bad-cmdline
</input-packets-control-protocol-drop-bad-cmdline>
<input-packets-control-protocol-drop-bandwidth-exceeded>
  input-packets-control-protocol-drop-bandwidth-exceeded
</input-packets-control-protocol-drop-bandwidth-exceeded>
<input-packets-control-protocol-drop-rate-bandwidth-exceeded>
  input-packets-control-protocol-drop-rate-bandwidth-exceeded
</input-packets-control-protocol-drop-rate-bandwidth-exceeded>
<input-packets-drop-unknown>
  input-packets-drop-unknown
</input-packets-drop-unknown>
<input-packets-drop-cap-data-not-ipv4>
  input-packets-drop-cap-data-not-ipv4
</input-packets-drop-cap-data-not-ipv4>
<input-packets-drop-cap-data-too-small>
  input-packets-drop-cap-data-too-small
</input-packets-drop-cap-data-too-small>
<input-packets-drop-cap-data-drop>
  input-packets-drop-cap-data-drop
</input-packets-drop-cap-data-drop>
<input-packets-drop-cap-data-nomatch>
  input-packets-drop-cap-data-nomatch
</input-packets-drop-cap-data-nomatch>
<input-packets-drop-bandwidth-exceeded>
  input-packets-drop-bandwidth-exceeded
</input-packets-drop-bandwidth-exceeded>
<input-packets-drop-rate-bandwidth-exceeded>
  input-packets-drop-rate-bandwidth-exceeded
</input-packets-drop-rate-bandwidth-exceeded>
<output-packets-control-protocol>
  output-packets-control-protocol
</output-packets-control-protocol>
<output-packets-cap-data>
  output-packets-cap-data
</output-packets-cap-data>
<output-packets-drop-control-protocol>
  output-packets-drop-control-protocol
</output-packets-drop-control-protocol>
<output-packets-drop-cap-data>
  output-packets-drop-cap-data
</output-packets-drop-cap-data>
<flowstats-active-cache-entries-count>
  flowstats-active-cache-entries-count
</flowstats-active-cache-entries-count>
<flowstats-active-cache-usage-percentage>
  flowstats-active-cache-usage-percentage
</flowstats-active-cache-usage-percentage>
<flowstats-cache-entries-allocated>
  flowstats-cache-entries-allocated
```

```
</flowstats-cache-entries-allocated>
<flowstats-control-source-count>
  flowstats-control-source-count
</flowstats-control-source-count>
<flowstats-content-destination-count>
  flowstats-content-destination-count
</flowstats-content-destination-count>
<flowstats-criteria-count>
  flowstats-criteria-count
</flowstats-criteria-count>
<flowstats-maximum-criteria-matching-flow>
  flowstats-maximum-criteria-matching-flow
</flowstats-maximum-criteria-matching-flow>
<flowstats-purged-flows>
  flowstats-purged-flows
</flowstats-purged-flows>
<flowstats-maximum-filter-matching-packet>
  flowstats-maximum-filter-matching-packet
</flowstats-maximum-filter-matching-packet>
</dfc-statistics-information>
</dfc-information>
```

Description

Summary of DHCP Relay Response Tags ---

<binding-summary>

Usage

```
<dhcp-relay-binding-information>
<binding-summary>
  <binding-count>
    binding-count
  </binding-count>
  <init-count>
    init-count
  </init-count>
  <bound-count>
    bound-count
  </bound-count>
  <selecting-count>
    selecting-count
  </selecting-count>
  <requesting-count>
    requesting-count
  </requesting-count>
  <renewing-count>
    renewing-count
  </renewing-count>
  <rebinding-count>
    rebinding-count
  </rebinding-count>
  <releasing-count>
    releasing-count
```

```

    </releasing-count>
    <restore-count>
      restore-count
    </restore-count>
  </binding-summary>
</dhcp-relay-binding-information>

```

Description

<dhcp-binding>

Usage

```

<dhcp-relay-binding-information>
  <dhcp-binding>
    <allocated-address>
      allocated-address
    </allocated-address>
    <mac-address>
      mac-address
    </mac-address>
    <lease-expires>
      lease-expires
    </lease-expires>
    <lease-start-time>
      lease-start-time
    </lease-start-time>
    <lease-end-time>
      lease-end-time
    </lease-end-time>
    <lease-state>
      lease-state
    </lease-state>
    <interface-name>
      interface-name
    </interface-name>
    <vlan-id>
      vlan-id
    </vlan-id>
    <svlan-id>
      svlan-id
    </svlan-id>
    <demux-interface-name>
      demux-interface-name
    </demux-interface-name>
    <server-ip-address>
      server-ip-address
    </server-ip-address>
    <server-interface-name>
      server-interface-name
    </server-interface-name>
    <bootp-relay-address>
      bootp-relay-address
    </bootp-relay-address>
    <previous-bootp-relay-address>
      previous-bootp-relay-address

```

```
</previous-bootp-relay-address>
<session-id>
  session-id
</session-id>
<pool-name>
  pool-name
</pool-name>
<profile-name>
  profile-name
</profile-name>
<dhcp-lease-binding-type>
  dhcp-lease-binding-type
</dhcp-lease-binding-type>
<client-id-len>
  client-id-len
</client-id-len>
<client-id>
  client-id
</client-id>
<alt-client-id-len>
  alt-client-id-len
</alt-client-id-len>
<alt-client-id>
  alt-client-id
</alt-client-id>
<client-option-type>
  client-option-type
</client-option-type>
<client-option-len>
  client-option-len
</client-option-len>
<client-option-data>
  client-option-data
</client-option-data>
<option-82-length-from-client>
  option-82-length-from-client
</option-82-length-from-client>
<option-82-data-from-client>
  option-82-data-from-client
</option-82-data-from-client>
<hardware-type>
  hardware-type
</hardware-type>
<logical-system-routing-instance>
  logical-system-routing-instance
</logical-system-routing-instance>
<bridge-domain>
  bridge-domain
</bridge-domain>
<retail-logical-system-routing-instance>
  retail-logical-system-routing-instance
</retail-logical-system-routing-instance>
<retail-bridge-domain>
  retail-bridge-domain
</retail-bridge-domain>
<wholesale-logical-system-routing-instance>
```

```

    wholesale-logical-system-routing-instance
  </wholesale-logical-system-routing-instance>
  <wholesale-bridge-domain>
    wholesale-bridge-domain
  </wholesale-bridge-domain>
  <antispoof-filter-name>
    antispoof-filter-name
  </antispoof-filter-name>
  <antispoof-filter-flags>
    antispoof-filter-flags
  </antispoof-filter-flags>
  <antispoof-filter-state>
    antispoof-filter-state
  </antispoof-filter-state>
  <antispoof-filter-type>
    antispoof-filter-type
  </antispoof-filter-type>
  <antispoof-filter-term-id>
    antispoof-filter-term-id
  </antispoof-filter-term-id>
  <antispoof-filter-action>
    antispoof-filter-action
  </antispoof-filter-action>
  <antispoof-filter-parent>
    antispoof-filter-parent
  </antispoof-filter-parent>
  <antispoof-filter-owner>
    antispoof-filter-owner
  </antispoof-filter-owner>
  <authentication-num-servers>
    authentication-num-servers
  </authentication-num-servers>
  <client-stale-count>
    client-stale-count
  </client-stale-count>
  <auth-client-limit>
    auth-client-limit
  </auth-client-limit>
  <auth-relay-server-group>
    auth-relay-server-group
  </auth-relay-server-group>
</dhcp-binding>
</dhcp-relay-binding-information>

```

Description Information about the address assigned to a Dynamic Host Configuration Protocol client

<dhcp-relay-binding-information>

Usage

```

<dhcp-relay-binding-information>
  <binding-summary>.....</binding-summary>
  <dhcp-binding>.....</dhcp-binding>
</dhcp-relay-binding-information>

```

Description Information about the address assigned to each of one or more Dynamic Host Configuration Protocol clients

<dhcp-relay-statistics-information>

Usage

```
<dhcp-relay-statistics-information>
  <dropped-packet-total>
    dropped-packet-total
  </dropped-packet-total>
  <dropped-packet-bad-hardware>
    dropped-packet-bad-hardware
  </dropped-packet-bad-hardware>
  <dropped-packet-bad-opcode>
    dropped-packet-bad-opcode
  </dropped-packet-bad-opcode>
  <dropped-packet-bad-options>
    dropped-packet-bad-options
  </dropped-packet-bad-options>
  <dropped-packet-invalid-server-address>
    dropped-packet-invalid-server-address
  </dropped-packet-invalid-server-address>
  <dropped-packet-no-addresses>
    dropped-packet-no-addresses
  </dropped-packet-no-addresses>
  <dropped-packet-no-interface>
    dropped-packet-no-interface
  </dropped-packet-no-interface>
  <dropped-packet-no-routing-instance>
    dropped-packet-no-routing-instance
  </dropped-packet-no-routing-instance>
  <dropped-packet-no-local-address>
    dropped-packet-no-local-address
  </dropped-packet-no-local-address>
  <dropped-packet-too-short>
    dropped-packet-too-short
  </dropped-packet-too-short>
  <dropped-packet-read-error>
    dropped-packet-read-error
  </dropped-packet-read-error>
  <dropped-packet-send-error>
    dropped-packet-send-error
  </dropped-packet-send-error>
  <dropped-packet-option-60>
    dropped-packet-option-60
  </dropped-packet-option-60>
  <dropped-packet-option-82>
    dropped-packet-option-82
  </dropped-packet-option-82>
  <dropped-packet-authentication>
    dropped-packet-authentication
  </dropped-packet-authentication>
  <dropped-packet-dynamic-profile>
    dropped-packet-dynamic-profile
  </dropped-packet-dynamic-profile>
```



```

<dropped-packet-license>
  dropped-packet-license
</dropped-packet-license>
<message-table>....</message-table>
<forwarded-packets-total>
  forwarded-packets-total
</forwarded-packets-total>
<forwarded-bootrequest-packets>
  forwarded-bootrequest-packets
</forwarded-bootrequest-packets>
<forwarded-bootreply-packets>
  forwarded-bootreply-packets
</forwarded-bootreply-packets>
</dhcp-relay-statistics-information>

```

Description Statistics from the Dynamic Host Configuration Protocol Relay

<message>

Usage

```

<dhcp-relay-statistics-information>
  <message-table>
    <message>
      <message-name>
        message-name
      </message-name>
      <message-count>
        message-count
      </message-count>
    </message>
  </message-table>
</dhcp-relay-statistics-information>

```

Description Information about a DHCP or BOOTP message

<message-table>

Usage

```

<dhcp-relay-statistics-information>
  <message-table>
    <message-direction>
      message-direction
    </message-direction>
    <message>....</message>
  </message-table>
</dhcp-relay-statistics-information>

```

Description Information about one or more DHCP or bootstrap protocol (BOOTP) messages sent or received by the DHCP relay

Summary of DHCP Server Response Tags

<binding-summary>

Usage

```
<dhcp-server-binding-information>
  <binding-summary>
    <binding-count>
      binding-count
    </binding-count>
    <init-count>
      init-count
    </init-count>
    <bound-count>
      bound-count
    </bound-count>
    <selecting-count>
      selecting-count
    </selecting-count>
    <requesting-count>
      requesting-count
    </requesting-count>
    <renewing-count>
      renewing-count
    </renewing-count>
    <releasing-count>
      releasing-count
    </releasing-count>
    <restore-count>
      restore-count
    </restore-count>
  </binding-summary>
</dhcp-server-binding-information>
```

Description

<dhcp-binding>

Usage

```
<dhcp-server-binding-information>
  <dhcp-binding>
    <allocated-address>
      allocated-address
    </allocated-address>
    <mac-address>
      mac-address
    </mac-address>
    <lease-expires>
      lease-expires
    </lease-expires>
    <lease-start-time>
      lease-start-time
    </lease-start-time>
    <lease-end-time>
```

```
    lease-end-time
  </lease-end-time>
  <lease-state>
    lease-state
  </lease-state>
  <interface-name>
    interface-name
  </interface-name>
  <vlan-id>
    vlan-id
  </vlan-id>
  <svlan-id>
    svlan-id
  </svlan-id>
  <demux-interface-name>
    demux-interface-name
  </demux-interface-name>
  <server-ip-address>
    server-ip-address
  </server-ip-address>
  <bootp-relay-address>
    bootp-relay-address
  </bootp-relay-address>
  <previous-bootp-relay-address>
    previous-bootp-relay-address
  </previous-bootp-relay-address>
  <session-id>
    session-id
  </session-id>
  <pool-name>
    pool-name
  </pool-name>
  <profile-name>
    profile-name
  </profile-name>
  <dhcp-lease-binding-type>
    dhcp-lease-binding-type
  </dhcp-lease-binding-type>
  <client-id-len>
    client-id-len
  </client-id-len>
  <client-id>
    client-id
  </client-id>
  <alt-client-id-len>
    alt-client-id-len
  </alt-client-id-len>
  <alt-client-id>
    alt-client-id
  </alt-client-id>
  <client-option-type>
    client-option-type
  </client-option-type>
  <client-option-len>
    client-option-len
  </client-option-len>
```

```
<client-option-data>
  client-option-data
</client-option-data>
<option-82-length-from-client>
  option-82-length-from-client
</option-82-length-from-client>
<option-82-data-from-client>
  option-82-data-from-client
</option-82-data-from-client>
<hardware-type>
  hardware-type
</hardware-type>
<logical-system-routing-instance>
  logical-system-routing-instance
</logical-system-routing-instance>
<bridge-domain>
  bridge-domain
</bridge-domain>
<retail-logical-system-routing-instance>
  retail-logical-system-routing-instance
</retail-logical-system-routing-instance>
<retail-bridge-domain>
  retail-bridge-domain
</retail-bridge-domain>
<wholesale-logical-system-routing-instance>
  wholesale-logical-system-routing-instance
</wholesale-logical-system-routing-instance>
<wholesale-bridge-domain>
  wholesale-bridge-domain
</wholesale-bridge-domain>
<antispoof-filter-name>
  antispoof-filter-name
</antispoof-filter-name>
<antispoof-filter-flags>
  antispoof-filter-flags
</antispoof-filter-flags>
<antispoof-filter-state>
  antispoof-filter-state
</antispoof-filter-state>
<antispoof-filter-type>
  antispoof-filter-type
</antispoof-filter-type>
<antispoof-filter-term-id>
  antispoof-filter-term-id
</antispoof-filter-term-id>
<antispoof-filter-action>
  antispoof-filter-action
</antispoof-filter-action>
<antispoof-filter-parent>
  antispoof-filter-parent
</antispoof-filter-parent>
<antispoof-filter-owner>
  antispoof-filter-owner
</antispoof-filter-owner>
<authentication-num-servers>
  authentication-num-servers
```

```

</authentication-num-servers>
<client-stale-count>
  client-stale-count
</client-stale-count>
<auth-client-limit>
  auth-client-limit
</auth-client-limit>
<auth-relay-server-group>
  auth-relay-server-group
</auth-relay-server-group>
</dhcp-binding>
</dhcp-server-binding-information>

```

Description Information about the address assigned to a Dynamic Host Configuration Protocol client

<dhcp-server-binding-information>

Usage

```

<dhcp-server-binding-information>
  <binding-summary>.....</binding-summary>
  <dhcp-binding>.....</dhcp-binding>
</dhcp-server-binding-information>

```

Description Information about the address assigned to each of one or more Dynamic Host Configuration Protocol clients

<dhcp-server-statistics-information>

Usage

```

<dhcp-server-statistics-information>
  <dropped-packet-total>
    dropped-packet-total
  </dropped-packet-total>
  <dropped-packet-bad-hardware>
    dropped-packet-bad-hardware
  </dropped-packet-bad-hardware>
  <dropped-packet-bad-opcode>
    dropped-packet-bad-opcode
  </dropped-packet-bad-opcode>
  <dropped-packet-bad-options>
    dropped-packet-bad-options
  </dropped-packet-bad-options>
  <dropped-packet-invalid-server-address>
    dropped-packet-invalid-server-address
  </dropped-packet-invalid-server-address>
  <dropped-packet-no-addresses>
    dropped-packet-no-addresses
  </dropped-packet-no-addresses>
  <dropped-packet-no-interface>
    dropped-packet-no-interface
  </dropped-packet-no-interface>
  <dropped-packet-no-routing-instance>
    dropped-packet-no-routing-instance

```

```
</dropped-packet-no-routing-instance>
<dropped-packet-no-local-address>
  dropped-packet-no-local-address
</dropped-packet-no-local-address>
<dropped-packet-too-short>
  dropped-packet-too-short
</dropped-packet-too-short>
<dropped-packet-read-error>
  dropped-packet-read-error
</dropped-packet-read-error>
<dropped-packet-send-error>
  dropped-packet-send-error
</dropped-packet-send-error>
<dropped-packet-authentication>
  dropped-packet-authentication
</dropped-packet-authentication>
<dropped-packet-dynamic-profile>
  dropped-packet-dynamic-profile
</dropped-packet-dynamic-profile>
<dropped-packet-license>
  dropped-packet-license
</dropped-packet-license>
<message-table>....</message-table>
<forwarded-packets-total>
  forwarded-packets-total
</forwarded-packets-total>
<forwarded-bootrequest-packets>
  forwarded-bootrequest-packets
</forwarded-bootrequest-packets>
<forwarded-bootreply-packets>
  forwarded-bootreply-packets
</forwarded-bootreply-packets>
</dhcp-server-statistics-information>
```

Description Statistics from the Dynamic Host Configuration Protocol Server

<dhcpv6-binding>

Usage

```
<dhcpv6-server-binding-information>
  <dhcpv6-binding>
    <allocated-address>
      allocated-address
    </allocated-address>
    <client-duid>
      client-duid
    </client-duid>
    <client-id-len>
      client-id-len
    </client-id-len>
    <client-id>
      client-id
    </client-id>
    <alt-client-id-len>
```

```
    alt-client-id-len
  </alt-client-id-len>
  <alt-client-id>
    alt-client-id
  </alt-client-id>
  <lease-expires>
    lease-expires
  </lease-expires>
  <lease-start-time>
    lease-start-time
  </lease-start-time>
  <lease-end-time>
    lease-end-time
  </lease-end-time>
  <lease-state>
    lease-state
  </lease-state>
  <interface-name>
    interface-name
  </interface-name>
  <vlan-id>
    vlan-id
  </vlan-id>
  <svlan-id>
    svlan-id
  </svlan-id>
  <demux-interface-name>
    demux-interface-name
  </demux-interface-name>
  <server-ip-address>
    server-ip-address
  </server-ip-address>
  <session-id>
    session-id
  </session-id>
  <pool-name>
    pool-name
  </pool-name>
  <profile-name>
    profile-name
  </profile-name>
  <dhcpv6-server-id>
    dhcpv6-server-id
  </dhcpv6-server-id>
  <dhcp-lease-binding-type>
    dhcp-lease-binding-type
  </dhcp-lease-binding-type>
  <logical-system-routing-instance>
    logical-system-routing-instance
  </logical-system-routing-instance>
  <bridge-domain>
    bridge-domain
  </bridge-domain>
  <retail-logical-system-routing-instance>
    retail-logical-system-routing-instance
  </retail-logical-system-routing-instance>
```

```
<retail-bridge-domain>
  retail-bridge-domain
</retail-bridge-domain>
<wholesale-logical-system-routing-instance>
  wholesale-logical-system-routing-instance
</wholesale-logical-system-routing-instance>
<wholesale-bridge-domain>
  wholesale-bridge-domain
</wholesale-bridge-domain>
<authentication-num-servers>
  authentication-num-servers
</authentication-num-servers>
<client-stale-count>
  client-stale-count
</client-stale-count>
<auth-client-limit>
  auth-client-limit
</auth-client-limit>
<auth-relay-server-group>
  auth-relay-server-group
</auth-relay-server-group>
</dhcpv6-binding>
</dhcpv6-server-binding-information>
```

Description Information about the address assigned to an IPv6 Dynamic Host Configuration Protocol client

<dhcpv6-binding-summary>

Usage

```
<dhcpv6-server-binding-information>
  <dhcpv6-binding-summary>
    <dhcpv6-binding-count>
      dhcpv6-binding-count
    </dhcpv6-binding-count>
    <dhcpv6-init-count>
      dhcpv6-init-count
    </dhcpv6-init-count>
    <dhcpv6-bound-count>
      dhcpv6-bound-count
    </dhcpv6-bound-count>
    <dhcpv6-selecting-count>
      dhcpv6-selecting-count
    </dhcpv6-selecting-count>
    <dhcpv6-requesting-count>
      dhcpv6-requesting-count
    </dhcpv6-requesting-count>
    <dhcpv6-renewing-count>
      dhcpv6-renewing-count
    </dhcpv6-renewing-count>
    <dhcpv6-releasing-count>
      dhcpv6-releasing-count
    </dhcpv6-releasing-count>
    <dhcpv6-restore-count>
```



```

        dhcpv6-restore-count
      </dhcpv6-restore-count>
    </dhcpv6-binding-summary>
  </dhcpv6-server-binding-information>

```

Description**<dhcpv6-message>****Usage**

```

<dhcpv6-server-statistics-information>
  <dhcpv6-message-table>
    <dhcpv6-message>
      <dhcpv6-message-name>
        dhcpv6-message-name
      </dhcpv6-message-name>
      <dhcpv6-message-count>
        dhcpv6-message-count
      </dhcpv6-message-count>
    </dhcpv6-message>
  </dhcpv6-message-table>
</dhcpv6-server-statistics-information>

```

Description Information about a DHCPv6 message**<dhcpv6-message-table>****Usage**

```

<dhcpv6-server-statistics-information>
  <dhcpv6-message-table>
    <dhcpv6-message-direction>
      dhcpv6-message-direction
    </dhcpv6-message-direction>
    <dhcpv6-message>....</dhcpv6-message>
  </dhcpv6-message-table>
</dhcpv6-server-statistics-information>

```

Description Information about one or more DHCPv6 messages sent or received by the DHCPv6 server**<dhcpv6-server-binding-information>****Usage**

```

<dhcpv6-server-binding-information>
  <dhcpv6-binding-summary>....</dhcpv6-binding-summary>
  <dhcpv6-binding>....</dhcpv6-binding>
</dhcpv6-server-binding-information>

```

Description Information about the address assigned to each of one or more DHCPv6 clients

<dhcpv6-server-statistics-information>

Usage

```

<dhcpv6-server-statistics-information>
  <v6-dropped-packet-total>
    v6-dropped-packet-total
  </v6-dropped-packet-total>
  <v6-dropped-packet-no-safd>
    v6-dropped-packet-no-safd
  </v6-dropped-packet-no-safd>
  <v6-dropped-packet-bad-send>
    v6-dropped-packet-bad-send
  </v6-dropped-packet-bad-send>
  <v6-dropped-packet-short-packet>
    v6-dropped-packet-short-packet
  </v6-dropped-packet-short-packet>
  <v6-dropped-packet-bad-msgtype>
    v6-dropped-packet-bad-msgtype
  </v6-dropped-packet-bad-msgtype>
  <v6-dropped-packet-bad-options>
    v6-dropped-packet-bad-options
  </v6-dropped-packet-bad-options>
  <v6-dropped-packet-bad-srcaddress>
    v6-dropped-packet-bad-srcaddress
  </v6-dropped-packet-bad-srcaddress>
  <v6-dropped-packet-relay-hop-count>
    v6-dropped-packet-relay-hop-count
  </v6-dropped-packet-relay-hop-count>
  <v6-dropped-packet-no-client-id>
    v6-dropped-packet-no-client-id
  </v6-dropped-packet-no-client-id>
  <v6-dropped-packet-strict-reconfigure>
    v6-dropped-packet-strict-reconfigure
  </v6-dropped-packet-strict-reconfigure>
  <dhcpv6-message-table>....</dhcpv6-message-table>
</dhcpv6-server-statistics-information>

```

Description Statistics from the IPv6 Dynamic Host Configuration Protocol Server

<message>

Usage

```

<dhcp-server-statistics-information>
  <message-table>
    <message>
      <message-name>
        message-name
      </message-name>
      <message-count>
        message-count
      </message-count>
    </message>
  </message-table>

```

</dhcp-server-statistics-information>

Description Information about a DHCP or BOOTP message

<message-table>

Usage

```
<dhcp-server-statistics-information>
  <message-table>
    <message-direction>
      message-direction
    </message-direction>
    <message>....</message>
  </message-table>
</dhcp-server-statistics-information>
```

Description Information about one or more DHCP or bootstrap protocol (BOOTP) messages sent or received by the DHCP server

Summary of Dialer Response Tags

<dial-string-list>

Usage

```
<dial-string-list>
  <dial-string>
    dial-string
  </dial-string>
</dial-string-list>
```

Description

<dial-string-list>

Usage

```
<dialer-interface>
  <dial-string-list>
    <dial-string>
      dial-string
    </dial-string>
  </dial-string-list>
</dialer-interface>
```

Description

<dial-string-list>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <dial-string-list>
```

```
<dial-string>
  dial-string
</dial-string>
</dial-string-list>
</dialer-interface>
</dialer-interface-information>
```

Description

<dialer-defaults-information>

Usage

```
<dialer-defaults-information>
  <default-idle-timeout>
    default-idle-timeout
  </default-idle-timeout>
  <default-activation-delay>
    default-activation-delay
  </default-activation-delay>
  <default-deactivation-delay>
    default-deactivation-delay
  </default-deactivation-delay>
  <default-initial-route-check>
    default-initial-route-check
  </default-initial-route-check>
  <default-pool-priority>
    default-pool-priority
  </default-pool-priority>
  <default-load-threshold>
    default-load-threshold
  </default-load-threshold>
  <default-load-interval>
    default-load-interval
  </default-load-interval>
  <default-redial-delay>
    default-redial-delay
  </default-redial-delay>
  <default-callback-wait-period>
    default-callback-wait-period
  </default-callback-wait-period>
</dialer-defaults-information>
```

Description

<dialer-info>

Usage

```
<dialer-info>
  <dialer-interface-name>
    dialer-interface-name
  </dialer-interface-name>
  <dialer-interface-state>
    dialer-interface-state
  </dialer-interface-state>
```

```

    <dialer-interface-flags>....</dialer-interface-flags>
</dialer-info>

```

Description

<dialer-info>

Usage

```

<pool-member-list>
  <dialer-info>
    <dialer-interface-name>
      dialer-interface-name
    </dialer-interface-name>
    <dialer-interface-state>
      dialer-interface-state
    </dialer-interface-state>
    <dialer-interface-flags>....</dialer-interface-flags>
  </dialer-info>
</pool-member-list>

```

Description

<dialer-info>

Usage

```

<dialer-pool>
  <pool-member-list>
    <dialer-info>
      <dialer-interface-name>
        dialer-interface-name
      </dialer-interface-name>
      <dialer-interface-state>
        dialer-interface-state
      </dialer-interface-state>
      <dialer-interface-flags>....</dialer-interface-flags>
    </dialer-info>
  </pool-member-list>
</dialer-pool>

```

Description

<dialer-info>

Usage

```

<dialer-pool-information>
  <dialer-pool>
    <pool-member-list>
      <dialer-info>
        <dialer-interface-name>
          dialer-interface-name
        </dialer-interface-name>
        <dialer-interface-state>
          dialer-interface-state
        </dialer-interface-state>

```

```
<dialer-interface-flags>....</dialer-interface-flags>
</dialer-info>
</pool-member-list>
</dialer-pool>
</dialer-pool-information>
```

Description

<dialer-interface>

Usage

```
<dialer-interface>
  <dialer-interface-name>
    dialer-interface-name
  </dialer-interface-name>
  <dialer-interface-state>
    dialer-interface-state
  </dialer-interface-state>
  <dialer-interface-flags>....</dialer-interface-flags>
  <pool-id>
    pool-id
  </pool-id>
  <primary-interface>
    primary-interface
  </primary-interface>
  <dial-string-list>....</dial-string-list>
  <sub-interface-list>....</sub-interface-list>
  <watch-list>....</watch-list>
  <activation-delay>
    activation-delay
  </activation-delay>
  <deactivation-delay>
    deactivation-delay
  </deactivation-delay>
  <activation-delay-elapsed>
    activation-delay-elapsed
  </activation-delay-elapsed>
  <deactivation-delay-elapsed>
    deactivation-delay-elapsed
  </deactivation-delay-elapsed>
  <call-idle-timeout>
    call-idle-timeout
  </call-idle-timeout>
  <initial-route-check>
    initial-route-check
  </initial-route-check>
  <redial-delay>
    redial-delay
  </redial-delay>
  <callback-wait-period>
    callback-wait-period
  </callback-wait-period>
  <callback-wait-period-elapsed>
    callback-wait-period-elapsed
  </callback-wait-period-elapsed>
```

```

<load-threshold>
  load-threshold
</load-threshold>
<load-interval>
  load-interval
</load-interval>
</dialer-interface>

```

Description

<dialer-interface>

Usage

```

<dialer-interface-information>
  <dialer-interface>
    <dialer-interface-name>
      dialer-interface-name
    </dialer-interface-name>
    <dialer-interface-state>
      dialer-interface-state
    </dialer-interface-state>
    <dialer-interface-flags>....</dialer-interface-flags>
    <pool-id>
      pool-id
    </pool-id>
    <primary-interface>
      primary-interface
    </primary-interface>
    <dial-string-list>....</dial-string-list>
    <sub-interface-list>....</sub-interface-list>
    <watch-list>....</watch-list>
    <activation-delay>
      activation-delay
    </activation-delay>
    <deactivation-delay>
      deactivation-delay
    </deactivation-delay>
    <activation-delay-elapsed>
      activation-delay-elapsed
    </activation-delay-elapsed>
    <deactivation-delay-elapsed>
      deactivation-delay-elapsed
    </deactivation-delay-elapsed>
    <call-idle-timeout>
      call-idle-timeout
    </call-idle-timeout>
    <initial-route-check>
      initial-route-check
    </initial-route-check>
    <redial-delay>
      redial-delay
    </redial-delay>
    <callback-wait-period>
      callback-wait-period
    </callback-wait-period>

```

```
<callback-wait-period-elapsed>
  callback-wait-period-elapsed
</callback-wait-period-elapsed>
<load-threshold>
  load-threshold
</load-threshold>
<load-interval>
  load-interval
</load-interval>
</dialer-interface>
</dialer-interface-information>
```

Description

<dialer-interface-flags>

Usage

```
<dialer-interface>
  <dialer-interface-flags>
    <backup>
      backup
    </backup>
    <multilink>
      multilink
    </multilink>
    <watchlist>
      watchlist
    </watchlist>
    <interesting-detected>
      interesting-detected
    </interesting-detected>
  </dialer-interface-flags>
</dialer-interface>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <dialer-interface-flags>
      <backup>
        backup
      </backup>
      <multilink>
        multilink
      </multilink>
      <watchlist>
        watchlist
      </watchlist>
      <interesting-detected>
        interesting-detected
      </interesting-detected>
    </dialer-interface-flags>
  </dialer-interface>
</dialer-interface-information>
```



```

    </dialer-interface-flags>
  </dialer-interface>
</dialer-interface-information>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<dialer-info>
  <dialer-interface-flags>
    <backup>
      backup
    </backup>
    <multilink>
      multilink
    </multilink>
    <watchlist>
      watchlist
    </watchlist>
    <interesting-detected>
      interesting-detected
    </interesting-detected>
  </dialer-interface-flags>
</dialer-info>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<pool-member-list>
  <dialer-info>
    <dialer-interface-flags>
      <backup>
        backup
      </backup>
      <multilink>
        multilink
      </multilink>
      <watchlist>
        watchlist
      </watchlist>
      <interesting-detected>
        interesting-detected
      </interesting-detected>
    </dialer-interface-flags>
  </dialer-info>
</pool-member-list>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<dialer-pool>
  <pool-member-list>
    <dialer-info>
      <dialer-interface-flags>
        <backup>
          backup
        </backup>
        <multilink>
          multilink
        </multilink>
        <watchlist>
          watchlist
        </watchlist>
        <interesting-detected>
          interesting-detected
        </interesting-detected>
      </dialer-interface-flags>
    </dialer-info>
  </pool-member-list>
</dialer-pool>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<dialer-pool-information>
  <dialer-pool>
    <pool-member-list>
      <dialer-info>
        <dialer-interface-flags>
          <backup>
            backup
          </backup>
          <multilink>
            multilink
          </multilink>
          <watchlist>
            watchlist
          </watchlist>
          <interesting-detected>
            interesting-detected
          </interesting-detected>
        </dialer-interface-flags>
      </dialer-info>
    </pool-member-list>
  </dialer-pool>
</dialer-pool-information>
```

Description Flags indicating interface configuration

<dialer-interface-information>

Usage

```
<dialer-interface-information>
  <dialer-interface>....</dialer-interface>
</dialer-interface-information>
```

Description

<dialer-pool>

Usage

```
<dialer-pool>
  <pool-id>
    pool-id
  </pool-id>
  <pool-member-list>....</pool-member-list>
</dialer-pool>
```

Description

<dialer-pool>

Usage

```
<dialer-pool-information>
  <dialer-pool>
    <pool-id>
      pool-id
    </pool-id>
    <pool-member-list>....</pool-member-list>
  </dialer-pool>
</dialer-pool-information>
```

Description

<dialer-pool-information>

Usage

```
<dialer-pool-information>
  <dialer-pool>....</dialer-pool>
</dialer-pool-information>
```

Description

<pool-member-list>

Usage

```
<pool-member-list>
  <dialer-info>....</dialer-info>
  <sub-info>....</sub-info>
```

</pool-member-list>

Description

<pool-member-list>

Usage

```
<dialer-pool>
  <pool-member-list>
    <dialer-info>....</dialer-info>
    <sub-info>....</sub-info>
  </pool-member-list>
</dialer-pool>
```

Description

<pool-member-list>

Usage

```
<dialer-pool-information>
  <dialer-pool>
    <pool-member-list>
      <dialer-info>....</dialer-info>
      <sub-info>....</sub-info>
    </pool-member-list>
  </dialer-pool>
</dialer-pool-information>
```

Description

<sub-info>

Usage

```
<sub-info>
  <sub-interface-name>
    sub-interface-name
  </sub-interface-name>
  <sub-interface-flags>
    sub-interface-flags
  </sub-interface-flags>
  <pool-priority>
    pool-priority
  </pool-priority>
</sub-info>
```

Description

<sub-info>

Usage

```
<pool-member-list>
  <sub-info>
    <sub-interface-name>
```

```

        sub-interface-name
      </sub-interface-name>
      <sub-interface-flags>
        sub-interface-flags
      </sub-interface-flags>
      <pool-priority>
        pool-priority
      </pool-priority>
    </sub-info>
  </pool-member-list>

```

Description

<sub-info>

Usage

```

<dialer-pool>
  <pool-member-list>
    <sub-info>
      <sub-interface-name>
        sub-interface-name
      </sub-interface-name>
      <sub-interface-flags>
        sub-interface-flags
      </sub-interface-flags>
      <pool-priority>
        pool-priority
      </pool-priority>
    </sub-info>
  </pool-member-list>
</dialer-pool>

```

Description

<sub-info>

Usage

```

<dialer-pool-information>
  <dialer-pool>
    <pool-member-list>
      <sub-info>
        <sub-interface-name>
          sub-interface-name
        </sub-interface-name>
        <sub-interface-flags>
          sub-interface-flags
        </sub-interface-flags>
        <pool-priority>
          pool-priority
        </pool-priority>
      </sub-info>
    </pool-member-list>
  </dialer-pool>

```

</dialer-pool-information>

Description

<sub-interface-list>

Usage

```
<sub-interface-list>
  <sub-interface-name>
    sub-interface-name
  </sub-interface-name>
</sub-interface-list>
```

Description

<sub-interface-list>

Usage

```
<dialer-interface>
  <sub-interface-list>
    <sub-interface-name>
      sub-interface-name
    </sub-interface-name>
  </sub-interface-list>
</dialer-interface>
```

Description

<sub-interface-list>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <sub-interface-list>
      <sub-interface-name>
        sub-interface-name
      </sub-interface-name>
    </sub-interface-list>
  </dialer-interface>
</dialer-interface-information>
```

Description

<watch-list>

Usage

```
<watch-list>
  <watch-route>
    watch-route
  </watch-route>
</watch-list>
```

Description**<watch-list>****Usage**

```
<dialer-interface>
  <watch-list>
    <watch-route>
      watch-route
    </watch-route>
  </watch-list>
</dialer-interface>
```

Description**<watch-list>****Usage**

```
<dialer-interface-information>
  <dialer-interface>
    <watch-list>
      <watch-route>
        watch-route
      </watch-route>
    </watch-list>
  </dialer-interface>
</dialer-interface-information>
```

Description

Summary of Dynamic Configuration Response Tags

<client-session-info>**Usage**

```
<dynamic-configuration-information>
  <client-session-info>
    <accounting-session-id>
      accounting-session-id
    </accounting-session-id>
    <address-pool>
      address-pool
    </address-pool>
    <interface>
      interface
    </interface>
    <ip-address>
      ip-address
    </ip-address>
    <ip-address-mask>
      ip-address-mask
    </ip-address-mask>
    <ipv6-address>
      ipv6-address
```

```
</ipv6-address>
<ipv6-prefix>
  ipv6-prefix
</ipv6-prefix>
<ipv6-network-prefix-len>
  ipv6-network-prefix-len
</ipv6-network-prefix-len>
<logical-system>
  logical-system
</logical-system>
<profile>
  profile
</profile>
<mac-address>
  mac-address
</mac-address>
<nas-port-type>
  nas-port-type
</nas-port-type>
<routing-instance>
  routing-instance
</routing-instance>
<session-id>
  session-id
</session-id>
<client-session-type>
  client-session-type
</client-session-type>
<user-name>
  user-name
</user-name>
<dhcp-gi-address>
  dhcp-gi-address
</dhcp-gi-address>
<ifl-type>
  ifl-type
</ifl-type>
<service-bundle>
  service-bundle
</service-bundle>
<nas-ipv6-address>
  nas-ipv6-address
</nas-ipv6-address>
<login-ipv6-host>
  login-ipv6-host
</login-ipv6-host>
<delegated-ipv6-prefix>
  delegated-ipv6-prefix
</delegated-ipv6-prefix>
<framed-interface-id>
  framed-interface-id
</framed-interface-id>
<framed-ipv6-pool>
  framed-ipv6-pool
</framed-ipv6-pool>
<aggregate-type>
```



```

    aggregate-type
  </aggregate-type>
  <logical-interface>
    logical-interface
  </logical-interface>
  <accounting-type>
    accounting-type
  </accounting-type>
  <accounting-interval>
    accounting-interval
  </accounting-interval>
  <state>
    state
  </state>
  <dynamic-configuration-info>....</dynamic-configuration-info>
  <session-ids>....</session-ids>
  <config-bits>
    config-bits
  </config-bits>
  <vlan-tag>
    vlan-tag
  </vlan-tag>
  <svlan-tag>
    svlan-tag
  </svlan-tag>
  <service-type>
    service-type
  </service-type>
  <framed-protocol>
    framed-protocol
  </framed-protocol>
  <calling-station-id>
    calling-station-id
  </calling-station-id>
  </client-session-info>
</dynamic-configuration-information>

```

Description Client session information

<connection>

Usage

```

<shm-ipc-statistics>
  <user>
    <connection>
      <peer-name>
        peer-name
      </peer-name>
      <connection-status>
        connection-status
      </connection-status>
      <socket>....</socket>
      <queue>....</queue>
    </connection>
  </user>
</shm-ipc-statistics>

```

```
</user>
</shm-ipc-statistics>
```

Description

<consumer-message-counters>

Usage

```
<shm-ipc-statistics>
  <user>
    <consumer-message-counters>
      <msg-received>
        msg-received
      </msg-received>
      <ack-sent>
        ack-sent
      </ack-sent>
      <nak-sent>
        nak-sent
      </nak-sent>
    </consumer-message-counters>
  </user>
</shm-ipc-statistics>
```

Description

<dynamic-configuration-attribute>

Usage

```
<dynamic-configuration-info>
  <dynamic-configuration-attribute>
    <attribute-name>
      attribute-name
    </attribute-name>
    <attribute-value>
      attribute-value
    </attribute-value>
  </dynamic-configuration-attribute>
</dynamic-configuration-info>
```

Description Dynamic configuration attribute

<dynamic-configuration-attribute>

Usage

```
<dynamic-configuration-information>
  <client-session-info>
    <dynamic-configuration-info>
      <dynamic-configuration-attribute>
        <attribute-name>
          attribute-name
        </attribute-name>
        <attribute-value>
```

```

        attribute-value
      </attribute-value>
    </dynamic-configuration-attribute>
  </dynamic-configuration-info>
</client-session-info>
</dynamic-configuration-information>

```

Description Dynamic configuration attribute

<dynamic-configuration-attribute>

Usage

```

<dynamic-configuration-information>
  <service-session-info>
    <dynamic-configuration-info>
      <dynamic-configuration-attribute>
        <attribute-name>
          attribute-name
        </attribute-name>
        <attribute-value>
          attribute-value
        </attribute-value>
      </dynamic-configuration-attribute>
    </dynamic-configuration-info>
  </service-session-info>
</dynamic-configuration-information>

```

Description Dynamic configuration attribute

<dynamic-configuration-info>

Usage

```

<dynamic-configuration-info>
  <dynamic-configuration-attribute>....</dynamic-configuration-attribute>
</dynamic-configuration-info>

```

Description Dynamic configuration

<dynamic-configuration-info>

Usage

```

<dynamic-configuration-information>
  <client-session-info>
    <dynamic-configuration-info>
      <dynamic-configuration-attribute>....</dynamic-configuration-attribute>
    </dynamic-configuration-info>
  </client-session-info>
</dynamic-configuration-information>

```

Description Dynamic configuration

<dynamic-configuration-info>

Usage

```
<dynamic-configuration-information>
  <service-session-info>
    <dynamic-configuration-info>
      <dynamic-configuration-attribute>....</dynamic-configuration-attribute>
    </dynamic-configuration-info>
  </service-session-info>
</dynamic-configuration-information>
```

Description Dynamic configuration

<dynamic-configuration-information>

Usage

```
<dynamic-configuration-information>
  <session-ids>....</session-ids>
  <client-session-info>....</client-session-info>
  <service-session-info>....</service-session-info>
  <results>....</results>
  <profile-results>....</profile-results>
</dynamic-configuration-information>
```

Description Dynamic configuration command information

<performance-counters>

Usage

```
<shm-ipc-statistics>
  <user>
    <performance-counters>
      <socket-received>
        socket-received
      </socket-received>
      <socket-sent>
        socket-sent
      </socket-sent>
      <socket-errors>
        socket-errors
      </socket-errors>
      <ipc-received>
        ipc-received
      </ipc-received>
      <ipc-sent>
        ipc-sent
      </ipc-sent>
      <ipc-errors>
        ipc-errors
      </ipc-errors>
    </performance-counters>
  </user>
```

</shm-ipc-statistics>

Description

<producer-message-counters>

Usage

```
<shm-ipc-statistics>
  <user>
    <producer-message-counters>
      <msg-sent>
        msg-sent
      </msg-sent>
      <ack-received>
        ack-received
      </ack-received>
      <nak-received>
        nak-received
      </nak-received>
      <backpressure>
        backpressure
      </backpressure>
    </producer-message-counters>
  </user>
</shm-ipc-statistics>
```

Description

<profile-results>

Usage

```
<profile-results>
  <profile-name>
    profile-name
  </profile-name>
  <profile-action>
    profile-action
  </profile-action>
  <session-id>
    session-id
  </session-id>
  <session-type>
    session-type
  </session-type>
  <request-result>
    request-result
  </request-result>
  <failure-reason>
    failure-reason
  </failure-reason>
  <config-bits>
    config-bits
  </config-bits>
```

</profile-results>

Description

<profile-results>

Usage

```
<dynamic-configuration-information>
  <profile-results>
    <profile-name>
      profile-name
    </profile-name>
    <profile-action>
      profile-action
    </profile-action>
    <session-id>
      session-id
    </session-id>
    <session-type>
      session-type
    </session-type>
    <request-result>
      request-result
    </request-result>
    <failure-reason>
      failure-reason
    </failure-reason>
    <config-bits>
      config-bits
    </config-bits>
  </profile-results>
</dynamic-configuration-information>
```

Description

<queue>

Usage

```
<shm-ipc-statistics>
  <user>
    <connection>
      <queue>
        <msg-complete>
          msg-complete
        </msg-complete>
        <msg-posted>
          msg-posted
        </msg-posted>
        <msg-pending>
          msg-pending
        </msg-pending>
        <max-msg-pending>
          max-msg-pending
        </max-msg-pending>
      </queue>
    </connection>
  </user>
</shm-ipc-statistics>
```

```

    <msg-held>
      msg-held
    </msg-held>
  </queue>
</connection>
</user>
</shm-ipc-statistics>

```

Description**<results>****Usage**

```

<results>
  <action>
    action
  </action>
  <session-type>
    session-type
  </session-type>
  <session-id>
    session-id
  </session-id>
  <success>
    success
  </success>
  <failure>
    failure
  </failure>
</results>

```

Description Result for dynamic configuration operation command**<results>****Usage**

```

<dynamic-configuration-information>
  <results>
    <action>
      action
    </action>
    <session-type>
      session-type
    </session-type>
    <session-id>
      session-id
    </session-id>
    <success>
      success
    </success>
    <failure>
      failure
    </failure>
  </results>

```

```
</dynamic-configuration-information>
```

Description Result for dynamic configuration operation command

<service-session-info>

Usage

```
<dynamic-configuration-information>
  <service-session-info>
    <session-id>
      session-id
    </session-id>
    <start-time>
      start-time
    </start-time>
    <service-name>
      service-name
    </service-name>
    <accounting-session-id>
      accounting-session-id
    </accounting-session-id>
    <accounting-type>
      accounting-type
    </accounting-type>
    <accounting-interval>
      accounting-interval
    </accounting-interval>
    <accounting-volume-quota>
      accounting-volume-quota
    </accounting-volume-quota>
    <accounting-time-quota>
      accounting-time-quota
    </accounting-time-quota>
    <state>
      state
    </state>
  </service-session-info>
</dynamic-configuration-information>
```

Description Service session information

<session-ids>

Usage

```
<dynamic-configuration-information>
  <session-ids>
    <session-id>
      session-id
    </session-id>
  </session-ids>
</dynamic-configuration-information>
```


Description Session IDs

<session-ids>

Usage

```
<dynamic-configuration-information>
  <client-session-info>
    <session-ids>
      <session-id>
        session-id
      </session-id>
    </session-ids>
  </client-session-info>
</dynamic-configuration-information>
```

Description Session IDs

<shm-ipc-statistics>

Usage

```
<shm-ipc-statistics>
  <user>....</user>
  <failure-reason>
    failure-reason
  </failure-reason>
</shm-ipc-statistics>
```

Description

<socket>

Usage

```
<shm-ipc-statistics>
  <user>
    <connection>
      <socket>
        <consumer-received>
          consumer-received
        </consumer-received>
        <consumer-sent>
          consumer-sent
        </consumer-sent>
        <producer-received>
          producer-received
        </producer-received>
        <producer-sent>
          producer-sent
        </producer-sent>
      </socket>
    </connection>
  </user>
</shm-ipc-statistics>
```

Description

<tracelog-data>

Usage

```
<tracelog-data>
  <tracelog-entry>....</tracelog-entry>
</tracelog-data>
```

Description

<tracelog-data-performance>

Usage

```
<tracelog-data-performance>
  <tracelog-entry-performance>....</tracelog-entry-performance>
</tracelog-data-performance>
```

Description

<tracelog-entry>

Usage

```
<tracelog-data>
  <tracelog-entry>
    <log-prefix>
      log-prefix
    </log-prefix>
    <index>
      index
    </index>
    <process-id>
      process-id
    </process-id>
    <thread-id>
      thread-id
    </thread-id>
    <entry-delta-seconds>
      entry-delta-seconds
    </entry-delta-seconds>
    <entry-delta-microseconds>
      entry-delta-microseconds
    </entry-delta-microseconds>
    <running-time-seconds>
      running-time-seconds
    </running-time-seconds>
    <running-time-microseconds>
      running-time-microseconds
    </running-time-microseconds>
    <system-time-seconds>
      system-time-seconds
    </system-time-seconds>
    <system-time-microseconds>
      system-time-microseconds
    </system-time-microseconds>
```

```

<logged-data>
  logged-data
</logged-data>
</tracelog-entry>
</tracelog-data>

```

Description

<tracelog-entry-performance>

Usage

```

<tracelog-data-performance>
  <tracelog-entry-performance>
    <log-prefix-perf>
      log-prefix-perf
    </log-prefix-perf>
    <index-perf>
      index-perf
    </index-perf>
    <process-id-perf>
      process-id-perf
    </process-id-perf>
    <thread-id-perf>
      thread-id-perf
    </thread-id-perf>
    <entry-delta-seconds-perf>
      entry-delta-seconds-perf
    </entry-delta-seconds-perf>
    <entry-delta-microseconds-perf>
      entry-delta-microseconds-perf
    </entry-delta-microseconds-perf>
    <running-time-seconds-perf>
      running-time-seconds-perf
    </running-time-seconds-perf>
    <running-time-microseconds-perf>
      running-time-microseconds-perf
    </running-time-microseconds-perf>
    <user-cpu-seconds-perf>
      user-cpu-seconds-perf
    </user-cpu-seconds-perf>
    <user-cpu-microseconds-perf>
      user-cpu-microseconds-perf
    </user-cpu-microseconds-perf>
    <system-cpu-seconds-perf>
      system-cpu-seconds-perf
    </system-cpu-seconds-perf>
    <system-cpu-microseconds-perf>
      system-cpu-microseconds-perf
    </system-cpu-microseconds-perf>
    <system-time-seconds-perf>
      system-time-seconds-perf
    </system-time-seconds-perf>
    <system-time-microseconds-perf>
      system-time-microseconds-perf
    </system-time-microseconds-perf>
  </tracelog-entry-performance>
</tracelog-data-performance>

```

```
<vol-ctxsw-perf>
  vol-ctxsw-perf
</vol-ctxsw-perf>
<ivol-ctxsw-perf>
  ivol-ctxsw-perf
</ivol-ctxsw-perf>
<logged-data-perf>
  logged-data-perf
</logged-data-perf>
</tracelog-entry-performance>
</tracelog-data-performance>
```

Description

<tracelog-information>

Usage

```
<tracelog-information>
  <tracelog-status-info>....</tracelog-status-info>
</tracelog-information>
```

Description

<tracelog-status-info>

Usage

```
<tracelog-information>
  <tracelog-status-info>
    <log-name>
      log-name
    </log-name>
    <max-entries>
      max-entries
    </max-entries>
    <cur-index>
      cur-index
    </cur-index>
    <max-data>
      max-data
    </max-data>
    <wrap-cnt>
      wrap-cnt
    </wrap-cnt>
    <wrapable>
      wrapable
    </wrapable>
    <frozen>
      frozen
    </frozen>
    <collect-perf>
      collect-perf
    </collect-perf>
  </tracelog-status-info>
```

```
</tracelog-information>
```

Description

```
<user>
```

Usage

```
<shm-ipc-statistics>
  <user>
    <name>
      name
    </name>
    <role>
      role
    </role>
    <status>
      status
    </status>
    <performance-counters>....</performance-counters>
    <producer-message-counters>....</producer-message-counters>
    <consumer-message-counters>....</consumer-message-counters>
    <connection>....</connection>
  </user>
</shm-ipc-statistics>
```

Description

Summary of Ethernet Delay Measurement Response Tags

```
<cfm-ethdm-error-snapshot>
```

Usage

```
<cfm-ethdm-error-snapshot>
  <cfm-ethdm-error-reason>
    cfm-ethdm-error-reason
  </cfm-ethdm-error-reason>
</cfm-ethdm-error-snapshot>
```

Description

```
<cfm-ethdm-error-snapshot>
```

Usage

```
<ethdm-results>
  <cfm-ethdm-error-snapshot>
    <cfm-ethdm-error-reason>
      cfm-ethdm-error-reason
    </cfm-ethdm-error-reason>
  </cfm-ethdm-error-snapshot>
</ethdm-results>
```

Description

<cfm-ethdm-request-snapshot>

Usage

```
<cfm-ethdm-request-snapshot>
  <cfm-ethdm-type>
    cfm-ethdm-type
  </cfm-ethdm-type>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-destination-mac-address>
    cfm-destination-mac-address
  </cfm-destination-mac-address>
</cfm-ethdm-request-snapshot>
```

Description

<cfm-ethdm-request-snapshot>

Usage

```
<ethdm-results>
  <cfm-ethdm-request-snapshot>
    <cfm-ethdm-type>
      cfm-ethdm-type
    </cfm-ethdm-type>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-destination-mac-address>
      cfm-destination-mac-address
    </cfm-destination-mac-address>
```

```
</cfm-ethdm-request-snapshot>
</ethdm-results>
```

Description

<cfm-oneway-ethdm-reply-summary>

Usage

```
<cfm-oneway-ethdm-reply-summary>
  <cfm-oneway-ethdm-requests-packets>
    cfm-oneway-ethdm-requests-packets
  </cfm-oneway-ethdm-requests-packets>
</cfm-oneway-ethdm-reply-summary>
```

Description

<cfm-oneway-ethdm-reply-summary>

Usage

```
<ethdm-results>
  <cfm-oneway-ethdm-reply-summary>
    <cfm-oneway-ethdm-requests-packets>
      cfm-oneway-ethdm-requests-packets
    </cfm-oneway-ethdm-requests-packets>
  </cfm-oneway-ethdm-reply-summary>
</ethdm-results>
```

Description

<cfm-twoway-ethdm-reply-entry>

Usage

```
<cfm-twoway-ethdm-reply-entry>
  <cfm-destination-mac-address>
    cfm-destination-mac-address
  </cfm-destination-mac-address>
  <cfm-twoway-ethdm-invalid-timestamp-response>
    cfm-twoway-ethdm-invalid-timestamp-response
  </cfm-twoway-ethdm-invalid-timestamp-response>
  <cfm-twoway-ethdm-invalid-flags-response>
    cfm-twoway-ethdm-invalid-flags-response
  </cfm-twoway-ethdm-invalid-flags-response>
  <cfm-twoway-ethdm-invalid-tlvoffset-response>
    cfm-twoway-ethdm-invalid-tlvoffset-response
  </cfm-twoway-ethdm-invalid-tlvoffset-response>
  <cfm-twoway-ethdm-no-endtlv-response>
    cfm-twoway-ethdm-no-endtlv-response
  </cfm-twoway-ethdm-no-endtlv-response>
  <cfm-twoway-ethdm-delay>
    cfm-twoway-ethdm-delay
  </cfm-twoway-ethdm-delay>
  <cfm-twoway-ethdm-delay-variation>
    cfm-twoway-ethdm-delay-variation
  </cfm-twoway-ethdm-delay-variation>
```

</cfm-twoway-ethdm-reply-entry>

Description

<cfm-twoway-ethdm-reply-entry>

Usage

```
<ethdm-results>
  <cfm-twoway-ethdm-reply-entry>
    <cfm-destination-mac-address>
      cfm-destination-mac-address
    </cfm-destination-mac-address>
    <cfm-twoway-ethdm-invalid-timestamp-response>
      cfm-twoway-ethdm-invalid-timestamp-response
    </cfm-twoway-ethdm-invalid-timestamp-response>
    <cfm-twoway-ethdm-invalid-flags-response>
      cfm-twoway-ethdm-invalid-flags-response
    </cfm-twoway-ethdm-invalid-flags-response>
    <cfm-twoway-ethdm-invalid-tlvoffset-response>
      cfm-twoway-ethdm-invalid-tlvoffset-response
    </cfm-twoway-ethdm-invalid-tlvoffset-response>
    <cfm-twoway-ethdm-no-endlv-response>
      cfm-twoway-ethdm-no-endlv-response
    </cfm-twoway-ethdm-no-endlv-response>
    <cfm-twoway-ethdm-delay>
      cfm-twoway-ethdm-delay
    </cfm-twoway-ethdm-delay>
    <cfm-twoway-ethdm-delay-variation>
      cfm-twoway-ethdm-delay-variation
    </cfm-twoway-ethdm-delay-variation>
  </cfm-twoway-ethdm-reply-entry>
</ethdm-results>
```

Description

<cfm-twoway-ethdm-reply-summary>

Usage

```
<cfm-twoway-ethdm-reply-summary>
  <cfm-twoway-ethdm-requests-packets>
    cfm-twoway-ethdm-requests-packets
  </cfm-twoway-ethdm-requests-packets>
  <cfm-twoway-ethdm-responses-packets>
    cfm-twoway-ethdm-responses-packets
  </cfm-twoway-ethdm-responses-packets>
  <cfm-twoway-ethdm-invalid-responses-packets>
    cfm-twoway-ethdm-invalid-responses-packets
  </cfm-twoway-ethdm-invalid-responses-packets>
  <cfm-twoway-ethdm-average-delay>
    cfm-twoway-ethdm-average-delay
  </cfm-twoway-ethdm-average-delay>
  <cfm-twoway-ethdm-average-delay-variation>
    cfm-twoway-ethdm-average-delay-variation
  </cfm-twoway-ethdm-average-delay-variation>
```



```

<cfm-twoway-ethdm-bestcase-delay>
  cfm-twoway-ethdm-bestcase-delay
</cfm-twoway-ethdm-bestcase-delay>
<cfm-twoway-ethdm-worstcase-delay>
  cfm-twoway-ethdm-worstcase-delay
</cfm-twoway-ethdm-worstcase-delay>
</cfm-twoway-ethdm-reply-summary>

```

Description

<cfm-twoway-ethdm-reply-summary>

Usage

```

<ethdm-results>
  <cfm-twoway-ethdm-reply-summary>
    <cfm-twoway-ethdm-requests-packets>
      cfm-twoway-ethdm-requests-packets
    </cfm-twoway-ethdm-requests-packets>
    <cfm-twoway-ethdm-responses-packets>
      cfm-twoway-ethdm-responses-packets
    </cfm-twoway-ethdm-responses-packets>
    <cfm-twoway-ethdm-invalid-responses-packets>
      cfm-twoway-ethdm-invalid-responses-packets
    </cfm-twoway-ethdm-invalid-responses-packets>
    <cfm-twoway-ethdm-average-delay>
      cfm-twoway-ethdm-average-delay
    </cfm-twoway-ethdm-average-delay>
    <cfm-twoway-ethdm-average-delay-variation>
      cfm-twoway-ethdm-average-delay-variation
    </cfm-twoway-ethdm-average-delay-variation>
    <cfm-twoway-ethdm-bestcase-delay>
      cfm-twoway-ethdm-bestcase-delay
    </cfm-twoway-ethdm-bestcase-delay>
    <cfm-twoway-ethdm-worstcase-delay>
      cfm-twoway-ethdm-worstcase-delay
    </cfm-twoway-ethdm-worstcase-delay>
  </cfm-twoway-ethdm-reply-summary>
</ethdm-results>

```

Description

<ethdm-results>

Usage

```

<ethdm-results>
  <cfm-ethdm-error-snapshot>....</cfm-ethdm-error-snapshot>
  <cfm-ethdm-request-snapshot>....</cfm-ethdm-request-snapshot>
  <cfm-twoway-ethdm-reply-entry>....</cfm-twoway-ethdm-reply-entry>
  <cfm-oneway-ethdm-reply-summary>....</cfm-oneway-ethdm-reply-summary>

  <cfm-twoway-ethdm-reply-summary>....</cfm-twoway-ethdm-reply-summary>

</ethdm-results>

```

Description

Summary of Ethernet Link Management Response Tags

<cfm-ethlm-cir-reply-entry>

Usage

```
<cfm-ethlm-cir-reply-entry>
  <cfm-destination-mac-address>
    cfm-destination-mac-address
  </cfm-destination-mac-address>
  <cfm-ethlm-cir-near-end-frame-loss>
    cfm-ethlm-cir-near-end-frame-loss
  </cfm-ethlm-cir-near-end-frame-loss>
  <cfm-ethlm-cir-far-end-frame-loss>
    cfm-ethlm-cir-far-end-frame-loss
  </cfm-ethlm-cir-far-end-frame-loss>
  <cfm-ethlm-cir-near-end-loss-ratio>
    cfm-ethlm-cir-near-end-loss-ratio
  </cfm-ethlm-cir-near-end-loss-ratio>
  <cfm-ethlm-cir-far-end-loss-ratio>
    cfm-ethlm-cir-far-end-loss-ratio
  </cfm-ethlm-cir-far-end-loss-ratio>
</cfm-ethlm-cir-reply-entry>
```

Description

<cfm-ethlm-cir-reply-entry>

Usage

```
<ethlm-cir-eir-results>
  <cfm-ethlm-cir-reply-entry>
    <cfm-destination-mac-address>
      cfm-destination-mac-address
    </cfm-destination-mac-address>
    <cfm-ethlm-cir-near-end-frame-loss>
      cfm-ethlm-cir-near-end-frame-loss
    </cfm-ethlm-cir-near-end-frame-loss>
    <cfm-ethlm-cir-far-end-frame-loss>
      cfm-ethlm-cir-far-end-frame-loss
    </cfm-ethlm-cir-far-end-frame-loss>
    <cfm-ethlm-cir-near-end-loss-ratio>
      cfm-ethlm-cir-near-end-loss-ratio
    </cfm-ethlm-cir-near-end-loss-ratio>
    <cfm-ethlm-cir-far-end-loss-ratio>
      cfm-ethlm-cir-far-end-loss-ratio
    </cfm-ethlm-cir-far-end-loss-ratio>
  </cfm-ethlm-cir-reply-entry>
</ethlm-cir-eir-results>
```

Description

<cfm-ethlm-cir-reply-summary>

Usage

```

<cfm-ethlm-cir-reply-summary>
  <cfm-ethlm-requests-packets>
    cfm-ethlm-requests-packets
  </cfm-ethlm-requests-packets>
  <cfm-ethlm-response-packets>
    cfm-ethlm-response-packets
  </cfm-ethlm-response-packets>
  <cfm-ethlm-cir-average-near-end-frame-loss>
    cfm-ethlm-cir-average-near-end-frame-loss
  </cfm-ethlm-cir-average-near-end-frame-loss>
  <cfm-ethlm-cir-average-near-end-loss-ratio>
    cfm-ethlm-cir-average-near-end-loss-ratio
  </cfm-ethlm-cir-average-near-end-loss-ratio>
  <cfm-ethlm-cir-average-far-end-frame-loss>
    cfm-ethlm-cir-average-far-end-frame-loss
  </cfm-ethlm-cir-average-far-end-frame-loss>
  <cfm-ethlm-cir-average-far-end-loss-ratio>
    cfm-ethlm-cir-average-far-end-loss-ratio
  </cfm-ethlm-cir-average-far-end-loss-ratio>
  <cfm-ethlm-cir-near-end-best-case-frame-loss>
    cfm-ethlm-cir-near-end-best-case-frame-loss
  </cfm-ethlm-cir-near-end-best-case-frame-loss>
  <cfm-ethlm-cir-near-end-best-case-loss-ratio>
    cfm-ethlm-cir-near-end-best-case-loss-ratio
  </cfm-ethlm-cir-near-end-best-case-loss-ratio>
  <cfm-ethlm-cir-near-end-worst-case-frame-loss>
    cfm-ethlm-cir-near-end-worst-case-frame-loss
  </cfm-ethlm-cir-near-end-worst-case-frame-loss>
  <cfm-ethlm-cir-near-end-worst-case-loss-ratio>
    cfm-ethlm-cir-near-end-worst-case-loss-ratio
  </cfm-ethlm-cir-near-end-worst-case-loss-ratio>
  <cfm-ethlm-cir-far-end-best-case-frame-loss>
    cfm-ethlm-cir-far-end-best-case-frame-loss
  </cfm-ethlm-cir-far-end-best-case-frame-loss>
  <cfm-ethlm-cir-far-end-best-case-loss-ratio>
    cfm-ethlm-cir-far-end-best-case-loss-ratio
  </cfm-ethlm-cir-far-end-best-case-loss-ratio>
  <cfm-ethlm-cir-far-end-worst-case-frame-loss>
    cfm-ethlm-cir-far-end-worst-case-frame-loss
  </cfm-ethlm-cir-far-end-worst-case-frame-loss>
  <cfm-ethlm-cir-far-end-worst-case-loss-ratio>
    cfm-ethlm-cir-far-end-worst-case-loss-ratio
  </cfm-ethlm-cir-far-end-worst-case-loss-ratio>
</cfm-ethlm-cir-reply-summary>

```

Description

<cfm-ethlm-cir-reply-summary>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-cir-reply-summary>

```

```
<cfm-ethlm-requests-packets>
  cfm-ethlm-requests-packets
</cfm-ethlm-requests-packets>
<cfm-ethlm-response-packets>
  cfm-ethlm-response-packets
</cfm-ethlm-response-packets>
<cfm-ethlm-cir-average-near-end-frame-loss>
  cfm-ethlm-cir-average-near-end-frame-loss
</cfm-ethlm-cir-average-near-end-frame-loss>
<cfm-ethlm-cir-average-near-end-loss-ratio>
  cfm-ethlm-cir-average-near-end-loss-ratio
</cfm-ethlm-cir-average-near-end-loss-ratio>
<cfm-ethlm-cir-average-far-end-frame-loss>
  cfm-ethlm-cir-average-far-end-frame-loss
</cfm-ethlm-cir-average-far-end-frame-loss>
<cfm-ethlm-cir-average-far-end-loss-ratio>
  cfm-ethlm-cir-average-far-end-loss-ratio
</cfm-ethlm-cir-average-far-end-loss-ratio>
<cfm-ethlm-cir-near-end-best-case-frame-loss>
  cfm-ethlm-cir-near-end-best-case-frame-loss
</cfm-ethlm-cir-near-end-best-case-frame-loss>
<cfm-ethlm-cir-near-end-best-case-loss-ratio>
  cfm-ethlm-cir-near-end-best-case-loss-ratio
</cfm-ethlm-cir-near-end-best-case-loss-ratio>
<cfm-ethlm-cir-near-end-worst-case-frame-loss>
  cfm-ethlm-cir-near-end-worst-case-frame-loss
</cfm-ethlm-cir-near-end-worst-case-frame-loss>
<cfm-ethlm-cir-near-end-worst-case-loss-ratio>
  cfm-ethlm-cir-near-end-worst-case-loss-ratio
</cfm-ethlm-cir-near-end-worst-case-loss-ratio>
<cfm-ethlm-cir-far-end-best-case-frame-loss>
  cfm-ethlm-cir-far-end-best-case-frame-loss
</cfm-ethlm-cir-far-end-best-case-frame-loss>
<cfm-ethlm-cir-far-end-best-case-loss-ratio>
  cfm-ethlm-cir-far-end-best-case-loss-ratio
</cfm-ethlm-cir-far-end-best-case-loss-ratio>
<cfm-ethlm-cir-far-end-worst-case-frame-loss>
  cfm-ethlm-cir-far-end-worst-case-frame-loss
</cfm-ethlm-cir-far-end-worst-case-frame-loss>
<cfm-ethlm-cir-far-end-worst-case-loss-ratio>
  cfm-ethlm-cir-far-end-worst-case-loss-ratio
</cfm-ethlm-cir-far-end-worst-case-loss-ratio>
</cfm-ethlm-cir-reply-summary>
</ethlm-cir-eir-results>
```

Description

<cfm-ethlm-eir-reply-entry>

Usage

```
<cfm-ethlm-eir-reply-entry>
  <cfm-destination-mac-address>
    cfm-destination-mac-address
  </cfm-destination-mac-address>
  <cfm-ethlm-eir-near-end-frame-loss>
```

```

    cfm-ethlm-eir-near-end-frame-loss
  </cfm-ethlm-eir-near-end-frame-loss>
  <cfm-ethlm-eir-far-end-frame-loss>
    cfm-ethlm-eir-far-end-frame-loss
  </cfm-ethlm-eir-far-end-frame-loss>
  <cfm-ethlm-eir-near-end-loss-ratio>
    cfm-ethlm-eir-near-end-loss-ratio
  </cfm-ethlm-eir-near-end-loss-ratio>
  <cfm-ethlm-eir-far-end-loss-ratio>
    cfm-ethlm-eir-far-end-loss-ratio
  </cfm-ethlm-eir-far-end-loss-ratio>
</cfm-ethlm-eir-reply-entry>

```

Description

<cfm-ethlm-eir-reply-entry>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-eir-reply-entry>
    <cfm-destination-mac-address>
      cfm-destination-mac-address
    </cfm-destination-mac-address>
    <cfm-ethlm-eir-near-end-frame-loss>
      cfm-ethlm-eir-near-end-frame-loss
    </cfm-ethlm-eir-near-end-frame-loss>
    <cfm-ethlm-eir-far-end-frame-loss>
      cfm-ethlm-eir-far-end-frame-loss
    </cfm-ethlm-eir-far-end-frame-loss>
    <cfm-ethlm-eir-near-end-loss-ratio>
      cfm-ethlm-eir-near-end-loss-ratio
    </cfm-ethlm-eir-near-end-loss-ratio>
    <cfm-ethlm-eir-far-end-loss-ratio>
      cfm-ethlm-eir-far-end-loss-ratio
    </cfm-ethlm-eir-far-end-loss-ratio>
  </cfm-ethlm-eir-reply-entry>
</ethlm-cir-eir-results>

```

Description

<cfm-ethlm-eir-reply-summary>

Usage

```

<cfm-ethlm-eir-reply-summary>
  <cfm-ethlm-eir-average-near-end-frame-loss>
    cfm-ethlm-eir-average-near-end-frame-loss
  </cfm-ethlm-eir-average-near-end-frame-loss>
  <cfm-ethlm-eir-average-near-end-loss-ratio>
    cfm-ethlm-eir-average-near-end-loss-ratio
  </cfm-ethlm-eir-average-near-end-loss-ratio>
  <cfm-ethlm-eir-average-far-end-frame-loss>
    cfm-ethlm-eir-average-far-end-frame-loss
  </cfm-ethlm-eir-average-far-end-frame-loss>
  <cfm-ethlm-eir-average-far-end-loss-ratio>

```

```

    cfm-ethlm-eir-average-far-end-loss-ratio
  </cfm-ethlm-eir-average-far-end-loss-ratio>
  <cfm-ethlm-eir-near-end-best-case-frame-loss>
    cfm-ethlm-eir-near-end-best-case-frame-loss
  </cfm-ethlm-eir-near-end-best-case-frame-loss>
  <cfm-ethlm-eir-near-end-best-case-loss-ratio>
    cfm-ethlm-eir-near-end-best-case-loss-ratio
  </cfm-ethlm-eir-near-end-best-case-loss-ratio>
  <cfm-ethlm-eir-near-end-worst-case-frame-loss>
    cfm-ethlm-eir-near-end-worst-case-frame-loss
  </cfm-ethlm-eir-near-end-worst-case-frame-loss>
  <cfm-ethlm-eir-near-end-worst-case-loss-ratio>
    cfm-ethlm-eir-near-end-worst-case-loss-ratio
  </cfm-ethlm-eir-near-end-worst-case-loss-ratio>
  <cfm-ethlm-eir-far-end-best-case-frame-loss>
    cfm-ethlm-eir-far-end-best-case-frame-loss
  </cfm-ethlm-eir-far-end-best-case-frame-loss>
  <cfm-ethlm-eir-far-end-best-case-loss-ratio>
    cfm-ethlm-eir-far-end-best-case-loss-ratio
  </cfm-ethlm-eir-far-end-best-case-loss-ratio>
  <cfm-ethlm-eir-far-end-worst-case-frame-loss>
    cfm-ethlm-eir-far-end-worst-case-frame-loss
  </cfm-ethlm-eir-far-end-worst-case-frame-loss>
  <cfm-ethlm-eir-far-end-worst-case-loss-ratio>
    cfm-ethlm-eir-far-end-worst-case-loss-ratio
  </cfm-ethlm-eir-far-end-worst-case-loss-ratio>
</cfm-ethlm-eir-reply-summary>

```

Description

<cfm-ethlm-eir-reply-summary>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-eir-reply-summary>
    <cfm-ethlm-eir-average-near-end-frame-loss>
      cfm-ethlm-eir-average-near-end-frame-loss
    </cfm-ethlm-eir-average-near-end-frame-loss>
    <cfm-ethlm-eir-average-near-end-loss-ratio>
      cfm-ethlm-eir-average-near-end-loss-ratio
    </cfm-ethlm-eir-average-near-end-loss-ratio>
    <cfm-ethlm-eir-average-far-end-frame-loss>
      cfm-ethlm-eir-average-far-end-frame-loss
    </cfm-ethlm-eir-average-far-end-frame-loss>
    <cfm-ethlm-eir-average-far-end-loss-ratio>
      cfm-ethlm-eir-average-far-end-loss-ratio
    </cfm-ethlm-eir-average-far-end-loss-ratio>
    <cfm-ethlm-eir-near-end-best-case-frame-loss>
      cfm-ethlm-eir-near-end-best-case-frame-loss
    </cfm-ethlm-eir-near-end-best-case-frame-loss>
    <cfm-ethlm-eir-near-end-best-case-loss-ratio>
      cfm-ethlm-eir-near-end-best-case-loss-ratio
    </cfm-ethlm-eir-near-end-best-case-loss-ratio>
    <cfm-ethlm-eir-near-end-worst-case-frame-loss>
      cfm-ethlm-eir-near-end-worst-case-frame-loss
    </cfm-ethlm-eir-near-end-worst-case-frame-loss>
  </cfm-ethlm-eir-reply-summary>
</ethlm-cir-eir-results>

```

```

</cfm-ethlm-eir-near-end-worst-case-frame-loss>
<cfm-ethlm-eir-near-end-worst-case-loss-ratio>
  cfm-ethlm-eir-near-end-worst-case-loss-ratio
</cfm-ethlm-eir-near-end-worst-case-loss-ratio>
<cfm-ethlm-eir-far-end-best-case-frame-loss>
  cfm-ethlm-eir-far-end-best-case-frame-loss
</cfm-ethlm-eir-far-end-best-case-frame-loss>
<cfm-ethlm-eir-far-end-best-case-loss-ratio>
  cfm-ethlm-eir-far-end-best-case-loss-ratio
</cfm-ethlm-eir-far-end-best-case-loss-ratio>
<cfm-ethlm-eir-far-end-worst-case-frame-loss>
  cfm-ethlm-eir-far-end-worst-case-frame-loss
</cfm-ethlm-eir-far-end-worst-case-frame-loss>
<cfm-ethlm-eir-far-end-worst-case-loss-ratio>
  cfm-ethlm-eir-far-end-worst-case-loss-ratio
</cfm-ethlm-eir-far-end-worst-case-loss-ratio>
</cfm-ethlm-eir-reply-summary>
</ethlm-cir-eir-results>

```

Description

<cfm-ethlm-error-reply-entry>

Usage

```

<cfm-ethlm-error-reply-entry>
  <cfm-ethlm-invalid-flags-response>
    cfm-ethlm-invalid-flags-response
  </cfm-ethlm-invalid-flags-response>
  <cfm-ethlm-invalid-tlvoffset-response>
    cfm-ethlm-invalid-tlvoffset-response
  </cfm-ethlm-invalid-tlvoffset-response>
  <cfm-ethlm-no-endtlv-response>
    cfm-ethlm-no-endtlv-response
  </cfm-ethlm-no-endtlv-response>
  <cfm-ethlm-no-juniperlmtlv-response>
    cfm-ethlm-no-juniperlmtlv-response
  </cfm-ethlm-no-juniperlmtlv-response>
  <cfm-ethlm-server-counter-reset-response>
    cfm-ethlm-server-counter-reset-response
  </cfm-ethlm-server-counter-reset-response>
</cfm-ethlm-error-reply-entry>

```

Description

<cfm-ethlm-error-reply-entry>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-error-reply-entry>
    <cfm-ethlm-invalid-flags-response>
      cfm-ethlm-invalid-flags-response
    </cfm-ethlm-invalid-flags-response>
    <cfm-ethlm-invalid-tlvoffset-response>
      cfm-ethlm-invalid-tlvoffset-response

```

```
</cfm-ethlm-invalid-tlvoffset-response>
<cfm-ethlm-no-endtlv-response>
  cfm-ethlm-no-endtlv-response
</cfm-ethlm-no-endtlv-response>
<cfm-ethlm-no-juniperlmtlv-response>
  cfm-ethlm-no-juniperlmtlv-response
</cfm-ethlm-no-juniperlmtlv-response>
<cfm-ethlm-server-counter-reset-response>
  cfm-ethlm-server-counter-reset-response
</cfm-ethlm-server-counter-reset-response>
</cfm-ethlm-error-reply-entry>
</ethlm-cir-eir-results>
```

Description

<cfm-ethlm-error-snapshot>

Usage

```
<cfm-ethlm-error-snapshot>
<cfm-ethlm-error-reason>
  cfm-ethlm-error-reason
</cfm-ethlm-error-reason>
</cfm-ethlm-error-snapshot>
```

Description

<cfm-ethlm-error-snapshot>

Usage

```
<ethlm-cir-eir-results>
  <cfm-ethlm-error-snapshot>
    <cfm-ethlm-error-reason>
      cfm-ethlm-error-reason
    </cfm-ethlm-error-reason>
  </cfm-ethlm-error-snapshot>
</ethlm-cir-eir-results>
```

Description

<cfm-ethlm-request-snapshot>

Usage

```
<cfm-ethlm-request-snapshot>
<cfm-interface-name>
  cfm-interface-name
</cfm-interface-name>
<cfm-level>
  cfm-level
</cfm-level>
<cfm-maintenance-domain-name>
  cfm-maintenance-domain-name
</cfm-maintenance-domain-name>
<cfm-maintenance-association-name>
  cfm-maintenance-association-name
```



```

</cfm-maintenance-association-name>
<cfm-local-mep-identifier>
  cfm-local-mep-identifier
</cfm-local-mep-identifier>
<cfm-destination-mac-address>
  cfm-destination-mac-address
</cfm-destination-mac-address>
</cfm-ethlm-request-snapshot>

```

Description

<cfm-ethlm-request-snapshot>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-request-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-destination-mac-address>
      cfm-destination-mac-address
    </cfm-destination-mac-address>
  </cfm-ethlm-request-snapshot>
</ethlm-cir-eir-results>

```

Description

<ethlm-cir-eir-results>

Usage

```

<ethlm-cir-eir-results>
  <cfm-ethlm-error-snapshot>....</cfm-ethlm-error-snapshot>
  <cfm-ethlm-request-snapshot>....</cfm-ethlm-request-snapshot>
  <cfm-ethlm-error-reply-entry>....</cfm-ethlm-error-reply-entry>
  <cfm-ethlm-cir-reply-entry>....</cfm-ethlm-cir-reply-entry>
  <cfm-ethlm-eir-reply-entry>....</cfm-ethlm-eir-reply-entry>
  <cfm-ethlm-cir-reply-summary>....</cfm-ethlm-cir-reply-summary>
  <cfm-ethlm-eir-reply-summary>....</cfm-ethlm-eir-reply-summary>
</ethlm-cir-eir-results>

```

Description

Summary of ETH Ping Response Tags

<cfm-loopback-error-snapshot>

Usage

```
<cfm-loopback-error-snapshot>
  <cfm-loopback-error-reason>
    cfm-loopback-error-reason
  </cfm-loopback-error-reason>
</cfm-loopback-error-snapshot>
```

Description

<cfm-loopback-error-snapshot>

Usage

```
<ethping-results>
  <cfm-loopback-error-snapshot>
    <cfm-loopback-error-reason>
      cfm-loopback-error-reason
    </cfm-loopback-error-reason>
  </cfm-loopback-error-snapshot>
</ethping-results>
```

Description

<cfm-loopback-reply-entry>

Usage

```
<cfm-loopback-reply-entry>
  <cfm-loopback-responses-bytes>
    cfm-loopback-responses-bytes
  </cfm-loopback-responses-bytes>
  <cfm-target-mac-address>
    cfm-target-mac-address
  </cfm-target-mac-address>
  <cfm-loopback-transaction-identifier>
    cfm-loopback-transaction-identifier
  </cfm-loopback-transaction-identifier>
</cfm-loopback-reply-entry>
```

Description

<cfm-loopback-reply-entry>

Usage

```
<ethping-results>
  <cfm-loopback-reply-entry>
    <cfm-loopback-responses-bytes>
      cfm-loopback-responses-bytes
    </cfm-loopback-responses-bytes>
    <cfm-target-mac-address>
      cfm-target-mac-address
    </cfm-target-mac-address>
  </cfm-loopback-reply-entry>
</ethping-results>
```

```

    </cfm-target-mac-address>
    <cfm-loopback-transaction-identifier>
      cfm-loopback-transaction-identifier
    </cfm-loopback-transaction-identifier>
  </cfm-loopback-reply-entry>
</ethping-results>

```

Description

<cfm-loopback-reply-summary>

Usage

```

<cfm-loopback-reply-summary>
  <cfm-loopback-requests-packets>
    cfm-loopback-requests-packets
  </cfm-loopback-requests-packets>
  <cfm-loopback-responses-packets>
    cfm-loopback-responses-packets
  </cfm-loopback-responses-packets>
  <cfm-loopback-percentage-packet-loss>
    cfm-loopback-percentage-packet-loss
  </cfm-loopback-percentage-packet-loss>
</cfm-loopback-reply-summary>

```

Description

<cfm-loopback-reply-summary>

Usage

```

<ethping-results>
  <cfm-loopback-reply-summary>
    <cfm-loopback-requests-packets>
      cfm-loopback-requests-packets
    </cfm-loopback-requests-packets>
    <cfm-loopback-responses-packets>
      cfm-loopback-responses-packets
    </cfm-loopback-responses-packets>
    <cfm-loopback-percentage-packet-loss>
      cfm-loopback-percentage-packet-loss
    </cfm-loopback-percentage-packet-loss>
  </cfm-loopback-reply-summary>
</ethping-results>

```

Description

<cfm-loopback-request-snapshot>

Usage

```

<cfm-loopback-request-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level

```

```
</cfm-level>
<cfm-maintenance-domain-name>
  cfm-maintenance-domain-name
</cfm-maintenance-domain-name>
<cfm-maintenance-association-name>
  cfm-maintenance-association-name
</cfm-maintenance-association-name>
<cfm-local-mep-identifier>
  cfm-local-mep-identifier
</cfm-local-mep-identifier>
<cfm-target-mac-address>
  cfm-target-mac-address
</cfm-target-mac-address>
<cfm-loopback-transaction-identifier>
  cfm-loopback-transaction-identifier
</cfm-loopback-transaction-identifier>
<cfm-loopback-requests-bytes>
  cfm-loopback-requests-bytes
</cfm-loopback-requests-bytes>
</cfm-loopback-request-snapshot>
```

Description

<cfm-loopback-request-snapshot>

Usage

```
<ethping-results>
  <cfm-loopback-request-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-target-mac-address>
      cfm-target-mac-address
    </cfm-target-mac-address>
    <cfm-loopback-transaction-identifier>
      cfm-loopback-transaction-identifier
    </cfm-loopback-transaction-identifier>
    <cfm-loopback-requests-bytes>
      cfm-loopback-requests-bytes
    </cfm-loopback-requests-bytes>
  </cfm-loopback-request-snapshot>
</ethping-results>
```

Description

<ethping-results>

Usage

```
<ethping-results>
  <cfm-loopback-error-snapshot>....</cfm-loopback-error-snapshot>
  <cfm-loopback-request-snapshot>....</cfm-loopback-request-snapshot>
  <cfm-loopback-reply-entry>....</cfm-loopback-reply-entry>
  <cfm-loopback-reply-summary>....</cfm-loopback-reply-summary>
</ethping-results>
```

Description

Summary of Ethernet Traceroute Response Tags

<cfm-linktrace-error-snapshot>

Usage

```
<cfm-linktrace-error-snapshot>
  <cfm-linktrace-error-reason>
    cfm-linktrace-error-reason
  </cfm-linktrace-error-reason>
</cfm-linktrace-error-snapshot>
```

Description

<cfm-linktrace-error-snapshot>

Usage

```
<ethtraceroute-results>
  <cfm-linktrace-error-snapshot>
    <cfm-linktrace-error-reason>
      cfm-linktrace-error-reason
    </cfm-linktrace-error-reason>
  </cfm-linktrace-error-snapshot>
</ethtraceroute-results>
```

Description

<cfm-linktrace-reply-entry>

Usage

```
<cfm-linktrace-reply-entry>
  <cfm-linktrace-request-hop-identifier>
    cfm-linktrace-request-hop-identifier
  </cfm-linktrace-request-hop-identifier>
  <cfm-linktrace-reply-ttl>
    cfm-linktrace-reply-ttl
  </cfm-linktrace-reply-ttl>
  <cfm-mep-mip-mac-address>
    cfm-mep-mip-mac-address
  </cfm-mep-mip-mac-address>
```

```
<cfm-next-hop-mac-address>
  cfm-next-hop-mac-address
</cfm-next-hop-mac-address>
<cfm-linktrace-reply-wait-str>
  cfm-linktrace-reply-wait-str
</cfm-linktrace-reply-wait-str>
</cfm-linktrace-reply-entry>
```

Description

<cfm-linktrace-reply-entry>

Usage

```
<ethtracroute-results>
  <cfm-linktrace-reply-entry>
    <cfm-linktrace-request-hop-identifier>
      cfm-linktrace-request-hop-identifier
    </cfm-linktrace-request-hop-identifier>
    <cfm-linktrace-reply-ttl>
      cfm-linktrace-reply-ttl
    </cfm-linktrace-reply-ttl>
    <cfm-mep-mip-mac-address>
      cfm-mep-mip-mac-address
    </cfm-mep-mip-mac-address>
    <cfm-next-hop-mac-address>
      cfm-next-hop-mac-address
    </cfm-next-hop-mac-address>
    <cfm-linktrace-reply-wait-str>
      cfm-linktrace-reply-wait-str
    </cfm-linktrace-reply-wait-str>
  </cfm-linktrace-reply-entry>
</ethtracroute-results>
```

Description

<cfm-linktrace-request-snapshot>

Usage

```
<cfm-linktrace-request-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
```

```

<cfm-target-mac-address>
  cfm-target-mac-address
</cfm-target-mac-address>
<cfm-linktrace-transaction-identifier>
  cfm-linktrace-transaction-identifier
</cfm-linktrace-transaction-identifier>
</cfm-linktrace-request-snapshot>

```

Description

<cfm-linktrace-request-snapshot>

Usage

```

<ethtraceroute-results>
  <cfm-linktrace-request-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-target-mac-address>
      cfm-target-mac-address
    </cfm-target-mac-address>
    <cfm-linktrace-transaction-identifier>
      cfm-linktrace-transaction-identifier
    </cfm-linktrace-transaction-identifier>
  </cfm-linktrace-request-snapshot>
</ethtraceroute-results>

```

Description

<ethtraceroute-results>

Usage

```

<ethtraceroute-results>
  <cfm-linktrace-error-snapshot>....</cfm-linktrace-error-snapshot>
  <cfm-linktrace-request-snapshot>....</cfm-linktrace-request-snapshot>
  <cfm-linktrace-reply-entry>.....</cfm-linktrace-reply-entry>
</ethtraceroute-results>

```

Description

Summary of Firewall Filter Response Tags

<counter>

Usage

```
<counter>
  <counter-name>
    counter-name
  </counter-name>
  <byte-count>
    byte-count
  </byte-count>
  <packet-count>
    packet-count
  </packet-count>
</counter>
```

Description Counter information

<counter>

Usage

```
<filter-information>
  <counter>
    <counter-name>
      counter-name
    </counter-name>
    <byte-count>
      byte-count
    </byte-count>
    <packet-count>
      packet-count
    </packet-count>
  </counter>
</filter-information>
```

Description Counter information

<counter>

Usage

```
<firewall-information>
  <filter-information>
    <counter>
      <counter-name>
        counter-name
      </counter-name>
      <byte-count>
        byte-count
      </byte-count>
      <packet-count>
        packet-count
    </counter>
  </filter-information>
</firewall-information>
```



```
</packet-count>
</counter>
</filter-information>
</firewall-information>
```

Description Counter information

<counter>

Usage

```
<firewall-prefix-action-information>
  <counter>
    <counter-name>
      counter-name
    </counter-name>
    <byte-count>
      byte-count
    </byte-count>
    <packet-count>
      packet-count
    </packet-count>
  </counter>
</firewall-prefix-action-information>
```

Description Counter information

<filter-information>

Usage

```
<filter-information>
  <filter-name>
    filter-name
  </filter-name>
  <counter>....</counter>
  <policer>....</policer>
  <filter-version>....</filter-version>
</filter-information>
```

Description Details of a firewall filter

<filter-information>

Usage

```
<firewall-information>
  <filter-information>
    <filter-name>
      filter-name
    </filter-name>
    <counter>....</counter>
    <policer>....</policer>
    <filter-version>....</filter-version>
```

```
</filter-information>
</firewall-information>
```

Description Details of a firewall filter

<filter-version>

Usage

```
<filter-version>
  <filter-name>
    filter-name
  </filter-name>
  <version>
    version
  </version>
</filter-version>
```

Description Filter version information

<filter-version>

Usage

```
<filter-information>
  <filter-version>
    <filter-name>
      filter-name
    </filter-name>
    <version>
      version
    </version>
  </filter-version>
</filter-information>
```

Description Filter version information

<filter-version>

Usage

```
<firewall-information>
  <filter-information>
    <filter-version>
      <filter-name>
        filter-name
      </filter-name>
      <version>
        version
      </version>
    </filter-version>
  </filter-information>
</firewall-information>
```

Description Filter version information

<firewall-db-object-counts>

Usage

```
<firewall-db-object-counts>
  <firewall-db-object-type>
    firewall-db-object-type
  </firewall-db-object-type>
  <firewall-db-object-dynamic>
    firewall-db-object-dynamic
  </firewall-db-object-dynamic>
  <firewall-db-object-config>
    firewall-db-object-config
  </firewall-db-object-config>
  <firewall-db-object-kernel>
    firewall-db-object-kernel
  </firewall-db-object-kernel>
</firewall-db-object-counts>
```

Description

<firewall-db-object-counts>

Usage

```
<firewall-db-object-information>
  <firewall-db-object-counts>
    <firewall-db-object-type>
      firewall-db-object-type
    </firewall-db-object-type>
    <firewall-db-object-dynamic>
      firewall-db-object-dynamic
    </firewall-db-object-dynamic>
    <firewall-db-object-config>
      firewall-db-object-config
    </firewall-db-object-config>
    <firewall-db-object-kernel>
      firewall-db-object-kernel
    </firewall-db-object-kernel>
  </firewall-db-object-counts>
</firewall-db-object-information>
```

Description

<firewall-db-object-information>

Usage

```
<firewall-db-object-information>
  <firewall-db-object-counts>....</firewall-db-object-counts>
</firewall-db-object-information>
```

Description

<firewall-debug-information>

Usage

```
<firewall-debug-information>
  <firewall-debug-str>
    firewall-debug-str
  </firewall-debug-str>
</firewall-debug-information>
```

Description

<firewall-emalloc-information>

Usage

```
<firewall-emalloc-information>
  <firewall-emalloc-stats>....</firewall-emalloc-stats>
</firewall-emalloc-information>
```

Description

<firewall-emalloc-stats>

Usage

```
<firewall-emalloc-stats>
  <firewall-emalloc-phase>
    firewall-emalloc-phase
  </firewall-emalloc-phase>
  <firewall-emalloc-type>
    firewall-emalloc-type
  </firewall-emalloc-type>
  <firewall-emalloc-num-times>
    firewall-emalloc-num-times
  </firewall-emalloc-num-times>
  <firewall-emalloc-max-allocated>
    firewall-emalloc-max-allocated
  </firewall-emalloc-max-allocated>
</firewall-emalloc-stats>
```

Description

<firewall-emalloc-stats>

Usage

```
<firewall-emalloc-information>
  <firewall-emalloc-stats>
    <firewall-emalloc-phase>
      firewall-emalloc-phase
    </firewall-emalloc-phase>
    <firewall-emalloc-type>
      firewall-emalloc-type
    </firewall-emalloc-type>
    <firewall-emalloc-num-times>
      firewall-emalloc-num-times
```

```

    </firewall-emalloc-num-times>
    <firewall-emalloc-max-allocated>
      firewall-emalloc-max-allocated
    </firewall-emalloc-max-allocated>
  </firewall-emalloc-stats>
</firewall-emalloc-information>

```

Description**<firewall-information>****Usage**

```

<firewall-information>
  <filter-information>....</filter-information>
</firewall-information>

```

Description**<firewall-log-information>****Usage**

```

<firewall-log-information>
  <log-information>....</log-information>
</firewall-log-information>

```

Description**<firewall-prefix-action-information>****Usage**

```

<firewall-prefix-action-information>
  <filter-name>
    filter-name
  </filter-name>
  <counter>....</counter>
  <policer>....</policer>
</firewall-prefix-action-information>

```

Description Display prefix specific counter and policer statistics for a filter

<log-information>**Usage**

```

<log-information>
  <time>
    time
  </time>
  <filter-name>
    filter-name
  </filter-name>
  <action-name>
    action-name

```

```
</action-name>
<interface-name>
  interface-name
</interface-name>
<protocol-name>
  protocol-name
</protocol-name>
<source-address>
  source-address
</source-address>
<destination-address>
  destination-address
</destination-address>
<packet-length>
  packet-length
</packet-length>
<icmp-type>
  icmp-type
</icmp-type>
<icmp-code>
  icmp-code
</icmp-code>
</log-information>
```

Description Details of a single firewall log entry

<log-information>

Usage

```
<firewall-log-information>
  <log-information>
    <time>
      time
    </time>
    <filter-name>
      filter-name
    </filter-name>
    <action-name>
      action-name
    </action-name>
    <interface-name>
      interface-name
    </interface-name>
    <protocol-name>
      protocol-name
    </protocol-name>
    <source-address>
      source-address
    </source-address>
    <destination-address>
      destination-address
    </destination-address>
    <packet-length>
      packet-length
```

```
</packet-length>
<icmp-type>
  icmp-type
</icmp-type>
<icmp-code>
  icmp-code
</icmp-code>
</log-information>
</firewall-log-information>
```

Description Details of a single firewall log entry

<policer>

Usage

```
<policer>
<policer-name>
  policer-name
</policer-name>
<packet-count>
  packet-count
</packet-count>
</policer>
```

Description Policer information

<policer>

Usage

```
<filter-information>
<policer>
  <policer-name>
    policer-name
  </policer-name>
  <packet-count>
    packet-count
  </packet-count>
</policer>
</filter-information>
```

Description Policer information

<policer>

Usage

```
<firewall-information>
<filter-information>
  <policer>
    <policer-name>
      policer-name
    </policer-name>
```

```
<packet-count>
  packet-count
</packet-count>
</policer>
</filter-information>
</firewall-information>
```

Description Policer information

<policer>

Usage

```
<firewall-prefix-action-information>
  <policer>
    <policer-name>
      policer-name
    </policer-name>
    <packet-count>
      packet-count
    </packet-count>
  </policer>
</firewall-prefix-action-information>
```

Description Policer information

Summary of J20 Gateway GPRS Support Response Tags

<apn-pdp-context-deletion-results>

Usage

```
<apn-pdp-context-deletion-results>
  <apn-name>
    apn-name
  </apn-name>
  <user-category>
    user-category
  </user-category>

  <interface-pdp-context-deletion-information>....</interface-pdp-context-deletion-information>

</apn-pdp-context-deletion-results>
```

Description Results for an APN-wide PDP context deletion command

<apn-statistics>

Usage

```
<apn-statistics-information>
  <apn-statistics>
    <name>
      name
```



```

</name>
<pdp-context-statistics>....</pdp-context-statistics>
<gtp-error-statistics>....</gtp-error-statistics>
<uplink>....</uplink>
<downlink>....</downlink>
<ggsn-pdp-per-user-category>....</ggsn-pdp-per-user-category>
<radius-statistics-information>....</radius-statistics-information>
<rulespace-based-charging-statistics>....</rulespace-based-charging-statistics>

<signalling>....</signalling>
<tft-filter-count>
  tft-filter-count
</tft-filter-count>
<neighbor-solicitation-req-received>
  neighbor-solicitation-req-received
</neighbor-solicitation-req-received>
<neighbor-solicitation-req-responded>
  neighbor-solicitation-req-responded
</neighbor-solicitation-req-responded>
<router-solicitation-req-received>
  router-solicitation-req-received
</router-solicitation-req-received>
<router-solicitation-req-responded>
  router-solicitation-req-responded
</router-solicitation-req-responded>
</apn-statistics>
</apn-statistics-information>

```

Description Statistics for a single APN

<apn-statistics-information>

Usage

```

<apn-statistics-information>
<apn-statistics>....</apn-statistics>
<sbcc-statistics-information>....</sbcc-statistics-information>
<service-based-charging-for-gx>....</service-based-charging-for-gx>
</apn-statistics-information>

```

Description APN statistics for the GGSN

<authorization-discard-information>

Usage

```

<authorization-discard-information>
<authorization-discard-statistics>....</authorization-discard-statistics>
</authorization-discard-information>

```

Description

<authorization-discard-information>

Usage

```
<sbcc-statistics-information>
  <authorization-discard-information>
    <authorization-discard-statistics>....</authorization-discard-statistics>
  </authorization-discard-information>
</sbcc-statistics-information>
```

Description

<authorization-discard-information>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <authorization-discard-information>
      <authorization-discard-statistics>....</authorization-discard-statistics>
    </authorization-discard-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description

<authorization-discard-information>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <authorization-discard-information>
        <authorization-discard-statistics>....</authorization-discard-statistics>
      </authorization-discard-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description

<authorization-discard-information>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <authorization-discard-information>
      <authorization-discard-statistics>....</authorization-discard-statistics>
    </authorization-discard-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description

<authorization-discard-information>**Usage**

```

<apn-statistics-information>
  <sbcc-statistics-information>
    <authorization-discard-information>
      <authorization-discard-statistics>....</authorization-discard-statistics>
    </authorization-discard-information>
  </sbcc-statistics-information>
</apn-statistics-information>

```

Description**<authorization-discard-statistics>****Usage**

```

<authorization-discard-information>
  <authorization-discard-statistics>
    <service-class-source>
      service-class-source
    </service-class-source>
    <packets>
      packets
    </packets>
    <bytes>
      bytes
    </bytes>
  </authorization-discard-statistics>
</authorization-discard-information>

```

Description Statistics for authorization-based packet discards

<authorization-discard-statistics>**Usage**

```

<sbcc-statistics-information>
  <authorization-discard-information>
    <authorization-discard-statistics>
      <service-class-source>
        service-class-source
      </service-class-source>
      <packets>
        packets
      </packets>
      <bytes>
        bytes
      </bytes>
    </authorization-discard-statistics>
  </authorization-discard-information>
</sbcc-statistics-information>

```

Description Statistics for authorization-based packet discards

<authorization-discard-statistics>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <authorization-discard-information>
      <authorization-discard-statistics>
        <service-class-source>
          service-class-source
        </service-class-source>
        <packets>
          packets
        </packets>
        <bytes>
          bytes
        </bytes>
      </authorization-discard-statistics>
    </authorization-discard-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description Statistics for authorization-based packet discards

<authorization-discard-statistics>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <authorization-discard-information>
        <authorization-discard-statistics>
          <service-class-source>
            service-class-source
          </service-class-source>
          <packets>
            packets
          </packets>
          <bytes>
            bytes
          </bytes>
        </authorization-discard-statistics>
      </authorization-discard-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Statistics for authorization-based packet discards

<authorization-discard-statistics>

Usage

```
<ggsn-statistics>
```

```

<sbcc-statistics-information>
  <authorization-discard-information>
    <authorization-discard-statistics>
      <service-class-source>
        service-class-source
      </service-class-source>
      <packets>
        packets
      </packets>
      <bytes>
        bytes
      </bytes>
    </authorization-discard-statistics>
  </authorization-discard-information>
</sbcc-statistics-information>
</ggsn-statistics>

```

Description Statistics for authorization-based packet discards

<authorization-discard-statistics>

Usage

```

<apn-statistics-information>
  <sbcc-statistics-information>
    <authorization-discard-information>
      <authorization-discard-statistics>
        <service-class-source>
          service-class-source
        </service-class-source>
        <packets>
          packets
        </packets>
        <bytes>
          bytes
        </bytes>
      </authorization-discard-statistics>
    </authorization-discard-information>
  </sbcc-statistics-information>
</apn-statistics-information>

```

Description Statistics for authorization-based packet discards

<billing-gateway>

Usage

```

<gtp-prime-statistics-information>
  <billing-gateway>
    <address>
      address
    </address>
    <time-connected>
      time-connected
    </time-connected>

```

```
</billing-gateway>
</gtp-prime-statistics-information>
```

Description Active billing gateway information

<call-trace>

Usage

```
<call-trace>
  <imsi>
    imsi
  </imsi>
  <msisdn>
    msisdn
  </msisdn>
  <time-started>
    time-started
  </time-started>
  <nsapi-information>....</nsapi-information>
</call-trace>
```

Description Information about a GGSN node call trace

<call-trace>

Usage

```
<call-trace-information>
  <call-trace>
    <imsi>
      imsi
    </imsi>
    <msisdn>
      msisdn
    </msisdn>
    <time-started>
      time-started
    </time-started>
    <nsapi-information>....</nsapi-information>
  </call-trace>
</call-trace-information>
```

Description Information about a GGSN node call trace

<call-trace-information>

Usage

```
<call-trace-information>
  <number-enabled>
    number-enabled
  </number-enabled>
  <number-active>
```

```

        number-active
      </number-active>
    <call-trace>....</call-trace>
  </call-trace-information>

```

Description Information about call traces enabled for the GGSN node

<ccas-information>

Usage

```

<ccas-information>
  <ccas-statistics>....</ccas-statistics>
</ccas-information>

```

Description Information about credit control application systems

<ccas-information>

Usage

```

<sbcc-statistics-information>
  <ccas-information>
    <ccas-statistics>....</ccas-statistics>
  </ccas-information>
</sbcc-statistics-information>

```

Description Information about credit control application systems

<ccas-information>

Usage

```

<ggsn-interface>
  <sbcc-statistics-information>
    <ccas-information>
      <ccas-statistics>....</ccas-statistics>
    </ccas-information>
  </sbcc-statistics-information>
</ggsn-interface>

```

Description Information about credit control application systems

<ccas-information>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <ccas-information>
        <ccas-statistics>....</ccas-statistics>
      </ccas-information>
    </sbcc-statistics-information>
  </ggsn-interface>

```

```
</ggsn-interface>
</ggsn-interface-information>
```

Description Information about credit control application systems

<ccas-information>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <ccas-information>
      <ccas-statistics>....</ccas-statistics>
    </ccas-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Information about credit control application systems

<ccas-information>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <ccas-information>
      <ccas-statistics>....</ccas-statistics>
    </ccas-information>
  </sbcc-statistics-information>
</apn-statistics-information>
```

Description Information about credit control application systems

<ccas-statistics>

Usage

```
<ccas-information>
  <ccas-statistics>
    <ccas-identifier>
      ccas-identifier
    </ccas-identifier>
    <ccas-start-request>
      ccas-start-request
    </ccas-start-request>
    <ccas-start-request-failed>
      ccas-start-request-failed
    </ccas-start-request-failed>
    <ccas-update-request>
      ccas-update-request
    </ccas-update-request>
    <ccas-update-request-failed>
      ccas-update-request-failed
    </ccas-update-request-failed>
```



```

<ccas-stop-request>
  ccas-stop-request
</ccas-stop-request>
<ccas-stop-request-failed>
  ccas-stop-request-failed
</ccas-stop-request-failed>
<ccas-user-service-denied>
  ccas-user-service-denied
</ccas-user-service-denied>
<ccas-user-unknown>
  ccas-user-unknown
</ccas-user-unknown>
<ccas-authorization-failure>
  ccas-authorization-failure
</ccas-authorization-failure>
<ccas-cc-not-applicable>
  ccas-cc-not-applicable
</ccas-cc-not-applicable>
</ccas-statistics>
</ccas-information>

```

Description Statistics for a credit control application system

<ccas-statistics>

Usage

```

<sbcc-statistics-information>
  <ccas-information>
    <ccas-statistics>
      <ccas-identifier>
        ccas-identifier
      </ccas-identifier>
      <ccas-start-request>
        ccas-start-request
      </ccas-start-request>
      <ccas-start-request-failed>
        ccas-start-request-failed
      </ccas-start-request-failed>
      <ccas-update-request>
        ccas-update-request
      </ccas-update-request>
      <ccas-update-request-failed>
        ccas-update-request-failed
      </ccas-update-request-failed>
      <ccas-stop-request>
        ccas-stop-request
      </ccas-stop-request>
      <ccas-stop-request-failed>
        ccas-stop-request-failed
      </ccas-stop-request-failed>
      <ccas-user-service-denied>
        ccas-user-service-denied
      </ccas-user-service-denied>
      <ccas-user-unknown>

```

```
    ccas-user-unknown
  </ccas-user-unknown>
  <ccas-authorization-failure>
    ccas-authorization-failure
  </ccas-authorization-failure>
  <ccas-cc-not-applicable>
    ccas-cc-not-applicable
  </ccas-cc-not-applicable>
</ccas-statistics>
</ccas-information>
</sbcc-statistics-information>
```

Description Statistics for a credit control application system

<ccas-statistics>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <ccas-information>
      <ccas-statistics>
        <ccas-identifier>
          ccas-identifier
        </ccas-identifier>
        <ccas-start-request>
          ccas-start-request
        </ccas-start-request>
        <ccas-start-request-failed>
          ccas-start-request-failed
        </ccas-start-request-failed>
        <ccas-update-request>
          ccas-update-request
        </ccas-update-request>
        <ccas-update-request-failed>
          ccas-update-request-failed
        </ccas-update-request-failed>
        <ccas-stop-request>
          ccas-stop-request
        </ccas-stop-request>
        <ccas-stop-request-failed>
          ccas-stop-request-failed
        </ccas-stop-request-failed>
        <ccas-user-service-denied>
          ccas-user-service-denied
        </ccas-user-service-denied>
        <ccas-user-unknown>
          ccas-user-unknown
        </ccas-user-unknown>
        <ccas-authorization-failure>
          ccas-authorization-failure
        </ccas-authorization-failure>
        <ccas-cc-not-applicable>
          ccas-cc-not-applicable
        </ccas-cc-not-applicable>
```

```

    </ccas-statistics>
  </ccas-information>
</sbcc-statistics-information>
</ggsn-interface>

```

Description Statistics for a credit control application system

<ccas-statistics>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <ccas-information>
        <ccas-statistics>
          <ccas-identifier>
            ccas-identifier
          </ccas-identifier>
          <ccas-start-request>
            ccas-start-request
          </ccas-start-request>
          <ccas-start-request-failed>
            ccas-start-request-failed
          </ccas-start-request-failed>
          <ccas-update-request>
            ccas-update-request
          </ccas-update-request>
          <ccas-update-request-failed>
            ccas-update-request-failed
          </ccas-update-request-failed>
          <ccas-stop-request>
            ccas-stop-request
          </ccas-stop-request>
          <ccas-stop-request-failed>
            ccas-stop-request-failed
          </ccas-stop-request-failed>
          <ccas-user-service-denied>
            ccas-user-service-denied
          </ccas-user-service-denied>
          <ccas-user-unknown>
            ccas-user-unknown
          </ccas-user-unknown>
          <ccas-authorization-failure>
            ccas-authorization-failure
          </ccas-authorization-failure>
          <ccas-cc-not-applicable>
            ccas-cc-not-applicable
          </ccas-cc-not-applicable>
        </ccas-statistics>
      </ccas-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>

```

Description Statistics for a credit control application system

<ccas-statistics>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <ccas-information>
      <ccas-statistics>
        <ccas-identifier>
          ccas-identifier
        </ccas-identifier>
        <ccas-start-request>
          ccas-start-request
        </ccas-start-request>
        <ccas-start-request-failed>
          ccas-start-request-failed
        </ccas-start-request-failed>
        <ccas-update-request>
          ccas-update-request
        </ccas-update-request>
        <ccas-update-request-failed>
          ccas-update-request-failed
        </ccas-update-request-failed>
        <ccas-stop-request>
          ccas-stop-request
        </ccas-stop-request>
        <ccas-stop-request-failed>
          ccas-stop-request-failed
        </ccas-stop-request-failed>
        <ccas-user-service-denied>
          ccas-user-service-denied
        </ccas-user-service-denied>
        <ccas-user-unknown>
          ccas-user-unknown
        </ccas-user-unknown>
        <ccas-authorization-failure>
          ccas-authorization-failure
        </ccas-authorization-failure>
        <ccas-cc-not-applicable>
          ccas-cc-not-applicable
        </ccas-cc-not-applicable>
      </ccas-statistics>
    </ccas-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Statistics for a credit control application system

<ccas-statistics>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
```

```

<ccas-information>
  <ccas-statistics>
    <ccas-identifier>
      ccas-identifier
    </ccas-identifier>
    <ccas-start-request>
      ccas-start-request
    </ccas-start-request>
    <ccas-start-request-failed>
      ccas-start-request-failed
    </ccas-start-request-failed>
    <ccas-update-request>
      ccas-update-request
    </ccas-update-request>
    <ccas-update-request-failed>
      ccas-update-request-failed
    </ccas-update-request-failed>
    <ccas-stop-request>
      ccas-stop-request
    </ccas-stop-request>
    <ccas-stop-request-failed>
      ccas-stop-request-failed
    </ccas-stop-request-failed>
    <ccas-user-service-denied>
      ccas-user-service-denied
    </ccas-user-service-denied>
    <ccas-user-unknown>
      ccas-user-unknown
    </ccas-user-unknown>
    <ccas-authorization-failure>
      ccas-authorization-failure
    </ccas-authorization-failure>
    <ccas-cc-not-applicable>
      ccas-cc-not-applicable
    </ccas-cc-not-applicable>
  </ccas-statistics>
</ccas-information>
</sbcc-statistics-information>
</apn-statistics-information>

```

Description Statistics for a credit control application system

<ccr-statistics>

Usage

```

<service-based-charging-for-gx>
  <ccr-statistics>
    <ccr-identifier>
      ccr-identifier
    </ccr-identifier>
    <authorization-failure>
      authorization-failure
    </authorization-failure>
    <authentication-failure>

```

```
    authentication-failure
  </authentication-failure>
  <session-failure>
    session-failure
  </session-failure>
</ccr-statistics>
</service-based-charging-for-gx>
```

Description Statistics for a credit control application system

<ccr-statistics>

Usage

```
<apn-statistics-information>
  <service-based-charging-for-gx>
    <ccr-statistics>
      <ccr-identifier>
        ccr-identifier
      </ccr-identifier>
      <authorization-failure>
        authorization-failure
      </authorization-failure>
      <authentication-failure>
        authentication-failure
      </authentication-failure>
      <session-failure>
        session-failure
      </session-failure>
    </ccr-statistics>
  </service-based-charging-for-gx>
</apn-statistics-information>
```

Description Statistics for a credit control application system

<charging-statistics-information>

Usage

```
<charging-statistics-information>
  <encoded-cdrs>
    encoded-cdrs
  </encoded-cdrs>
  <failed-encoded-cdrs>
    failed-encoded-cdrs
  </failed-encoded-cdrs>
  <generated-ftp-cdrs>
    generated-ftp-cdrs
  </generated-ftp-cdrs>
  <generated-gtpp-cdrs>
    generated-gtpp-cdrs
  </generated-gtpp-cdrs>
  <gtpp-log-cdrs>
    gtpp-log-cdrs
  </gtpp-log-cdrs>
```

```

<gtp-sec-attempted-cdrs>
  gtp-sec-attempted-cdrs
</gtp-sec-attempted-cdrs>
<gtp-sec-failed-cdrs>
  gtp-sec-failed-cdrs
</gtp-sec-failed-cdrs>
</charging-statistics-information>

```

Description Charging statistics

<charging-statistics-information>

Usage

```

<ggsn-statistics>
  <charging-statistics-information>
    <encoded-cdrs>
      encoded-cdrs
    </encoded-cdrs>
    <failed-encoded-cdrs>
      failed-encoded-cdrs
    </failed-encoded-cdrs>
    <generated-ftp-cdrs>
      generated-ftp-cdrs
    </generated-ftp-cdrs>
    <generated-gtp-cdrs>
      generated-gtp-cdrs
    </generated-gtp-cdrs>
    <gtp-log-cdrs>
      gtp-log-cdrs
    </gtp-log-cdrs>
    <gtp-sec-attempted-cdrs>
      gtp-sec-attempted-cdrs
    </gtp-sec-attempted-cdrs>
    <gtp-sec-failed-cdrs>
      gtp-sec-failed-cdrs
    </gtp-sec-failed-cdrs>
  </charging-statistics-information>
</ggsn-statistics>

```

Description Charging statistics

<cpu-info>

Usage

```

<ggsn-interface>
  <resources>
    <cpu-info>
      <cpu-id>
        cpu-id
      </cpu-id>
      <cpu-load>
        cpu-load
      </cpu-load>
    </cpu-info>
  </resources>
</ggsn-interface>

```

```
</cpu-info>
</resources>
</ggsn-interface>
```

Description CPU usage

<cpu-info>

Usage

```
<ggsn-interface-information>
<ggsn-interface>
<resources>
  <cpu-info>
    <cpu-id>
      cpu-id
    </cpu-id>
    <cpu-load>
      cpu-load
    </cpu-load>
  </cpu-info>
</resources>
</ggsn-interface>
</ggsn-interface-information>
```

Description CPU usage

<das-information>

Usage

```
<das-information>
<das-statistics>....</das-statistics>
</das-information>
```

Description Information about diameter application systems

<das-information>

Usage

```
<sbcc-statistics-information>
  <das-information>
    <das-statistics>....</das-statistics>
  </das-information>
</sbcc-statistics-information>
```

Description Information about diameter application systems

<das-information>

Usage

```
<ggsn-interface>
```



```
<sbcc-statistics-information>
  <das-information>
    <das-statistics>....</das-statistics>
  </das-information>
</sbcc-statistics-information>
</ggsn-interface>
```

Description Information about diameter application systems

<das-information>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <das-information>
        <das-statistics>....</das-statistics>
      </das-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Information about diameter application systems

<das-information>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <das-information>
      <das-statistics>....</das-statistics>
    </das-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Information about diameter application systems

<das-information>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <das-information>
      <das-statistics>....</das-statistics>
    </das-information>
  </sbcc-statistics-information>
</apn-statistics-information>
```

Description Information about diameter application systems

<das-statistics>

Usage

```
<das-information>
  <das-statistics>
    <das-identifier>
      das-identifier
    </das-identifier>
    <request>
      request
    </request>
  </das-statistics>
</das-information>
```

Description Statistics for a diameter application system

<das-statistics>

Usage

```
<sbcc-statistics-information>
  <das-information>
    <das-statistics>
      <das-identifier>
        das-identifier
      </das-identifier>
      <request>
        request
      </request>
    </das-statistics>
  </das-information>
</sbcc-statistics-information>
```

Description Statistics for a diameter application system

<das-statistics>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <das-information>
      <das-statistics>
        <das-identifier>
          das-identifier
        </das-identifier>
        <request>
          request
        </request>
      </das-statistics>
    </das-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description Statistics for a diameter application system

<das-statistics>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <das-information>
        <das-statistics>
          <das-identifier>
            das-identifier
          </das-identifier>
          <request>
            request
          </request>
        </das-statistics>
      </das-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Statistics for a diameter application system

<das-statistics>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <das-information>
      <das-statistics>
        <das-identifier>
          das-identifier
        </das-identifier>
        <request>
          request
        </request>
      </das-statistics>
    </das-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Statistics for a diameter application system

<das-statistics>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <das-information>
      <das-statistics>
        <das-identifier>
```

```
    das-identifier
  </das-identifier>
  <request>
    request
  </request>
</das-statistics>
</das-information>
</sbcc-statistics-information>
</apn-statistics-information>
```

Description Statistics for a diameter application system

<data-record-transfer-statistics>

Usage

```
<data-record-transfer-statistics>
  <request-transmitted>
    request-transmitted
  </request-transmitted>
  <response-received>
    response-received
  </response-received>
  <request-accepted>
    request-accepted
  </request-accepted>
  <error-no-resources>
    error-no-resources
  </error-no-resources>
  <error-service-unsupported>
    error-service-unsupported
  </error-service-unsupported>
  <error-system-failure>
    error-system-failure
  </error-system-failure>
  <error-invalid-request-format>
    error-invalid-request-format
  </error-invalid-request-format>
  <error-version-unsupported>
    error-version-unsupported
  </error-version-unsupported>
  <error-request-unfulfilled>
    error-request-unfulfilled
  </error-request-unfulfilled>
  <error-decoding-error>
    error-decoding-error
  </error-decoding-error>
  <error-already-fulfilled>
    error-already-fulfilled
  </error-already-fulfilled>
  <error-duplicate-packet-fulfilled>
    error-duplicate-packet-fulfilled
  </error-duplicate-packet-fulfilled>
  <send-data-record-packet>
    send-data-record-packet
```

```

</send-data-record-packet>
</data-record-transfer-statistics>

```

Description GTP Prime data record transfer statistics

<data-record-transfer-statistics>

Usage

```

<gtp-prime-statistics-information>
<gtp-prime-statistics>
  <data-record-transfer-statistics>
    <request-transmitted>
      request-transmitted
    </request-transmitted>
    <response-received>
      response-received
    </response-received>
    <request-accepted>
      request-accepted
    </request-accepted>
    <error-no-resources>
      error-no-resources
    </error-no-resources>
    <error-service-unsupported>
      error-service-unsupported
    </error-service-unsupported>
    <error-system-failure>
      error-system-failure
    </error-system-failure>
    <error-invalid-request-format>
      error-invalid-request-format
    </error-invalid-request-format>
    <error-version-unsupported>
      error-version-unsupported
    </error-version-unsupported>
    <error-request-unfulfilled>
      error-request-unfulfilled
    </error-request-unfulfilled>
    <error-decoding-error>
      error-decoding-error
    </error-decoding-error>
    <error-already-fulfilled>
      error-already-fulfilled
    </error-already-fulfilled>
    <error-duplicate-packet-fulfilled>
      error-duplicate-packet-fulfilled
    </error-duplicate-packet-fulfilled>
    <send-data-record-packet>
      send-data-record-packet
    </send-data-record-packet>
  </data-record-transfer-statistics>
</gtp-prime-statistics>
</gtp-prime-statistics-information>

```

Description GTP Prime data record transfer statistics

<downlink>

Usage

```
<downlink>
  <packets>
    packets
  </packets>
  <packets-ipv6>
    packets-ipv6
  </packets-ipv6>
  <bytes>
    bytes
  </bytes>
  <bytes-ipv6>
    bytes-ipv6
  </bytes-ipv6>
  <dropped-packets>
    dropped-packets
  </dropped-packets>
  <dropped-packets-ipv6>
    dropped-packets-ipv6
  </dropped-packets-ipv6>
  <dropped-bytes>
    dropped-bytes
  </dropped-bytes>
  <dropped-bytes-ipv6>
    dropped-bytes-ipv6
  </dropped-bytes-ipv6>
</downlink>
```

Description Link traffic in the downlink direction

<downlink>

Usage

```
<ggsn-statistics>
  <downlink>
    <packets>
      packets
    </packets>
    <packets-ipv6>
      packets-ipv6
    </packets-ipv6>
    <bytes>
      bytes
    </bytes>
    <bytes-ipv6>
      bytes-ipv6
    </bytes-ipv6>
    <dropped-packets>
      dropped-packets
    </dropped-packets>
```

```

<dropped-packets-ipv6>
  dropped-packets-ipv6
</dropped-packets-ipv6>
<dropped-bytes>
  dropped-bytes
</dropped-bytes>
<dropped-bytes-ipv6>
  dropped-bytes-ipv6
</dropped-bytes-ipv6>
</downlink>
</ggsn-statistics>

```

Description Link traffic in the downlink direction

<downlink>

Usage

```

<apn-statistics-information>
  <apn-statistics>
    <downlink>
      <packets>
        packets
      </packets>
      <packets-ipv6>
        packets-ipv6
      </packets-ipv6>
      <bytes>
        bytes
      </bytes>
      <bytes-ipv6>
        bytes-ipv6
      </bytes-ipv6>
      <dropped-packets>
        dropped-packets
      </dropped-packets>
      <dropped-packets-ipv6>
        dropped-packets-ipv6
      </dropped-packets-ipv6>
      <dropped-bytes>
        dropped-bytes
      </dropped-bytes>
      <dropped-bytes-ipv6>
        dropped-bytes-ipv6
      </dropped-bytes-ipv6>
    </downlink>
  </apn-statistics>
</apn-statistics-information>

```

Description Link traffic in the downlink direction

<downlink>

Usage

```
<sgsn-statistics-information>
  <sgsn-statistics>
    <downlink>
      <packets>
        packets
      </packets>
      <packets-ipv6>
        packets-ipv6
      </packets-ipv6>
      <bytes>
        bytes
      </bytes>
      <bytes-ipv6>
        bytes-ipv6
      </bytes-ipv6>
      <dropped-packets>
        dropped-packets
      </dropped-packets>
      <dropped-packets-ipv6>
        dropped-packets-ipv6
      </dropped-packets-ipv6>
      <dropped-bytes>
        dropped-bytes
      </dropped-bytes>
      <dropped-bytes-ipv6>
        dropped-bytes-ipv6
      </dropped-bytes-ipv6>
    </downlink>
  </sgsn-statistics>
</sgsn-statistics-information>
```

Description Link traffic in the downlink direction

<echo-request-statistics>

Usage

```
<echo-request-statistics>
  <request-received>
    request-received
  </request-received>
  <request-transmitted>
    request-transmitted
  </request-transmitted>
  <response-received>
    response-received
  </response-received>
  <response-transmitted>
    response-transmitted
  </response-transmitted>
</echo-request-statistics>
```


Description Echo request information

<echo-request-statistics>

Usage

```
<gtp-statistics-information>
  <gtp-statistics>
    <echo-request-statistics>
      <request-received>
        request-received
      </request-received>
      <request-transmitted>
        request-transmitted
      </request-transmitted>
      <response-received>
        response-received
      </response-received>
      <response-transmitted>
        response-transmitted
      </response-transmitted>
    </echo-request-statistics>
  </gtp-statistics>
</gtp-statistics-information>
```

Description Echo request information

<echo-request-statistics>

Usage

```
<gtp-prime-statistics-information>
  <gtp-prime-statistics>
    <echo-request-statistics>
      <request-received>
        request-received
      </request-received>
      <request-transmitted>
        request-transmitted
      </request-transmitted>
      <response-received>
        response-received
      </response-received>
      <response-transmitted>
        response-transmitted
      </response-transmitted>
    </echo-request-statistics>
  </gtp-prime-statistics>
</gtp-prime-statistics-information>
```

Description Echo request information

<ggsn-interface>

Usage

```
<ggsn-interface>
  <service-interface>
    service-interface
  </service-interface>
  <weighted-pdp-context-load-in-payload>
    weighted-pdp-context-load-in-payload
  </weighted-pdp-context-load-in-payload>
  <weighted-pdp-context-load-in-control>
    weighted-pdp-context-load-in-control
  </weighted-pdp-context-load-in-control>
  <external-address>
    external-address
  </external-address>
  <internal-address>
    internal-address
  </internal-address>
  <operating-function>
    operating-function
  </operating-function>
  <hardware-version>
    hardware-version
  </hardware-version>
  <software-version>
    software-version
  </software-version>
  <pdp>....</pdp>
  <resources>....</resources>
  <tft-statistics>....</tft-statistics>
  <time-started>
    time-started
  </time-started>
  <sbcc-statistics-information>....</sbcc-statistics-information>
</ggsn-interface>
```

Description Information about GGSN-C and GGSN-U service interfaces

<ggsn-interface>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <service-interface>
      service-interface
    </service-interface>
    <weighted-pdp-context-load-in-payload>
      weighted-pdp-context-load-in-payload
    </weighted-pdp-context-load-in-payload>
    <weighted-pdp-context-load-in-control>
      weighted-pdp-context-load-in-control
    </weighted-pdp-context-load-in-control>
    <external-address>
```

```

        external-address
      </external-address>
      <internal-address>
        internal-address
      </internal-address>
      <operating-function>
        operating-function
      </operating-function>
      <hardware-version>
        hardware-version
      </hardware-version>
      <software-version>
        software-version
      </software-version>
      <pdp>....</pdp>
      <resources>....</resources>
      <tft-statistics>....</tft-statistics>
      <time-started>
        time-started
      </time-started>
      <sbcc-statistics-information>....</sbcc-statistics-information>
    </ggsn-interface>
  </ggsn-interface-information>

```

Description Information about GGSN-C and GGSN-U service interfaces

<ggsn-interface-information>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>....</ggsn-interface>
</ggsn-interface-information>

```

Description GGSN PIC information

<ggsn-pdp-per-user-category>

Usage

```

<ggsn-pdp-per-user-category>
  <user-category-line>....</user-category-line>
</ggsn-pdp-per-user-category>

```

Description Active PDP per user category

<ggsn-pdp-per-user-category>

Usage

```

<apn-statistics-information>
  <apn-statistics>
    <ggsn-pdp-per-user-category>
      <user-category-line>....</user-category-line>
    </ggsn-pdp-per-user-category>
  </apn-statistics>
</apn-statistics-information>

```

```
</ggsn-pdp-per-user-category>
</apn-statistics>
</apn-statistics-information>
```

Description Active PDP per user category

<ggsn-statistics>

Usage

```
<ggsn-statistics>
  <time-started>
    time-started
  </time-started>
  <time-sampled>
    time-sampled
  </time-sampled>
  <pdp-context-statistics>....</pdp-context-statistics>

<interface-pdp-context-statistics-information>....</interface-pdp-context-statistics-information>

  <subscriber-count>
    subscriber-count
  </subscriber-count>
  <uplink>....</uplink>
  <downlink>....</downlink>
  <tft-filter-count>
    tft-filter-count
  </tft-filter-count>
  <wlan-pdp-context-activation-procedures>
    wlan-pdp-context-activation-procedures
  </wlan-pdp-context-activation-procedures>
  <wlan-processed-uplink-bytes>
    wlan-processed-uplink-bytes
  </wlan-processed-uplink-bytes>
  <wlan-dropped-uplink-packets>
    wlan-dropped-uplink-packets
  </wlan-dropped-uplink-packets>
  <wlan-processed-uplink-packets>
    wlan-processed-uplink-packets
  </wlan-processed-uplink-packets>
  <wlan-completed-pdp-context-activations>
    wlan-completed-pdp-context-activations
  </wlan-completed-pdp-context-activations>
  <wlan-active-pdp-contexts>
    wlan-active-pdp-contexts
  </wlan-active-pdp-contexts>
  <wlan-processed-downlink-bytes>
    wlan-processed-downlink-bytes
  </wlan-processed-downlink-bytes>
  <wlan-dropped-downlink-packets>
    wlan-dropped-downlink-packets
  </wlan-dropped-downlink-packets>
  <wlan-processed-downlink-packets>
    wlan-processed-downlink-packets
```

```

</wlan-processed-downlink-packets>
<weighted-pdp-context-load>....</weighted-pdp-context-load>
<sbcc-statistics-information>....</sbcc-statistics-information>
<charging-statistics-information>....</charging-statistics-information>
<radius-statistics-information>....</radius-statistics-information>
</ggsn-statistics>

```

Description Global statistics for the GGSN node

<gtp-error-statistics>

Usage

```

<gtp-error-statistics>
  <request-accepted>
    request-accepted
  </request-accepted>
  <error-indication-received>
    error-indication-received
  </error-indication-received>
  <error-indication-transmitted>
    error-indication-transmitted
  </error-indication-transmitted>
  <error-version-unsupported>
    error-version-unsupported
  </error-version-unsupported>
  <error-invalid-request-format>
    error-invalid-request-format
  </error-invalid-request-format>
  <error-invalid-request-format-when-update>
    error-invalid-request-format-when-update
  </error-invalid-request-format-when-update>
  <error-invalid-request-format-when-delete>
    error-invalid-request-format-when-delete
  </error-invalid-request-format-when-delete>
  <error-no-resources>
    error-no-resources
  </error-no-resources>
  <error-no-dynamic-address-available>
    error-no-dynamic-address-available
  </error-no-dynamic-address-available>
  <error-no-memory>
    error-no-memory
  </error-no-memory>
  <error-unknown-apn>
    error-unknown-apn
  </error-unknown-apn>
  <error-unknown-pdp-address-or-type>
    error-unknown-pdp-address-or-type
  </error-unknown-pdp-address-or-type>
  <error-authentication-failed>
    error-authentication-failed
  </error-authentication-failed>
  <error-system-failure>
    error-system-failure

```

```
</error-system-failure>
<error-system-failure-when-update>
  error-system-failure-when-update
</error-system-failure-when-update>
<error-tft-error-semantic>
  error-tft-error-semantic
</error-tft-error-semantic>
<error-tft-error-semantic-when-update>
  error-tft-error-semantic-when-update
</error-tft-error-semantic-when-update>
<error-tft-error-syntax>
  error-tft-error-syntax
</error-tft-error-syntax>
<error-tft-error-syntax-when-update>
  error-tft-error-syntax-when-update
</error-tft-error-syntax-when-update>
<error-packet-filter-semantic>
  error-packet-filter-semantic
</error-packet-filter-semantic>
<error-packet-filter-semantic-when-update>
  error-packet-filter-semantic-when-update
</error-packet-filter-semantic-when-update>
<error-packet-filter-syntax>
  error-packet-filter-syntax
</error-packet-filter-syntax>
<error-packet-filter-syntax-when-update>
  error-packet-filter-syntax-when-update
</error-packet-filter-syntax-when-update>
<error-mandatory-ie-missing>
  error-mandatory-ie-missing
</error-mandatory-ie-missing>
<error-mandatory-ie-missing-when-update>
  error-mandatory-ie-missing-when-update
</error-mandatory-ie-missing-when-update>
<error-mandatory-ie-missing-when-delete>
  error-mandatory-ie-missing-when-delete
</error-mandatory-ie-missing-when-delete>
<error-mandatory-ie-invalid>
  error-mandatory-ie-invalid
</error-mandatory-ie-invalid>
<error-mandatory-ie-invalid-when-update>
  error-mandatory-ie-invalid-when-update
</error-mandatory-ie-invalid-when-update>
<error-mandatory-ie-invalid-when-delete>
  error-mandatory-ie-invalid-when-delete
</error-mandatory-ie-invalid-when-delete>
<error-optional-ie-invalid>
  error-optional-ie-invalid
</error-optional-ie-invalid>
<error-optional-ie-invalid-when-update>
  error-optional-ie-invalid-when-update
</error-optional-ie-invalid-when-update>
<error-optional-ie-invalid-when-delete>
  error-optional-ie-invalid-when-delete
</error-optional-ie-invalid-when-delete>
<error-reference-invalid>
```

```

    error-reference-invalid
  </error-reference-invalid>
  <error-reference-invalid-when-update>
    error-reference-invalid-when-update
  </error-reference-invalid-when-update>
  <error-reference-invalid-when-delete>
    error-reference-invalid-when-delete
  </error-reference-invalid-when-delete>
  <error-service-unsupported>
    error-service-unsupported
  </error-service-unsupported>
  <error-already-activated>
    error-already-activated
  </error-already-activated>
  <error-access-denied>
    error-access-denied
  </error-access-denied>
</gtp-error-statistics>

```

Description GTP error statistics

<gtp-error-statistics>

Usage

```

<gtp-statistics-information>
  <gtp-statistics>
    <gtp-error-statistics>
      <request-accepted>
        request-accepted
      </request-accepted>
      <error-indication-received>
        error-indication-received
      </error-indication-received>
      <error-indication-transmitted>
        error-indication-transmitted
      </error-indication-transmitted>
      <error-version-unsupported>
        error-version-unsupported
      </error-version-unsupported>
      <error-invalid-request-format>
        error-invalid-request-format
      </error-invalid-request-format>
      <error-invalid-request-format-when-update>
        error-invalid-request-format-when-update
      </error-invalid-request-format-when-update>
      <error-invalid-request-format-when-delete>
        error-invalid-request-format-when-delete
      </error-invalid-request-format-when-delete>
      <error-no-resources>
        error-no-resources
      </error-no-resources>
      <error-no-dynamic-address-available>
        error-no-dynamic-address-available
      </error-no-dynamic-address-available>
    </gtp-error-statistics>
  </gtp-statistics>
</gtp-statistics-information>

```

```
<error-no-memory>
  error-no-memory
</error-no-memory>
<error-unknown-apn>
  error-unknown-apn
</error-unknown-apn>
<error-unknown-pdp-address-or-type>
  error-unknown-pdp-address-or-type
</error-unknown-pdp-address-or-type>
<error-authentication-failed>
  error-authentication-failed
</error-authentication-failed>
<error-system-failure>
  error-system-failure
</error-system-failure>
<error-system-failure-when-update>
  error-system-failure-when-update
</error-system-failure-when-update>
<error-tft-error-semantic>
  error-tft-error-semantic
</error-tft-error-semantic>
<error-tft-error-semantic-when-update>
  error-tft-error-semantic-when-update
</error-tft-error-semantic-when-update>
<error-tft-error-syntax>
  error-tft-error-syntax
</error-tft-error-syntax>
<error-tft-error-syntax-when-update>
  error-tft-error-syntax-when-update
</error-tft-error-syntax-when-update>
<error-packet-filter-semantic>
  error-packet-filter-semantic
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  error-mandatory-ie-missing
</error-mandatory-ie-missing>
<error-mandatory-ie-missing-when-update>
  error-mandatory-ie-missing-when-update
</error-mandatory-ie-missing-when-update>
<error-mandatory-ie-missing-when-delete>
  error-mandatory-ie-missing-when-delete
</error-mandatory-ie-missing-when-delete>
<error-mandatory-ie-invalid>
  error-mandatory-ie-invalid
</error-mandatory-ie-invalid>
<error-mandatory-ie-invalid-when-update>
  error-mandatory-ie-invalid-when-update
```



```

</error-mandatory-ie-invalid-when-update>
<error-mandatory-ie-invalid-when-delete>
  error-mandatory-ie-invalid-when-delete
</error-mandatory-ie-invalid-when-delete>
<error-optional-ie-invalid>
  error-optional-ie-invalid
</error-optional-ie-invalid>
<error-optional-ie-invalid-when-update>
  error-optional-ie-invalid-when-update
</error-optional-ie-invalid-when-update>
<error-optional-ie-invalid-when-delete>
  error-optional-ie-invalid-when-delete
</error-optional-ie-invalid-when-delete>
<error-reference-invalid>
  error-reference-invalid
</error-reference-invalid>
<error-reference-invalid-when-update>
  error-reference-invalid-when-update
</error-reference-invalid-when-update>
<error-reference-invalid-when-delete>
  error-reference-invalid-when-delete
</error-reference-invalid-when-delete>
<error-service-unsupported>
  error-service-unsupported
</error-service-unsupported>
<error-already-activated>
  error-already-activated
</error-already-activated>
<error-access-denied>
  error-access-denied
</error-access-denied>
</gtp-error-statistics>
</gtp-statistics>
</gtp-statistics-information>

```

Description GTP error statistics

<gtp-error-statistics>

Usage

```

<apn-statistics-information>
  <apn-statistics>
    <gtp-error-statistics>
      <request-accepted>
        request-accepted
      </request-accepted>
      <error-indication-received>
        error-indication-received
      </error-indication-received>
      <error-indication-transmitted>
        error-indication-transmitted
      </error-indication-transmitted>
      <error-version-unsupported>
        error-version-unsupported
    </gtp-error-statistics>
  </apn-statistics>
</apn-statistics-information>

```

```
</error-version-unsupported>
<error-invalid-request-format>
  error-invalid-request-format
</error-invalid-request-format>
<error-invalid-request-format-when-update>
  error-invalid-request-format-when-update
</error-invalid-request-format-when-update>
<error-invalid-request-format-when-delete>
  error-invalid-request-format-when-delete
</error-invalid-request-format-when-delete>
<error-no-resources>
  error-no-resources
</error-no-resources>
<error-no-dynamic-address-available>
  error-no-dynamic-address-available
</error-no-dynamic-address-available>
<error-no-memory>
  error-no-memory
</error-no-memory>
<error-unknown-apn>
  error-unknown-apn
</error-unknown-apn>
<error-unknown-pdp-address-or-type>
  error-unknown-pdp-address-or-type
</error-unknown-pdp-address-or-type>
<error-authentication-failed>
  error-authentication-failed
</error-authentication-failed>
<error-system-failure>
  error-system-failure
</error-system-failure>
<error-system-failure-when-update>
  error-system-failure-when-update
</error-system-failure-when-update>
<error-tft-error-semantic>
  error-tft-error-semantic
</error-tft-error-semantic>
<error-tft-error-semantic-when-update>
  error-tft-error-semantic-when-update
</error-tft-error-semantic-when-update>
<error-tft-error-syntax>
  error-tft-error-syntax
</error-tft-error-syntax>
<error-tft-error-syntax-when-update>
  error-tft-error-syntax-when-update
</error-tft-error-syntax-when-update>
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  error-packet-filter-semantic
</error-packet-filter-semantic>
<error-packet-filter-semantic-when-update>
  error-packet-filter-semantic-when-update
</error-packet-filter-semantic-when-update>
<error-packet-filter-syntax>
  error-packet-filter-syntax
</error-packet-filter-syntax>
<error-packet-filter-syntax-when-update>
```

```

    error-packet-filter-syntax-when-update
  </error-packet-filter-syntax-when-update>
  <error-mandatory-ie-missing>
    error-mandatory-ie-missing
  </error-mandatory-ie-missing>
  <error-mandatory-ie-missing-when-update>
    error-mandatory-ie-missing-when-update
  </error-mandatory-ie-missing-when-update>
  <error-mandatory-ie-missing-when-delete>
    error-mandatory-ie-missing-when-delete
  </error-mandatory-ie-missing-when-delete>
  <error-mandatory-ie-invalid>
    error-mandatory-ie-invalid
  </error-mandatory-ie-invalid>
  <error-mandatory-ie-invalid-when-update>
    error-mandatory-ie-invalid-when-update
  </error-mandatory-ie-invalid-when-update>
  <error-mandatory-ie-invalid-when-delete>
    error-mandatory-ie-invalid-when-delete
  </error-mandatory-ie-invalid-when-delete>
  <error-optional-ie-invalid>
    error-optional-ie-invalid
  </error-optional-ie-invalid>
  <error-optional-ie-invalid-when-update>
    error-optional-ie-invalid-when-update
  </error-optional-ie-invalid-when-update>
  <error-optional-ie-invalid-when-delete>
    error-optional-ie-invalid-when-delete
  </error-optional-ie-invalid-when-delete>
  <error-reference-invalid>
    error-reference-invalid
  </error-reference-invalid>
  <error-reference-invalid-when-update>
    error-reference-invalid-when-update
  </error-reference-invalid-when-update>
  <error-reference-invalid-when-delete>
    error-reference-invalid-when-delete
  </error-reference-invalid-when-delete>
  <error-service-unsupported>
    error-service-unsupported
  </error-service-unsupported>
  <error-already-activated>
    error-already-activated
  </error-already-activated>
  <error-access-denied>
    error-access-denied
  </error-access-denied>
</gtp-error-statistics>
</apn-statistics>
</apn-statistics-information>

```

Description GTP error statistics

<gtp-error-statistics>

Usage

```
<sgsn-statistics-information>
  <sgsn-statistics>
    <gtp-error-statistics>
      <request-accepted>
        request-accepted
      </request-accepted>
      <error-indication-received>
        error-indication-received
      </error-indication-received>
      <error-indication-transmitted>
        error-indication-transmitted
      </error-indication-transmitted>
      <error-version-unsupported>
        error-version-unsupported
      </error-version-unsupported>
      <error-invalid-request-format>
        error-invalid-request-format
      </error-invalid-request-format>
      <error-invalid-request-format-when-update>
        error-invalid-request-format-when-update
      </error-invalid-request-format-when-update>
      <error-invalid-request-format-when-delete>
        error-invalid-request-format-when-delete
      </error-invalid-request-format-when-delete>
      <error-no-resources>
        error-no-resources
      </error-no-resources>
      <error-no-dynamic-address-available>
        error-no-dynamic-address-available
      </error-no-dynamic-address-available>
      <error-no-memory>
        error-no-memory
      </error-no-memory>
      <error-unknown-apn>
        error-unknown-apn
      </error-unknown-apn>
      <error-unknown-pdp-address-or-type>
        error-unknown-pdp-address-or-type
      </error-unknown-pdp-address-or-type>
      <error-authentication-failed>
        error-authentication-failed
      </error-authentication-failed>
      <error-system-failure>
        error-system-failure
      </error-system-failure>
      <error-system-failure-when-update>
        error-system-failure-when-update
      </error-system-failure-when-update>
      <error-tft-error-semantic>
        error-tft-error-semantic
      </error-tft-error-semantic>
      <error-tft-error-semantic-when-update>
```

```
    error-tft-error-semantic-when-update
  </error-tft-error-semantic-when-update>
  <error-tft-error-syntax>
    error-tft-error-syntax
  </error-tft-error-syntax>
  <error-tft-error-syntax-when-update>
    error-tft-error-syntax-when-update
  </error-tft-error-syntax-when-update>
  <error-packet-filter-semantic>
    error-packet-filter-semantic
  </error-packet-filter-semantic>
  <error-packet-filter-semantic-when-update>
    error-packet-filter-semantic-when-update
  </error-packet-filter-semantic-when-update>
  <error-packet-filter-syntax>
    error-packet-filter-syntax
  </error-packet-filter-syntax>
  <error-packet-filter-syntax-when-update>
    error-packet-filter-syntax-when-update
  </error-packet-filter-syntax-when-update>
  <error-mandatory-ie-missing>
    error-mandatory-ie-missing
  </error-mandatory-ie-missing>
  <error-mandatory-ie-missing-when-update>
    error-mandatory-ie-missing-when-update
  </error-mandatory-ie-missing-when-update>
  <error-mandatory-ie-missing-when-delete>
    error-mandatory-ie-missing-when-delete
  </error-mandatory-ie-missing-when-delete>
  <error-mandatory-ie-invalid>
    error-mandatory-ie-invalid
  </error-mandatory-ie-invalid>
  <error-mandatory-ie-invalid-when-update>
    error-mandatory-ie-invalid-when-update
  </error-mandatory-ie-invalid-when-update>
  <error-mandatory-ie-invalid-when-delete>
    error-mandatory-ie-invalid-when-delete
  </error-mandatory-ie-invalid-when-delete>
  <error-optional-ie-invalid>
    error-optional-ie-invalid
  </error-optional-ie-invalid>
  <error-optional-ie-invalid-when-update>
    error-optional-ie-invalid-when-update
  </error-optional-ie-invalid-when-update>
  <error-optional-ie-invalid-when-delete>
    error-optional-ie-invalid-when-delete
  </error-optional-ie-invalid-when-delete>
  <error-reference-invalid>
    error-reference-invalid
  </error-reference-invalid>
  <error-reference-invalid-when-update>
    error-reference-invalid-when-update
  </error-reference-invalid-when-update>
  <error-reference-invalid-when-delete>
    error-reference-invalid-when-delete
  </error-reference-invalid-when-delete>
```

```
<error-service-unsupported>
  error-service-unsupported
</error-service-unsupported>
<error-already-activated>
  error-already-activated
</error-already-activated>
<error-access-denied>
  error-access-denied
</error-access-denied>
</gtp-error-statistics>
</sgsn-statistics>
</sgsn-statistics-information>
```

Description GTP error statistics

<gtp-prime-error-statistics>

Usage

```
<gtp-prime-error-statistics>
<error-mandatory-ie-missing>
  error-mandatory-ie-missing
</error-mandatory-ie-missing>
<error-mandatory-ie-invalid>
  error-mandatory-ie-invalid
</error-mandatory-ie-invalid>
<error-optional-ie-invalid>
  error-optional-ie-invalid
</error-optional-ie-invalid>
<error-reference-invalid>
  error-reference-invalid
</error-reference-invalid>
</gtp-prime-error-statistics>
```

Description GTP Prime error statistics

<gtp-prime-error-statistics>

Usage

```
<gtp-prime-statistics-information>
<gtp-prime-statistics>
  <gtp-prime-error-statistics>
    <error-mandatory-ie-missing>
      error-mandatory-ie-missing
    </error-mandatory-ie-missing>
    <error-mandatory-ie-invalid>
      error-mandatory-ie-invalid
    </error-mandatory-ie-invalid>
    <error-optional-ie-invalid>
      error-optional-ie-invalid
    </error-optional-ie-invalid>
    <error-reference-invalid>
      error-reference-invalid
    </error-reference-invalid>
```

```

    </gtp-prime-error-statistics>
  </gtp-prime-statistics>
</gtp-prime-statistics-information>

```

Description GTP Prime error statistics

<gtp-prime-statistics>

Usage

```

<gtp-prime-statistics-information>
  <gtp-prime-statistics>
    <service-interface>
      service-interface
    </service-interface>
    <echo-request-statistics>....</echo-request-statistics>
    <version-unsupported-statistics>....</version-unsupported-statistics>
    <node-alive-request-statistics>....</node-alive-request-statistics>
    <redirection-request-statistics>....</redirection-request-statistics>
    <data-record-transfer-statistics>....</data-record-transfer-statistics>
    <gtp-prime-error-statistics>....</gtp-prime-error-statistics>
  </gtp-prime-statistics>
</gtp-prime-statistics-information>

```

Description GTP Prime statistics information

<gtp-prime-statistics-information>

Usage

```

<gtp-prime-statistics-information>
  <billing-gateway>....</billing-gateway>
  <gtp-prime-statistics>....</gtp-prime-statistics>
</gtp-prime-statistics-information>

```

Description GTP Prime statistics information

<gtp-statistics>

Usage

```

<gtp-statistics-information>
  <gtp-statistics>
    <service-interface>
      service-interface
    </service-interface>
    <uplink-packets>
      uplink-packets
    </uplink-packets>
    <uplink-bytes>
      uplink-bytes
    </uplink-bytes>
    <downlink-packets>
      downlink-packets

```

```
</downlink-packets>
<downlink-bytes>
  downlink-bytes
</downlink-bytes>
<dropped-packets>
  dropped-packets
</dropped-packets>
<active-tunnels>
  active-tunnels
</active-tunnels>
<created-tunnels>
  created-tunnels
</created-tunnels>
<echo-request-statistics>....</echo-request-statistics>
<version-unsupported-statistics>....</version-unsupported-statistics>
<pdp-request-statistics>....</pdp-request-statistics>
<gtp-error-statistics>....</gtp-error-statistics>
</gtp-statistics>
</gtp-statistics-information>
```

Description GTP statistics information

<gtp-statistics-information>

Usage

```
<gtp-statistics-information>
<gtp-statistics>....</gtp-statistics>
</gtp-statistics-information>
```

Description GTP statistics information

<incoming>

Usage

```
<signalling>
  <incoming>
    <packets>
      packets
    </packets>
    <bytes>
      bytes
    </bytes>
  </incoming>
</signalling>
```

Description

<incoming>

Usage

```
<apn-statistics-information>
<apn-statistics>
```



```
<signalling>
  <incoming>
    <packets>
      packets
    </packets>
    <bytes>
      bytes
    </bytes>
  </incoming>
</signalling>
</apn-statistics>
</apn-statistics-information>
```

Description

<inspection-information>

Usage

```
<inspection-information>
  <packet-inspection>
    packet-inspection
  </packet-inspection>
</inspection-information>
```

Description Packet inspection related information

<interface-action-results>

Usage

```
<interface-action-results>
  <interface-action>
    interface-action
  </interface-action>
  <service-interface>
    service-interface
  </service-interface>
  <daemon-name>
    daemon-name
  </daemon-name>
</interface-action-results>
```

Description Results of an interface action

<interface-pdp-context-deletion>

Usage

```
<apn-pdp-context-deletion-results>
  <interface-pdp-context-deletion-information>
    <interface-pdp-context-deletion>
      <pdp-deleted>
        pdp-deleted
      </pdp-deleted>
```

```
<service-interface>
  service-interface
</service-interface>
</interface-pdp-context-deletion>
</interface-pdp-context-deletion-information>
</apn-pdp-context-deletion-results>
```

Description**<interface-pdp-context-deletion-information>****Usage**

```
<apn-pdp-context-deletion-results>
  <interface-pdp-context-deletion-information>
    <interface-pdp-context-deletion>....</interface-pdp-context-deletion>
  </interface-pdp-context-deletion-information>
</apn-pdp-context-deletion-results>
```

Description Information about PDP context deletion on a per-interface basis

<interface-pdp-context-statistics>**Usage**

```
<interface-pdp-context-statistics>
  <service-interface>
    service-interface
  </service-interface>
  <pdp-context-statistics>....</pdp-context-statistics>
</interface-pdp-context-statistics>
```

Description Interface-level PDP context statistics

<interface-pdp-context-statistics>**Usage**

```
<ggsn-statistics>
  <interface-pdp-context-statistics-information>
    <interface-pdp-context-statistics>
      <service-interface>
        service-interface
      </service-interface>
      <pdp-context-statistics>....</pdp-context-statistics>
    </interface-pdp-context-statistics>
  </interface-pdp-context-statistics-information>
</ggsn-statistics>
```

Description Interface-level PDP context statistics

<interface-pdp-context-statistics-information>**Usage**

```

<ggsn-statistics>
  <interface-pdp-context-statistics-information>
    <interface-pdp-context-statistics>.....</interface-pdp-context-statistics>
  </interface-pdp-context-statistics-information>
</ggsn-statistics>

```

Description**<l2tp-tunnel-packet-statistics>****Usage**

```

<l2tp-tunnel-packet-statistics>
  <control-tx-packets>
    control-tx-packets
  </control-tx-packets>
  <control-rx-packets>
    control-rx-packets
  </control-rx-packets>
  <data-tx-packets>
    data-tx-packets
  </data-tx-packets>
  <data-rx-packets>
    data-rx-packets
  </data-rx-packets>
  <discard-tx-packets>
    discard-tx-packets
  </discard-tx-packets>
  <discard-rx-packets>
    discard-rx-packets
  </discard-rx-packets>
</l2tp-tunnel-packet-statistics>

```

Description L2TP tunnel statistics**<l2tp-tunnel-packet-statistics>****Usage**

```

<l2tp-tunnel-statistics-information>
  <l2tp-tunnel-statistics>
    <l2tp-tunnel-packet-statistics>
      <control-tx-packets>
        control-tx-packets
      </control-tx-packets>
      <control-rx-packets>
        control-rx-packets
      </control-rx-packets>
      <data-tx-packets>
        data-tx-packets
      </data-tx-packets>
      <data-rx-packets>

```

```
    data-rx-packets
  </data-rx-packets>
  <discard-tx-packets>
    discard-tx-packets
  </discard-tx-packets>
  <discard-rx-packets>
    discard-rx-packets
  </discard-rx-packets>
</l2tp-tunnel-packet-statistics>
</l2tp-tunnel-statistics>
</l2tp-tunnel-statistics-information>
```

Description L2TP tunnel statistics

<l2tp-tunnel-statistics>

Usage

```
<l2tp-tunnel-statistics-information>
  <l2tp-tunnel-statistics>
    <local-tid>
      local-tid
    </local-tid>
    <remote-tid>
      remote-tid
    </remote-tid>
    <local-ip>
      local-ip
    </local-ip>
    <remote-ip>
      remote-ip
    </remote-ip>
    <active-sessions>
      active-sessions
    </active-sessions>
    <l2tp-tunnel-packet-statistics>....</l2tp-tunnel-packet-statistics>
  </l2tp-tunnel-statistics>
</l2tp-tunnel-statistics-information>
```

Description L2TP tunnel-statistics for a single tunnel

<l2tp-tunnel-statistics-information>

Usage

```
<l2tp-tunnel-statistics-information>
  <l2tp-tunnel-statistics>....</l2tp-tunnel-statistics>
</l2tp-tunnel-statistics-information>
```

Description L2TP tunnel-statistics for the GGSN

<logical-apn-statistics>**Usage**

```

<logical-apn-statistics-information>
  <logical-apn-statistics>
    <name>
      name
    </name>
    <pdp-attempted-activation>
      pdp-attempted-activation
    </pdp-attempted-activation>
    <pdp-blocked>
      pdp-blocked
    </pdp-blocked>
    <default-apn-selected>
      default-apn-selected
    </default-apn-selected>
    <default-apn-invalid>
      default-apn-invalid
    </default-apn-invalid>
    <username-based-apn-selected>
      username-based-apn-selected
    </username-based-apn-selected>
    <username-based-apn-invalid>
      username-based-apn-invalid
    </username-based-apn-invalid>
  </logical-apn-statistics>
</logical-apn-statistics-information>

```

Description Statistics for a single logical APN

<logical-apn-statistics-information>**Usage**

```

<logical-apn-statistics-information>
  <logical-apn-statistics>....</logical-apn-statistics>
</logical-apn-statistics-information>

```

Description Logical APN statistics for the GGSN

<mobile-user>**Usage**

```

<mobile-user-information>
  <mobile-user>
    <imsi>
      imsi
    </imsi>
    <msisdn>
      msisdn
    </msisdn>
  <pdp-context-information>....</pdp-context-information>

```

```
</mobile-user>
</mobile-user-information>
```

Description Information about a mobile user

<mobile-user>

Usage

```
<pdp-context-deletion-results>
  <mobile-user>
    <imsi>
      imsi
    </imsi>
    <msisdn>
      msisdn
    </msisdn>
    <pdp-context-information>....</pdp-context-information>
  </mobile-user>
</pdp-context-deletion-results>
```

Description Information about a mobile user

<mobile-user-information>

Usage

```
<mobile-user-information>
  <mobile-user>....</mobile-user>
</mobile-user-information>
```

Description

<node-action-results>

Usage

```
<node-action-results>
  <node-action>
    node-action
  </node-action>
</node-action-results>
```

Description Results of a GGSN node action command

<node-alive-request-statistics>

Usage

```
<node-alive-request-statistics>
  <request-received>
    request-received
  </request-received>
  <request-transmitted>
    request-transmitted
  </request-transmitted>
</node-alive-request-statistics>
```

```

</request-transmitted>
<response-received>
  response-received
</response-received>
<response-transmitted>
  response-transmitted
</response-transmitted>
</node-alive-request-statistics>

```

Description GTP Prime node alive request statistics

<node-alive-request-statistics>

Usage

```

<gtp-prime-statistics-information>
  <gtp-prime-statistics>
    <node-alive-request-statistics>
      <request-received>
        request-received
      </request-received>
      <request-transmitted>
        request-transmitted
      </request-transmitted>
      <response-received>
        response-received
      </response-received>
      <response-transmitted>
        response-transmitted
      </response-transmitted>
    </node-alive-request-statistics>
  </gtp-prime-statistics>
</gtp-prime-statistics-information>

```

Description GTP Prime node alive request statistics

<nsapi-information>

Usage

```

<call-trace>
  <nsapi-information>
    <nsapi>
      nsapi
    </nsapi>
  </nsapi-information>
</call-trace>

```

Description List of NSAPIs associated with user

<nsapi-information>

Usage

```
<call-trace-information>
  <call-trace>
    <nsapi-information>
      <nsapi>
        nsapi
      </nsapi>
    </nsapi-information>
  </call-trace>
</call-trace-information>
```

Description List of NSAPIs associated with user

<outgoing>

Usage

```
<signalling>
  <outgoing>
    <packets>
      packets
    </packets>
    <bytes>
      bytes
    </bytes>
  </outgoing>
</signalling>
```

Description

<outgoing>

Usage

```
<apn-statistics-information>
  <apn-statistics>
    <signalling>
      <outgoing>
        <packets>
          packets
        </packets>
        <bytes>
          bytes
        </bytes>
      </outgoing>
    </signalling>
  </apn-statistics>
</apn-statistics-information>
```

Description

<packet-filter>**Usage**

```

<packet-filter>
  <evaluation-precedence>
    evaluation-precedence
  </evaluation-precedence>
  <source-address>
    source-address
  </source-address>
  <source-mask>
    source-mask
  </source-mask>
  <source-port-range>
    source-port-range
  </source-port-range>
  <destination-port-range>
    destination-port-range
  </destination-port-range>
  <diffserv-code-point>
    diffserv-code-point
  </diffserv-code-point>
  <flow-label>
    flow-label
  </flow-label>
  <spi>
    spi
  </spi>
  <protocol>
    protocol
  </protocol>
</packet-filter>

```

Description**<packet-filter>****Usage**

```

<pdp-context>
  <traffic-flow-template-information>
    <traffic-flow-template>
      <packet-filter-information>
        <packet-filter>
          <evaluation-precedence>
            evaluation-precedence
          </evaluation-precedence>
          <source-address>
            source-address
          </source-address>
          <source-mask>
            source-mask
          </source-mask>
          <source-port-range>
            source-port-range
          </source-port-range>

```

```
<destination-port-range>
  destination-port-range
</destination-port-range>
<diffserv-code-point>
  diffserv-code-point
</diffserv-code-point>
<flow-label>
  flow-label
</flow-label>
<spi>
  spi
</spi>
<protocol>
  protocol
</protocol>
</packet-filter>
</packet-filter-information>
</traffic-flow-template>
</traffic-flow-template-information>
</pdp-context>
```

Description

<packet-filter>

Usage

```
<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>
            <packet-filter-information>
              <packet-filter>
                <evaluation-precedence>
                  evaluation-precedence
                </evaluation-precedence>
                <source-address>
                  source-address
                </source-address>
                <source-mask>
                  source-mask
                </source-mask>
                <source-port-range>
                  source-port-range
                </source-port-range>
                <destination-port-range>
                  destination-port-range
                </destination-port-range>
                <diffserv-code-point>
                  diffserv-code-point
                </diffserv-code-point>
                <flow-label>
                  flow-label
                </flow-label>
```

```

    <spi>
      spi
    </spi>
    <protocol>
      protocol
    </protocol>
  </packet-filter>
</packet-filter-information>
</traffic-flow-template>
</traffic-flow-template-information>
</pdp-context>
</pdp-context-information>
</mobile-user>
</mobile-user-information>

```

Description

<packet-filter>

Usage

```

<pdp-context-deletion-results>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>
            <packet-filter-information>
              <packet-filter>
                <evaluation-precedence>
                  evaluation-precedence
                </evaluation-precedence>
                <source-address>
                  source-address
                </source-address>
                <source-mask>
                  source-mask
                </source-mask>
                <source-port-range>
                  source-port-range
                </source-port-range>
                <destination-port-range>
                  destination-port-range
                </destination-port-range>
                <diffserv-code-point>
                  diffserv-code-point
                </diffserv-code-point>
                <flow-label>
                  flow-label
                </flow-label>
              <spi>
                spi
              </spi>
              <protocol>
                protocol
              </protocol>
            </packet-filter>
          </traffic-flow-template>
        </packet-filter-information>
      </traffic-flow-template>
    </pdp-context>
  </pdp-context-information>
</mobile-user>
</pdp-context-deletion-results>

```

```
</packet-filter>
</packet-filter-information>
</traffic-flow-template>
</traffic-flow-template-information>
</pdp-context>
</pdp-context-information>
</mobile-user>
</pdp-context-deletion-results>
```

Description

<packet-filter-information>

Usage

```
<pdp-context>
<traffic-flow-template-information>
<traffic-flow-template>
<packet-filter-information>
<packet-filter>....</packet-filter>
</packet-filter-information>
</traffic-flow-template>
</traffic-flow-template-information>
</pdp-context>
```

Description Filters for this TFT

<packet-filter-information>

Usage

```
<mobile-user-information>
<mobile-user>
<pdp-context-information>
<pdp-context>
<traffic-flow-template-information>
<traffic-flow-template>
<packet-filter-information>
<packet-filter>....</packet-filter>
</packet-filter-information>
</traffic-flow-template>
</traffic-flow-template-information>
</pdp-context>
</pdp-context-information>
</mobile-user>
</mobile-user-information>
```

Description Filters for this TFT

<packet-filter-information>

Usage

```
<pdp-context-deletion-results>
<mobile-user>
```

```

<pdp-context-information>
  <pdp-context>
    <traffic-flow-template-information>
      <traffic-flow-template>
        <packet-filter-information>
          <packet-filter>....</packet-filter>
        </packet-filter-information>
      </traffic-flow-template>
    </traffic-flow-template-information>
  </pdp-context>
</pdp-context-information>
</mobile-user>
</pdp-context-deletion-results>

```

Description Filters for this TFT

<pdp>

Usage

```

<ggsn-interface>
  <pdp>
    <pdp-state>
      pdp-state
    </pdp-state>
    <pdp-assigned>
      pdp-assigned
    </pdp-assigned>
    <pdp-capacity>
      pdp-capacity
    </pdp-capacity>
  </pdp>
</ggsn-interface>

```

Description PDP context information

<pdp>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>
    <pdp>
      <pdp-state>
        pdp-state
      </pdp-state>
      <pdp-assigned>
        pdp-assigned
      </pdp-assigned>
      <pdp-capacity>
        pdp-capacity
      </pdp-capacity>
    </pdp>
  </ggsn-interface>

```

</ggsn-interface-information>

Description PDP context information

<pdp-context>

Usage

```
<pdp-context>
  <nsapi>
    nsapi
  </nsapi>
  <nsapi-linked>
    nsapi-linked
  </nsapi-linked>
  <apn-name>
    apn-name
  </apn-name>
  <sgsn-address>
    sgsn-address
  </sgsn-address>
  <address>
    address
  </address>
  <charging-identifier>
    charging-identifier
  </charging-identifier>
  <quality-of-service>....</quality-of-service>
  <traffic-flow-template-information>....</traffic-flow-template-information>
</pdp-context>
```

Description Information relating to an MT/MS PDP context

<pdp-context>

Usage

```
<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <nsapi>
          nsapi
        </nsapi>
        <nsapi-linked>
          nsapi-linked
        </nsapi-linked>
        <apn-name>
          apn-name
        </apn-name>
        <sgsn-address>
          sgsn-address
        </sgsn-address>
        <address>
          address
```

```

</address>
<charging-identifier>
  charging-identifier
</charging-identifier>
<quality-of-service>....</quality-of-service>
<traffic-flow-template-information>....</traffic-flow-template-information>

</pdp-context>
</pdp-context-information>
</mobile-user>
</mobile-user-information>

```

Description Information relating to an MT/MS PDP context

<pdp-context>

Usage

```

<pdp-context-deletion-results>
<mobile-user>
<pdp-context-information>
<pdp-context>
  <nsapi>
    nsapi
  </nsapi>
  <nsapi-linked>
    nsapi-linked
  </nsapi-linked>
  <apn-name>
    apn-name
  </apn-name>
  <sgsn-address>
    sgsn-address
  </sgsn-address>
  <address>
    address
  </address>
  <charging-identifier>
    charging-identifier
  </charging-identifier>
  <quality-of-service>....</quality-of-service>
  <traffic-flow-template-information>....</traffic-flow-template-information>

</pdp-context>
</pdp-context-information>
</mobile-user>
</pdp-context-deletion-results>

```

Description Information relating to an MT/MS PDP context

<pdp-context-deletion-results>

Usage

```

<pdp-context-deletion-results>

```

```
<mobile-user>....</mobile-user>
</pdp-context-deletion-results>
```

Description Results for a single PDP context deletion command

<pdp-context-information>

Usage

```
<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>....</pdp-context>
    </pdp-context-information>
  </mobile-user>
</mobile-user-information>
```

Description List of PDP contexts associated with the user

<pdp-context-information>

Usage

```
<pdp-context-deletion-results>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>....</pdp-context>
    </pdp-context-information>
  </mobile-user>
</pdp-context-deletion-results>
```

Description List of PDP contexts associated with the user

<pdp-context-statistics>

Usage

```
<pdp-context-statistics>
  <pdp-active>
    pdp-active
  </pdp-active>
  <pdp-active-conversational>
    pdp-active-conversational
  </pdp-active-conversational>
  <pdp-active-streaming>
    pdp-active-streaming
  </pdp-active-streaming>
  <pdp-active-interactive>
    pdp-active-interactive
  </pdp-active-interactive>
  <pdp-active-background>
    pdp-active-background
  </pdp-active-background>
  <pdp-active-ipv6>
```



```
pdp-active-ipv6
</pdp-active-ipv6>
<pdp-active-imsi>
  pdp-active-imsi
</pdp-active-imsi>
<pdp-active-msisdn>
  pdp-active-msisdn
</pdp-active-msisdn>
<pdp-blocked>
  pdp-blocked
</pdp-blocked>
<pdp-apn-by-logical-apn-selection>
  pdp-apn-by-logical-apn-selection
</pdp-apn-by-logical-apn-selection>
<pdp-apn-by-logical-apn-default>
  pdp-apn-by-logical-apn-default
</pdp-apn-by-logical-apn-default>
<pdp-assigned-msisdn>
  pdp-assigned-msisdn
</pdp-assigned-msisdn>
<pdp-assigned-shared-msisdn>
  pdp-assigned-shared-msisdn
</pdp-assigned-shared-msisdn>
<pdp-attempted-activation>
  pdp-attempted-activation
</pdp-attempted-activation>
<pdp-attempted-activation-ipv6>
  pdp-attempted-activation-ipv6
</pdp-attempted-activation-ipv6>
<pdp-completed-activation>
  pdp-completed-activation
</pdp-completed-activation>
<pdp-completed-activation-ipv6>
  pdp-completed-activation-ipv6
</pdp-completed-activation-ipv6>
<pdp-attempted-activation-dhcp>
  pdp-attempted-activation-dhcp
</pdp-attempted-activation-dhcp>
<pdp-completed-activation-dhcp>
  pdp-completed-activation-dhcp
</pdp-completed-activation-dhcp>
<pdp-attempted-activation-radius>
  pdp-attempted-activation-radius
</pdp-attempted-activation-radius>
<pdp-completed-activation-radius>
  pdp-completed-activation-radius
</pdp-completed-activation-radius>
<pdp-attempted-activation-local-pool>
  pdp-attempted-activation-local-pool
</pdp-attempted-activation-local-pool>
<pdp-completed-activation-local-pool>
  pdp-completed-activation-local-pool
</pdp-completed-activation-local-pool>
<pdp-attempted-activation-dynamic>
  pdp-attempted-activation-dynamic
</pdp-attempted-activation-dynamic>
```

```
<pdp-completed-activation-dynamic>
  pdp-completed-activation-dynamic
</pdp-completed-activation-dynamic>
<pdp-attempted-mobile-activation>
  pdp-attempted-mobile-activation
</pdp-attempted-mobile-activation>
<pdp-completed-mobile-activation>
  pdp-completed-mobile-activation
</pdp-completed-mobile-activation>
<pdp-attempted-deactivation>
  pdp-attempted-deactivation
</pdp-attempted-deactivation>
<pdp-completed-deactivation>
  pdp-completed-deactivation
</pdp-completed-deactivation>
<pdp-attempted-node-deactivation>
  pdp-attempted-node-deactivation
</pdp-attempted-node-deactivation>
<pdp-completed-node-deactivation>
  pdp-completed-node-deactivation
</pdp-completed-node-deactivation>
<pdp-completed-idle-deactivation>
  pdp-completed-idle-deactivation
</pdp-completed-idle-deactivation>
<pdp-completed-session-deactivation>
  pdp-completed-session-deactivation
</pdp-completed-session-deactivation>
<pdp-attempted-mobile-deactivation>
  pdp-attempted-mobile-deactivation
</pdp-attempted-mobile-deactivation>
<pdp-completed-mobile-deactivation>
  pdp-completed-mobile-deactivation
</pdp-completed-mobile-deactivation>
<pdp-attempted-authentication-activation>
  pdp-attempted-authentication-activation
</pdp-attempted-authentication-activation>
<pdp-completed-authentication-activation>
  pdp-completed-authentication-activation
</pdp-completed-authentication-activation>
<pdp-attempted-mobile-sgsn-update>
  pdp-attempted-mobile-sgsn-update
</pdp-attempted-mobile-sgsn-update>
<pdp-completed-mobile-sgsn-update>
  pdp-completed-mobile-sgsn-update
</pdp-completed-mobile-sgsn-update>
<pdp-created>
  pdp-created
</pdp-created>
<pdp-created-ipv6>
  pdp-created-ipv6
</pdp-created-ipv6>
<pdp-create-failed>
  pdp-create-failed
</pdp-create-failed>
<pdp-create-failed-ipv6>
  pdp-create-failed-ipv6
```

```
</pdp-create-failed-ipv6>
<pdp-secondary-created>
  pdp-secondary-created
</pdp-secondary-created>
<pdp-secondary-created-ipv6>
  pdp-secondary-created-ipv6
</pdp-secondary-created-ipv6>
<pdp-secondary-create-failed>
  pdp-secondary-create-failed
</pdp-secondary-create-failed>
<pdp-secondary-attempted-ipv6>
  pdp-secondary-attempted-ipv6
</pdp-secondary-attempted-ipv6>
<pdp-secondary-completed-ipv6>
  pdp-secondary-completed-ipv6
</pdp-secondary-completed-ipv6>
<pdp-last-create>
  pdp-last-create
</pdp-last-create>
<pdp-secondary-create-failed-ipv6>
  pdp-secondary-create-failed-ipv6
</pdp-secondary-create-failed-ipv6>
<pdp-updates>
  pdp-updates
</pdp-updates>
<pdp-update-failed>
  pdp-update-failed
</pdp-update-failed>
<pdp-deleted>
  pdp-deleted
</pdp-deleted>
<pdp-deleted-by-idle-supervision>
  pdp-deleted-by-idle-supervision
</pdp-deleted-by-idle-supervision>
<pdp-deleted-by-session-supervision>
  pdp-deleted-by-session-supervision
</pdp-deleted-by-session-supervision>
<pdp-deleted-by-command>
  pdp-deleted-by-command
</pdp-deleted-by-command>
<pdp-deleted-by-failure>
  pdp-deleted-by-failure
</pdp-deleted-by-failure>
<pdp-delete-failed>
  pdp-delete-failed
</pdp-delete-failed>
<pdp-last-delete>
  pdp-last-delete
</pdp-last-delete>
<pdp-successful-deactivations>
  pdp-successful-deactivations
</pdp-successful-deactivations>
<pdp-failed-deactivations>
  pdp-failed-deactivations
</pdp-failed-deactivations>
<pdp-maximum>
```

```

    pdp-maximum
  </pdp-maximum>
  <pdp-minimum>
    pdp-minimum
  </pdp-minimum>
  <pdp-mean>
    pdp-mean
  </pdp-mean>
  <pdp-active-l2tp-tunnels>
    pdp-active-l2tp-tunnels
  </pdp-active-l2tp-tunnels>
  <pdp-active-l2tp-sessions>
    pdp-active-l2tp-sessions
  </pdp-active-l2tp-sessions>
  <pdp-maximum-active-l2tp-tunnels>
    pdp-maximum-active-l2tp-tunnels
  </pdp-maximum-active-l2tp-tunnels>
  <pdp-maximum-active-l2tp-sessions>
    pdp-maximum-active-l2tp-sessions
  </pdp-maximum-active-l2tp-sessions>
  <ims-dedicated-completed-activation>
    ims-dedicated-completed-activation
  </ims-dedicated-completed-activation>
  <ims-dedicated-failed-activation>
    ims-dedicated-failed-activation
  </ims-dedicated-failed-activation>
  <ims-general-completed-activation>
    ims-general-completed-activation
  </ims-general-completed-activation>
  <ims-general-failed-activation>
    ims-general-failed-activation
  </ims-general-failed-activation>
  <ims-general-active-failed-activation>
    ims-general-active-failed-activation
  </ims-general-active-failed-activation>
  <ims-signalling-packets-drops>
    ims-signalling-packets-drops
  </ims-signalling-packets-drops>
</pdp-context-statistics>

```

Description Information about PDP context events

<pdp-context-statistics>

Usage

```

<interface-pdp-context-statistics>
  <pdp-context-statistics>
    <pdp-active>
      pdp-active
    </pdp-active>
    <pdp-active-conversational>
      pdp-active-conversational
    </pdp-active-conversational>
    <pdp-active-streaming>

```

```
pdp-active-streaming
</pdp-active-streaming>
<pdp-active-interactive>
  pdp-active-interactive
</pdp-active-interactive>
<pdp-active-background>
  pdp-active-background
</pdp-active-background>
<pdp-active-ipv6>
  pdp-active-ipv6
</pdp-active-ipv6>
<pdp-active-imsi>
  pdp-active-imsi
</pdp-active-imsi>
<pdp-active-msisdn>
  pdp-active-msisdn
</pdp-active-msisdn>
<pdp-blocked>
  pdp-blocked
</pdp-blocked>
<pdp-apn-by-logical-apn-selection>
  pdp-apn-by-logical-apn-selection
</pdp-apn-by-logical-apn-selection>
<pdp-apn-by-logical-apn-default>
  pdp-apn-by-logical-apn-default
</pdp-apn-by-logical-apn-default>
<pdp-assigned-msisdn>
  pdp-assigned-msisdn
</pdp-assigned-msisdn>
<pdp-assigned-shared-msisdn>
  pdp-assigned-shared-msisdn
</pdp-assigned-shared-msisdn>
<pdp-attempted-activation>
  pdp-attempted-activation
</pdp-attempted-activation>
<pdp-attempted-activation-ipv6>
  pdp-attempted-activation-ipv6
</pdp-attempted-activation-ipv6>
<pdp-completed-activation>
  pdp-completed-activation
</pdp-completed-activation>
<pdp-completed-activation-ipv6>
  pdp-completed-activation-ipv6
</pdp-completed-activation-ipv6>
<pdp-attempted-activation-dhcp>
  pdp-attempted-activation-dhcp
</pdp-attempted-activation-dhcp>
<pdp-completed-activation-dhcp>
  pdp-completed-activation-dhcp
</pdp-completed-activation-dhcp>
<pdp-attempted-activation-radius>
  pdp-attempted-activation-radius
</pdp-attempted-activation-radius>
<pdp-completed-activation-radius>
  pdp-completed-activation-radius
</pdp-completed-activation-radius>
```

```
<pdp-attempted-activation-local-pool>
  pdp-attempted-activation-local-pool
</pdp-attempted-activation-local-pool>
<pdp-completed-activation-local-pool>
  pdp-completed-activation-local-pool
</pdp-completed-activation-local-pool>
<pdp-attempted-activation-dynamic>
  pdp-attempted-activation-dynamic
</pdp-attempted-activation-dynamic>
<pdp-completed-activation-dynamic>
  pdp-completed-activation-dynamic
</pdp-completed-activation-dynamic>
<pdp-attempted-mobile-activation>
  pdp-attempted-mobile-activation
</pdp-attempted-mobile-activation>
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  pdp-completed-mobile-activation
</pdp-completed-mobile-activation>
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  pdp-attempted-deactivation
</pdp-attempted-deactivation>
<pdp-completed-deactivation>
  pdp-completed-deactivation
</pdp-completed-deactivation>
<pdp-attempted-node-deactivation>
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</pdp-attempted-node-deactivation>
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  pdp-completed-session-deactivation
</pdp-completed-session-deactivation>
<pdp-attempted-mobile-deactivation>
  pdp-attempted-mobile-deactivation
</pdp-attempted-mobile-deactivation>
<pdp-completed-mobile-deactivation>
  pdp-completed-mobile-deactivation
</pdp-completed-mobile-deactivation>
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  pdp-attempted-authentication-activation
</pdp-attempted-authentication-activation>
<pdp-completed-authentication-activation>
  pdp-completed-authentication-activation
</pdp-completed-authentication-activation>
<pdp-attempted-mobile-sgsn-update>
  pdp-attempted-mobile-sgsn-update
</pdp-attempted-mobile-sgsn-update>
<pdp-completed-mobile-sgsn-update>
  pdp-completed-mobile-sgsn-update
</pdp-completed-mobile-sgsn-update>
<pdp-created>
  pdp-created
```

```
</pdp-created>
<pdp-created-ipv6>
  pdp-created-ipv6
</pdp-created-ipv6>
<pdp-create-failed>
  pdp-create-failed
</pdp-create-failed>
<pdp-create-failed-ipv6>
  pdp-create-failed-ipv6
</pdp-create-failed-ipv6>
<pdp-secondary-created>
  pdp-secondary-created
</pdp-secondary-created>
<pdp-secondary-created-ipv6>
  pdp-secondary-created-ipv6
</pdp-secondary-created-ipv6>
<pdp-secondary-create-failed>
  pdp-secondary-create-failed
</pdp-secondary-create-failed>
<pdp-secondary-attempted-ipv6>
  pdp-secondary-attempted-ipv6
</pdp-secondary-attempted-ipv6>
<pdp-secondary-completed-ipv6>
  pdp-secondary-completed-ipv6
</pdp-secondary-completed-ipv6>
<pdp-last-create>
  pdp-last-create
</pdp-last-create>
<pdp-secondary-create-failed-ipv6>
  pdp-secondary-create-failed-ipv6
</pdp-secondary-create-failed-ipv6>
<pdp-updates>
  pdp-updates
</pdp-updates>
<pdp-update-failed>
  pdp-update-failed
</pdp-update-failed>
<pdp-deleted>
  pdp-deleted
</pdp-deleted>
<pdp-deleted-by-idle-supervision>
  pdp-deleted-by-idle-supervision
</pdp-deleted-by-idle-supervision>
<pdp-deleted-by-session-supervision>
  pdp-deleted-by-session-supervision
</pdp-deleted-by-session-supervision>
<pdp-deleted-by-command>
  pdp-deleted-by-command
</pdp-deleted-by-command>
<pdp-deleted-by-failure>
  pdp-deleted-by-failure
</pdp-deleted-by-failure>
<pdp-delete-failed>
  pdp-delete-failed
</pdp-delete-failed>
<pdp-last-delete>
```

```
    pdp-last-delete
  </pdp-last-delete>
  <pdp-successful-deactivations>
    pdp-successful-deactivations
  </pdp-successful-deactivations>
  <pdp-failed-deactivations>
    pdp-failed-deactivations
  </pdp-failed-deactivations>
  <pdp-maximum>
    pdp-maximum
  </pdp-maximum>
  <pdp-minimum>
    pdp-minimum
  </pdp-minimum>
  <pdp-mean>
    pdp-mean
  </pdp-mean>
  <pdp-active-l2tp-tunnels>
    pdp-active-l2tp-tunnels
  </pdp-active-l2tp-tunnels>
  <pdp-active-l2tp-sessions>
    pdp-active-l2tp-sessions
  </pdp-active-l2tp-sessions>
  <pdp-maximum-active-l2tp-tunnels>
    pdp-maximum-active-l2tp-tunnels
  </pdp-maximum-active-l2tp-tunnels>
  <pdp-maximum-active-l2tp-sessions>
    pdp-maximum-active-l2tp-sessions
  </pdp-maximum-active-l2tp-sessions>
  <ims-dedicated-completed-activation>
    ims-dedicated-completed-activation
  </ims-dedicated-completed-activation>
  <ims-dedicated-failed-activation>
    ims-dedicated-failed-activation
  </ims-dedicated-failed-activation>
  <ims-general-completed-activation>
    ims-general-completed-activation
  </ims-general-completed-activation>
  <ims-general-failed-activation>
    ims-general-failed-activation
  </ims-general-failed-activation>
  <ims-general-active-failed-activation>
    ims-general-active-failed-activation
  </ims-general-active-failed-activation>
  <ims-signalling-packets-drops>
    ims-signalling-packets-drops
  </ims-signalling-packets-drops>
</pdp-context-statistics>
</interface-pdp-context-statistics>
```

Description Information about PDP context events

<pdp-context-statistics>

Usage

```

<ggsn-statistics>
  <pdp-context-statistics>
    <pdp-active>
      pdp-active
    </pdp-active>
    <pdp-active-conversational>
      pdp-active-conversational
    </pdp-active-conversational>
    <pdp-active-streaming>
      pdp-active-streaming
    </pdp-active-streaming>
    <pdp-active-interactive>
      pdp-active-interactive
    </pdp-active-interactive>
    <pdp-active-background>
      pdp-active-background
    </pdp-active-background>
    <pdp-active-ipv6>
      pdp-active-ipv6
    </pdp-active-ipv6>
    <pdp-active-imsi>
      pdp-active-imsi
    </pdp-active-imsi>
    <pdp-active-msisdn>
      pdp-active-msisdn
    </pdp-active-msisdn>
    <pdp-blocked>
      pdp-blocked
    </pdp-blocked>
    <pdp-apn-by-logical-apn-selection>
      pdp-apn-by-logical-apn-selection
    </pdp-apn-by-logical-apn-selection>
    <pdp-apn-by-logical-apn-default>
      pdp-apn-by-logical-apn-default
    </pdp-apn-by-logical-apn-default>
    <pdp-assigned-msisdn>
      pdp-assigned-msisdn
    </pdp-assigned-msisdn>
    <pdp-assigned-shared-msisdn>
      pdp-assigned-shared-msisdn
    </pdp-assigned-shared-msisdn>
    <pdp-attempted-activation>
      pdp-attempted-activation
    </pdp-attempted-activation>
    <pdp-attempted-activation-ipv6>
      pdp-attempted-activation-ipv6
    </pdp-attempted-activation-ipv6>
    <pdp-completed-activation>
      pdp-completed-activation
    </pdp-completed-activation>
    <pdp-completed-activation-ipv6>
      pdp-completed-activation-ipv6
  </pdp-context-statistics>
</ggsn-statistics>

```

```
</pdp-completed-activation-ipv6>
<pdp-attempted-activation-dhcp>
  pdp-attempted-activation-dhcp
</pdp-attempted-activation-dhcp>
<pdp-completed-activation-dhcp>
  pdp-completed-activation-dhcp
</pdp-completed-activation-dhcp>
<pdp-attempted-activation-radius>
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Description Information about PDP context events

<pdp-context-statistics>

Usage

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Description Information about PDP context events

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Usage

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Description Information about PDP context events

<pdp-context-statistics>

Usage

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  pdp-blocked
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  pdp-apn-by-logical-apn-selection
</pdp-apn-by-logical-apn-selection>
<pdp-apn-by-logical-apn-default>
  pdp-apn-by-logical-apn-default
</pdp-apn-by-logical-apn-default>
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  pdp-assigned-msisdn
</pdp-assigned-msisdn>
<pdp-assigned-shared-msisdn>
  pdp-assigned-shared-msisdn
</pdp-assigned-shared-msisdn>
<pdp-attempted-activation>
  pdp-attempted-activation
</pdp-attempted-activation>
<pdp-attempted-activation-ipv6>
  pdp-attempted-activation-ipv6
</pdp-attempted-activation-ipv6>
<pdp-completed-activation>
  pdp-completed-activation
</pdp-completed-activation>
<pdp-completed-activation-ipv6>
  pdp-completed-activation-ipv6
</pdp-completed-activation-ipv6>
<pdp-attempted-activation-dhcp>
  pdp-attempted-activation-dhcp
</pdp-attempted-activation-dhcp>
<pdp-completed-activation-dhcp>
  pdp-completed-activation-dhcp
</pdp-completed-activation-dhcp>
<pdp-attempted-activation-radius>
  pdp-attempted-activation-radius
</pdp-attempted-activation-radius>
<pdp-completed-activation-radius>
  pdp-completed-activation-radius
</pdp-completed-activation-radius>
<pdp-attempted-activation-local-pool>
  pdp-attempted-activation-local-pool
</pdp-attempted-activation-local-pool>
<pdp-completed-activation-local-pool>
  pdp-completed-activation-local-pool
</pdp-completed-activation-local-pool>
```

```
<pdp-attempted-activation-dynamic>
  pdp-attempted-activation-dynamic
</pdp-attempted-activation-dynamic>
<pdp-completed-activation-dynamic>
  pdp-completed-activation-dynamic
</pdp-completed-activation-dynamic>
<pdp-attempted-mobile-activation>
  pdp-attempted-mobile-activation
</pdp-attempted-mobile-activation>
<pdp-completed-mobile-activation>
  pdp-completed-mobile-activation
</pdp-completed-mobile-activation>
<pdp-attempted-deactivation>
  pdp-attempted-deactivation
</pdp-attempted-deactivation>
<pdp-completed-deactivation>
  pdp-completed-deactivation
</pdp-completed-deactivation>
<pdp-attempted-node-deactivation>
  pdp-attempted-node-deactivation
</pdp-attempted-node-deactivation>
<pdp-completed-node-deactivation>
  pdp-completed-node-deactivation
</pdp-completed-node-deactivation>
<pdp-completed-idle-deactivation>
  pdp-completed-idle-deactivation
</pdp-completed-idle-deactivation>
<pdp-completed-session-deactivation>
  pdp-completed-session-deactivation
</pdp-completed-session-deactivation>
<pdp-attempted-mobile-deactivation>
  pdp-attempted-mobile-deactivation
</pdp-attempted-mobile-deactivation>
<pdp-completed-mobile-deactivation>
  pdp-completed-mobile-deactivation
</pdp-completed-mobile-deactivation>
<pdp-attempted-authentication-activation>
  pdp-attempted-authentication-activation
</pdp-attempted-authentication-activation>
<pdp-completed-authentication-activation>
  pdp-completed-authentication-activation
</pdp-completed-authentication-activation>
<pdp-attempted-mobile-sgsn-update>
  pdp-attempted-mobile-sgsn-update
</pdp-attempted-mobile-sgsn-update>
<pdp-completed-mobile-sgsn-update>
  pdp-completed-mobile-sgsn-update
</pdp-completed-mobile-sgsn-update>
<pdp-created>
  pdp-created
</pdp-created>
<pdp-created-ipv6>
  pdp-created-ipv6
</pdp-created-ipv6>
<pdp-create-failed>
  pdp-create-failed
```

```
</pdp-create-failed>
<pdp-create-failed-ipv6>
  pdp-create-failed-ipv6
</pdp-create-failed-ipv6>
<pdp-secondary-created>
  pdp-secondary-created
</pdp-secondary-created>
<pdp-secondary-created-ipv6>
  pdp-secondary-created-ipv6
</pdp-secondary-created-ipv6>
<pdp-secondary-create-failed>
  pdp-secondary-create-failed
</pdp-secondary-create-failed>
<pdp-secondary-attempted-ipv6>
  pdp-secondary-attempted-ipv6
</pdp-secondary-attempted-ipv6>
<pdp-secondary-completed-ipv6>
  pdp-secondary-completed-ipv6
</pdp-secondary-completed-ipv6>
<pdp-last-create>
  pdp-last-create
</pdp-last-create>
<pdp-secondary-create-failed-ipv6>
  pdp-secondary-create-failed-ipv6
</pdp-secondary-create-failed-ipv6>
<pdp-updates>
  pdp-updates
</pdp-updates>
<pdp-update-failed>
  pdp-update-failed
</pdp-update-failed>
<pdp-deleted>
  pdp-deleted
</pdp-deleted>
<pdp-deleted-by-idle-supervision>
  pdp-deleted-by-idle-supervision
</pdp-deleted-by-idle-supervision>
<pdp-deleted-by-session-supervision>
  pdp-deleted-by-session-supervision
</pdp-deleted-by-session-supervision>
<pdp-deleted-by-command>
  pdp-deleted-by-command
</pdp-deleted-by-command>
<pdp-deleted-by-failure>
  pdp-deleted-by-failure
</pdp-deleted-by-failure>
<pdp-delete-failed>
  pdp-delete-failed
</pdp-delete-failed>
<pdp-last-delete>
  pdp-last-delete
</pdp-last-delete>
<pdp-successful-deactivations>
  pdp-successful-deactivations
</pdp-successful-deactivations>
<pdp-failed-deactivations>
```



```

    pdp-failed-deactivations
  </pdp-failed-deactivations>
  <pdp-maximum>
    pdp-maximum
  </pdp-maximum>
  <pdp-minimum>
    pdp-minimum
  </pdp-minimum>
  <pdp-mean>
    pdp-mean
  </pdp-mean>
  <pdp-active-l2tp-tunnels>
    pdp-active-l2tp-tunnels
  </pdp-active-l2tp-tunnels>
  <pdp-active-l2tp-sessions>
    pdp-active-l2tp-sessions
  </pdp-active-l2tp-sessions>
  <pdp-maximum-active-l2tp-tunnels>
    pdp-maximum-active-l2tp-tunnels
  </pdp-maximum-active-l2tp-tunnels>
  <pdp-maximum-active-l2tp-sessions>
    pdp-maximum-active-l2tp-sessions
  </pdp-maximum-active-l2tp-sessions>
  <ims-dedicated-completed-activation>
    ims-dedicated-completed-activation
  </ims-dedicated-completed-activation>
  <ims-dedicated-failed-activation>
    ims-dedicated-failed-activation
  </ims-dedicated-failed-activation>
  <ims-general-completed-activation>
    ims-general-completed-activation
  </ims-general-completed-activation>
  <ims-general-failed-activation>
    ims-general-failed-activation
  </ims-general-failed-activation>
  <ims-general-active-failed-activation>
    ims-general-active-failed-activation
  </ims-general-active-failed-activation>
  <ims-signalling-packets-drops>
    ims-signalling-packets-drops
  </ims-signalling-packets-drops>
</pdp-context-statistics>
</sgsn-statistics>
</sgsn-statistics-information>

```

Description Information about PDP context events

<pdp-diagnostics-per-apn>

Usage

```

<pdp-diagnostics-per-apn>
  <pdp-id>
    pdp-id
  </pdp-id>

```

</pdp-diagnostics-per-apn>

Description

<pdp-request-statistics>

Usage

```
<pdp-request-statistics>
  <create-request-received>
    create-request-received
  </create-request-received>
  <create-response-transmitted>
    create-response-transmitted
  </create-response-transmitted>
  <update-request-received>
    update-request-received
  </update-request-received>
  <update-request-transmitted>
    update-request-transmitted
  </update-request-transmitted>
  <update-response-received>
    update-response-received
  </update-response-received>
  <update-response-transmitted>
    update-response-transmitted
  </update-response-transmitted>
  <delete-request-received>
    delete-request-received
  </delete-request-received>
  <delete-request-transmitted>
    delete-request-transmitted
  </delete-request-transmitted>
  <delete-response-received>
    delete-response-received
  </delete-response-received>
  <delete-response-transmitted>
    delete-response-transmitted
  </delete-response-transmitted>
</pdp-request-statistics>
```

Description PDP context request statistics

<pdp-request-statistics>

Usage

```
<gtp-statistics-information>
  <gtp-statistics>
    <pdp-request-statistics>
      <create-request-received>
        create-request-received
      </create-request-received>
      <create-response-transmitted>
        create-response-transmitted
      </create-response-transmitted>
```

```

<update-request-received>
  update-request-received
</update-request-received>
<update-request-transmitted>
  update-request-transmitted
</update-request-transmitted>
<update-response-received>
  update-response-received
</update-response-received>
<update-response-transmitted>
  update-response-transmitted
</update-response-transmitted>
<delete-request-received>
  delete-request-received
</delete-request-received>
<delete-request-transmitted>
  delete-request-transmitted
</delete-request-transmitted>
<delete-response-received>
  delete-response-received
</delete-response-received>
<delete-response-transmitted>
  delete-response-transmitted
</delete-response-transmitted>
</pdp-request-statistics>
</gtp-statistics>
</gtp-statistics-information>

```

Description PDP context request statistics

<pras-information>

Usage

```

<pras-information>
  <pras-statistics>....</pras-statistics>
</pras-information>

```

Description Information about policy rating application systems

<pras-information>

Usage

```

<sbcc-statistics-information>
  <pras-information>
    <pras-statistics>....</pras-statistics>
  </pras-information>
</sbcc-statistics-information>

```

Description Information about policy rating application systems

<pras-information>**Usage**

```
<ggsn-interface>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>....</pras-statistics>
    </pras-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description Information about policy rating application systems

<pras-information>**Usage**

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <pras-information>
        <pras-statistics>....</pras-statistics>
      </pras-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Information about policy rating application systems

<pras-information>**Usage**

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>....</pras-statistics>
    </pras-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Information about policy rating application systems

<pras-information>**Usage**

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>....</pras-statistics>
    </pras-information>
  </sbcc-statistics-information>
```

```
</apn-statistics-information>
```

Description Information about policy rating application systems

<pras-statistics>

Usage

```
<pras-information>
  <pras-statistics>
    <pras-identifier>
      pras-identifier
    </pras-identifier>
    <pras-start-request>
      pras-start-request
    </pras-start-request>
    <pras-start-request-failed>
      pras-start-request-failed
    </pras-start-request-failed>
    <pras-update-request>
      pras-update-request
    </pras-update-request>
    <pras-update-request-failed>
      pras-update-request-failed
    </pras-update-request-failed>
    <pras-stop-request>
      pras-stop-request
    </pras-stop-request>
    <pras-stop-request-failed>
      pras-stop-request-failed
    </pras-stop-request-failed>
    <pras-user-service-denied>
      pras-user-service-denied
    </pras-user-service-denied>
    <pras-user-unknown>
      pras-user-unknown
    </pras-user-unknown>
  </pras-statistics>
</pras-information>
```

Description Statistics for a policy rating application system

<pras-statistics>

Usage

```
<sbcc-statistics-information>
  <pras-information>
    <pras-statistics>
      <pras-identifier>
        pras-identifier
      </pras-identifier>
      <pras-start-request>
        pras-start-request
      </pras-start-request>
```

```
<pras-start-request-failed>
  pras-start-request-failed
</pras-start-request-failed>
<pras-update-request>
  pras-update-request
</pras-update-request>
<pras-update-request-failed>
  pras-update-request-failed
</pras-update-request-failed>
<pras-stop-request>
  pras-stop-request
</pras-stop-request>
<pras-stop-request-failed>
  pras-stop-request-failed
</pras-stop-request-failed>
<pras-user-service-denied>
  pras-user-service-denied
</pras-user-service-denied>
<pras-user-unknown>
  pras-user-unknown
</pras-user-unknown>
</pras-statistics>
</pras-information>
</sbcc-statistics-information>
```

Description Statistics for a policy rating application system

<pras-statistics>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>
        <pras-identifier>
          pras-identifier
        </pras-identifier>
        <pras-start-request>
          pras-start-request
        </pras-start-request>
        <pras-start-request-failed>
          pras-start-request-failed
        </pras-start-request-failed>
        <pras-update-request>
          pras-update-request
        </pras-update-request>
        <pras-update-request-failed>
          pras-update-request-failed
        </pras-update-request-failed>
        <pras-stop-request>
          pras-stop-request
        </pras-stop-request>
        <pras-stop-request-failed>
          pras-stop-request-failed
```

```

</pras-stop-request-failed>
<pras-user-service-denied>
  pras-user-service-denied
</pras-user-service-denied>
<pras-user-unknown>
  pras-user-unknown
</pras-user-unknown>
</pras-statistics>
</pras-information>
</sbcc-statistics-information>
</ggsn-interface>

```

Description Statistics for a policy rating application system

<pras-statistics>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <pras-information>
        <pras-statistics>
          <pras-identifier>
            pras-identifier
          </pras-identifier>
          <pras-start-request>
            pras-start-request
          </pras-start-request>
          <pras-start-request-failed>
            pras-start-request-failed
          </pras-start-request-failed>
          <pras-update-request>
            pras-update-request
          </pras-update-request>
          <pras-update-request-failed>
            pras-update-request-failed
          </pras-update-request-failed>
          <pras-stop-request>
            pras-stop-request
          </pras-stop-request>
          <pras-stop-request-failed>
            pras-stop-request-failed
          </pras-stop-request-failed>
          <pras-user-service-denied>
            pras-user-service-denied
          </pras-user-service-denied>
          <pras-user-unknown>
            pras-user-unknown
          </pras-user-unknown>
        </pras-statistics>
      </pras-information>
    </sbcc-statistics-information>
  </ggsn-interface>

```

</ggsn-interface-information>

Description Statistics for a policy rating application system

<pras-statistics>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>
        <pras-identifier>
          pras-identifier
        </pras-identifier>
        <pras-start-request>
          pras-start-request
        </pras-start-request>
        <pras-start-request-failed>
          pras-start-request-failed
        </pras-start-request-failed>
        <pras-update-request>
          pras-update-request
        </pras-update-request>
        <pras-update-request-failed>
          pras-update-request-failed
        </pras-update-request-failed>
        <pras-stop-request>
          pras-stop-request
        </pras-stop-request>
        <pras-stop-request-failed>
          pras-stop-request-failed
        </pras-stop-request-failed>
        <pras-user-service-denied>
          pras-user-service-denied
        </pras-user-service-denied>
        <pras-user-unknown>
          pras-user-unknown
        </pras-user-unknown>
      </pras-statistics>
    </pras-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description Statistics for a policy rating application system

<pras-statistics>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <pras-information>
      <pras-statistics>
        <pras-identifier>
```



```

    pras-identifier
  </pras-identifier>
  <pras-start-request>
    pras-start-request
  </pras-start-request>
  <pras-start-request-failed>
    pras-start-request-failed
  </pras-start-request-failed>
  <pras-update-request>
    pras-update-request
  </pras-update-request>
  <pras-update-request-failed>
    pras-update-request-failed
  </pras-update-request-failed>
  <pras-stop-request>
    pras-stop-request
  </pras-stop-request>
  <pras-stop-request-failed>
    pras-stop-request-failed
  </pras-stop-request-failed>
  <pras-user-service-denied>
    pras-user-service-denied
  </pras-user-service-denied>
  <pras-user-unknown>
    pras-user-unknown
  </pras-user-unknown>
</pras-statistics>
</pras-information>
</sbcc-statistics-information>
</apn-statistics-information>

```

Description Statistics for a policy rating application system

<quality-of-service>

Usage

```

<pdp-context>
  <quality-of-service>
    <gi-diffserv-code-point>
      gi-diffserv-code-point
    </gi-diffserv-code-point>
    <gn-diffserv-code-point>
      gn-diffserv-code-point
    </gn-diffserv-code-point>
    <downlink-bitrate>
      downlink-bitrate
    </downlink-bitrate>
  </quality-of-service>
</pdp-context>

```

Description PDP context quality-of-service information

<quality-of-service>

Usage

```
<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <quality-of-service>
          <gi-diffserv-code-point>
            gi-diffserv-code-point
          </gi-diffserv-code-point>
          <gn-diffserv-code-point>
            gn-diffserv-code-point
          </gn-diffserv-code-point>
          <downlink-bitrate>
            downlink-bitrate
          </downlink-bitrate>
        </quality-of-service>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</mobile-user-information>
```

Description PDP context quality-of-service information

<quality-of-service>

Usage

```
<pdp-context-deletion-results>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <quality-of-service>
          <gi-diffserv-code-point>
            gi-diffserv-code-point
          </gi-diffserv-code-point>
          <gn-diffserv-code-point>
            gn-diffserv-code-point
          </gn-diffserv-code-point>
          <downlink-bitrate>
            downlink-bitrate
          </downlink-bitrate>
        </quality-of-service>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</pdp-context-deletion-results>
```

Description PDP context quality-of-service information

<radius-statistics-information>**Usage**

```
<radius-statistics-information>
  <radius-authentication-failure>
    radius-authentication-failure
  </radius-authentication-failure>
  <accounting-failure>
    accounting-failure
  </accounting-failure>
</radius-statistics-information>
```

Description Radius statistics

<radius-statistics-information>**Usage**

```
<ggsn-statistics>
  <radius-statistics-information>
    <radius-authentication-failure>
      radius-authentication-failure
    </radius-authentication-failure>
    <accounting-failure>
      accounting-failure
    </accounting-failure>
  </radius-statistics-information>
</ggsn-statistics>
```

Description Radius statistics

<radius-statistics-information>**Usage**

```
<apn-statistics-information>
  <apn-statistics>
    <radius-statistics-information>
      <radius-authentication-failure>
        radius-authentication-failure
      </radius-authentication-failure>
      <accounting-failure>
        accounting-failure
      </accounting-failure>
    </radius-statistics-information>
  </apn-statistics>
</apn-statistics-information>
```

Description Radius statistics

<rate-group-information>**Usage**

```
<rate-group-information>
  <rate-group-statistics>....</rate-group-statistics>
</rate-group-information>
```

Description Information about a rate group

<rate-group-information>**Usage**

```
<sbcc-statistics-information>
  <rate-group-information>
    <rate-group-statistics>....</rate-group-statistics>
  </rate-group-information>
</sbcc-statistics-information>
```

Description Information about a rate group

<rate-group-information>**Usage**

```
<ggsn-interface>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>....</rate-group-statistics>
    </rate-group-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description Information about a rate group

<rate-group-information>**Usage**

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <rate-group-information>
        <rate-group-statistics>....</rate-group-statistics>
      </rate-group-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Information about a rate group

<rate-group-information>**Usage**

```

<ggsn-statistics>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>....</rate-group-statistics>
    </rate-group-information>
  </sbcc-statistics-information>
</ggsn-statistics>

```

Description Information about a rate group

<rate-group-information>**Usage**

```

<apn-statistics-information>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>....</rate-group-statistics>
    </rate-group-information>
  </sbcc-statistics-information>
</apn-statistics-information>

```

Description Information about a rate group

<rate-group-statistics>**Usage**

```

<rate-group-information>
  <rate-group-statistics>
    <rate-group-identifier>
      rate-group-identifier
    </rate-group-identifier>
    <transactions-start>
      transactions-start
    </transactions-start>
    <transactions-success>
      transactions-success
    </transactions-success>
  </rate-group-statistics>
</rate-group-information>

```

Description Statistics for a rate group

<rate-group-statistics>**Usage**

```

<sbcc-statistics-information>
  <rate-group-information>
    <rate-group-statistics>

```

```
<rate-group-identifier>
  rate-group-identifier
</rate-group-identifier>
<transactions-start>
  transactions-start
</transactions-start>
<transactions-success>
  transactions-success
</transactions-success>
</rate-group-statistics>
</rate-group-information>
</sbcc-statistics-information>
```

Description Statistics for a rate group

<rate-group-statistics>

Usage

```
<ggsn-interface>
<sbcc-statistics-information>
  <rate-group-information>
    <rate-group-statistics>
      <rate-group-identifier>
        rate-group-identifier
      </rate-group-identifier>
      <transactions-start>
        transactions-start
      </transactions-start>
      <transactions-success>
        transactions-success
      </transactions-success>
    </rate-group-statistics>
  </rate-group-information>
</sbcc-statistics-information>
</ggsn-interface>
```

Description Statistics for a rate group

<rate-group-statistics>

Usage

```
<ggsn-interface-information>
<ggsn-interface>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>
        <rate-group-identifier>
          rate-group-identifier
        </rate-group-identifier>
        <transactions-start>
          transactions-start
        </transactions-start>
        <transactions-success>
```

```

        transactions-success
      </transactions-success>
    </rate-group-statistics>
  </rate-group-information>
</sbcc-statistics-information>
</ggsn-interface>
</ggsn-interface-information>

```

Description Statistics for a rate group

<rate-group-statistics>

Usage

```

<ggsn-statistics>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>
        <rate-group-identifier>
          rate-group-identifier
        </rate-group-identifier>
        <transactions-start>
          transactions-start
        </transactions-start>
        <transactions-success>
          transactions-success
        </transactions-success>
      </rate-group-statistics>
    </rate-group-information>
  </sbcc-statistics-information>
</ggsn-statistics>

```

Description Statistics for a rate group

<rate-group-statistics>

Usage

```

<apn-statistics-information>
  <sbcc-statistics-information>
    <rate-group-information>
      <rate-group-statistics>
        <rate-group-identifier>
          rate-group-identifier
        </rate-group-identifier>
        <transactions-start>
          transactions-start
        </transactions-start>
        <transactions-success>
          transactions-success
        </transactions-success>
      </rate-group-statistics>
    </rate-group-information>
  </sbcc-statistics-information>

```

```
</apn-statistics-information>
```

Description Statistics for a rate group

<redirection-request-statistics>

Usage

```
<redirection-request-statistics>  
  <request-received>  
    request-received  
  </request-received>  
  <request-transmitted>  
    request-transmitted  
  </request-transmitted>  
  <response-received>  
    response-received  
  </response-received>  
  <response-transmitted>  
    response-transmitted  
  </response-transmitted>  
</redirection-request-statistics>
```

Description GTP Prime redirection request statistics

<redirection-request-statistics>

Usage

```
<gtp-prime-statistics-information>  
  <gtp-prime-statistics>  
    <redirection-request-statistics>  
      <request-received>  
        request-received  
      </request-received>  
      <request-transmitted>  
        request-transmitted  
      </request-transmitted>  
      <response-received>  
        response-received  
      </response-received>  
      <response-transmitted>  
        response-transmitted  
      </response-transmitted>  
    </redirection-request-statistics>  
  </gtp-prime-statistics>  
</gtp-prime-statistics-information>
```

Description GTP Prime redirection request statistics

<resources>**Usage**

```

<ggsn-interface>
  <resources>
    <cpu-info>....</cpu-info>
    <memory-total>
      memory-total
    </memory-total>
    <memory-used>
      memory-used
    </memory-used>
  </resources>
</ggsn-interface>

```

Description CPU and memory information for a PIC

<resources>**Usage**

```

<ggsn-interface-information>
  <ggsn-interface>
    <resources>
      <cpu-info>....</cpu-info>
      <memory-total>
        memory-total
      </memory-total>
      <memory-used>
        memory-used
      </memory-used>
    </resources>
  </ggsn-interface>
</ggsn-interface-information>

```

Description CPU and memory information for a PIC

<rs-statistics>**Usage**

```

<rulespace-based-charging-statistics>
  <rs-statistics>
    <rs-identifier>
      rs-identifier
    </rs-identifier>
    <uplink-statistics>
      uplink-statistics
    </uplink-statistics>
    <downlink-statistics>
      downlink-statistics
    </downlink-statistics>
    <service-instances>
      service-instances

```

```
</service-instances>
<discarded-uplink>
  discarded-uplink
</discarded-uplink>
<discarded-downlink>
  discarded-downlink
</discarded-downlink>
<gate-discarded-uplink>
  gate-discarded-uplink
</gate-discarded-uplink>
<gate-discarded-downlink>
  gate-discarded-downlink
</gate-discarded-downlink>
</rs-statistics>
</rulespace-based-charging-statistics>
```

Description Statistics for a rule space

<rs-statistics>

Usage

```
<apn-statistics-information>
  <apn-statistics>
    <rulespace-based-charging-statistics>
      <rs-statistics>
        <rs-identifier>
          rs-identifier
        </rs-identifier>
        <uplink-statistics>
          uplink-statistics
        </uplink-statistics>
        <downlink-statistics>
          downlink-statistics
        </downlink-statistics>
        <service-instances>
          service-instances
        </service-instances>
        <discarded-uplink>
          discarded-uplink
        </discarded-uplink>
        <discarded-downlink>
          discarded-downlink
        </discarded-downlink>
        <gate-discarded-uplink>
          gate-discarded-uplink
        </gate-discarded-uplink>
        <gate-discarded-downlink>
          gate-discarded-downlink
        </gate-discarded-downlink>
      </rs-statistics>
    </rulespace-based-charging-statistics>
  </apn-statistics>
</apn-statistics-information>
```

Description Statistics for a rule space

<rulespace-based-charging-statistics>

Usage

```
<rulespace-based-charging-statistics>
  <rs-statistics>....</rs-statistics>
</rulespace-based-charging-statistics>
```

Description Information about rule spaces

<rulespace-based-charging-statistics>

Usage

```
<apn-statistics-information>
  <apn-statistics>
    <rulespace-based-charging-statistics>
      <rs-statistics>....</rs-statistics>
    </rulespace-based-charging-statistics>
  </apn-statistics>
</apn-statistics-information>
```

Description Information about rule spaces

<sbcc-statistics-information>

Usage

```
<sbcc-statistics-information>
  <prepaid-request>
    prepaid-request
  </prepaid-request>
  <rating-request>
    rating-request
  </rating-request>
  <prepaid-user>
    prepaid-user
  </prepaid-user>
  <prepaid-context>
    prepaid-context
  </prepaid-context>
  <prepaid-pdp-creates-attempted>
    prepaid-pdp-creates-attempted
  </prepaid-pdp-creates-attempted>
  <prepaid-pdp-creates-failed>
    prepaid-pdp-creates-failed
  </prepaid-pdp-creates-failed>
  <pdp-initiated-deactivation>
    pdp-initiated-deactivation
  </pdp-initiated-deactivation>
  <credit-start-request-attempted>
    credit-start-request-attempted
  </credit-start-request-attempted>
```

```
<credit-start-request-failed>
  credit-start-request-failed
</credit-start-request-failed>
<rating-initial-request-attempted>
  rating-initial-request-attempted
</rating-initial-request-attempted>
<rating-initial-request-failed>
  rating-initial-request-failed
</rating-initial-request-failed>
<rating-update-request-attempted>
  rating-update-request-attempted
</rating-update-request-attempted>
<rating-update-request-failed>
  rating-update-request-failed
</rating-update-request-failed>
<credit-update-request-attempted>
  credit-update-request-attempted
</credit-update-request-attempted>
<credit-update-request-failed>
  credit-update-request-failed
</credit-update-request-failed>
<credit-stop-request-attempted>
  credit-stop-request-attempted
</credit-stop-request-attempted>
<credit-stop-request-failed>
  credit-stop-request-failed
</credit-stop-request-failed>
<external-prs-update>
  external-prs-update
</external-prs-update>
<external-prs-update-no-match>
  external-prs-update-no-match
</external-prs-update-no-match>
<external-credit-update>
  external-credit-update
</external-credit-update>
<external-credit-update-no-match>
  external-credit-update-no-match
</external-credit-update-no-match>
<external-update-failed>
  external-update-failed
</external-update-failed>
<duration-time>
  duration-time
</duration-time>
<activation-bearer-ctrl-accept>
  activation-bearer-ctrl-accept
</activation-bearer-ctrl-accept>
<activation-bearer-ctrl-reject>
  activation-bearer-ctrl-reject
</activation-bearer-ctrl-reject>
<activation-bearer-ctrl-upgrade>
  activation-bearer-ctrl-upgrade
</activation-bearer-ctrl-upgrade>
<activation-bearer-ctrl-downgrade>
  activation-bearer-ctrl-downgrade
```

```

</activation-bearer-ctrl-downgrade>
<modification-bearer-ctrl-accept>
  modification-bearer-ctrl-accept
</modification-bearer-ctrl-accept>
<modification-bearer-ctrl-deactivate>
  modification-bearer-ctrl-deactivate
</modification-bearer-ctrl-deactivate>
<modification-bearer-ctrl-upgrade>
  modification-bearer-ctrl-upgrade
</modification-bearer-ctrl-upgrade>
<modification-bearer-ctrl-downgrade>
  modification-bearer-ctrl-downgrade
</modification-bearer-ctrl-downgrade>
<activation-no-bearer-ctrl-accept>
  activation-no-bearer-ctrl-accept
</activation-no-bearer-ctrl-accept>
<activation-no-bearer-ctrl-reject>
  activation-no-bearer-ctrl-reject
</activation-no-bearer-ctrl-reject>
<activation-no-bearer-ctrl-downgrade>
  activation-no-bearer-ctrl-downgrade
</activation-no-bearer-ctrl-downgrade>
<modification-no-bearer-ctrl-accept>
  modification-no-bearer-ctrl-accept
</modification-no-bearer-ctrl-accept>
<modification-no-bearer-ctrl-deactivate>
  modification-no-bearer-ctrl-deactivate
</modification-no-bearer-ctrl-deactivate>
<modification-no-bearer-ctrl-downgrade>
  modification-no-bearer-ctrl-downgrade
</modification-no-bearer-ctrl-downgrade>
<das-information>....</das-information>
<pras-information>....</pras-information>
<ccas-information>....</ccas-information>
<service-class-information>....</service-class-information>
<service-identifier-information>....</service-identifier-information>
<rate-group-information>....</rate-group-information>
<authorization-discard-information>....</authorization-discard-information>
</sbcc-statistics-information>

```

Description Service-based charging statistics

<sbcc-statistics-information>

Usage

```

<ggsn-interface>
  <sbcc-statistics-information>
    <prepaid-request>
      prepaid-request
    </prepaid-request>
    <rating-request>
      rating-request
    </rating-request>
    <prepaid-user>

```

```
    prepaid-user
  </prepaid-user>
  <prepaid-context>
    prepaid-context
  </prepaid-context>
  <prepaid-pdp-creates-attempted>
    prepaid-pdp-creates-attempted
  </prepaid-pdp-creates-attempted>
  <prepaid-pdp-creates-failed>
    prepaid-pdp-creates-failed
  </prepaid-pdp-creates-failed>
  <pdp-initiated-deactivation>
    pdp-initiated-deactivation
  </pdp-initiated-deactivation>
  <credit-start-request-attempted>
    credit-start-request-attempted
  </credit-start-request-attempted>
  <credit-start-request-failed>
    credit-start-request-failed
  </credit-start-request-failed>
  <rating-initial-request-attempted>
    rating-initial-request-attempted
  </rating-initial-request-attempted>
  <rating-initial-request-failed>
    rating-initial-request-failed
  </rating-initial-request-failed>
  <rating-update-request-attempted>
    rating-update-request-attempted
  </rating-update-request-attempted>
  <rating-update-request-failed>
    rating-update-request-failed
  </rating-update-request-failed>
  <credit-update-request-attempted>
    credit-update-request-attempted
  </credit-update-request-attempted>
  <credit-update-request-failed>
    credit-update-request-failed
  </credit-update-request-failed>
  <credit-stop-request-attempted>
    credit-stop-request-attempted
  </credit-stop-request-attempted>
  <credit-stop-request-failed>
    credit-stop-request-failed
  </credit-stop-request-failed>
  <external-prs-update>
    external-prs-update
  </external-prs-update>
  <external-prs-update-no-match>
    external-prs-update-no-match
  </external-prs-update-no-match>
  <external-credit-update>
    external-credit-update
  </external-credit-update>
  <external-credit-update-no-match>
    external-credit-update-no-match
  </external-credit-update-no-match>
```

```
<external-update-failed>
  external-update-failed
</external-update-failed>
<duration-time>
  duration-time
</duration-time>
<activation-bearer-ctrl-accept>
  activation-bearer-ctrl-accept
</activation-bearer-ctrl-accept>
<activation-bearer-ctrl-reject>
  activation-bearer-ctrl-reject
</activation-bearer-ctrl-reject>
<activation-bearer-ctrl-upgrade>
  activation-bearer-ctrl-upgrade
</activation-bearer-ctrl-upgrade>
<activation-bearer-ctrl-downgrade>
  activation-bearer-ctrl-downgrade
</activation-bearer-ctrl-downgrade>
<modification-bearer-ctrl-accept>
  modification-bearer-ctrl-accept
</modification-bearer-ctrl-accept>
<modification-bearer-ctrl-deactivate>
  modification-bearer-ctrl-deactivate
</modification-bearer-ctrl-deactivate>
<modification-bearer-ctrl-upgrade>
  modification-bearer-ctrl-upgrade
</modification-bearer-ctrl-upgrade>
<modification-bearer-ctrl-downgrade>
  modification-bearer-ctrl-downgrade
</modification-bearer-ctrl-downgrade>
<activation-no-bearer-ctrl-accept>
  activation-no-bearer-ctrl-accept
</activation-no-bearer-ctrl-accept>
<activation-no-bearer-ctrl-reject>
  activation-no-bearer-ctrl-reject
</activation-no-bearer-ctrl-reject>
<activation-no-bearer-ctrl-downgrade>
  activation-no-bearer-ctrl-downgrade
</activation-no-bearer-ctrl-downgrade>
<modification-no-bearer-ctrl-accept>
  modification-no-bearer-ctrl-accept
</modification-no-bearer-ctrl-accept>
<modification-no-bearer-ctrl-deactivate>
  modification-no-bearer-ctrl-deactivate
</modification-no-bearer-ctrl-deactivate>
<modification-no-bearer-ctrl-downgrade>
  modification-no-bearer-ctrl-downgrade
</modification-no-bearer-ctrl-downgrade>
<das-information>....</das-information>
<pras-information>....</pras-information>
<ccas-information>....</ccas-information>
<service-class-information>....</service-class-information>
<service-identifier-information>....</service-identifier-information>
<rate-group-information>....</rate-group-information>
<authorization-discard-information>....</authorization-discard-information>
</sbcc-statistics-information>
```

</ggsn-interface>

Description Service-based charging statistics

<sbcc-statistics-information>

Usage

```
<ggsn-interface-information>
<ggsn-interface>
  <sbcc-statistics-information>
    <prepaid-request>
      prepaid-request
    </prepaid-request>
    <rating-request>
      rating-request
    </rating-request>
    <prepaid-user>
      prepaid-user
    </prepaid-user>
    <prepaid-context>
      prepaid-context
    </prepaid-context>
    <prepaid-pdp-creates-attempted>
      prepaid-pdp-creates-attempted
    </prepaid-pdp-creates-attempted>
    <prepaid-pdp-creates-failed>
      prepaid-pdp-creates-failed
    </prepaid-pdp-creates-failed>
    <pdp-initiated-deactivation>
      pdp-initiated-deactivation
    </pdp-initiated-deactivation>
    <credit-start-request-attempted>
      credit-start-request-attempted
    </credit-start-request-attempted>
    <credit-start-request-failed>
      credit-start-request-failed
    </credit-start-request-failed>
    <rating-initial-request-attempted>
      rating-initial-request-attempted
    </rating-initial-request-attempted>
    <rating-initial-request-failed>
      rating-initial-request-failed
    </rating-initial-request-failed>
    <rating-update-request-attempted>
      rating-update-request-attempted
    </rating-update-request-attempted>
    <rating-update-request-failed>
      rating-update-request-failed
    </rating-update-request-failed>
    <credit-update-request-attempted>
      credit-update-request-attempted
    </credit-update-request-attempted>
    <credit-update-request-failed>
      credit-update-request-failed
```



```
</credit-update-request-failed>
<credit-stop-request-attempted>
  credit-stop-request-attempted
</credit-stop-request-attempted>
<credit-stop-request-failed>
  credit-stop-request-failed
</credit-stop-request-failed>
<external-prs-update>
  external-prs-update
</external-prs-update>
<external-prs-update-no-match>
  external-prs-update-no-match
</external-prs-update-no-match>
<external-credit-update>
  external-credit-update
</external-credit-update>
<external-credit-update-no-match>
  external-credit-update-no-match
</external-credit-update-no-match>
<external-update-failed>
  external-update-failed
</external-update-failed>
<duration-time>
  duration-time
</duration-time>
<activation-bearer-ctrl-accept>
  activation-bearer-ctrl-accept
</activation-bearer-ctrl-accept>
<activation-bearer-ctrl-reject>
  activation-bearer-ctrl-reject
</activation-bearer-ctrl-reject>
<activation-bearer-ctrl-upgrade>
  activation-bearer-ctrl-upgrade
</activation-bearer-ctrl-upgrade>
<activation-bearer-ctrl-downgrade>
  activation-bearer-ctrl-downgrade
</activation-bearer-ctrl-downgrade>
<modification-bearer-ctrl-accept>
  modification-bearer-ctrl-accept
</modification-bearer-ctrl-accept>
<modification-bearer-ctrl-deactivate>
  modification-bearer-ctrl-deactivate
</modification-bearer-ctrl-deactivate>
<modification-bearer-ctrl-upgrade>
  modification-bearer-ctrl-upgrade
</modification-bearer-ctrl-upgrade>
<modification-bearer-ctrl-downgrade>
  modification-bearer-ctrl-downgrade
</modification-bearer-ctrl-downgrade>
<activation-no-bearer-ctrl-accept>
  activation-no-bearer-ctrl-accept
</activation-no-bearer-ctrl-accept>
<activation-no-bearer-ctrl-reject>
  activation-no-bearer-ctrl-reject
</activation-no-bearer-ctrl-reject>
<activation-no-bearer-ctrl-downgrade>
```

```

    activation-no-bearer-ctrl-downgrade
  </activation-no-bearer-ctrl-downgrade>
  <modification-no-bearer-ctrl-accept>
    modification-no-bearer-ctrl-accept
  </modification-no-bearer-ctrl-accept>
  <modification-no-bearer-ctrl-deactivate>
    modification-no-bearer-ctrl-deactivate
  </modification-no-bearer-ctrl-deactivate>
  <modification-no-bearer-ctrl-downgrade>
    modification-no-bearer-ctrl-downgrade
  </modification-no-bearer-ctrl-downgrade>
  <das-information>....</das-information>
  <pras-information>....</pras-information>
  <ccas-information>....</ccas-information>
  <service-class-information>....</service-class-information>
  <service-identifier-information>....</service-identifier-information>
  <rate-group-information>....</rate-group-information>
  <authorization-discard-information>....</authorization-discard-information>
</sbcc-statistics-information>
</ggsn-interface>
</ggsn-interface-information>

```

Description Service-based charging statistics

<sbcc-statistics-information>

Usage

```

<ggsn-statistics>
  <sbcc-statistics-information>
    <prepaid-request>
      prepaid-request
    </prepaid-request>
    <rating-request>
      rating-request
    </rating-request>
    <prepaid-user>
      prepaid-user
    </prepaid-user>
    <prepaid-context>
      prepaid-context
    </prepaid-context>
    <prepaid-pdp-creates-attempted>
      prepaid-pdp-creates-attempted
    </prepaid-pdp-creates-attempted>
    <prepaid-pdp-creates-failed>
      prepaid-pdp-creates-failed
    </prepaid-pdp-creates-failed>
    <pdp-initiated-deactivation>
      pdp-initiated-deactivation
    </pdp-initiated-deactivation>
    <credit-start-request-attempted>
      credit-start-request-attempted
    </credit-start-request-attempted>
    <credit-start-request-failed>

```

```
    credit-start-request-failed
</credit-start-request-failed>
<rating-initial-request-attempted>
    rating-initial-request-attempted
</rating-initial-request-attempted>
<rating-initial-request-failed>
    rating-initial-request-failed
</rating-initial-request-failed>
<rating-update-request-attempted>
    rating-update-request-attempted
</rating-update-request-attempted>
<rating-update-request-failed>
    rating-update-request-failed
</rating-update-request-failed>
<credit-update-request-attempted>
    credit-update-request-attempted
</credit-update-request-attempted>
<credit-update-request-failed>
    credit-update-request-failed
</credit-update-request-failed>
<credit-stop-request-attempted>
    credit-stop-request-attempted
</credit-stop-request-attempted>
<credit-stop-request-failed>
    credit-stop-request-failed
</credit-stop-request-failed>
<external-prs-update>
    external-prs-update
</external-prs-update>
<external-prs-update-no-match>
    external-prs-update-no-match
</external-prs-update-no-match>
<external-credit-update>
    external-credit-update
</external-credit-update>
<external-credit-update-no-match>
    external-credit-update-no-match
</external-credit-update-no-match>
<external-update-failed>
    external-update-failed
</external-update-failed>
<duration-time>
    duration-time
</duration-time>
<activation-bearer-ctrl-accept>
    activation-bearer-ctrl-accept
</activation-bearer-ctrl-accept>
<activation-bearer-ctrl-reject>
    activation-bearer-ctrl-reject
</activation-bearer-ctrl-reject>
<activation-bearer-ctrl-upgrade>
    activation-bearer-ctrl-upgrade
</activation-bearer-ctrl-upgrade>
<activation-bearer-ctrl-downgrade>
    activation-bearer-ctrl-downgrade
</activation-bearer-ctrl-downgrade>
```

```
<modification-bearer-ctrl-accept>
  modification-bearer-ctrl-accept
</modification-bearer-ctrl-accept>
<modification-bearer-ctrl-deactivate>
  modification-bearer-ctrl-deactivate
</modification-bearer-ctrl-deactivate>
<modification-bearer-ctrl-upgrade>
  modification-bearer-ctrl-upgrade
</modification-bearer-ctrl-upgrade>
<modification-bearer-ctrl-downgrade>
  modification-bearer-ctrl-downgrade
</modification-bearer-ctrl-downgrade>
<activation-no-bearer-ctrl-accept>
  activation-no-bearer-ctrl-accept
</activation-no-bearer-ctrl-accept>
<activation-no-bearer-ctrl-reject>
  activation-no-bearer-ctrl-reject
</activation-no-bearer-ctrl-reject>
<activation-no-bearer-ctrl-downgrade>
  activation-no-bearer-ctrl-downgrade
</activation-no-bearer-ctrl-downgrade>
<modification-no-bearer-ctrl-accept>
  modification-no-bearer-ctrl-accept
</modification-no-bearer-ctrl-accept>
<modification-no-bearer-ctrl-deactivate>
  modification-no-bearer-ctrl-deactivate
</modification-no-bearer-ctrl-deactivate>
<modification-no-bearer-ctrl-downgrade>
  modification-no-bearer-ctrl-downgrade
</modification-no-bearer-ctrl-downgrade>
<das-information>....</das-information>
<pras-information>....</pras-information>
<ccas-information>....</ccas-information>
<service-class-information>....</service-class-information>
<service-identifier-information>....</service-identifier-information>
<rate-group-information>....</rate-group-information>
<authorization-discard-information>....</authorization-discard-information>
</sbcc-statistics-information>
</ggsn-statistics>
```

Description Service-based charging statistics

<sbcc-statistics-information>

Usage

```
<apn-statistics-information>
<sbcc-statistics-information>
  <prepaid-request>
    prepaid-request
  </prepaid-request>
  <rating-request>
    rating-request
  </rating-request>
  <prepaid-user>
```

```
    prepaid-user
  </prepaid-user>
  <prepaid-context>
    prepaid-context
  </prepaid-context>
  <prepaid-pdp-creates-attempted>
    prepaid-pdp-creates-attempted
  </prepaid-pdp-creates-attempted>
  <prepaid-pdp-creates-failed>
    prepaid-pdp-creates-failed
  </prepaid-pdp-creates-failed>
  <pdp-initiated-deactivation>
    pdp-initiated-deactivation
  </pdp-initiated-deactivation>
  <credit-start-request-attempted>
    credit-start-request-attempted
  </credit-start-request-attempted>
  <credit-start-request-failed>
    credit-start-request-failed
  </credit-start-request-failed>
  <rating-initial-request-attempted>
    rating-initial-request-attempted
  </rating-initial-request-attempted>
  <rating-initial-request-failed>
    rating-initial-request-failed
  </rating-initial-request-failed>
  <rating-update-request-attempted>
    rating-update-request-attempted
  </rating-update-request-attempted>
  <rating-update-request-failed>
    rating-update-request-failed
  </rating-update-request-failed>
  <credit-update-request-attempted>
    credit-update-request-attempted
  </credit-update-request-attempted>
  <credit-update-request-failed>
    credit-update-request-failed
  </credit-update-request-failed>
  <credit-stop-request-attempted>
    credit-stop-request-attempted
  </credit-stop-request-attempted>
  <credit-stop-request-failed>
    credit-stop-request-failed
  </credit-stop-request-failed>
  <external-prs-update>
    external-prs-update
  </external-prs-update>
  <external-prs-update-no-match>
    external-prs-update-no-match
  </external-prs-update-no-match>
  <external-credit-update>
    external-credit-update
  </external-credit-update>
  <external-credit-update-no-match>
    external-credit-update-no-match
  </external-credit-update-no-match>
```

```
<external-update-failed>
  external-update-failed
</external-update-failed>
<duration-time>
  duration-time
</duration-time>
<activation-bearer-ctrl-accept>
  activation-bearer-ctrl-accept
</activation-bearer-ctrl-accept>
<activation-bearer-ctrl-reject>
  activation-bearer-ctrl-reject
</activation-bearer-ctrl-reject>
<activation-bearer-ctrl-upgrade>
  activation-bearer-ctrl-upgrade
</activation-bearer-ctrl-upgrade>
<activation-bearer-ctrl-downgrade>
  activation-bearer-ctrl-downgrade
</activation-bearer-ctrl-downgrade>
<modification-bearer-ctrl-accept>
  modification-bearer-ctrl-accept
</modification-bearer-ctrl-accept>
<modification-bearer-ctrl-deactivate>
  modification-bearer-ctrl-deactivate
</modification-bearer-ctrl-deactivate>
<modification-bearer-ctrl-upgrade>
  modification-bearer-ctrl-upgrade
</modification-bearer-ctrl-upgrade>
<modification-bearer-ctrl-downgrade>
  modification-bearer-ctrl-downgrade
</modification-bearer-ctrl-downgrade>
<activation-no-bearer-ctrl-accept>
  activation-no-bearer-ctrl-accept
</activation-no-bearer-ctrl-accept>
<activation-no-bearer-ctrl-reject>
  activation-no-bearer-ctrl-reject
</activation-no-bearer-ctrl-reject>
<activation-no-bearer-ctrl-downgrade>
  activation-no-bearer-ctrl-downgrade
</activation-no-bearer-ctrl-downgrade>
<modification-no-bearer-ctrl-accept>
  modification-no-bearer-ctrl-accept
</modification-no-bearer-ctrl-accept>
<modification-no-bearer-ctrl-deactivate>
  modification-no-bearer-ctrl-deactivate
</modification-no-bearer-ctrl-deactivate>
<modification-no-bearer-ctrl-downgrade>
  modification-no-bearer-ctrl-downgrade
</modification-no-bearer-ctrl-downgrade>
<das-information>....</das-information>
<pras-information>....</pras-information>
<ccas-information>....</ccas-information>
<service-class-information>....</service-class-information>
<service-identifier-information>....</service-identifier-information>
<rate-group-information>....</rate-group-information>
<authorization-discard-information>....</authorization-discard-information>
</sbcc-statistics-information>
```

```
</apn-statistics-information>
```

Description Service-based charging statistics

<service-based-charging-for-gx>

Usage

```
<service-based-charging-for-gx>
  <ccr-statistics>....</ccr-statistics>
  <dynamic-charging-rules>
    dynamic-charging-rules
  </dynamic-charging-rules>
  <active-predifened-charging-rules>
    active-predifened-charging-rules
  </active-predifened-charging-rules>
  <active-predifened-charging-rulbases>
    active-predifened-charging-rulbases
  </active-predifened-charging-rulbases>
</service-based-charging-for-gx>
```

Description Service-base charging statistics for the gx interface

<service-based-charging-for-gx>

Usage

```
<apn-statistics-information>
  <service-based-charging-for-gx>
    <ccr-statistics>....</ccr-statistics>
    <dynamic-charging-rules>
      dynamic-charging-rules
    </dynamic-charging-rules>
    <active-predifened-charging-rules>
      active-predifened-charging-rules
    </active-predifened-charging-rules>
    <active-predifened-charging-rulbases>
      active-predifened-charging-rulbases
    </active-predifened-charging-rulbases>
  </service-based-charging-for-gx>
</apn-statistics-information>
```

Description Service-base charging statistics for the gx interface

<service-class-information>

Usage

```
<service-class-information>
  <service-class-statistics>....</service-class-statistics>
</service-class-information>
```

Description Information about a service class

<service-class-information>

Usage

```
<sbcc-statistics-information>
  <service-class-information>
    <service-class-statistics>....</service-class-statistics>
  </service-class-information>
</sbcc-statistics-information>
```

Description Information about a service class

<service-class-information>

Usage

```
<ggsn-interface>
  <sbcc-statistics-information>
    <service-class-information>
      <service-class-statistics>....</service-class-statistics>
    </service-class-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description Information about a service class

<service-class-information>

Usage

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <service-class-information>
        <service-class-statistics>....</service-class-statistics>
      </service-class-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description Information about a service class

<service-class-information>

Usage

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <service-class-information>
      <service-class-statistics>....</service-class-statistics>
    </service-class-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```


Description Information about a service class

<service-class-information>

Usage

```
<apn-statistics-information>
  <sbcc-statistics-information>
    <service-class-information>
      <service-class-statistics>....</service-class-statistics>
    </service-class-information>
  </sbcc-statistics-information>
</apn-statistics-information>
```

Description Information about a service class

<service-class-statistics>

Usage

```
<service-class-information>
  <service-class-statistics>
    <service-class-identifier>
      service-class-identifier
    </service-class-identifier>
    <uplink-bytes>
      uplink-bytes
    </uplink-bytes>
    <downlink-bytes>
      downlink-bytes
    </downlink-bytes>
    <active-time>
      active-time
    </active-time>
  </service-class-statistics>
</service-class-information>
```

Description Statistics for a service class

<service-class-statistics>

Usage

```
<sbcc-statistics-information>
  <service-class-information>
    <service-class-statistics>
      <service-class-identifier>
        service-class-identifier
      </service-class-identifier>
      <uplink-bytes>
        uplink-bytes
      </uplink-bytes>
      <downlink-bytes>
        downlink-bytes
      </downlink-bytes>
```

```
<active-time>
  active-time
</active-time>
</service-class-statistics>
</service-class-information>
</sbcc-statistics-information>
```

Description Statistics for a service class

<service-class-statistics>

Usage

```
<ggsn-interface>
<sbcc-statistics-information>
<service-class-information>
  <service-class-statistics>
    <service-class-identifier>
      service-class-identifier
    </service-class-identifier>
    <uplink-bytes>
      uplink-bytes
    </uplink-bytes>
    <downlink-bytes>
      downlink-bytes
    </downlink-bytes>
    <active-time>
      active-time
    </active-time>
  </service-class-statistics>
</service-class-information>
</sbcc-statistics-information>
</ggsn-interface>
```

Description Statistics for a service class

<service-class-statistics>

Usage

```
<ggsn-interface-information>
<ggsn-interface>
<sbcc-statistics-information>
<service-class-information>
  <service-class-statistics>
    <service-class-identifier>
      service-class-identifier
    </service-class-identifier>
    <uplink-bytes>
      uplink-bytes
    </uplink-bytes>
    <downlink-bytes>
      downlink-bytes
    </downlink-bytes>
    <active-time>
```

```

        active-time
      </active-time>
    </service-class-statistics>
  </service-class-information>
</sbcc-statistics-information>
</ggsn-interface>
</ggsn-interface-information>

```

Description Statistics for a service class

<service-class-statistics>

Usage

```

<ggsn-statistics>
  <sbcc-statistics-information>
    <service-class-information>
      <service-class-statistics>
        <service-class-identifier>
          service-class-identifier
        </service-class-identifier>
        <uplink-bytes>
          uplink-bytes
        </uplink-bytes>
        <downlink-bytes>
          downlink-bytes
        </downlink-bytes>
        <active-time>
          active-time
        </active-time>
      </service-class-statistics>
    </service-class-information>
  </sbcc-statistics-information>
</ggsn-statistics>

```

Description Statistics for a service class

<service-class-statistics>

Usage

```

<apn-statistics-information>
  <sbcc-statistics-information>
    <service-class-information>
      <service-class-statistics>
        <service-class-identifier>
          service-class-identifier
        </service-class-identifier>
        <uplink-bytes>
          uplink-bytes
        </uplink-bytes>
        <downlink-bytes>
          downlink-bytes
        </downlink-bytes>
        <active-time>

```

```
        active-time
      </active-time>
    </service-class-statistics>
  </service-class-information>
</sbcc-statistics-information>
</apn-statistics-information>
```

Description Statistics for a service class

<service-id-information>

Usage

```
<service-id-information>
  <service-id-statistics>....</service-id-statistics>
</service-id-information>
```

Description Information about a service ID

<service-id-statistics>

Usage

```
<service-id-information>
  <service-id-statistics>
    <service-id-identifier>
      service-id-identifier
    </service-id-identifier>
    <uplink-bytes>
      uplink-bytes
    </uplink-bytes>
    <downlink-bytes>
      downlink-bytes
    </downlink-bytes>
    <transactions-charged>
      transactions-charged
    </transactions-charged>
    <transactions-failed>
      transactions-failed
    </transactions-failed>
    <transactions-start>
      transactions-start
    </transactions-start>
    <transactions-success>
      transactions-success
    </transactions-success>
  </service-id-statistics>
</service-id-information>
```

Description Statistics for a service ID

<service-identifier-information>**Usage**

```
<sbcc-statistics-information>
  <service-identifier-information>
</service-identifier-information>
</sbcc-statistics-information>
```

Description**<service-identifier-information>****Usage**

```
<ggsn-interface>
  <sbcc-statistics-information>
    <service-identifier-information>
  </service-identifier-information>
  </sbcc-statistics-information>
</ggsn-interface>
```

Description**<service-identifier-information>****Usage**

```
<ggsn-interface-information>
  <ggsn-interface>
    <sbcc-statistics-information>
      <service-identifier-information>
    </service-identifier-information>
    </sbcc-statistics-information>
  </ggsn-interface>
</ggsn-interface-information>
```

Description**<service-identifier-information>****Usage**

```
<ggsn-statistics>
  <sbcc-statistics-information>
    <service-identifier-information>
  </service-identifier-information>
  </sbcc-statistics-information>
</ggsn-statistics>
```

Description**<service-identifier-information>****Usage**

```
<apn-statistics-information>
  <sbcc-statistics-information>
```

```
<service-identifier-information>
</service-identifier-information>
</sbcc-statistics-information>
</apn-statistics-information>
```

Description**<sgsn-statistics>****Usage**

```
<sgsn-statistics-information>
<sgsn-statistics>
  <address>
    address
  </address>
  <pdp-context-statistics>....</pdp-context-statistics>
  <uplink>....</uplink>
  <downlink>....</downlink>
  <gtp-error-statistics>....</gtp-error-statistics>
</sgsn-statistics>
</sgsn-statistics-information>
```

Description Statistics information for an SGSN

<sgsn-statistics-information>**Usage**

```
<sgsn-statistics-information>
<sgsn-statistics>....</sgsn-statistics>
</sgsn-statistics-information>
```

Description SGSN-level statistics for the GGSN service

<signalling>**Usage**

```
<signalling>
  <incoming>....</incoming>
  <outgoing>....</outgoing>
</signalling>
```

Description Signaling traffic

<signalling>**Usage**

```
<apn-statistics-information>
<apn-statistics>
  <signalling>
    <incoming>....</incoming>
    <outgoing>....</outgoing>
```

```

    </signalling>
  </apn-statistics>
</apn-statistics-information>

```

Description Signaling traffic

<software-action-results>

Usage

```

<software-action-results>
  <software-action-message>
    software-action-message
  </software-action-message>
</software-action-results>

```

Description Results of a GGSN software software command

<tft-statistics>

Usage

```

<ggsn-interface>
  <tft-statistics>
    <maximum-tft-filter-depth>
      maximum-tft-filter-depth
    </maximum-tft-filter-depth>
    <mean-tft-filter-depth>
      mean-tft-filter-depth
    </mean-tft-filter-depth>
  </tft-statistics>
</ggsn-interface>

```

Description

<tft-statistics>

Usage

```

<ggsn-interface-information>
  <ggsn-interface>
    <tft-statistics>
      <maximum-tft-filter-depth>
        maximum-tft-filter-depth
      </maximum-tft-filter-depth>
      <mean-tft-filter-depth>
        mean-tft-filter-depth
      </mean-tft-filter-depth>
    </tft-statistics>
  </ggsn-interface>
</ggsn-interface-information>

```

Description

<traffic-flow-template>

Usage

```
<pdp-context>
  <traffic-flow-template-information>
    <traffic-flow-template>
      <packet-filter-information>....</packet-filter-information>
    </traffic-flow-template>
  </traffic-flow-template-information>
</pdp-context>
```

Description TFT information

<traffic-flow-template>

Usage

```
<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>
            <packet-filter-information>....</packet-filter-information>
          </traffic-flow-template>
        </traffic-flow-template-information>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</mobile-user-information>
```

Description TFT information

<traffic-flow-template>

Usage

```
<pdp-context-deletion-results>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>
            <packet-filter-information>....</packet-filter-information>
          </traffic-flow-template>
        </traffic-flow-template-information>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</pdp-context-deletion-results>
```

Description TFT information

<traffic-flow-template-information>**Usage**

```

<pdp-context>
  <traffic-flow-template-information>
    <traffic-flow-template>....</traffic-flow-template>
  </traffic-flow-template-information>
</pdp-context>

```

Description Traffic flow templates (TFTs)

<traffic-flow-template-information>**Usage**

```

<mobile-user-information>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>....</traffic-flow-template>
        </traffic-flow-template-information>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</mobile-user-information>

```

Description Traffic flow templates (TFTs)

<traffic-flow-template-information>**Usage**

```

<pdp-context-deletion-results>
  <mobile-user>
    <pdp-context-information>
      <pdp-context>
        <traffic-flow-template-information>
          <traffic-flow-template>....</traffic-flow-template>
        </traffic-flow-template-information>
      </pdp-context>
    </pdp-context-information>
  </mobile-user>
</pdp-context-deletion-results>

```

Description Traffic flow templates (TFTs)

<uplink>**Usage**

```

<uplink>
  <packets>
    packets

```

```
</packets>
<packets-ipv6>
  packets-ipv6
</packets-ipv6>
<bytes>
  bytes
</bytes>
<bytes-ipv6>
  bytes-ipv6
</bytes-ipv6>
<dropped-packets>
  dropped-packets
</dropped-packets>
<dropped-packets-ipv6>
  dropped-packets-ipv6
</dropped-packets-ipv6>
<dropped-bytes>
  dropped-bytes
</dropped-bytes>
<dropped-bytes-ipv6>
  dropped-bytes-ipv6
</dropped-bytes-ipv6>
</uplink>
```

Description Link traffic in the uplink direction

<uplink>

Usage

```
<ggsn-statistics>
  <uplink>
    <packets>
      packets
    </packets>
    <packets-ipv6>
      packets-ipv6
    </packets-ipv6>
    <bytes>
      bytes
    </bytes>
    <bytes-ipv6>
      bytes-ipv6
    </bytes-ipv6>
    <dropped-packets>
      dropped-packets
    </dropped-packets>
    <dropped-packets-ipv6>
      dropped-packets-ipv6
    </dropped-packets-ipv6>
    <dropped-bytes>
      dropped-bytes
    </dropped-bytes>
    <dropped-bytes-ipv6>
      dropped-bytes-ipv6
  </uplink>
</ggsn-statistics>
```

```

    </dropped-bytes-ipv6>
  </uplink>
</ggsn-statistics>

```

Description Link traffic in the uplink direction

<uplink>

Usage

```

<apn-statistics-information>
  <apn-statistics>
    <uplink>
      <packets>
        packets
      </packets>
      <packets-ipv6>
        packets-ipv6
      </packets-ipv6>
      <bytes>
        bytes
      </bytes>
      <bytes-ipv6>
        bytes-ipv6
      </bytes-ipv6>
      <dropped-packets>
        dropped-packets
      </dropped-packets>
      <dropped-packets-ipv6>
        dropped-packets-ipv6
      </dropped-packets-ipv6>
      <dropped-bytes>
        dropped-bytes
      </dropped-bytes>
      <dropped-bytes-ipv6>
        dropped-bytes-ipv6
      </dropped-bytes-ipv6>
    </uplink>
  </apn-statistics>
</apn-statistics-information>

```

Description Link traffic in the uplink direction

<uplink>

Usage

```

<sgsn-statistics-information>
  <sgsn-statistics>
    <uplink>
      <packets>
        packets
      </packets>
      <packets-ipv6>
        packets-ipv6
      </packets-ipv6>
    </uplink>
  </sgsn-statistics>
</sgsn-statistics-information>

```

```
</packets-ipv6>
<bytes>
  bytes
</bytes>
<bytes-ipv6>
  bytes-ipv6
</bytes-ipv6>
<dropped-packets>
  dropped-packets
</dropped-packets>
<dropped-packets-ipv6>
  dropped-packets-ipv6
</dropped-packets-ipv6>
<dropped-bytes>
  dropped-bytes
</dropped-bytes>
<dropped-bytes-ipv6>
  dropped-bytes-ipv6
</dropped-bytes-ipv6>
</uplink>
</sgsn-statistics>
</sgsn-statistics-information>
```

Description Link traffic in the uplink direction

<user-category-line>

Usage

```
<ggsn-pdp-per-user-category>
  <user-category-line>
    <user-category>
      user-category
    </user-category>
    <pdp-active>
      pdp-active
    </pdp-active>
  </user-category-line>
</ggsn-pdp-per-user-category>
```

Description

<user-category-line>

Usage

```
<apn-statistics-information>
  <apn-statistics>
    <ggsn-pdp-per-user-category>
      <user-category-line>
        <user-category>
          user-category
        </user-category>
        <pdp-active>
          pdp-active
        </pdp-active>
```

```

        </user-category-line>
    </ggsn-pdp-per-user-category>
</apn-statistics>
</apn-statistics-information>

```

Description

<version-unsupported-statistics>

Usage

```

<version-unsupported-statistics>
  <version-unsupported-received>
    version-unsupported-received
  </version-unsupported-received>
  <version-unsupported-transmitted>
    version-unsupported-transmitted
  </version-unsupported-transmitted>
</version-unsupported-statistics>

```

Description Version unsupported message information

<version-unsupported-statistics>

Usage

```

<gtp-statistics-information>
  <gtp-statistics>
    <version-unsupported-statistics>
      <version-unsupported-received>
        version-unsupported-received
      </version-unsupported-received>
      <version-unsupported-transmitted>
        version-unsupported-transmitted
      </version-unsupported-transmitted>
    </version-unsupported-statistics>
  </gtp-statistics>
</gtp-statistics-information>

```

Description Version unsupported message information

<version-unsupported-statistics>

Usage

```

<gtp-prime-statistics-information>
  <gtp-prime-statistics>
    <version-unsupported-statistics>
      <version-unsupported-received>
        version-unsupported-received
      </version-unsupported-received>
      <version-unsupported-transmitted>
        version-unsupported-transmitted
      </version-unsupported-transmitted>
    </version-unsupported-statistics>
  </gtp-prime-statistics>
</gtp-prime-statistics-information>

```

```
</gtp-prime-statistics>
</gtp-prime-statistics-information>
```

Description Version unsupported message information

<weighted-pdp-context-load>

Usage

```
<ggsn-statistics>
  <weighted-pdp-context-load>
    <weighted-pdp-context-load-in-control>
      weighted-pdp-context-load-in-control
    </weighted-pdp-context-load-in-control>
    <weighted-pdp-context-load-in-payload>
      weighted-pdp-context-load-in-payload
    </weighted-pdp-context-load-in-payload>
  </weighted-pdp-context-load>
</ggsn-statistics>
```

Description

Summary of GRES Test Point Response Tags

<actions>

Usage

```
<test-point>
  <actions>
    <trigger-after>
      trigger-after
    </trigger-after>
    <delay>
      delay
    </delay>
    <trigger-count>
      trigger-count
    </trigger-count>
    <hold-database>
      hold-database
    </hold-database>
    <kernel-panic>
      kernel-panic
    </kernel-panic>
    <daemon-restart>
      daemon-restart
    </daemon-restart>
  </actions>
</test-point>
```

Description

<actions>**Usage**

```

<gres-test-point-list>
<test-point>
  <actions>
    <trigger-after>
      trigger-after
    </trigger-after>
    <delay>
      delay
    </delay>
    <trigger-count>
      trigger-count
    </trigger-count>
    <hold-database>
      hold-database
    </hold-database>
    <kernel-panic>
      kernel-panic
    </kernel-panic>
    <daemon-restart>
      daemon-restart
    </daemon-restart>
  </actions>
</test-point>
</gres-test-point-list>

```

Description**<actions>****Usage**

```

<gres-test-point-information>
<gres-test-point-list>
<test-point>
  <actions>
    <trigger-after>
      trigger-after
    </trigger-after>
    <delay>
      delay
    </delay>
    <trigger-count>
      trigger-count
    </trigger-count>
    <hold-database>
      hold-database
    </hold-database>
    <kernel-panic>
      kernel-panic
    </kernel-panic>
    <daemon-restart>
      daemon-restart
    </daemon-restart>
  </actions>
</test-point>
</gres-test-point-list>

```

```
</actions>
</test-point>
</gres-test-point-list>
</gres-test-point-information>
```

Description**<gres-test-point-error>****Usage**

```
<gres-test-point-error>
<message>
  message
</message>
</gres-test-point-error>
```

Description Command failure message

<gres-test-point-error>**Usage**

```
<gres-test-point-information>
<gres-test-point-error>
<message>
  message
</message>
</gres-test-point-error>
</gres-test-point-information>
```

Description Command failure message

<gres-test-point-information>**Usage**

```
<gres-test-point-information>
<gres-test-point-list>....</gres-test-point-list>
<gres-test-point-error>....</gres-test-point-error>
</gres-test-point-information>
```

Description**<gres-test-point-list>****Usage**

```
<gres-test-point-list>
<test-point>....</test-point>
</gres-test-point-list>
```

Description Test point information

<gres-test-point-list>

Usage

```
<gres-test-point-information>
  <gres-test-point-list>
    <test-point>....</test-point>
  </gres-test-point-list>
</gres-test-point-information>
```

Description Test point information

<test-point>

Usage

```
<test-point>
  <id>
    id
  </id>
  <description>
    description
  </description>
  <state>
    state
  </state>
  <hit-count>
    hit-count
  </hit-count>
  <actions>....</actions>
</test-point>
```

Description Test point instance

<test-point>

Usage

```
<gres-test-point-list>
  <test-point>
    <id>
      id
    </id>
    <description>
      description
    </description>
    <state>
      state
    </state>
    <hit-count>
      hit-count
    </hit-count>
    <actions>....</actions>
  </test-point>
```

</gres-test-point-list>

Description Test point instance

<test-point>

Usage

```
<gres-test-point-information>
  <gres-test-point-list>
    <test-point>
      <id>
        id
      </id>
      <description>
        description
      </description>
      <state>
        state
      </state>
      <hit-count>
        hit-count
      </hit-count>
      <actions>....</actions>
    </test-point>
  </gres-test-point-list>
</gres-test-point-information>
```

Description Test point instance

Summary of UDP Forwarding Helper Response Tags

<helper-statistics-information>

Usage

```
<helper-statistics-information>
  <helper-statistics-service-information>....</helper-statistics-service-information>

</helper-statistics-information>
```

Description Port forwarding helper statistics

<helper-statistics-service-information>

Usage

```
<helper-statistics-information>
  <helper-statistics-service-information>
    <service-name>
      service-name
    </service-name>
    <received-packets>
      received-packets
  </helper-statistics-service-information>
</helper-statistics-information>
```

```
</received-packets>
<forwarded-packets>
  forwarded-packets
</forwarded-packets>
<dropped-packets>
  dropped-packets
</dropped-packets>
<dropped-packets-nointerface>
  dropped-packets-nointerface
</dropped-packets-nointerface>
<dropped-packets-nortinst>
  dropped-packets-nortinst
</dropped-packets-nortinst>
<dropped-packets-badread>
  dropped-packets-badread
</dropped-packets-badread>
<dropped-packets-badsend>
  dropped-packets-badsend
</dropped-packets-badsend>
<dropped-packets-badaddr>
  dropped-packets-badaddr
</dropped-packets-badaddr>
<dropped-packets-nolocaladdr>
  dropped-packets-nolocaladdr
</dropped-packets-nolocaladdr>
<dropped-packets-noroute>
  dropped-packets-noroute
</dropped-packets-noroute>
</helper-statistics-service-information>
</helper-statistics-information>
```

Description Port forwarding helper statistics for a particular service

Summary of ICCP Response Tags

<iccp-client>

Usage

```
<iccp-information>
  <iccp-client>
    <client-name>
      client-name
    </client-name>
    <client-rg-groups>
      client-rg-groups
    </client-rg-groups>
  </iccp-client>
</iccp-information>
```

Description

<iccp-information>

Usage

```
<iccp-information>
  <iccp-peer>....</iccp-peer>
  <iccp-client>....</iccp-client>
</iccp-information>
```

Description Information about ICCP state

<iccp-peer>

Usage

```
<iccp-information>
  <iccp-peer>
    <peer-address>
      peer-address
    </peer-address>
    <peer-conn-state-information>....</peer-conn-state-information>
    <rg-groups>....</rg-groups>
  </iccp-peer>
</iccp-information>
```

Description

<peer-conn-state>

Usage

```
<peer-conn-state>
  <peer-conn-tcp-state>
    peer-conn-tcp-state
  </peer-conn-tcp-state>
  <peer-conn-bfd-state>
    peer-conn-bfd-state
  </peer-conn-bfd-state>
</peer-conn-state>
```

Description

<peer-conn-state>

Usage

```
<iccp-information>
  <iccp-peer>
    <peer-conn-state-information>
      <peer-conn-state>
        <peer-conn-tcp-state>
          peer-conn-tcp-state
        </peer-conn-tcp-state>
        <peer-conn-bfd-state>
          peer-conn-bfd-state
        </peer-conn-bfd-state>
      </peer-conn-state>
    </peer-conn-state-information>
  </iccp-peer>
</iccp-information>
```

```

    </peer-conn-state>
  </peer-conn-state-information>
</iccp-peer>
</iccp-information>

```

Description

<peer-conn-state-information>

Usage

```

<iccp-information>
  <iccp-peer>
    <peer-conn-state-information>
      <peer-conn-state>....</peer-conn-state>
    </peer-conn-state-information>
  </iccp-peer>
</iccp-information>

```

Description Peer Connection State

<rg-group-entry>

Usage

```

<rg-group-entry>
  <redundancy-group>
    redundancy-group
  </redundancy-group>
  <rg-state>
    rg-state
  </rg-state>
</rg-group-entry>

```

Description Information about a particular ICCP Redundancy Group

<rg-group-entry>

Usage

```

<iccp-information>
  <iccp-peer>
    <rg-groups>
      <rg-group-entry>
        <redundancy-group>
          redundancy-group
        </redundancy-group>
        <rg-state>
          rg-state
        </rg-state>
      </rg-group-entry>
    </rg-groups>
  </iccp-peer>
</iccp-information>

```

Description Information about a particular ICCP Redundancy Group

<rg-groups>

Usage

```
<iccp-information>
  <iccp-peer>
    <rg-groups>
      <rg-group-entry>....</rg-group-entry>
    </rg-groups>
  </iccp-peer>
</iccp-information>
```

Description Redundancy Group Information configured for this peer

Summary of IDP Response Tags

<clear-idp-ssl-session-cache-information>

Usage

```
<clear-idp-ssl-session-cache-information>
  <cleared-ssl-session-cache-count>
    cleared-ssl-session-cache-count
  </cleared-ssl-session-cache-count>
</clear-idp-ssl-session-cache-information>
```

Description Information about cleared SSL session cache entries

<get-idp-addos-application-information>

Usage

```
<get-idp-addos-application-information>
  <idp-addos-application>....</idp-addos-application>
</get-idp-addos-application-information>
```

Description Show IDP DDOS Application information

<get-idp-ssl-session-cache-information>

Usage

```
<get-idp-ssl-session-cache-information>
  <idp-ssl-session-cache-count>
    idp-ssl-session-cache-count
  </idp-ssl-session-cache-count>
  <idp-ssl-session-cache-entry>....</idp-ssl-session-cache-entry>
</get-idp-ssl-session-cache-information>
```

Description Information about SSL session cache table

<idp-addos-application>**Usage**

```

<get-idp-addos-application-information>
  <idp-addos-application>
    <to-zone>
      to-zone
    </to-zone>
    <destination-address>
      destination-address
    </destination-address>
    <ddos-application>
      ddos-application
    </ddos-application>
    <connections-per-sec>
      connections-per-sec
    </connections-per-sec>
    <ddos-context>
      ddos-context
    </ddos-context>
    <contexts-per-tick>
      contexts-per-tick
    </contexts-per-tick>
    <context-value>
      context-value
    </context-value>
    <context-values-per-tick>
      context-values-per-tick
    </context-values-per-tick>
  </idp-addos-application>
</get-idp-addos-application-information>

```

Description**<idp-anomaly>****Usage**

```

<idp-anomaly-list>
  <idp-anomaly>
    <attack-service-name>
      attack-service-name
    </attack-service-name>
    <service-id>
      service-id
    </service-id>
    <attack-name>
      attack-name
    </attack-name>
    <attack-id>
      attack-id
    </attack-id>
  </idp-anomaly>
</idp-anomaly-list>

```

Description

<idp-anomaly-list>

Usage

```
<idp-anomaly-list>
  <idp-anomaly>....</idp-anomaly>
</idp-anomaly-list>
```

Description

<idp-application-statistics>

Usage

```
<idp-application-statistics-information>
  <idp-application-statistics>
    <name>
      name
    </name>
    <value>
      value
    </value>
  </idp-application-statistics>
</idp-application-statistics-information>
```

Description

<idp-application-statistics-information>

Usage

```
<idp-application-statistics-information>
  <idp-application-statistics>....</idp-application-statistics>
</idp-application-statistics-information>
```

Description

<idp-application-system-cache-information>

Usage

```
<idp-application-system-cache-information>
  <idp-application-system-cache-pic>....</idp-application-system-cache-pic>
</idp-application-system-cache-information>
```

Description

<idp-application-system-cache-pic>

Usage

```
<idp-application-system-cache-information>
  <idp-application-system-cache-pic>
    <pic-name>
      pic-name
    </pic-name>
  </idp-application-system-cache-pic>
```



```
<idp-application-system-cache-statistics>....</idp-application-system-cache-statistics>
```

```
</idp-application-system-cache-pic>
</idp-application-system-cache-information>
```

Description

<idp-application-system-cache-statistics>

Usage

```
<idp-application-system-cache-information>
<idp-application-system-cache-pic>
  <idp-application-system-cache-statistics>
    <virtual-system-identifier>
      virtual-system-identifier
    </virtual-system-identifier>
    <ip-address>
      ip-address
    </ip-address>
    <ipv6-address>
      ipv6-address
    </ipv6-address>
    <port>
      port
    </port>
    <protocol>
      protocol
    </protocol>
    <idp-service>
      idp-service
    </idp-service>
    <idp-application>
      idp-application
    </idp-application>
  </idp-application-system-cache-statistics>
</idp-application-system-cache-pic>
</idp-application-system-cache-information>
```

Description

<idp-attack-groups>

Usage

```
<idp-predefined-attack-groups>
  <idp-attack-groups>
    <name>
      name
    </name>
  </idp-attack-groups>
</idp-predefined-attack-groups>
```

Description

<idp-attack-information>

Usage

```
<idp-attack-information>
  <idp-attack-statistics>....</idp-attack-statistics>
</idp-attack-information>
```

Description

<idp-attack-statistics>

Usage

```
<idp-attack-information>
  <idp-attack-statistics>
    <name>
      name
    </name>
    <value>
      value
    </value>
  </idp-attack-statistics>
</idp-attack-information>
```

Description

<idp-attacks-list>

Usage

```
<idp-predefined-attacks>
  <idp-attacks-list>
    <name>
      name
    </name>
  </idp-attacks-list>
</idp-predefined-attacks>
```

Description

<idp-cache-aggregate-statistics>

Usage

```
<idp-cache-statistics>
  <idp-cache-aggregate-statistics>
    <total-memory-used>
      total-memory-used
    </total-memory-used>
    <cache-entries>
      cache-entries
    </cache-entries>
    <single-rules>
      single-rules
    </single-rules>
    <multiple-rules>
```

```

        multiple-rules
      </multiple-rules>
    </idp-cache-aggregate-statistics>
  </idp-cache-statistics>

```

Description

<idp-cache-rule>

Usage

```

<idp-cache-statistics>
  <idp-cache-rule-statistics>
    <idp-cache-rule>
      <rule-pointer>
        rule-pointer
      </rule-pointer>
      <rule-number>
        rule-number
      </rule-number>
      <idp-service>
        idp-service
      </idp-service>
      <protocol>
        protocol
      </protocol>
      <direction>
        direction
      </direction>
      <auxiliary-flow>
        auxiliary-flow
      </auxiliary-flow>
      <line-separator>
        line-separator
      </line-separator>
      <memory-bytes>
        memory-bytes
      </memory-bytes>
    </idp-cache-rule>
  </idp-cache-rule-statistics>
</idp-cache-statistics>

```

Description

<idp-cache-rule-statistics>

Usage

```

<idp-cache-statistics>
  <idp-cache-rule-statistics>
    <idp-cache-rule>....</idp-cache-rule>
  </idp-cache-rule-statistics>
</idp-cache-statistics>

```

Description

<idp-cache-service>

Usage

```
<idp-cache-statistics>
  <idp-cache-service-memory-statistics>
    <idp-cache-service>
      <idp-service>
        idp-service
      </idp-service>
      <memory-in-kb>
        memory-in-kb
      </memory-in-kb>
    </idp-cache-service>
  </idp-cache-service-memory-statistics>
</idp-cache-statistics>
```

Description

<idp-cache-service-memory-statistics>

Usage

```
<idp-cache-statistics>
  <idp-cache-service-memory-statistics>
    <idp-cache-service>....</idp-cache-service>
  </idp-cache-service-memory-statistics>
</idp-cache-statistics>
```

Description

<idp-cache-statistics>

Usage

```
<idp-cache-statistics>
  <idp-cache-rule-statistics>....</idp-cache-rule-statistics>
  <idp-cache-service-memory-statistics>....</idp-cache-service-memory-statistics>

  <idp-cache-aggregate-statistics>....</idp-cache-aggregate-statistics>
</idp-cache-statistics>
```

Description

<idp-context-list>

Usage

```
<idp-context-list>
  <idp-contexts>....</idp-contexts>
</idp-context-list>
```

Description

<idp-contexts>

Usage

```
<idp-context-list>
  <idp-contexts>
    <service-name>
      service-name
    </service-name>
    <context-name>
      context-name
    </context-name>
    <offset-id>
      offset-id
    </offset-id>
    <context-direction>
      context-direction
    </context-direction>
  </idp-contexts>
</idp-context-list>
```

Description

<idp-counter-information>

Usage

```
<idp-counter-information>
  <idp-counter-statistics>....</idp-counter-statistics>
</idp-counter-information>
```

Description

<idp-counter-statistics>

Usage

```
<idp-counter-information>
  <idp-counter-statistics>
    <name>
      name
    </name>
    <value>
      value
    </value>
  </idp-counter-statistics>
</idp-counter-information>
```

Description

<idp-detail-status-information>

Usage

```
<idp-detail-status-information>

<idp-status-detail-per-spu-information>....</idp-status-detail-per-spu-information>
```

</idp-detail-status-information>

Description IDP detail status information

<idp-icmp-flow-count>

Usage

```
<idp-status-information>
  <idp-icmp-flow-count>
    <current-icmp-flow-count>
      current-icmp-flow-count
    </current-icmp-flow-count>
    <maximum-icmp-flow-count>
      maximum-icmp-flow-count
    </maximum-icmp-flow-count>
    <maximum-icmp-flow-count-time>
      maximum-icmp-flow-count-time
    </maximum-icmp-flow-count-time>
    <date-time>
      date-time
    </date-time>
  </idp-icmp-flow-count>
</idp-status-information>
```

Description

<idp-kbits-per-second-information>

Usage

```
<idp-status-information>
  <idp-kbits-per-second-information>
    <idp-kbits-per-second>
      idp-kbits-per-second
    </idp-kbits-per-second>
    <idp-peak-kbits-per-second>
      idp-peak-kbits-per-second
    </idp-peak-kbits-per-second>
    <date-time>
      date-time
    </date-time>
  </idp-kbits-per-second-information>
</idp-status-information>
```

Description

<idp-kbits-spu-per-second-information>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-kbits-spu-per-second-information>
      <idp-kbits-per-second>
        idp-kbits-per-second
      </idp-kbits-per-second>
    </idp-kbits-spu-per-second-information>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

```

</idp-kbits-per-second>
<idp-peak-kbits-per-second>
  idp-peak-kbits-per-second
</idp-peak-kbits-per-second>
<date-time>
  date-time
</date-time>
</idp-kbits-spu-per-second-information>
</idp-status-detail-per-spu-information>
</idp-detail-status-information>

```

Description

<idp-latency>

Usage

```

<idp-status-information>
  <idp-latency>
    <minimum-latency-time>
      minimum-latency-time
    </minimum-latency-time>
    <maximum-latency-time>
      maximum-latency-time
    </maximum-latency-time>
    <average-latency-time>
      average-latency-time
    </average-latency-time>
  </idp-latency>
</idp-status-information>

```

Description

<idp-memory-information>

Usage

```

<idp-memory-information>
  <idp-memory-per-spu-information>....</idp-memory-per-spu-information>
</idp-memory-information>

```

Description

<idp-memory-per-spu-information>

Usage

```

<idp-memory-information>
  <idp-memory-per-spu-information>
    <pic-name>
      pic-name
    </pic-name>
    <total-idp-data-plane-memory-in-mb>
      total-idp-data-plane-memory-in-mb
    </total-idp-data-plane-memory-in-mb>
    <total-idp-data-plane-memory-used-in-mb>
      total-idp-data-plane-memory-used-in-mb

```

```
</total-idp-data-plane-memory-used-in-mb>
<total-idp-data-plane-memory-used-in-kb>
  total-idp-data-plane-memory-used-in-kb
</total-idp-data-plane-memory-used-in-kb>
<total-idp-data-plane-memory-used-in-percentage>
  total-idp-data-plane-memory-used-in-percentage
</total-idp-data-plane-memory-used-in-percentage>
<total-idp-data-plane-memory-available-in-mb>
  total-idp-data-plane-memory-available-in-mb
</total-idp-data-plane-memory-available-in-mb>
<total-idp-data-plane-memory-available-in-kb>
  total-idp-data-plane-memory-available-in-kb
</total-idp-data-plane-memory-available-in-kb>
<total-idp-data-plane-memory-available-in-percentage>
  total-idp-data-plane-memory-available-in-percentage
</total-idp-data-plane-memory-available-in-percentage>
</idp-memory-per-spu-information>
</idp-memory-information>
```

Description

<idp-mode>

Usage

```
<idp-mode>
  <idp-forwarding-process-mode>
    idp-forwarding-process-mode
  </idp-forwarding-process-mode>
</idp-mode>
```

Description

<idp-other-flow-count>

Usage

```
<idp-status-information>
  <idp-other-flow-count>
    <current-other-flow-count>
      current-other-flow-count
    </current-other-flow-count>
    <maximum-other-flow-count>
      maximum-other-flow-count
    </maximum-other-flow-count>
    <maximum-other-flow-count-time>
      maximum-other-flow-count-time
    </maximum-other-flow-count-time>
    <date-time>
      date-time
    </date-time>
  </idp-other-flow-count>
</idp-status-information>
```

Description

<idp-packet-count>**Usage**

```

<idp-status-information>
  <idp-packet-count>
    <icmp-packet-count>
      icmp-packet-count
    </icmp-packet-count>
    <tcp-packet-count>
      tcp-packet-count
    </tcp-packet-count>
    <udp-packet-count>
      udp-packet-count
    </udp-packet-count>
    <other-packet-count>
      other-packet-count
    </other-packet-count>
  </idp-packet-count>
</idp-status-information>

```

Description**<idp-packets-per-second-information>****Usage**

```

<idp-status-information>
  <idp-packets-per-second-information>
    <idp-packets-per-second>
      idp-packets-per-second
    </idp-packets-per-second>
    <idp-peak-packets-per-second>
      idp-peak-packets-per-second
    </idp-peak-packets-per-second>
    <date-time>
      date-time
    </date-time>
  </idp-packets-per-second-information>
</idp-status-information>

```

Description**<idp-packets-spu-per-second-information>****Usage**

```

<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-packets-spu-per-second-information>
      <idp-packets-per-second>
        idp-packets-per-second
      </idp-packets-per-second>
      <idp-peak-packets-per-second>
        idp-peak-packets-per-second
      </idp-peak-packets-per-second>
      <date-time>

```

```
        date-time
      </date-time>
    </idp-packets-spu-per-second-information>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description**<idp-policy>****Usage**

```
<idp-policy>
  <policy-load-templates>....</policy-load-templates>
</idp-policy>
```

Description**<idp-policy-commit-status>****Usage**

```
<idp-policy-commit-status>
  <policy-commit-status-detail>
    policy-commit-status-detail
  </policy-commit-status-detail>
</idp-policy-commit-status>
```

Description Status of ongoing policy compilation and load

<idp-policy-list-entry>**Usage**

```
<idp-subscriber-policy-list>
  <idp-subscriber-policy-per-pic-information>
    <idp-policy-list-entry>
      <id>
        id
      </id>
      <policy-name>
        policy-name
      </policy-name>
      <sessions>
        sessions
      </sessions>
      <memory>
        memory
      </memory>
      <idp-detector-versions>
        idp-detector-versions
      </idp-detector-versions>
    </idp-policy-list-entry>
  </idp-subscriber-policy-per-pic-information>
</idp-subscriber-policy-list>
```

Description Information about policy list entry

<idp-predefined-attack-groups>

Usage

```
<idp-predefined-attack-groups>
  <idp-attack-groups>....</idp-attack-groups>
</idp-predefined-attack-groups>
```

Description IDP predefined-attack-groups list

<idp-predefined-attacks>

Usage

```
<idp-predefined-attacks>
  <idp-attacks-list>....</idp-attacks-list>
</idp-predefined-attacks>
```

Description IDP predefined-attacks list

<idp-protocol-list>

Usage

```
<idp-protocol-list>
  <idp-protocols>....</idp-protocols>
</idp-protocol-list>
```

Description

<idp-protocols>

Usage

```
<idp-protocol-list>
  <idp-protocols>
    <protocol-name>
      protocol-name
    </protocol-name>
    <protocol-type>
      protocol-type
    </protocol-type>
    <port-number>
      port-number
    </port-number>
    <line-seperator>
      line-seperator
    </line-seperator>
    <scope>
      scope
    </scope>
  </idp-protocols>
</idp-protocol-list>
```

Description**<idp-qmodule>****Usage**

```
<idp-qmodule-information>
  <idp-qmodule>
    <name>
      name
    </name>
    <minimum-time>
      minimum-time
    </minimum-time>
    <maximum-time>
      maximum-time
    </maximum-time>
    <average-time>
      average-time
    </average-time>
    <number-of-packets>
      number-of-packets
    </number-of-packets>
    <number-of-packets-dropped>
      number-of-packets-dropped
    </number-of-packets-dropped>
    <number-of-error-packets>
      number-of-error-packets
    </number-of-error-packets>
  </idp-qmodule>
</idp-qmodule-information>
```

Description IDP q-module

<idp-qmodule-information>**Usage**

```
<idp-qmodule-information>
  <idp-qmodule>....</idp-qmodule>
</idp-qmodule-information>
```

Description IDP Q-Module information

<idp-recent-security-package-information>**Usage**

```
<idp-recent-security-package-information>
  <recent-security-package-version>
    recent-security-package-version
  </recent-security-package-version>
</idp-recent-security-package-information>
```

Description Information about last ten security db versions

<idp-rule-information>**Usage**

```

<idp-rule-information>
  <idp-rule-name>
    idp-rule-name
  </idp-rule-name>
  <idp-rulebase-type>....</idp-rulebase-type>
</idp-rule-information>

```

Description**<idp-rule-information>****Usage**

```

<idp-rulebase>
  <idp-rule-information>
    <idp-rule-name>
      idp-rule-name
    </idp-rule-name>
    <idp-rulebase-type>....</idp-rulebase-type>
  </idp-rule-information>
</idp-rulebase>

```

Description**<idp-rulebase>****Usage**

```

<idp-rulebase>
  <idp-rule-information>....</idp-rule-information>
</idp-rulebase>

```

Description**<idp-rulebase-type>****Usage**

```

<idp-rulebase-type>
  <idp-rulebase-type-name>
    idp-rulebase-type-name
  </idp-rulebase-type-name>
  <number-of-rules>
    number-of-rules
  </number-of-rules>
</idp-rulebase-type>

```

Description IDP rulebase type

<idp-rulebase-type>

Usage

```
<idp-rule-information>
  <idp-rulebase-type>
    <idp-rulebase-type-name>
      idp-rulebase-type-name
    </idp-rulebase-type-name>
    <number-of-rules>
      number-of-rules
    </number-of-rules>
  </idp-rulebase-type>
</idp-rule-information>
```

Description IDP rulebase type

<idp-rulebase-type>

Usage

```
<idp-rulebase>
  <idp-rule-information>
    <idp-rulebase-type>
      <idp-rulebase-type-name>
        idp-rulebase-type-name
      </idp-rulebase-type-name>
      <number-of-rules>
        number-of-rules
      </number-of-rules>
    </idp-rulebase-type>
  </idp-rule-information>
</idp-rulebase>
```

Description IDP rulebase type

<idp-security-package-information>

Usage

```
<idp-security-package-information>
  <security-package-version>
    security-package-version
  </security-package-version>
  <detector-version>
    detector-version
  </detector-version>
  <policy-template-version>
    policy-template-version
  </policy-template-version>
</idp-security-package-information>
```

Description

<idp-session>**Usage**

```

<idp-session-information>
  <idp-session>
    <session-identifier>
      session-identifier
    </session-identifier>
    <source-address>
      source-address
    </source-address>
    <source-port>
      source-port
    </source-port>
    <destination-address>
      destination-address
    </destination-address>
    <destination-port>
      destination-port
    </destination-port>
    <from-zone>
      from-zone
    </from-zone>
    <to-zone>
      to-zone
    </to-zone>
    <protocol>
      protocol
    </protocol>
    <idp-service>
      idp-service
    </idp-service>
    <fw-service>
      fw-service
    </fw-service>
    <timeout>
      timeout
    </timeout>
    <maximum-timeout>
      maximum-timeout
    </maximum-timeout>
  </idp-session>
</idp-session-information>

```

Description IDP session

<idp-session-count>**Usage**

```

<idp-status-information>
  <idp-session-count>
    <icmp-session-count>
      icmp-session-count
    </icmp-session-count>

```

```
<tcp-session-count>
  tcp-session-count
</tcp-session-count>
<udp-session-count>
  udp-session-count
</udp-session-count>
<other-session-count>
  other-session-count
</other-session-count>
</idp-session-count>
</idp-status-information>
```

Description**<idp-session-information>****Usage**

```
<idp-session-information>
  <idp-session>....</idp-session>
</idp-session-information>
```

Description IDP Session information

<idp-session-summary-information>**Usage**

```
<idp-session-summary-information>

<idp-session-summary-per-pic-information>....</idp-session-summary-per-pic-information>

  <total-sessions>
    total-sessions
  </total-sessions>
</idp-session-summary-information>
```

Description Summary information for IDP sessions

<idp-session-summary-per-pic-information>**Usage**

```
<idp-session-summary-information>
  <idp-session-summary-per-pic-information>
    <pic-name>
      pic-name
    </pic-name>
    <maximum-sessions>
      maximum-sessions
    </maximum-sessions>
    <active-sessions>
      active-sessions
    </active-sessions>
  </idp-session-summary-per-pic-information>
```



```
</idp-session-summary-information>
```

Description IDP session summary per PIC information

<idp-spu-icmp-flow-count>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-icmp-flow-count>
      <current-icmp-flow-count>
        current-icmp-flow-count
      </current-icmp-flow-count>
      <maximum-icmp-flow-count>
        maximum-icmp-flow-count
      </maximum-icmp-flow-count>
      <maximum-icmp-flow-count-time>
        maximum-icmp-flow-count-time
      </maximum-icmp-flow-count-time>
      <date-time>
        date-time
      </date-time>
    </idp-spu-icmp-flow-count>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-spu-latency>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-latency>
      <minimum-latency-time>
        minimum-latency-time
      </minimum-latency-time>
      <maximum-latency-time>
        maximum-latency-time
      </maximum-latency-time>
      <average-latency-time>
        average-latency-time
      </average-latency-time>
    </idp-spu-latency>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-spu-other-flow-count>

Usage

```
<idp-detail-status-information>
```

```
<idp-status-detail-per-spu-information>
  <idp-spu-other-flow-count>
    <current-other-flow-count>
      current-other-flow-count
    </current-other-flow-count>
    <maximum-other-flow-count>
      maximum-other-flow-count
    </maximum-other-flow-count>
    <maximum-other-flow-count-time>
      maximum-other-flow-count-time
    </maximum-other-flow-count-time>
    <date-time>
      date-time
    </date-time>
  </idp-spu-other-flow-count>
</idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-spu-packet-count>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-packet-count>
      <icmp-packet-count>
        icmp-packet-count
      </icmp-packet-count>
      <tcp-packet-count>
        tcp-packet-count
      </tcp-packet-count>
      <udp-packet-count>
        udp-packet-count
      </udp-packet-count>
      <other-packet-count>
        other-packet-count
      </other-packet-count>
    </idp-spu-packet-count>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-spu-session-count>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-session-count>
      <icmp-session-count>
        icmp-session-count
      </icmp-session-count>
      <tcp-session-count>
```

```

        tcp-session-count
      </tcp-session-count>
    <udp-session-count>
      udp-session-count
    </udp-session-count>
    <other-session-count>
      other-session-count
    </other-session-count>
  </idp-spu-session-count>
</idp-status-detail-per-spu-information>
</idp-detail-status-information>

```

Description

<idp-spu-ssl-session-information>

Usage

```

<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-ssl-session-information>
      <ssl-session-count>
        ssl-session-count
      </ssl-session-count>
    </idp-spu-ssl-session-information>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>

```

Description

<idp-spu-tcp-flow-count>

Usage

```

<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-tcp-flow-count>
      <current-tcp-flow-count>
        current-tcp-flow-count
      </current-tcp-flow-count>
      <maximum-tcp-flow-count>
        maximum-tcp-flow-count
      </maximum-tcp-flow-count>
      <maximum-tcp-flow-count-time>
        maximum-tcp-flow-count-time
      </maximum-tcp-flow-count-time>
      <date-time>
        date-time
      </date-time>
    </idp-spu-tcp-flow-count>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>

```

Description

<idp-spu-udp-flow-count>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-udp-flow-count>
      <current-udp-flow-count>
        current-udp-flow-count
      </current-udp-flow-count>
      <maximum-udp-flow-count>
        maximum-udp-flow-count
      </maximum-udp-flow-count>
      <maximum-udp-flow-count-time>
        maximum-udp-flow-count-time
      </maximum-udp-flow-count-time>
      <date-time>
        date-time
      </date-time>
    </idp-spu-udp-flow-count>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-spu-uptime>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-uptime>
      <pic-name>
        pic-name
      </pic-name>
      <idp-status>
        idp-status
      </idp-status>
      <date-time>
        date-time
      </date-time>
      <time-length>
        time-length
      </time-length>
    </idp-spu-uptime>
  </idp-status-detail-per-spu-information>
</idp-detail-status-information>
```

Description

<idp-ssl-key-information>

Usage

```
<idp-ssl-key-information>
  <idp-ssl-key-count>
    idp-ssl-key-count
```

```

</idp-ssl-key-count>
<idp-ssl-per-key-information>....</idp-ssl-per-key-information>
</idp-ssl-key-information>

```

Description Show SSL keys and server addresses

<idp-ssl-per-key-information>

Usage

```

<idp-ssl-key-information>
  <idp-ssl-per-key-information>
    <key-name>
      key-name
    </key-name>
    <destination-address>
      destination-address
    </destination-address>
  </idp-ssl-per-key-information>
</idp-ssl-key-information>

```

Description

<idp-ssl-session-cache-entry>

Usage

```

<get-idp-ssl-session-cache-information>
  <idp-ssl-session-cache-entry>
    <ssl-session-identifier>
      ssl-session-identifier
    </ssl-session-identifier>
  </idp-ssl-session-cache-entry>
</get-idp-ssl-session-cache-information>

```

Description Information about SSL session cache entry

<idp-ssl-session-information>

Usage

```

<idp-status-information>
  <idp-ssl-session-information>
    <ssl-session-count>
      ssl-session-count
    </ssl-session-count>
  </idp-ssl-session-information>
</idp-status-information>

```

Description

<idp-status-detail-per-spu-information>

Usage

```
<idp-detail-status-information>
  <idp-status-detail-per-spu-information>
    <idp-spu-uptime>....</idp-spu-uptime>

    <idp-packets-spu-per-second-information>....</idp-packets-spu-per-second-information>

    <idp-kbits-spu-per-second-information>....</idp-kbits-spu-per-second-information>
      <idp-spu-latency>....</idp-spu-latency>
      <idp-spu-packet-count>....</idp-spu-packet-count>
      <idp-spu-icmp-flow-count>....</idp-spu-icmp-flow-count>
      <idp-spu-tcp-flow-count>....</idp-spu-tcp-flow-count>
      <idp-spu-udp-flow-count>....</idp-spu-udp-flow-count>
      <idp-spu-other-flow-count>....</idp-spu-other-flow-count>
      <idp-spu-session-count>....</idp-spu-session-count>
      <idp-spu-ssl-session-information>....</idp-spu-ssl-session-information>
    </idp-status-detail-per-spu-information>
  </idp-detail-status-information>
```

Description IDP status per PIC information

<idp-status-information>

Usage

```
<idp-status-information>
  <idp-uptime>....</idp-uptime>
  <idp-packets-per-second-information>....</idp-packets-per-second-information>

  <idp-kbits-per-second-information>....</idp-kbits-per-second-information>
  <idp-latency>....</idp-latency>
  <idp-packet-count>....</idp-packet-count>
  <idp-icmp-flow-count>....</idp-icmp-flow-count>
  <idp-tcp-flow-count>....</idp-tcp-flow-count>
  <idp-udp-flow-count>....</idp-udp-flow-count>
  <idp-other-flow-count>....</idp-other-flow-count>
  <idp-session-count>....</idp-session-count>
  <idp-ssl-session-information>....</idp-ssl-session-information>
</idp-status-information>
```

Description IDP status information

<idp-subscriber-policy-list>

Usage

```
<idp-subscriber-policy-list>

  <idp-subscriber-policy-per-pic-information>....</idp-subscriber-policy-per-pic-information>
```

</idp-subscriber-policy-list>

Description Information about loaded policy lists

<idp-subscriber-policy-per-pic-information>

Usage

```
<idp-subscriber-policy-list>
  <idp-subscriber-policy-per-pic-information>
    <pic-name>
      pic-name
    </pic-name>
    <idp-policy-list-entry>....</idp-policy-list-entry>
  </idp-subscriber-policy-per-pic-information>
</idp-subscriber-policy-list>
```

Description IDP subscriber policy per pic information

<idp-tcp-flow-count>

Usage

```
<idp-status-information>
  <idp-tcp-flow-count>
    <current-tcp-flow-count>
      current-tcp-flow-count
    </current-tcp-flow-count>
    <maximum-tcp-flow-count>
      maximum-tcp-flow-count
    </maximum-tcp-flow-count>
    <maximum-tcp-flow-count-time>
      maximum-tcp-flow-count-time
    </maximum-tcp-flow-count-time>
    <date-time>
      date-time
    </date-time>
  </idp-tcp-flow-count>
</idp-status-information>
```

Description

<idp-udp-flow-count>

Usage

```
<idp-status-information>
  <idp-udp-flow-count>
    <current-udp-flow-count>
      current-udp-flow-count
    </current-udp-flow-count>
    <maximum-udp-flow-count>
      maximum-udp-flow-count
    </maximum-udp-flow-count>
    <maximum-udp-flow-count-time>
```

```
        maximum-udp-flow-count-time
      </maximum-udp-flow-count-time>
    <date-time>
      date-time
    </date-time>
  </idp-udp-flow-count>
</idp-status-information>
```

Description

<idp-uptime>

Usage

```
<idp-status-information>
  <idp-uptime>
    <idp-status>
      idp-status
    </idp-status>
    <date-time>
      date-time
    </date-time>
    <time-length>
      time-length
    </time-length>
  </idp-uptime>
</idp-status-information>
```

Description

<idp-version-information>

Usage

```
<idp-version-information>
  <idp-policy-name>
    idp-policy-name
  </idp-policy-name>
  <idp-detector-version>
    idp-detector-version
  </idp-detector-version>
  <idp-sigdb-version>
    idp-sigdb-version
  </idp-sigdb-version>
</idp-version-information>
```

Description

<policy-load-templates>

Usage

```
<idp-policy>
  <policy-load-templates>
    <desc>
      desc
    </desc>
```



```

    </policy-load-templates>
  </idp-policy>

```

Description**<request-idp-policy-load>****Usage**

```

<request-idp-policy-load>
  <idp-policy-load-result>
    idp-policy-load-result
  </idp-policy-load-result>
</request-idp-policy-load>

```

Description Show IDP security policy load information

<request-idp-ssl-key-add>**Usage**

```

<request-idp-ssl-key-add>
</request-idp-ssl-key-add>

```

Description Add SSL server and private key binding

<request-idp-ssl-key-delete>**Usage**

```

<request-idp-ssl-key-delete>
  <key-number>
    key-number
  </key-number>
  <server-number>
    server-number
  </server-number>
</request-idp-ssl-key-delete>

```

Description Delete SSL server and private key binding

<secpack-download-policy-template-file>**Usage**

```

<secpack-download-policy-template-file>
  <secpack-download-policy-template-file-detail>
    secpack-download-policy-template-file-detail
  </secpack-download-policy-template-file-detail>
</secpack-download-policy-template-file>

```

Description Current status of policy template file

<secpack-download-policy-template-result>

Usage

```
<secpack-download-policy-template-result>  
  <secpack-download-policy-template-detail>  
    secpack-download-policy-template-detail  
  </secpack-download-policy-template-detail>  
</secpack-download-policy-template-result>
```

Description Status of policy templates operation

<secpack-download-status>

Usage

```
<secpack-download-status>  
  <secpack-download-status-detail>  
    secpack-download-status-detail  
  </secpack-download-status-detail>  
</secpack-download-status>
```

Description Status of security package download

<secpack-update-policy-template-result>

Usage

```
<secpack-update-policy-template-result>  
  <secpack-update-policy-template-detail>  
    secpack-update-policy-template-detail  
  </secpack-update-policy-template-detail>  
</secpack-update-policy-template-result>
```

Description Status of policy templates operation

<secpack-update-status>

Usage

```
<secpack-update-status>  
  <secpack-status-detail>  
    secpack-status-detail  
  </secpack-status-detail>  
</secpack-update-status>
```

Description Status of security package install

Summary of Interface Metadata Response Tags

<channels>

Usage

```
<interface>
  <channels>
    <subunit>
      subunit
    </subunit>
  </channels>
</interface>
```

Description Channelized interface information

<channels>

Usage

```
<interface-metadata-information>
  <interface>
    <channels>
      <subunit>
        subunit
      </subunit>
    </channels>
  </interface>
</interface-metadata-information>
```

Description Channelized interface information

<interface>

Usage

```
<interface>
  <name>
    name
  </name>
  <long>
    long
  </long>
  <pics-per-slot>
    pics-per-slot
  </pics-per-slot>
  <ports-per-slot>
    ports-per-slot
  </ports-per-slot>
  <max-mtu>
    max-mtu
  </max-mtu>
  <flag>
    flag
  </flag>
```

```
<channels>....</channels>
<max-channelization>
  max-channelization
</max-channelization>
<product>
  product
</product>
</interface>
```

Description Information about an interface

<interface>

Usage

```
<interface-metadata-information>
  <interface>
    <name>
      name
    </name>
    <long>
      long
    </long>
    <pics-per-slot>
      pics-per-slot
    </pics-per-slot>
    <ports-per-slot>
      ports-per-slot
    </ports-per-slot>
    <max-mtu>
      max-mtu
    </max-mtu>
    <flag>
      flag
    </flag>
    <channels>....</channels>
    <max-channelization>
      max-channelization
    </max-channelization>
    <product>
      product
    </product>
  </interface>
</interface-metadata-information>
```

Description Information about an interface

<interface-metadata-information>

Usage

```
<interface-metadata-information>
  <interface>....</interface>
</interface-metadata-information>
```

Description Information on one or more interfaces

Summary of Interface Response Tags

<active-alarms>

Usage

```
<physical-interface>
  <active-alarms>
    <type>
      type
    </type>
    <interface-alarms>....</interface-alarms>
  </active-alarms>
</physical-interface>
```

Description

<active-alarms>

Usage

```
<physical-interface>
  <links>
    <link-entry>
      <active-alarms>
        <type>
          type
        </type>
        <interface-alarms>....</interface-alarms>
      </active-alarms>
    </link-entry>
  </links>
</physical-interface>
```

Description

<active-alarms>

Usage

```
<interface-information>
  <physical-interface>
    <active-alarms>
      <type>
        type
      </type>
      <interface-alarms>....</interface-alarms>
    </active-alarms>
  </physical-interface>
</interface-information>
```

Description

<active-alarms>

Usage

```
<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <active-alarms>
          <type>
            type
          </type>
          <interface-alarms>....</interface-alarms>
        </active-alarms>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>
```

Description

<active-alarms>

Usage

```
<interface-filter-information>
  <physical-interface>
    <active-alarms>
      <type>
        type
      </type>
      <interface-alarms>....</interface-alarms>
    </active-alarms>
  </physical-interface>
</interface-filter-information>
```

Description

<active-alarms>

Usage

```
<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <active-alarms>
          <type>
            type
          </type>
          <interface-alarms>....</interface-alarms>
        </active-alarms>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>
```

Description**<active-alarms>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <active-alarms>
      <type>
        type
      </type>
    <interface-alarms>....</interface-alarms>
  </active-alarms>
</physical-interface>
</interface-policer-information>

```

Description**<active-alarms>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <active-alarms>
          <type>
            type
          </type>
        <interface-alarms>....</interface-alarms>
      </active-alarms>
    </link-entry>
  </links>
</physical-interface>
</interface-policer-information>

```

Description**<active-alarms-otn>****Usage**

```

<physical-interface>
  <active-alarms-otn>
    <type-otn>
      type-otn
    </type-otn>
    <interface-alarms>....</interface-alarms>
  </active-alarms-otn>
</physical-interface>

```

Description

<active-alarms-otn>

Usage

```
<interface-information>
  <physical-interface>
    <active-alarms-otn>
      <type-otn>
        type-otn
      </type-otn>
      <interface-alarms>....</interface-alarms>
    </active-alarms-otn>
  </physical-interface>
</interface-information>
```

Description

<active-alarms-otn>

Usage

```
<interface-filter-information>
  <physical-interface>
    <active-alarms-otn>
      <type-otn>
        type-otn
      </type-otn>
      <interface-alarms>....</interface-alarms>
    </active-alarms-otn>
  </physical-interface>
</interface-filter-information>
```

Description

<active-alarms-otn>

Usage

```
<interface-policer-information>
  <physical-interface>
    <active-alarms-otn>
      <type-otn>
        type-otn
      </type-otn>
      <interface-alarms>....</interface-alarms>
    </active-alarms-otn>
  </physical-interface>
</interface-policer-information>
```

Description

<active-defects>

Usage

```
<physical-interface>
  <active-defects>
```



```

<type>
  type
</type>
<interface-alarms>....</interface-alarms>
</active-defects>
</physical-interface>

```

Description

<active-defects>

Usage

```

<physical-interface>
<links>
  <link-entry>
    <active-defects>
      <type>
        type
      </type>
      <interface-alarms>....</interface-alarms>
    </active-defects>
  </link-entry>
</links>
</physical-interface>

```

Description

<active-defects>

Usage

```

<interface-information>
<physical-interface>
  <active-defects>
    <type>
      type
    </type>
    <interface-alarms>....</interface-alarms>
  </active-defects>
</physical-interface>
</interface-information>

```

Description

<active-defects>

Usage

```

<interface-information>
<physical-interface>
<links>
  <link-entry>
    <active-defects>
      <type>
        type
      </type>

```

```
<interface-alarms>....</interface-alarms>
</active-defects>
</link-entry>
</links>
</physical-interface>
</interface-information>
```

Description

<active-defects>

Usage

```
<interface-filter-information>
<physical-interface>
  <active-defects>
    <type>
      type
    </type>
    <interface-alarms>....</interface-alarms>
  </active-defects>
</physical-interface>
</interface-filter-information>
```

Description

<active-defects>

Usage

```
<interface-filter-information>
<physical-interface>
  <links>
    <link-entry>
      <active-defects>
        <type>
          type
        </type>
        <interface-alarms>....</interface-alarms>
      </active-defects>
    </link-entry>
  </links>
</physical-interface>
</interface-filter-information>
```

Description

<active-defects>

Usage

```
<interface-policer-information>
<physical-interface>
  <active-defects>
    <type>
      type
    </type>
```

```

        <interface-alarms>....</interface-alarms>
    </active-defects>
</physical-interface>
</interface-policer-information>

```

Description

<active-defects>

Usage

```

<interface-policer-information>
<physical-interface>
<links>
  <link-entry>
    <active-defects>
      <type>
        type
      </type>
      <interface-alarms>....</interface-alarms>
    </active-defects>
  </link-entry>
</links>
</physical-interface>
</interface-policer-information>

```

Description

<active-defects-otn>

Usage

```

<physical-interface>
<active-defects-otn>
  <type-otn>
    type-otn
  </type-otn>
  <interface-alarms>....</interface-alarms>
</active-defects-otn>
</physical-interface>

```

Description

<active-defects-otn>

Usage

```

<interface-information>
<physical-interface>
<active-defects-otn>
  <type-otn>
    type-otn
  </type-otn>
  <interface-alarms>....</interface-alarms>
</active-defects-otn>
</physical-interface>

```

</interface-information>

Description

<active-defects-otn>

Usage

```
<interface-filter-information>
  <physical-interface>
    <active-defects-otn>
      <type-otn>
        type-otn
      </type-otn>
      <interface-alarms>....</interface-alarms>
    </active-defects-otn>
  </physical-interface>
</interface-filter-information>
```

Description

<active-defects-otn>

Usage

```
<interface-policer-information>
  <physical-interface>
    <active-defects-otn>
      <type-otn>
        type-otn
      </type-otn>
      <interface-alarms>....</interface-alarms>
    </active-defects-otn>
  </physical-interface>
</interface-policer-information>
```

Description

<address-family>

Usage

```
<address-family>
  <compression-device-name>
    compression-device-name
  </compression-device-name>
  <address-family-name>
    address-family-name
  </address-family-name>
  <multilink-bundle-name>
    multilink-bundle-name
  </multilink-bundle-name>
  <as-bundle-name>
    as-bundle-name
  </as-bundle-name>
  <ae-bundle-name>
    ae-bundle-name
</address-family>
```

```

</ae-bundle-name>
<es-sa-name>
  es-sa-name
</es-sa-name>
<es-sa-fail-count>
  es-sa-fail-count
</es-sa-fail-count>
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>

```

Description

<address-family>

Usage

```

<logical-interface>
  <address-family>
    <compression-device-name>
      compression-device-name
    </compression-device-name>
    <address-family-name>
      address-family-name
    </address-family-name>
    <multilink-bundle-name>
      multilink-bundle-name
    </multilink-bundle-name>
  </address-family>
</logical-interface>

```

```
<as-bundle-name>
  as-bundle-name
</as-bundle-name>
<ae-bundle-name>
  ae-bundle-name
</ae-bundle-name>
<es-sa-name>
  es-sa-name
</es-sa-name>
<es-sa-fail-count>
  es-sa-fail-count
</es-sa-fail-count>
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
```

Description

<address-family>

Usage

```
<physical-interface>
<logical-interface>
  <address-family>
    <compression-device-name>
      compression-device-name
```

```

</compression-device-name>
<address-family-name>
  address-family-name
</address-family-name>
<multilink-bundle-name>
  multilink-bundle-name
</multilink-bundle-name>
<as-bundle-name>
  as-bundle-name
</as-bundle-name>
<ae-bundle-name>
  ae-bundle-name
</ae-bundle-name>
<es-sa-name>
  es-sa-name
</es-sa-name>
<es-sa-fail-count>
  es-sa-fail-count
</es-sa-fail-count>
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>

```

Description

<address-family>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <compression-device-name>
          compression-device-name
        </compression-device-name>
        <address-family-name>
          address-family-name
        </address-family-name>
        <multilink-bundle-name>
          multilink-bundle-name
        </multilink-bundle-name>
        <as-bundle-name>
          as-bundle-name
        </as-bundle-name>
        <ae-bundle-name>
          ae-bundle-name
        </ae-bundle-name>
        <es-sa-name>
          es-sa-name
        </es-sa-name>
        <es-sa-fail-count>
          es-sa-fail-count
        </es-sa-fail-count>
        <es-sa-xmt-seq-num>
          es-sa-xmt-seq-num
        </es-sa-xmt-seq-num>
        <es-sa-recv-seq-num>
          es-sa-recv-seq-num
        </es-sa-recv-seq-num>
        <mtu>
          mtu
        </mtu>
        <maximum-labels>
          maximum-labels
        </maximum-labels>
        <address-family-flags>....</address-family-flags>
        <address-family-unnumbered>....</address-family-unnumbered>
        <arp-respond-any-local-address>
          arp-respond-any-local-address
        </arp-respond-any-local-address>
        <generation>
          generation
        </generation>
        <route-table>
          route-table
        </route-table>
        <filter-information>....</filter-information>
        <policer-information>....</policer-information>
        <interface-address>....</interface-address>
        <mac-validate-statistics>....</mac-validate-statistics>
```



```

<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<address-family>

Usage

```

<interface-information>
<logical-interface>
<address-family>
  <compression-device-name>
    compression-device-name
  </compression-device-name>
  <address-family-name>
    address-family-name
  </address-family-name>
  <multilink-bundle-name>
    multilink-bundle-name
  </multilink-bundle-name>
  <as-bundle-name>
    as-bundle-name
  </as-bundle-name>
  <ae-bundle-name>
    ae-bundle-name
  </ae-bundle-name>
  <es-sa-name>
    es-sa-name
  </es-sa-name>
  <es-sa-fail-count>
    es-sa-fail-count
  </es-sa-fail-count>
  <es-sa-xmt-seq-num>
    es-sa-xmt-seq-num
  </es-sa-xmt-seq-num>
  <es-sa-recv-seq-num>
    es-sa-recv-seq-num
  </es-sa-recv-seq-num>
  <mtu>
    mtu
  </mtu>
  <maximum-labels>
    maximum-labels
  </maximum-labels>
  <address-family-flags>....</address-family-flags>
  <address-family-unnumbered>....</address-family-unnumbered>
  <arp-respond-any-local-address>
    arp-respond-any-local-address
  </arp-respond-any-local-address>
  <generation>

```

```
    generation
  </generation>
  <route-table>
    route-table
  </route-table>
  <filter-information>....</filter-information>
  <policer-information>....</policer-information>
  <interface-address>....</interface-address>
  <mac-validate-statistics>....</mac-validate-statistics>
  <route-rpf-statistics>....</route-rpf-statistics>
  <destination-class-statistics>....</destination-class-statistics>
  <source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</interface-information>
```

Description

<address-family>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <address-family>
    <compression-device-name>
      compression-device-name
    </compression-device-name>
    <address-family-name>
      address-family-name
    </address-family-name>
    <multilink-bundle-name>
      multilink-bundle-name
    </multilink-bundle-name>
    <as-bundle-name>
      as-bundle-name
    </as-bundle-name>
    <ae-bundle-name>
      ae-bundle-name
    </ae-bundle-name>
    <es-sa-name>
      es-sa-name
    </es-sa-name>
    <es-sa-fail-count>
      es-sa-fail-count
    </es-sa-fail-count>
    <es-sa-xmt-seq-num>
      es-sa-xmt-seq-num
    </es-sa-xmt-seq-num>
    <es-sa-recv-seq-num>
      es-sa-recv-seq-num
    </es-sa-recv-seq-num>
    <mtu>
      mtu
    </mtu>
```

```

<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<address-family>

Usage

```

<interface-filter-information>
<logical-interface>
  <address-family>
    <compression-device-name>
      compression-device-name
    </compression-device-name>
    <address-family-name>
      address-family-name
    </address-family-name>
    <multilink-bundle-name>
      multilink-bundle-name
    </multilink-bundle-name>
    <as-bundle-name>
      as-bundle-name
    </as-bundle-name>
    <ae-bundle-name>
      ae-bundle-name
    </ae-bundle-name>
    <es-sa-name>
      es-sa-name
    </es-sa-name>
    <es-sa-fail-count>
      es-sa-fail-count
    </es-sa-fail-count>
  
```

```
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</interface-filter-information>
```

Description

<address-family>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <address-family>
    <compression-device-name>
      compression-device-name
    </compression-device-name>
    <address-family-name>
      address-family-name
    </address-family-name>
    <multilink-bundle-name>
      multilink-bundle-name
    </multilink-bundle-name>
    <as-bundle-name>
      as-bundle-name
    </as-bundle-name>
```

```

<ae-bundle-name>
  ae-bundle-name
</ae-bundle-name>
<es-sa-name>
  es-sa-name
</es-sa-name>
<es-sa-fail-count>
  es-sa-fail-count
</es-sa-fail-count>
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<address-family>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <compression-device-name>
        compression-device-name
      </compression-device-name>
    
```

```
<address-family-name>
  address-family-name
</address-family-name>
<multilink-bundle-name>
  multilink-bundle-name
</multilink-bundle-name>
<as-bundle-name>
  as-bundle-name
</as-bundle-name>
<ae-bundle-name>
  ae-bundle-name
</ae-bundle-name>
<es-sa-name>
  es-sa-name
</es-sa-name>
<es-sa-fail-count>
  es-sa-fail-count
</es-sa-fail-count>
<es-sa-xmt-seq-num>
  es-sa-xmt-seq-num
</es-sa-xmt-seq-num>
<es-sa-recv-seq-num>
  es-sa-recv-seq-num
</es-sa-recv-seq-num>
<mtu>
  mtu
</mtu>
<maximum-labels>
  maximum-labels
</maximum-labels>
<address-family-flags>....</address-family-flags>
<address-family-unnumbered>....</address-family-unnumbered>
<arp-respond-any-local-address>
  arp-respond-any-local-address
</arp-respond-any-local-address>
<generation>
  generation
</generation>
<route-table>
  route-table
</route-table>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<interface-address>....</interface-address>
<mac-validate-statistics>....</mac-validate-statistics>
<route-rpf-statistics>....</route-rpf-statistics>
<destination-class-statistics>....</destination-class-statistics>
<source-class-statistics>....</source-class-statistics>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description

<address-family-flags>

Usage

```

<address-family-flags>
  <iff- none>
    iff- none
  </iff- none>
  <iff- primary>
    iff- primary
  </iff- primary>
  <iff- redirects>
    iff- redirects
  </iff- redirects>
  <iff- no-redirects>
    iff- no-redirects
  </iff- no-redirects>
  <iff- no-neighbor-learn>
    iff- no-neighbor-learn
  </iff- no-neighbor-learn>
  <iff- targeted-broadcast>
    iff- targeted-broadcast
  </iff- targeted-broadcast>
  <iff- sendbroadcast-pkt-to-re>
    iff- sendbroadcast-pkt-to-re
  </iff- sendbroadcast-pkt-to-re>
  <iff- hard-down>
    iff- hard-down
  </iff- hard-down>
  <iff- down>
    iff- down
  </iff- down>
  <iff- up>
    iff- up
  </iff- up>
  <iff- func1>
    iff- func1
  </iff- func1>
  <iff- func2>
    iff- func2
  </iff- func2>
  <iff- is-primary>
    iff- is-primary
  </iff- is-primary>
  <iff- recv-options>
    iff- recv-options
  </iff- recv-options>
  <iff- recv-ttl-exceeded>
    iff- recv-ttl-exceeded
  </iff- recv-ttl-exceeded>
  <iff- dst-class-usage>
    iff- dst-class-usage
  </iff- dst-class-usage>
  <iff- src-class-input>
    iff- src-class-input
  </iff- src-class-input>

```

```
<iff-src-class-output>
  iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
  iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
  iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
  iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
  iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
```



```
</generic-value>
</address-family-flags>
```

Description

<address-family-flags>

Usage

```
<address-family>
<address-family-flags>
  <iff-none>
    iff-none
  </iff-none>
  <iff-primary>
    iff-primary
  </iff-primary>
  <iff-redirects>
    iff-redirects
  </iff-redirects>
  <iff-no-redirects>
    iff-no-redirects
  </iff-no-redirects>
  <iff-no-neighbor-learn>
    iff-no-neighbor-learn
  </iff-no-neighbor-learn>
  <iff-targeted-broadcast>
    iff-targeted-broadcast
  </iff-targeted-broadcast>
  <iff-sendbcast-pkt-to-re>
    iff-sendbcast-pkt-to-re
  </iff-sendbcast-pkt-to-re>
  <iff-hard-down>
    iff-hard-down
  </iff-hard-down>
  <iff-down>
    iff-down
  </iff-down>
  <iff-up>
    iff-up
  </iff-up>
  <iff-func1>
    iff-func1
  </iff-func1>
  <iff-func2>
    iff-func2
  </iff-func2>
  <iff-is-primary>
    iff-is-primary
  </iff-is-primary>
  <iff-recv-options>
    iff-recv-options
  </iff-recv-options>
  <iff-recv-ttl-exceeded>
    iff-recv-ttl-exceeded
  </iff-recv-ttl-exceeded>
```

```
<iff-dst-class-usage>
  iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
  iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
  iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
  iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
  iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
  iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
  iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
```

```

</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>

```

Description

<address-family-flags>

Usage

```

<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
      iff-no-redirects
    </iff-no-redirects>
    <iff-no-neighbor-learn>
      iff-no-neighbor-learn
    </iff-no-neighbor-learn>
    <iff-targeted-broadcast>
      iff-targeted-broadcast
    </iff-targeted-broadcast>
    <iff-sendbcast-pkt-to-re>
      iff-sendbcast-pkt-to-re
    </iff-sendbcast-pkt-to-re>
    <iff-hard-down>
      iff-hard-down
    </iff-hard-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-func1>
      iff-func1
    </iff-func1>
    <iff-func2>
      iff-func2
    </iff-func2>
    <iff-is-primary>

```

```
    iff-is-primary
  </iff-is-primary>
  <iff-recv-options>
    iff-recv-options
  </iff-recv-options>
  <iff-recv-ttl-exceeded>
    iff-recv-ttl-exceeded
  </iff-recv-ttl-exceeded>
  <iff-dst-class-usage>
    iff-dst-class-usage
  </iff-dst-class-usage>
  <iff-src-class-input>
    iff-src-class-input
  </iff-src-class-input>
  <iff-src-class-output>
    iff-src-class-output
  </iff-src-class-output>
  <iff-mtu-user-conf>
    iff-mtu-user-conf
  </iff-mtu-user-conf>
  <iff-mac-validate-strict>
    iff-mac-validate-strict
  </iff-mac-validate-strict>
  <iff-mac-validate-loose>
    iff-mac-validate-loose
  </iff-mac-validate-loose>
  <iff-rpf-check>
    iff-rpf-check
  </iff-rpf-check>
  <iff-rpf-loose-mode>
    iff-rpf-loose-mode
  </iff-rpf-loose-mode>
  <iff-sample-input>
    iff-sample-input
  </iff-sample-input>
  <iff-sample-output>
    iff-sample-output
  </iff-sample-output>
  <iff-no-async-notification>
    iff-no-async-notification
  </iff-no-async-notification>
  <iff-negotiate-address>
    iff-negotiate-address
  </iff-negotiate-address>
  <iff-port-mode-trunk>
    iff-port-mode-trunk
  </iff-port-mode-trunk>
  <iff-mtu-protocol-adj>
    iff-mtu-protocol-adj
  </iff-mtu-protocol-adj>
  <iff-unnumbered>
    iff-unnumbered
  </iff-unnumbered>
  <iff-tcc-mpls>
    iff-tcc-mpls
  </iff-tcc-mpls>
```

```

<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>

```

Description

<address-family-flags>

Usage

```

<physical-interface>
<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
      iff-no-redirects
    </iff-no-redirects>
    <iff-no-neighbor-learn>
      iff-no-neighbor-learn
    </iff-no-neighbor-learn>
    <iff-targeted-broadcast>
      iff-targeted-broadcast
    </iff-targeted-broadcast>
    <iff-sendbcast-pkt-to-re>
      iff-sendbcast-pkt-to-re
    </iff-sendbcast-pkt-to-re>
    <iff-hard-down>
      iff-hard-down
    </iff-hard-down>
    <iff-down>
      iff-down
    </iff-down>

```

```
<iff-up>
  iff-up
</iff-up>
<iff-func1>
  iff-func1
</iff-func1>
<iff-func2>
  iff-func2
</iff-func2>
<iff-is-primary>
  iff-is-primary
</iff-is-primary>
<iff-recv-options>
  iff-recv-options
</iff-recv-options>
<iff-recv-ttl-exceeded>
  iff-recv-ttl-exceeded
</iff-recv-ttl-exceeded>
<iff-dst-class-usage>
  iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
  iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
  iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
  iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
  iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
  iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
  iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
```

```

</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</physical-interface>

```

Description

<address-family-flags>

Usage

```

<interface-information>
<physical-interface>
<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
      iff-no-redirects
    </iff-no-redirects>
    <iff-no-neighbor-learn>
      iff-no-neighbor-learn
    </iff-no-neighbor-learn>

```

```
<iff-targeted-broadcast>
  iff-targeted-broadcast
</iff-targeted-broadcast>
<iff-sendbcst-pkt-to-re>
  iff-sendbcst-pkt-to-re
</iff-sendbcst-pkt-to-re>
<iff-hard-down>
  iff-hard-down
</iff-hard-down>
<iff-down>
  iff-down
</iff-down>
<iff-up>
  iff-up
</iff-up>
<iff-func1>
  iff-func1
</iff-func1>
<iff-func2>
  iff-func2
</iff-func2>
<iff-is-primary>
  iff-is-primary
</iff-is-primary>
<iff-recv-options>
  iff-recv-options
</iff-recv-options>
<iff-recv-ttl-exceeded>
  iff-recv-ttl-exceeded
</iff-recv-ttl-exceeded>
<iff-dst-class-usage>
  iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
  iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
  iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
  iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
  iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
  iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
  iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
```



```

</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<address-family-flags>

Usage

```

<interface-information>
  <logical-interface>
    <address-family>
      <address-family-flags>
        <iff-none>
          iff-none
        </iff-none>

```

```
<iff-primary>
  iff-primary
</iff-primary>
<iff-redirects>
  iff-redirects
</iff-redirects>
<iff-no-redirects>
  iff-no-redirects
</iff-no-redirects>
<iff-no-neighbor-learn>
  iff-no-neighbor-learn
</iff-no-neighbor-learn>
<iff-targeted-broadcast>
  iff-targeted-broadcast
</iff-targeted-broadcast>
<iff-sendbcst-pkt-to-re>
  iff-sendbcst-pkt-to-re
</iff-sendbcst-pkt-to-re>
<iff-hard-down>
  iff-hard-down
</iff-hard-down>
<iff-down>
  iff-down
</iff-down>
<iff-up>
  iff-up
</iff-up>
<iff-func1>
  iff-func1
</iff-func1>
<iff-func2>
  iff-func2
</iff-func2>
<iff-is-primary>
  iff-is-primary
</iff-is-primary>
<iff-recv-options>
  iff-recv-options
</iff-recv-options>
<iff-recv-ttl-exceeded>
  iff-recv-ttl-exceeded
</iff-recv-ttl-exceeded>
<iff-dst-class-usage>
  iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
  iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
  iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
  iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
  iff-mac-validate-strict
```

```
</iff-mac-validate-strict>
<iff-mac-validate-loose>
  iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
  iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</interface-information>
```

Description

<address-family-flags>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <address-family-flags>
        <iff-none>
          iff-none
        </iff-none>
        <iff-primary>
          iff-primary
        </iff-primary>
        <iff-redirects>
          iff-redirects
        </iff-redirects>
        <iff-no-redirects>
          iff-no-redirects
        </iff-no-redirects>
        <iff-no-neighbor-learn>
          iff-no-neighbor-learn
        </iff-no-neighbor-learn>
        <iff-targeted-broadcast>
          iff-targeted-broadcast
        </iff-targeted-broadcast>
        <iff-sendbcst-pkt-to-re>
          iff-sendbcst-pkt-to-re
        </iff-sendbcst-pkt-to-re>
        <iff-hard-down>
          iff-hard-down
        </iff-hard-down>
        <iff-down>
          iff-down
        </iff-down>
        <iff-up>
          iff-up
        </iff-up>
        <iff-func1>
          iff-func1
        </iff-func1>
        <iff-func2>
          iff-func2
        </iff-func2>
        <iff-is-primary>
          iff-is-primary
        </iff-is-primary>
        <iff-recv-options>
          iff-recv-options
        </iff-recv-options>
        <iff-recv-ttl-exceeded>
          iff-recv-ttl-exceeded
        </iff-recv-ttl-exceeded>
        <iff-dst-class-usage>
```

```
    iff-dst-class-usage
  </iff-dst-class-usage>
  <iff-src-class-input>
    iff-src-class-input
  </iff-src-class-input>
  <iff-src-class-output>
    iff-src-class-output
  </iff-src-class-output>
  <iff-mtu-user-conf>
    iff-mtu-user-conf
  </iff-mtu-user-conf>
  <iff-mac-validate-strict>
    iff-mac-validate-strict
  </iff-mac-validate-strict>
  <iff-mac-validate-loose>
    iff-mac-validate-loose
  </iff-mac-validate-loose>
  <iff-rpf-check>
    iff-rpf-check
  </iff-rpf-check>
  <iff-rpf-loose-mode>
    iff-rpf-loose-mode
  </iff-rpf-loose-mode>
  <iff-sample-input>
    iff-sample-input
  </iff-sample-input>
  <iff-sample-output>
    iff-sample-output
  </iff-sample-output>
  <iff-no-async-notification>
    iff-no-async-notification
  </iff-no-async-notification>
  <iff-negotiate-address>
    iff-negotiate-address
  </iff-negotiate-address>
  <iff-port-mode-trunk>
    iff-port-mode-trunk
  </iff-port-mode-trunk>
  <iff-mtu-protocol-adj>
    iff-mtu-protocol-adj
  </iff-mtu-protocol-adj>
  <iff-unnumbered>
    iff-unnumbered
  </iff-unnumbered>
  <iff-tcc-mpls>
    iff-tcc-mpls
  </iff-tcc-mpls>
  <iff-tcc-inet>
    iff-tcc-inet
  </iff-tcc-inet>
  <iff-tcc-inet6>
    iff-tcc-inet6
  </iff-tcc-inet6>
  <iff-tcc-iso>
    iff-tcc-iso
  </iff-tcc-iso>
```

```
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<address-family-flags>

Usage

```
<interface-filter-information>
<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
      iff-no-redirects
    </iff-no-redirects>
    <iff-no-neighbor-learn>
      iff-no-neighbor-learn
    </iff-no-neighbor-learn>
    <iff-targeted-broadcast>
      iff-targeted-broadcast
    </iff-targeted-broadcast>
    <iff-sendbcast-pkt-to-re>
      iff-sendbcast-pkt-to-re
    </iff-sendbcast-pkt-to-re>
    <iff-hard-down>
      iff-hard-down
    </iff-hard-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-func1>
      iff-func1
    </iff-func1>
    <iff-func2>
```

```
    iff-func2
</iff-func2>
<iff-is-primary>
    iff-is-primary
</iff-is-primary>
<iff-recv-options>
    iff-recv-options
</iff-recv-options>
<iff-recv-ttl-exceeded>
    iff-recv-ttl-exceeded
</iff-recv-ttl-exceeded>
<iff-dst-class-usage>
    iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
    iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
    iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
    iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
    iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
    iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
    iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
    iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
    iff-sample-input
</iff-sample-input>
<iff-sample-output>
    iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
    iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
    iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
    iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
    iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
    iff-unnumbered
</iff-unnumbered>
```

```
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</interface-filter-information>
```

Description

<address-family-flags>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
      iff-no-redirects
    </iff-no-redirects>
    <iff-no-neighbor-learn>
      iff-no-neighbor-learn
    </iff-no-neighbor-learn>
    <iff-targeted-broadcast>
      iff-targeted-broadcast
    </iff-targeted-broadcast>
    <iff-sendbroadcast-pkt-to-re>
      iff-sendbroadcast-pkt-to-re
    </iff-sendbroadcast-pkt-to-re>
    <iff-hard-down>
```



```
    iff-hard-down
</iff-hard-down>
<iff-down>
    iff-down
</iff-down>
<iff-up>
    iff-up
</iff-up>
<iff-func1>
    iff-func1
</iff-func1>
<iff-func2>
    iff-func2
</iff-func2>
<iff-is-primary>
    iff-is-primary
</iff-is-primary>
<iff-recv-options>
    iff-recv-options
</iff-recv-options>
<iff-recv-ttl-exceeded>
    iff-recv-ttl-exceeded
</iff-recv-ttl-exceeded>
<iff-dst-class-usage>
    iff-dst-class-usage
</iff-dst-class-usage>
<iff-src-class-input>
    iff-src-class-input
</iff-src-class-input>
<iff-src-class-output>
    iff-src-class-output
</iff-src-class-output>
<iff-mtu-user-conf>
    iff-mtu-user-conf
</iff-mtu-user-conf>
<iff-mac-validate-strict>
    iff-mac-validate-strict
</iff-mac-validate-strict>
<iff-mac-validate-loose>
    iff-mac-validate-loose
</iff-mac-validate-loose>
<iff-rpf-check>
    iff-rpf-check
</iff-rpf-check>
<iff-rpf-loose-mode>
    iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
    iff-sample-input
</iff-sample-input>
<iff-sample-output>
    iff-sample-output
</iff-sample-output>
<iff-no-asynch-notification>
    iff-no-asynch-notification
</iff-no-asynch-notification>
```

```
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<address-family-flags>

Usage

```
<interface-policer-information>
<logical-interface>
<address-family>
  <address-family-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-primary>
      iff-primary
    </iff-primary>
    <iff-redirects>
      iff-redirects
    </iff-redirects>
    <iff-no-redirects>
```

```
    iff-no-redirects
  </iff-no-redirects>
  <iff-no-neighbor-learn>
    iff-no-neighbor-learn
  </iff-no-neighbor-learn>
  <iff-targeted-broadcast>
    iff-targeted-broadcast
  </iff-targeted-broadcast>
  <iff-sendbcast-pkt-to-re>
    iff-sendbcast-pkt-to-re
  </iff-sendbcast-pkt-to-re>
  <iff-hard-down>
    iff-hard-down
  </iff-hard-down>
  <iff-down>
    iff-down
  </iff-down>
  <iff-up>
    iff-up
  </iff-up>
  <iff-func1>
    iff-func1
  </iff-func1>
  <iff-func2>
    iff-func2
  </iff-func2>
  <iff-is-primary>
    iff-is-primary
  </iff-is-primary>
  <iff-recv-options>
    iff-recv-options
  </iff-recv-options>
  <iff-recv-ttl-exceeded>
    iff-recv-ttl-exceeded
  </iff-recv-ttl-exceeded>
  <iff-dst-class-usage>
    iff-dst-class-usage
  </iff-dst-class-usage>
  <iff-src-class-input>
    iff-src-class-input
  </iff-src-class-input>
  <iff-src-class-output>
    iff-src-class-output
  </iff-src-class-output>
  <iff-mtu-user-conf>
    iff-mtu-user-conf
  </iff-mtu-user-conf>
  <iff-mac-validate-strict>
    iff-mac-validate-strict
  </iff-mac-validate-strict>
  <iff-mac-validate-loose>
    iff-mac-validate-loose
  </iff-mac-validate-loose>
  <iff-rpf-check>
    iff-rpf-check
  </iff-rpf-check>
```

```
<iff-rpf-loose-mode>
  iff-rpf-loose-mode
</iff-rpf-loose-mode>
<iff-sample-input>
  iff-sample-input
</iff-sample-input>
<iff-sample-output>
  iff-sample-output
</iff-sample-output>
<iff-no-async-notification>
  iff-no-async-notification
</iff-no-async-notification>
<iff-negotiate-address>
  iff-negotiate-address
</iff-negotiate-address>
<iff-port-mode-trunk>
  iff-port-mode-trunk
</iff-port-mode-trunk>
<iff-mtu-protocol-adj>
  iff-mtu-protocol-adj
</iff-mtu-protocol-adj>
<iff-unnumbered>
  iff-unnumbered
</iff-unnumbered>
<iff-tcc-mpls>
  iff-tcc-mpls
</iff-tcc-mpls>
<iff-tcc-inet>
  iff-tcc-inet
</iff-tcc-inet>
<iff-tcc-inet6>
  iff-tcc-inet6
</iff-tcc-inet6>
<iff-tcc-iso>
  iff-tcc-iso
</iff-tcc-iso>
<iff-port-mode-isid-trunk>
  iff-port-mode-isid-trunk
</iff-port-mode-isid-trunk>
<generic-value>
  generic-value
</generic-value>
</address-family-flags>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description

<address-family-unnumbered>

Usage

```
<address-family>
  <address-family-unnumbered>
    <unnumbered-family-donor-interface-name>
```

```

        unnumbered-family-donor-interface-name
    </unnumbered-family-donor-interface-name>
    <unnumbered-family-donor-interface-index>
        unnumbered-family-donor-interface-index
    </unnumbered-family-donor-interface-index>
    <unnumbered-family-preferred-source-address>
        unnumbered-family-preferred-source-address
    </unnumbered-family-preferred-source-address>
</address-family-unnumbered>
</address-family>

```

Description Information about an unnumbered address family

<address-family-unnumbered>

Usage

```

<logical-interface>
  <address-family>
    <address-family-unnumbered>
      <unnumbered-family-donor-interface-name>
        unnumbered-family-donor-interface-name
      </unnumbered-family-donor-interface-name>
      <unnumbered-family-donor-interface-index>
        unnumbered-family-donor-interface-index
      </unnumbered-family-donor-interface-index>
      <unnumbered-family-preferred-source-address>
        unnumbered-family-preferred-source-address
      </unnumbered-family-preferred-source-address>
    </address-family-unnumbered>
  </address-family>
</logical-interface>

```

Description Information about an unnumbered address family

<address-family-unnumbered>

Usage

```

<physical-interface>
  <logical-interface>
    <address-family>
      <address-family-unnumbered>
        <unnumbered-family-donor-interface-name>
          unnumbered-family-donor-interface-name
        </unnumbered-family-donor-interface-name>
        <unnumbered-family-donor-interface-index>
          unnumbered-family-donor-interface-index
        </unnumbered-family-donor-interface-index>
        <unnumbered-family-preferred-source-address>
          unnumbered-family-preferred-source-address
        </unnumbered-family-preferred-source-address>
      </address-family-unnumbered>
    </address-family>
  </logical-interface>

```

</physical-interface>

Description Information about an unnumbered address family

<address-family-unnumbered>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<address-family>
  <address-family-unnumbered>
    <unnumbered-family-donor-interface-name>
      unnumbered-family-donor-interface-name
    </unnumbered-family-donor-interface-name>
    <unnumbered-family-donor-interface-index>
      unnumbered-family-donor-interface-index
    </unnumbered-family-donor-interface-index>
    <unnumbered-family-preferred-source-address>
      unnumbered-family-preferred-source-address
    </unnumbered-family-preferred-source-address>
  </address-family-unnumbered>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Information about an unnumbered address family

<address-family-unnumbered>

Usage

```
<interface-information>
<logical-interface>
<address-family>
  <address-family-unnumbered>
    <unnumbered-family-donor-interface-name>
      unnumbered-family-donor-interface-name
    </unnumbered-family-donor-interface-name>
    <unnumbered-family-donor-interface-index>
      unnumbered-family-donor-interface-index
    </unnumbered-family-donor-interface-index>
    <unnumbered-family-preferred-source-address>
      unnumbered-family-preferred-source-address
    </unnumbered-family-preferred-source-address>
  </address-family-unnumbered>
</address-family>
</logical-interface>
</interface-information>
```

Description Information about an unnumbered address family

<address-family-unnumbered>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <address-family-unnumbered>
          <unnumbered-family-donor-interface-name>
            unnumbered-family-donor-interface-name
          </unnumbered-family-donor-interface-name>
          <unnumbered-family-donor-interface-index>
            unnumbered-family-donor-interface-index
          </unnumbered-family-donor-interface-index>
          <unnumbered-family-preferred-source-address>
            unnumbered-family-preferred-source-address
          </unnumbered-family-preferred-source-address>
        </address-family-unnumbered>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Information about an unnumbered address family

<address-family-unnumbered>**Usage**

```

<interface-filter-information>
  <logical-interface>
    <address-family>
      <address-family-unnumbered>
        <unnumbered-family-donor-interface-name>
          unnumbered-family-donor-interface-name
        </unnumbered-family-donor-interface-name>
        <unnumbered-family-donor-interface-index>
          unnumbered-family-donor-interface-index
        </unnumbered-family-donor-interface-index>
        <unnumbered-family-preferred-source-address>
          unnumbered-family-preferred-source-address
        </unnumbered-family-preferred-source-address>
      </address-family-unnumbered>
    </address-family>
  </logical-interface>
</interface-filter-information>

```

Description Information about an unnumbered address family

<address-family-unnumbered>**Usage**

```

<interface-policer-information>

```

```
<physical-interface>
  <logical-interface>
    <address-family>
      <address-family-unnumbered>
        <unnumbered-family-donor-interface-name>
          unnumbered-family-donor-interface-name
        </unnumbered-family-donor-interface-name>
        <unnumbered-family-donor-interface-index>
          unnumbered-family-donor-interface-index
        </unnumbered-family-donor-interface-index>
        <unnumbered-family-preferred-source-address>
          unnumbered-family-preferred-source-address
        </unnumbered-family-preferred-source-address>
      </address-family-unnumbered>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Information about an unnumbered address family

<address-family-unnumbered>

Usage

```
<interface-policer-information>
  <logical-interface>
    <address-family>
      <address-family-unnumbered>
        <unnumbered-family-donor-interface-name>
          unnumbered-family-donor-interface-name
        </unnumbered-family-donor-interface-name>
        <unnumbered-family-donor-interface-index>
          unnumbered-family-donor-interface-index
        </unnumbered-family-donor-interface-index>
        <unnumbered-family-preferred-source-address>
          unnumbered-family-preferred-source-address
        </unnumbered-family-preferred-source-address>
      </address-family-unnumbered>
    </address-family>
  </logical-interface>
</interface-policer-information>
```

Description Information about an unnumbered address family

<atm-cos-information>

Usage

```
<atm-cos-information>
  <vc-cos-mode>
    vc-cos-mode
  </vc-cos-mode>
  <atm-cos-queue>....</atm-cos-queue>
```



```
</atm-cos-information>
```

Description

```
<atm-cos-information>
```

Usage

```
<virtual-circuit-information>
  <atm-cos-information>
    <vc-cos-mode>
      vc-cos-mode
    </vc-cos-mode>
    <atm-cos-queue>....</atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
```

Description

```
<atm-cos-information>
```

Usage

```
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <vc-cos-mode>
        vc-cos-mode
      </vc-cos-mode>
      <atm-cos-queue>....</atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>
```

Description

```
<atm-cos-information>
```

Usage

```
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <vc-cos-mode>
          vc-cos-mode
        </vc-cos-mode>
        <atm-cos-queue>....</atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
```

Description

<atm-cos-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <vc-cos-mode>
            vc-cos-mode
          </vc-cos-mode>
          <atm-cos-queue>....</atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<atm-cos-information>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <vc-cos-mode>
          vc-cos-mode
        </vc-cos-mode>
        <atm-cos-queue>....</atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>
```

Description

<atm-cos-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <vc-cos-mode>
            vc-cos-mode
          </vc-cos-mode>
          <atm-cos-queue>....</atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
```

</interface-filter-information>

Description

<atm-cos-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <vc-cos-mode>
          vc-cos-mode
        </vc-cos-mode>
        <atm-cos-queue>....</atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>
```

Description

<atm-cos-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <vc-cos-mode>
            vc-cos-mode
          </vc-cos-mode>
          <atm-cos-queue>....</atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<atm-cos-information>

Usage

```
<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <vc-cos-mode>
          vc-cos-mode
        </vc-cos-mode>
        <atm-cos-queue>....</atm-cos-queue>
      </atm-cos-information>
```

```
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<atm-cos-plp-statistics>

Usage

```
<atm-cos-plp-statistics>
  <atm-plp0-output-bytes>
    atm-plp0-output-bytes
  </atm-plp0-output-bytes>
  <atm-plp1-output-bytes>
    atm-plp1-output-bytes
  </atm-plp1-output-bytes>
  <atm-plp0-output-packets>
    atm-plp0-output-packets
  </atm-plp0-output-packets>
  <atm-plp1-output-packets>
    atm-plp1-output-packets
  </atm-plp1-output-packets>
  <atm-plp0-byte-drops>
    atm-plp0-byte-drops
  </atm-plp0-byte-drops>
  <atm-plp1-byte-drops>
    atm-plp1-byte-drops
  </atm-plp1-byte-drops>
  <atm-plp0-packet-drops>
    atm-plp0-packet-drops
  </atm-plp0-packet-drops>
  <atm-plp1-packet-drops>
    atm-plp1-packet-drops
  </atm-plp1-packet-drops>
</atm-cos-plp-statistics>
```

Description

<atm-cos-plp-statistics>

Usage

```
<atm-cos-queue>
  <atm-cos-plp-statistics>
    <atm-plp0-output-bytes>
      atm-plp0-output-bytes
    </atm-plp0-output-bytes>
    <atm-plp1-output-bytes>
      atm-plp1-output-bytes
    </atm-plp1-output-bytes>
    <atm-plp0-output-packets>
      atm-plp0-output-packets
    </atm-plp0-output-packets>
    <atm-plp1-output-packets>
      atm-plp1-output-packets
```

```

</atm-plp1-output-packets>
<atm-plp0-byte-drops>
  atm-plp0-byte-drops
</atm-plp0-byte-drops>
<atm-plp1-byte-drops>
  atm-plp1-byte-drops
</atm-plp1-byte-drops>
<atm-plp0-packet-drops>
  atm-plp0-packet-drops
</atm-plp0-packet-drops>
<atm-plp1-packet-drops>
  atm-plp1-packet-drops
</atm-plp1-packet-drops>
</atm-cos-plp-statistics>
</atm-cos-queue>

```

Description

<atm-cos-plp-statistics>

Usage

```

<atm-cos-information>
<atm-cos-queue>
  <atm-cos-plp-statistics>
    <atm-plp0-output-bytes>
      atm-plp0-output-bytes
    </atm-plp0-output-bytes>
    <atm-plp1-output-bytes>
      atm-plp1-output-bytes
    </atm-plp1-output-bytes>
    <atm-plp0-output-packets>
      atm-plp0-output-packets
    </atm-plp0-output-packets>
    <atm-plp1-output-packets>
      atm-plp1-output-packets
    </atm-plp1-output-packets>
    <atm-plp0-byte-drops>
      atm-plp0-byte-drops
    </atm-plp0-byte-drops>
    <atm-plp1-byte-drops>
      atm-plp1-byte-drops
    </atm-plp1-byte-drops>
    <atm-plp0-packet-drops>
      atm-plp0-packet-drops
    </atm-plp0-packet-drops>
    <atm-plp1-packet-drops>
      atm-plp1-packet-drops
    </atm-plp1-packet-drops>
  </atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>

```

Description

<atm-cos-plp-statistics>

Usage

```
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-plp-statistics>
        <atm-plp0-output-bytes>
          atm-plp0-output-bytes
        </atm-plp0-output-bytes>
        <atm-plp1-output-bytes>
          atm-plp1-output-bytes
        </atm-plp1-output-bytes>
        <atm-plp0-output-packets>
          atm-plp0-output-packets
        </atm-plp0-output-packets>
        <atm-plp1-output-packets>
          atm-plp1-output-packets
        </atm-plp1-output-packets>
        <atm-plp0-byte-drops>
          atm-plp0-byte-drops
        </atm-plp0-byte-drops>
        <atm-plp1-byte-drops>
          atm-plp1-byte-drops
        </atm-plp1-byte-drops>
        <atm-plp0-packet-drops>
          atm-plp0-packet-drops
        </atm-plp0-packet-drops>
        <atm-plp1-packet-drops>
          atm-plp1-packet-drops
        </atm-plp1-packet-drops>
      </atm-cos-plp-statistics>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
```

Description

<atm-cos-plp-statistics>

Usage

```
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-plp-statistics>
          <atm-plp0-output-bytes>
            atm-plp0-output-bytes
          </atm-plp0-output-bytes>
          <atm-plp1-output-bytes>
            atm-plp1-output-bytes
          </atm-plp1-output-bytes>
          <atm-plp0-output-packets>
            atm-plp0-output-packets
          </atm-plp0-output-packets>
```

```

    <atm-plp1-output-packets>
      atm-plp1-output-packets
    </atm-plp1-output-packets>
    <atm-plp0-byte-drops>
      atm-plp0-byte-drops
    </atm-plp0-byte-drops>
    <atm-plp1-byte-drops>
      atm-plp1-byte-drops
    </atm-plp1-byte-drops>
    <atm-plp0-packet-drops>
      atm-plp0-packet-drops
    </atm-plp0-packet-drops>
    <atm-plp1-packet-drops>
      atm-plp1-packet-drops
    </atm-plp1-packet-drops>
  </atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>

```

Description

<atm-cos-plp-statistics>

Usage

```

<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-plp-statistics>
        <atm-plp0-output-bytes>
          atm-plp0-output-bytes
        </atm-plp0-output-bytes>
        <atm-plp1-output-bytes>
          atm-plp1-output-bytes
        </atm-plp1-output-bytes>
        <atm-plp0-output-packets>
          atm-plp0-output-packets
        </atm-plp0-output-packets>
        <atm-plp1-output-packets>
          atm-plp1-output-packets
        </atm-plp1-output-packets>
        <atm-plp0-byte-drops>
          atm-plp0-byte-drops
        </atm-plp0-byte-drops>
        <atm-plp1-byte-drops>
          atm-plp1-byte-drops
        </atm-plp1-byte-drops>
        <atm-plp0-packet-drops>
          atm-plp0-packet-drops
        </atm-plp0-packet-drops>
        <atm-plp1-packet-drops>
          atm-plp1-packet-drops
      </atm-cos-plp-statistics>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
</logical-interface>

```

```
    </atm-plp1-packet-drops>
  </atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<atm-cos-plp-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
  <atm-cos-queue>
    <atm-cos-plp-statistics>
      <atm-plp0-output-bytes>
        atm-plp0-output-bytes
      </atm-plp0-output-bytes>
      <atm-plp1-output-bytes>
        atm-plp1-output-bytes
      </atm-plp1-output-bytes>
      <atm-plp0-output-packets>
        atm-plp0-output-packets
      </atm-plp0-output-packets>
      <atm-plp1-output-packets>
        atm-plp1-output-packets
      </atm-plp1-output-packets>
      <atm-plp0-byte-drops>
        atm-plp0-byte-drops
      </atm-plp0-byte-drops>
      <atm-plp1-byte-drops>
        atm-plp1-byte-drops
      </atm-plp1-byte-drops>
      <atm-plp0-packet-drops>
        atm-plp0-packet-drops
      </atm-plp0-packet-drops>
      <atm-plp1-packet-drops>
        atm-plp1-packet-drops
      </atm-plp1-packet-drops>
    </atm-cos-plp-statistics>
  </atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<atm-cos-plp-statistics>**Usage**

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-plp-statistics>
            <atm-plp0-output-bytes>
              atm-plp0-output-bytes
            </atm-plp0-output-bytes>
            <atm-plp1-output-bytes>
              atm-plp1-output-bytes
            </atm-plp1-output-bytes>
            <atm-plp0-output-packets>
              atm-plp0-output-packets
            </atm-plp0-output-packets>
            <atm-plp1-output-packets>
              atm-plp1-output-packets
            </atm-plp1-output-packets>
            <atm-plp0-byte-drops>
              atm-plp0-byte-drops
            </atm-plp0-byte-drops>
            <atm-plp1-byte-drops>
              atm-plp1-byte-drops
            </atm-plp1-byte-drops>
            <atm-plp0-packet-drops>
              atm-plp0-packet-drops
            </atm-plp0-packet-drops>
            <atm-plp1-packet-drops>
              atm-plp1-packet-drops
            </atm-plp1-packet-drops>
          </atm-cos-plp-statistics>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description**<atm-cos-plp-statistics>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-plp-statistics>
              <atm-plp0-output-bytes>
                atm-plp0-output-bytes
              </atm-plp0-output-bytes>
            </atm-cos-plp-statistics>
          </atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

```
<atm-plp1-output-bytes>
  atm-plp1-output-bytes
</atm-plp1-output-bytes>
<atm-plp0-output-packets>
  atm-plp0-output-packets
</atm-plp0-output-packets>
<atm-plp1-output-packets>
  atm-plp1-output-packets
</atm-plp1-output-packets>
<atm-plp0-byte-drops>
  atm-plp0-byte-drops
</atm-plp0-byte-drops>
<atm-plp1-byte-drops>
  atm-plp1-byte-drops
</atm-plp1-byte-drops>
<atm-plp0-packet-drops>
  atm-plp0-packet-drops
</atm-plp0-packet-drops>
<atm-plp1-packet-drops>
  atm-plp1-packet-drops
</atm-plp1-packet-drops>
</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<atm-cos-plp-statistics>

Usage

```
<interface-filter-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-plp-statistics>
<atm-plp0-output-bytes>
  atm-plp0-output-bytes
</atm-plp0-output-bytes>
<atm-plp1-output-bytes>
  atm-plp1-output-bytes
</atm-plp1-output-bytes>
<atm-plp0-output-packets>
  atm-plp0-output-packets
</atm-plp0-output-packets>
<atm-plp1-output-packets>
  atm-plp1-output-packets
</atm-plp1-output-packets>
<atm-plp0-byte-drops>
  atm-plp0-byte-drops
</atm-plp0-byte-drops>
```

```

    <atm-plp1-byte-drops>
      atm-plp1-byte-drops
    </atm-plp1-byte-drops>
    <atm-plp0-packet-drops>
      atm-plp0-packet-drops
    </atm-plp0-packet-drops>
    <atm-plp1-packet-drops>
      atm-plp1-packet-drops
    </atm-plp1-packet-drops>
  </atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>

```

Description

<atm-cos-plp-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-plp-statistics>
            <atm-plp0-output-bytes>
              atm-plp0-output-bytes
            </atm-plp0-output-bytes>
            <atm-plp1-output-bytes>
              atm-plp1-output-bytes
            </atm-plp1-output-bytes>
            <atm-plp0-output-packets>
              atm-plp0-output-packets
            </atm-plp0-output-packets>
            <atm-plp1-output-packets>
              atm-plp1-output-packets
            </atm-plp1-output-packets>
            <atm-plp0-byte-drops>
              atm-plp0-byte-drops
            </atm-plp0-byte-drops>
            <atm-plp1-byte-drops>
              atm-plp1-byte-drops
            </atm-plp1-byte-drops>
            <atm-plp0-packet-drops>
              atm-plp0-packet-drops
            </atm-plp0-packet-drops>
            <atm-plp1-packet-drops>
              atm-plp1-packet-drops
            </atm-plp1-packet-drops>
          </atm-cos-plp-statistics>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

```
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<atm-cos-plp-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-plp-statistics>
<atm-plp0-output-bytes>
  atm-plp0-output-bytes
</atm-plp0-output-bytes>
<atm-plp1-output-bytes>
  atm-plp1-output-bytes
</atm-plp1-output-bytes>
<atm-plp0-output-packets>
  atm-plp0-output-packets
</atm-plp0-output-packets>
<atm-plp1-output-packets>
  atm-plp1-output-packets
</atm-plp1-output-packets>
<atm-plp0-byte-drops>
  atm-plp0-byte-drops
</atm-plp0-byte-drops>
<atm-plp1-byte-drops>
  atm-plp1-byte-drops
</atm-plp1-byte-drops>
<atm-plp0-packet-drops>
  atm-plp0-packet-drops
</atm-plp0-packet-drops>
<atm-plp1-packet-drops>
  atm-plp1-packet-drops
</atm-plp1-packet-drops>
</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<atm-cos-queue>

Usage

```
<atm-cos-queue>
<atm-cos-queue-parameters>....</atm-cos-queue-parameters>
```

```

    <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
    <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
  </atm-cos-queue>

```

Description**<atm-cos-queue>****Usage**

```

<atm-cos-information>
  <atm-cos-queue>
    <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
    <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
    <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
  </atm-cos-queue>
</atm-cos-information>

```

Description**<atm-cos-queue>****Usage**

```

<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
      <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
      <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>

```

Description**<atm-cos-queue>****Usage**

```

<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
        <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
        <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>

```

Description

<atm-cos-queue>

Usage

```
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
        <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
        <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<atm-cos-queue>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
        <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
        <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<atm-cos-queue>

Usage

```
<interface-information>
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
        <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
        <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
```

```

</logical-interface>
</interface-information>

```

Description

<atm-cos-queue>

Usage

```

<interface-filter-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-queue-parameters>....</atm-cos-queue-parameters>
<atm-cos-queue-statistics>....</atm-cos-queue-statistics>
<atm-cos-plp-statistics>....</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<atm-cos-queue>

Usage

```

<interface-filter-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-queue-parameters>....</atm-cos-queue-parameters>
<atm-cos-queue-statistics>....</atm-cos-queue-statistics>
<atm-cos-plp-statistics>....</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>

```

Description

<atm-cos-queue>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>

```

```
<atm-cos-queue-parameters>....</atm-cos-queue-parameters>
<atm-cos-queue-statistics>....</atm-cos-queue-statistics>
<atm-cos-plp-statistics>....</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<atm-cos-queue>

Usage

```
<interface-policer-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-parameters>....</atm-cos-queue-parameters>
  <atm-cos-queue-statistics>....</atm-cos-queue-statistics>
  <atm-cos-plp-statistics>....</atm-cos-plp-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<atm-cos-queue-parameters>

Usage

```
<atm-cos-queue-parameters>
<cos-forwarding-class-name>
  cos-forwarding-class-name
</cos-forwarding-class-name>
<cos-queue-number>
  cos-queue-number
</cos-queue-number>
<scheduling-priority>
  scheduling-priority
</scheduling-priority>
<transmit-weight-cells>
  transmit-weight-cells
</transmit-weight-cells>
<transmit-weight-percent>
  transmit-weight-percent
</transmit-weight-percent>
<epd-threshold>
  epd-threshold
</epd-threshold>
<epd-threshold-plp0>
```



```

        epd-threshold-plp0
      </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>

```

Description

<atm-cos-queue-parameters>

Usage

```

<atm-cos-queue>
  <atm-cos-queue-parameters>
    <cos-forwarding-class-name>
      cos-forwarding-class-name
    </cos-forwarding-class-name>
    <cos-queue-number>
      cos-queue-number
    </cos-queue-number>
    <scheduling-priority>
      scheduling-priority
    </scheduling-priority>
    <transmit-weight-cells>
      transmit-weight-cells
    </transmit-weight-cells>
    <transmit-weight-percent>
      transmit-weight-percent
    </transmit-weight-percent>
    <epd-threshold>
      epd-threshold
    </epd-threshold>
    <epd-threshold-plp0>
      epd-threshold-plp0
    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>

```

Description

<atm-cos-queue-parameters>

Usage

```

<atm-cos-information>
  <atm-cos-queue>
    <atm-cos-queue-parameters>
      <cos-forwarding-class-name>
        cos-forwarding-class-name
      </cos-forwarding-class-name>

```

```
<cos-queue-number>
  cos-queue-number
</cos-queue-number>
<scheduling-priority>
  scheduling-priority
</scheduling-priority>
<transmit-weight-cells>
  transmit-weight-cells
</transmit-weight-cells>
<transmit-weight-percent>
  transmit-weight-percent
</transmit-weight-percent>
<epd-threshold>
  epd-threshold
</epd-threshold>
<epd-threshold-plp0>
  epd-threshold-plp0
</epd-threshold-plp0>
<epd-threshold-plp1>
  epd-threshold-plp1
</epd-threshold-plp1>
<linear-red-drop-profile>.....</linear-red-drop-profile>
</atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
```

Description

<atm-cos-queue-parameters>

Usage

```
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-queue-parameters>
        <cos-forwarding-class-name>
          cos-forwarding-class-name
        </cos-forwarding-class-name>
        <cos-queue-number>
          cos-queue-number
        </cos-queue-number>
        <scheduling-priority>
          scheduling-priority
        </scheduling-priority>
        <transmit-weight-cells>
          transmit-weight-cells
        </transmit-weight-cells>
        <transmit-weight-percent>
          transmit-weight-percent
        </transmit-weight-percent>
        <epd-threshold>
          epd-threshold
        </epd-threshold>
        <epd-threshold-plp0>
          epd-threshold-plp0
```

```

    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>

```

Description

<atm-cos-queue-parameters>

Usage

```

<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-parameters>
    <cos-forwarding-class-name>
      cos-forwarding-class-name
    </cos-forwarding-class-name>
    <cos-queue-number>
      cos-queue-number
    </cos-queue-number>
    <scheduling-priority>
      scheduling-priority
    </scheduling-priority>
    <transmit-weight-cells>
      transmit-weight-cells
    </transmit-weight-cells>
    <transmit-weight-percent>
      transmit-weight-percent
    </transmit-weight-percent>
    <epd-threshold>
      epd-threshold
    </epd-threshold>
    <epd-threshold-plp0>
      epd-threshold-plp0
    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>

```

Description

<atm-cos-queue-parameters>

Usage

```
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>
          <cos-forwarding-class-name>
            cos-forwarding-class-name
          </cos-forwarding-class-name>
          <cos-queue-number>
            cos-queue-number
          </cos-queue-number>
          <scheduling-priority>
            scheduling-priority
          </scheduling-priority>
          <transmit-weight-cells>
            transmit-weight-cells
          </transmit-weight-cells>
          <transmit-weight-percent>
            transmit-weight-percent
          </transmit-weight-percent>
          <epd-threshold>
            epd-threshold
          </epd-threshold>
          <epd-threshold-plp0>
            epd-threshold-plp0
          </epd-threshold-plp0>
          <epd-threshold-plp1>
            epd-threshold-plp1
          </epd-threshold-plp1>
          <linear-red-drop-profile>....</linear-red-drop-profile>
        </atm-cos-queue-parameters>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<atm-cos-queue-parameters>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-queue-parameters>
              <cos-forwarding-class-name>
                cos-forwarding-class-name
```

```

    </cos-forwarding-class-name>
    <cos-queue-number>
      cos-queue-number
    </cos-queue-number>
    <scheduling-priority>
      scheduling-priority
    </scheduling-priority>
    <transmit-weight-cells>
      transmit-weight-cells
    </transmit-weight-cells>
    <transmit-weight-percent>
      transmit-weight-percent
    </transmit-weight-percent>
    <epd-threshold>
      epd-threshold
    </epd-threshold>
    <epd-threshold-plp0>
      epd-threshold-plp0
    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<atm-cos-queue-parameters>

Usage

```

<interface-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-parameters>
    <cos-forwarding-class-name>
      cos-forwarding-class-name
    </cos-forwarding-class-name>
    <cos-queue-number>
      cos-queue-number
    </cos-queue-number>
    <scheduling-priority>
      scheduling-priority
    </scheduling-priority>
    <transmit-weight-cells>
      transmit-weight-cells
    </transmit-weight-cells>
    <transmit-weight-percent>

```

```
        transmit-weight-percent
      </transmit-weight-percent>
    <epd-threshold>
      epd-threshold
    </epd-threshold>
    <epd-threshold-plp0>
      epd-threshold-plp0
    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
    <linear-red-drop-profile>....</linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-information>
```

Description

<atm-cos-queue-parameters>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-parameters>
    <cos-forwarding-class-name>
      cos-forwarding-class-name
    </cos-forwarding-class-name>
    <cos-queue-number>
      cos-queue-number
    </cos-queue-number>
    <scheduling-priority>
      scheduling-priority
    </scheduling-priority>
    <transmit-weight-cells>
      transmit-weight-cells
    </transmit-weight-cells>
    <transmit-weight-percent>
      transmit-weight-percent
    </transmit-weight-percent>
    <epd-threshold>
      epd-threshold
    </epd-threshold>
    <epd-threshold-plp0>
      epd-threshold-plp0
    </epd-threshold-plp0>
    <epd-threshold-plp1>
      epd-threshold-plp1
    </epd-threshold-plp1>
```

```

        <linear-red-drop-profile>....</linear-red-drop-profile>
      </atm-cos-queue-parameters>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<atm-cos-queue-parameters>

Usage

```

<interface-filter-information>
<logical-interface>
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-queue-parameters>
        <cos-forwarding-class-name>
          cos-forwarding-class-name
        </cos-forwarding-class-name>
        <cos-queue-number>
          cos-queue-number
        </cos-queue-number>
        <scheduling-priority>
          scheduling-priority
        </scheduling-priority>
        <transmit-weight-cells>
          transmit-weight-cells
        </transmit-weight-cells>
        <transmit-weight-percent>
          transmit-weight-percent
        </transmit-weight-percent>
        <epd-threshold>
          epd-threshold
        </epd-threshold>
        <epd-threshold-plp0>
          epd-threshold-plp0
        </epd-threshold-plp0>
        <epd-threshold-plp1>
          epd-threshold-plp1
        </epd-threshold-plp1>
        <linear-red-drop-profile>....</linear-red-drop-profile>
      </atm-cos-queue-parameters>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>

```

Description

<atm-cos-queue-parameters>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-parameters>
            <cos-forwarding-class-name>
              cos-forwarding-class-name
            </cos-forwarding-class-name>
            <cos-queue-number>
              cos-queue-number
            </cos-queue-number>
            <scheduling-priority>
              scheduling-priority
            </scheduling-priority>
            <transmit-weight-cells>
              transmit-weight-cells
            </transmit-weight-cells>
            <transmit-weight-percent>
              transmit-weight-percent
            </transmit-weight-percent>
            <epd-threshold>
              epd-threshold
            </epd-threshold>
            <epd-threshold-plp0>
              epd-threshold-plp0
            </epd-threshold-plp0>
            <epd-threshold-plp1>
              epd-threshold-plp1
            </epd-threshold-plp1>
            <linear-red-drop-profile>....</linear-red-drop-profile>
          </atm-cos-queue-parameters>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<atm-cos-queue-parameters>

Usage

```
<interface-policer-information>
<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>
          <cos-forwarding-class-name>
```



```

        cos-forwarding-class-name
      </cos-forwarding-class-name>
      <cos-queue-number>
        cos-queue-number
      </cos-queue-number>
      <scheduling-priority>
        scheduling-priority
      </scheduling-priority>
      <transmit-weight-cells>
        transmit-weight-cells
      </transmit-weight-cells>
      <transmit-weight-percent>
        transmit-weight-percent
      </transmit-weight-percent>
      <epd-threshold>
        epd-threshold
      </epd-threshold>
      <epd-threshold-plp0>
        epd-threshold-plp0
      </epd-threshold-plp0>
      <epd-threshold-plp1>
        epd-threshold-plp1
      </epd-threshold-plp1>
      <linear-red-drop-profile>....</linear-red-drop-profile>
    </atm-cos-queue-parameters>
  </atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description

<atm-cos-queue-statistics>

Usage

```

<atm-cos-queue-statistics>
  <atm-output-bytes>
    atm-output-bytes
  </atm-output-bytes>
  <atm-output-packets>
    atm-output-packets
  </atm-output-packets>
  <atm-packet-drops>
    atm-packet-drops
  </atm-packet-drops>
</atm-cos-queue-statistics>

```

Description

<atm-cos-queue-statistics>

Usage

```

<atm-cos-queue>

```

```
<atm-cos-queue-statistics>
  <atm-output-bytes>
    atm-output-bytes
  </atm-output-bytes>
  <atm-output-packets>
    atm-output-packets
  </atm-output-packets>
  <atm-packet-drops>
    atm-packet-drops
  </atm-packet-drops>
</atm-cos-queue-statistics>
</atm-cos-queue>
```

Description

<atm-cos-queue-statistics>

Usage

```
<atm-cos-information>
  <atm-cos-queue>
    <atm-cos-queue-statistics>
      <atm-output-bytes>
        atm-output-bytes
      </atm-output-bytes>
      <atm-output-packets>
        atm-output-packets
      </atm-output-packets>
      <atm-packet-drops>
        atm-packet-drops
      </atm-packet-drops>
    </atm-cos-queue-statistics>
  </atm-cos-queue>
</atm-cos-information>
```

Description

<atm-cos-queue-statistics>

Usage

```
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-queue-statistics>
        <atm-output-bytes>
          atm-output-bytes
        </atm-output-bytes>
        <atm-output-packets>
          atm-output-packets
        </atm-output-packets>
        <atm-packet-drops>
          atm-packet-drops
        </atm-packet-drops>
      </atm-cos-queue-statistics>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
```

```

</atm-cos-information>
</virtual-circuit-information>

```

Description

<atm-cos-queue-statistics>

Usage

```

<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-statistics>
    <atm-output-bytes>
      atm-output-bytes
    </atm-output-bytes>
    <atm-output-packets>
      atm-output-packets
    </atm-output-packets>
    <atm-packet-drops>
      atm-packet-drops
    </atm-packet-drops>
  </atm-cos-queue-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>

```

Description

<atm-cos-queue-statistics>

Usage

```

<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-statistics>
    <atm-output-bytes>
      atm-output-bytes
    </atm-output-bytes>
    <atm-output-packets>
      atm-output-packets
    </atm-output-packets>
    <atm-packet-drops>
      atm-packet-drops
    </atm-packet-drops>
  </atm-cos-queue-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>

```

</physical-interface>

Description

<atm-cos-queue-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-queue-statistics>
              <atm-output-bytes>
                atm-output-bytes
              </atm-output-bytes>
              <atm-output-packets>
                atm-output-packets
              </atm-output-packets>
              <atm-packet-drops>
                atm-packet-drops
              </atm-packet-drops>
            </atm-cos-queue-statistics>
          </atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<atm-cos-queue-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-statistics>
            <atm-output-bytes>
              atm-output-bytes
            </atm-output-bytes>
            <atm-output-packets>
              atm-output-packets
            </atm-output-packets>
            <atm-packet-drops>
              atm-packet-drops
            </atm-packet-drops>
          </atm-cos-queue-statistics>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>
```

```

    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description

<atm-cos-queue-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-queue-statistics>
              <atm-output-bytes>
                atm-output-bytes
              </atm-output-bytes>
              <atm-output-packets>
                atm-output-packets
              </atm-output-packets>
              <atm-packet-drops>
                atm-packet-drops
              </atm-packet-drops>
            </atm-cos-queue-statistics>
          </atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<atm-cos-queue-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-statistics>
            <atm-output-bytes>
              atm-output-bytes
            </atm-output-bytes>
            <atm-output-packets>
              atm-output-packets
            </atm-output-packets>
            <atm-packet-drops>
              atm-packet-drops
            </atm-packet-drops>
          </atm-cos-queue-statistics>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>

```

```
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description

<atm-cos-queue-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-queue-statistics>
  <atm-output-bytes>
    atm-output-bytes
  </atm-output-bytes>
  <atm-output-packets>
    atm-output-packets
  </atm-output-packets>
  <atm-packet-drops>
    atm-packet-drops
  </atm-packet-drops>
</atm-cos-queue-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<atm-cos-queue-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-queue-statistics>
  <atm-output-bytes>
    atm-output-bytes
  </atm-output-bytes>
  <atm-output-packets>
    atm-output-packets
  </atm-output-packets>
  <atm-packet-drops>
    atm-packet-drops
```

```

    </atm-packet-drops>
  </atm-cos-queue-statistics>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description

<atm-defects>

Usage

```

<atm-information>
  <atm-defects>
    <media-alarm>....</media-alarm>
  </atm-defects>
</atm-information>

```

Description

<atm-defects>

Usage

```

<physical-interface>
  <atm-information>
    <atm-defects>
      <media-alarm>....</media-alarm>
    </atm-defects>
  </atm-information>
</physical-interface>

```

Description

<atm-defects>

Usage

```

<interface-information>
  <physical-interface>
    <atm-information>
      <atm-defects>
        <media-alarm>....</media-alarm>
      </atm-defects>
    </atm-information>
  </physical-interface>
</interface-information>

```

Description

<atm-defects>

Usage

```

<interface-filter-information>

```

```
<physical-interface>
  <atm-information>
    <atm-defects>
      <media-alarm>....</media-alarm>
    </atm-defects>
  </atm-information>
</physical-interface>
</interface-filter-information>
```

Description**<atm-defects>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <atm-information>
      <atm-defects>
        <media-alarm>....</media-alarm>
      </atm-defects>
    </atm-information>
  </physical-interface>
</interface-policer-information>
```

Description**<atm-information>****Usage**

```
<atm-information>
  <plcp-defects>....</plcp-defects>
  <atm-defects>....</atm-defects>
  <plcp-statistics>....</plcp-statistics>
  <atm-hcs-state>
    atm-hcs-state
  </atm-hcs-state>
  <atm-loss-of-cell>
    atm-loss-of-cell
  </atm-loss-of-cell>
  <atm-statistics>....</atm-statistics>
</atm-information>
```

Description Operational information and statistics for ATM interfaces

<atm-information>**Usage**

```
<physical-interface>
  <atm-information>
    <plcp-defects>....</plcp-defects>
    <atm-defects>....</atm-defects>
    <plcp-statistics>....</plcp-statistics>
    <atm-hcs-state>
```



```

        atm-hcs-state
      </atm-hcs-state>
    <atm-loss-of-cell>
      atm-loss-of-cell
    </atm-loss-of-cell>
    <atm-statistics>....</atm-statistics>
  </atm-information>
</physical-interface>

```

Description Operational information and statistics for ATM interfaces

<atm-information>

Usage

```

<interface-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>....</plcp-defects>
      <atm-defects>....</atm-defects>
      <plcp-statistics>....</plcp-statistics>
      <atm-hcs-state>
        atm-hcs-state
      </atm-hcs-state>
      <atm-loss-of-cell>
        atm-loss-of-cell
      </atm-loss-of-cell>
      <atm-statistics>....</atm-statistics>
    </atm-information>
  </physical-interface>
</interface-information>

```

Description Operational information and statistics for ATM interfaces

<atm-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>....</plcp-defects>
      <atm-defects>....</atm-defects>
      <plcp-statistics>....</plcp-statistics>
      <atm-hcs-state>
        atm-hcs-state
      </atm-hcs-state>
      <atm-loss-of-cell>
        atm-loss-of-cell
      </atm-loss-of-cell>
      <atm-statistics>....</atm-statistics>
    </atm-information>
  </physical-interface>
</interface-filter-information>

```

Description Operational information and statistics for ATM interfaces

<atm-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>....</plcp-defects>
      <atm-defects>....</atm-defects>
      <plcp-statistics>....</plcp-statistics>
      <atm-hcs-state>
        atm-hcs-state
      </atm-hcs-state>
      <atm-loss-of-cell>
        atm-loss-of-cell
      </atm-loss-of-cell>
      <atm-statistics>....</atm-statistics>
    </atm-information>
  </physical-interface>
</interface-policer-information>
```

Description Operational information and statistics for ATM interfaces

<atm-policer-statistics>

Usage

```
<virtual-circuit-information>
  <atm-policer-statistics>
    <non-conform-clp0-cells>
      non-conform-clp0-cells
    </non-conform-clp0-cells>
    <non-conform-clp1-cells>
      non-conform-clp1-cells
    </non-conform-clp1-cells>
    <tagged-cells>
      tagged-cells
    </tagged-cells>
  </atm-policer-statistics>
</virtual-circuit-information>
```

Description

<atm-policer-statistics>

Usage

```
<logical-interface>
  <virtual-circuit-information>
    <atm-policer-statistics>
      <non-conform-clp0-cells>
        non-conform-clp0-cells
      </non-conform-clp0-cells>
      <non-conform-clp1-cells>
```

```

        non-conform-clp1-cells
      </non-conform-clp1-cells>
    <tagged-cells>
      tagged-cells
    </tagged-cells>
  </atm-policer-statistics>
</virtual-circuit-information>
</logical-interface>

```

Description

<atm-policer-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <atm-policer-statistics>
        <non-conform-clp0-cells>
          non-conform-clp0-cells
        </non-conform-clp0-cells>
        <non-conform-clp1-cells>
          non-conform-clp1-cells
        </non-conform-clp1-cells>
        <tagged-cells>
          tagged-cells
        </tagged-cells>
      </atm-policer-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>

```

Description

<atm-policer-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-policer-statistics>
          <non-conform-clp0-cells>
            non-conform-clp0-cells
          </non-conform-clp0-cells>
          <non-conform-clp1-cells>
            non-conform-clp1-cells
          </non-conform-clp1-cells>
          <tagged-cells>
            tagged-cells
          </tagged-cells>
        </atm-policer-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

```
</physical-interface>
</interface-information>
```

Description

<atm-policer-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-policer-statistics>
        <non-conform-clp0-cells>
          non-conform-clp0-cells
        </non-conform-clp0-cells>
        <non-conform-clp1-cells>
          non-conform-clp1-cells
        </non-conform-clp1-cells>
        <tagged-cells>
          tagged-cells
        </tagged-cells>
      </atm-policer-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>
```

Description

<atm-policer-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-policer-statistics>
          <non-conform-clp0-cells>
            non-conform-clp0-cells
          </non-conform-clp0-cells>
          <non-conform-clp1-cells>
            non-conform-clp1-cells
          </non-conform-clp1-cells>
          <tagged-cells>
            tagged-cells
          </tagged-cells>
        </atm-policer-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<atm-policer-statistics>**Usage**

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-policer-statistics>
        <non-conform-clp0-cells>
          non-conform-clp0-cells
        </non-conform-clp0-cells>
        <non-conform-clp1-cells>
          non-conform-clp1-cells
        </non-conform-clp1-cells>
        <tagged-cells>
          tagged-cells
        </tagged-cells>
      </atm-policer-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>

```

Description**<atm-policer-statistics>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-policer-statistics>
          <non-conform-clp0-cells>
            non-conform-clp0-cells
          </non-conform-clp0-cells>
          <non-conform-clp1-cells>
            non-conform-clp1-cells
          </non-conform-clp1-cells>
          <tagged-cells>
            tagged-cells
          </tagged-cells>
        </atm-policer-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description**<atm-policer-statistics>****Usage**

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>

```

```
<atm-policer-statistics>
  <non-conform-clp0-cells>
    non-conform-clp0-cells
  </non-conform-clp0-cells>
  <non-conform-clp1-cells>
    non-conform-clp1-cells
  </non-conform-clp1-cells>
  <tagged-cells>
    tagged-cells
  </tagged-cells>
</atm-policer-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<atm-statistics>

Usage

```
<atm-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
      uncorrectable-hcs-errors
    </uncorrectable-hcs-errors>
    <correctable-hcs-errors>
      correctable-hcs-errors
    </correctable-hcs-errors>
    <tx-cell-fifo-overruns>
      tx-cell-fifo-overruns
    </tx-cell-fifo-overruns>
    <rx-cell-fifo-overruns>
      rx-cell-fifo-overruns
    </rx-cell-fifo-overruns>
    <rx-cell-fifo-underruns>
      rx-cell-fifo-underruns
    </rx-cell-fifo-underruns>
    <rx-cell-count>
      rx-cell-count
    </rx-cell-count>
    <tx-cell-count>
      tx-cell-count
    </tx-cell-count>
    <tx-idle-cell-count>
      tx-idle-cell-count
    </tx-idle-cell-count>
    <vc-queue-drops>
      vc-queue-drops
    </vc-queue-drops>
    <no-buffers>
      no-buffers
    </no-buffers>
    <length-errors>
      length-errors
    </length-errors>
```

```

<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</atm-information>

```

Description

<atm-statistics>

Usage

```

<virtual-circuit-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
      uncorrectable-hcs-errors
    </uncorrectable-hcs-errors>
    <correctable-hcs-errors>
      correctable-hcs-errors
    </correctable-hcs-errors>
    <tx-cell-fifo-overruns>
      tx-cell-fifo-overruns
    </tx-cell-fifo-overruns>
    <rx-cell-fifo-overruns>
      rx-cell-fifo-overruns
    </rx-cell-fifo-overruns>
    <rx-cell-fifo-underruns>
      rx-cell-fifo-underruns
    </rx-cell-fifo-underruns>
    <rx-cell-count>
      rx-cell-count
    </rx-cell-count>
    <tx-cell-count>
      tx-cell-count
    </tx-cell-count>
    <tx-idle-cell-count>
      tx-idle-cell-count
    </tx-idle-cell-count>
    <vc-queue-drops>
      vc-queue-drops
    </vc-queue-drops>
    <no-buffers>
      no-buffers
    </no-buffers>
  </atm-statistics>
</virtual-circuit-information>

```

```
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
```

Description

<atm-statistics>

Usage

```
<logical-interface>
<virtual-circuit-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
      uncorrectable-hcs-errors
    </uncorrectable-hcs-errors>
    <correctable-hcs-errors>
      correctable-hcs-errors
    </correctable-hcs-errors>
    <tx-cell-fifo-overruns>
      tx-cell-fifo-overruns
    </tx-cell-fifo-overruns>
    <rx-cell-fifo-overruns>
      rx-cell-fifo-overruns
    </rx-cell-fifo-overruns>
    <rx-cell-fifo-underruns>
      rx-cell-fifo-underruns
    </rx-cell-fifo-underruns>
    <rx-cell-count>
      rx-cell-count
    </rx-cell-count>
    <tx-cell-count>
      tx-cell-count
    </tx-cell-count>
    <tx-idle-cell-count>
      tx-idle-cell-count
    </tx-idle-cell-count>
    <vc-queue-drops>
      vc-queue-drops
```



```

</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>

```

Description

<atm-statistics>

Usage

```

<physical-interface>
  <atm-information>
    <atm-statistics>
      <uncorrectable-hcs-errors>
        uncorrectable-hcs-errors
      </uncorrectable-hcs-errors>
      <correctable-hcs-errors>
        correctable-hcs-errors
      </correctable-hcs-errors>
      <tx-cell-fifo-overruns>
        tx-cell-fifo-overruns
      </tx-cell-fifo-overruns>
      <rx-cell-fifo-overruns>
        rx-cell-fifo-overruns
      </rx-cell-fifo-overruns>
      <rx-cell-fifo-underruns>
        rx-cell-fifo-underruns
      </rx-cell-fifo-underruns>
      <rx-cell-count>
        rx-cell-count
      </rx-cell-count>
      <tx-cell-count>
        tx-cell-count
      </tx-cell-count>
    </atm-statistics>
  </atm-information>
</physical-interface>

```

```
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</atm-information>
</physical-interface>
```

Description

<atm-statistics>

Usage

```
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
      uncorrectable-hcs-errors
    </uncorrectable-hcs-errors>
    <correctable-hcs-errors>
      correctable-hcs-errors
    </correctable-hcs-errors>
    <tx-cell-fifo-overruns>
      tx-cell-fifo-overruns
    </tx-cell-fifo-overruns>
    <rx-cell-fifo-overruns>
      rx-cell-fifo-overruns
    </rx-cell-fifo-overruns>
    <rx-cell-fifo-underruns>
      rx-cell-fifo-underruns
    </rx-cell-fifo-underruns>
```

```

<rx-cell-count>
  rx-cell-count
</rx-cell-count>
<tx-cell-count>
  tx-cell-count
</tx-cell-count>
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>

```

Description

<atm-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <atm-information>
      <atm-statistics>
        <uncorrectable-hcs-errors>
          uncorrectable-hcs-errors
        </uncorrectable-hcs-errors>
        <correctable-hcs-errors>
          correctable-hcs-errors
        </correctable-hcs-errors>
        <tx-cell-fifo-overruns>
          tx-cell-fifo-overruns

```

```
</tx-cell-fifo-overruns>
<rx-cell-fifo-overruns>
  rx-cell-fifo-overruns
</rx-cell-fifo-overruns>
<rx-cell-fifo-underruns>
  rx-cell-fifo-underruns
</rx-cell-fifo-underruns>
<rx-cell-count>
  rx-cell-count
</rx-cell-count>
<tx-cell-count>
  tx-cell-count
</tx-cell-count>
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</atm-information>
</physical-interface>
</interface-information>
```

Description

<atm-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <atm-statistics>
```

```
<uncorrectable-hcs-errors>
  uncorrectable-hcs-errors
</uncorrectable-hcs-errors>
<correctable-hcs-errors>
  correctable-hcs-errors
</correctable-hcs-errors>
<tx-cell-fifo-overruns>
  tx-cell-fifo-overruns
</tx-cell-fifo-overruns>
<rx-cell-fifo-overruns>
  rx-cell-fifo-overruns
</rx-cell-fifo-overruns>
<rx-cell-fifo-underruns>
  rx-cell-fifo-underruns
</rx-cell-fifo-underruns>
<rx-cell-count>
  rx-cell-count
</rx-cell-count>
<tx-cell-count>
  tx-cell-count
</tx-cell-count>
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<atm-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-statistics>
        <uncorrectable-hcs-errors>
          uncorrectable-hcs-errors
        </uncorrectable-hcs-errors>
        <correctable-hcs-errors>
          correctable-hcs-errors
        </correctable-hcs-errors>
        <tx-cell-fifo-overruns>
          tx-cell-fifo-overruns
        </tx-cell-fifo-overruns>
        <rx-cell-fifo-overruns>
          rx-cell-fifo-overruns
        </rx-cell-fifo-overruns>
        <rx-cell-fifo-underruns>
          rx-cell-fifo-underruns
        </rx-cell-fifo-underruns>
        <rx-cell-count>
          rx-cell-count
        </rx-cell-count>
        <tx-cell-count>
          tx-cell-count
        </tx-cell-count>
        <tx-idle-cell-count>
          tx-idle-cell-count
        </tx-idle-cell-count>
        <vc-queue-drops>
          vc-queue-drops
        </vc-queue-drops>
        <no-buffers>
          no-buffers
        </no-buffers>
        <length-errors>
          length-errors
        </length-errors>
        <timeouts>
          timeouts
        </timeouts>
        <bundle-timeouts>
          bundle-timeouts
        </bundle-timeouts>
        <rx-invalid-vcs>
          rx-invalid-vcs
        </rx-invalid-vcs>
        <bad-crcs>
          bad-crcs
        </bad-crcs>
        <oam-cell-no-buffers>
          oam-cell-no-buffers
```

```

        </oam-cell-no-buffers>
      </atm-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description

<atm-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <atm-information>
      <atm-statistics>
        <uncorrectable-hcs-errors>
          uncorrectable-hcs-errors
        </uncorrectable-hcs-errors>
        <correctable-hcs-errors>
          correctable-hcs-errors
        </correctable-hcs-errors>
        <tx-cell-fifo-overruns>
          tx-cell-fifo-overruns
        </tx-cell-fifo-overruns>
        <rx-cell-fifo-overruns>
          rx-cell-fifo-overruns
        </rx-cell-fifo-overruns>
        <rx-cell-fifo-underruns>
          rx-cell-fifo-underruns
        </rx-cell-fifo-underruns>
        <rx-cell-count>
          rx-cell-count
        </rx-cell-count>
        <tx-cell-count>
          tx-cell-count
        </tx-cell-count>
        <tx-idle-cell-count>
          tx-idle-cell-count
        </tx-idle-cell-count>
        <vc-queue-drops>
          vc-queue-drops
        </vc-queue-drops>
        <no-buffers>
          no-buffers
        </no-buffers>
        <length-errors>
          length-errors
        </length-errors>
        <timeouts>
          timeouts
        </timeouts>
        <bundle-timeouts>
          bundle-timeouts
        </bundle-timeouts>
        <rx-invalid-vcs>

```

```
    rx-invalid-vcs
  </rx-invalid-vcs>
  <bad-crcs>
    bad-crcs
  </bad-crcs>
  <oam-cell-no-buffers>
    oam-cell-no-buffers
  </oam-cell-no-buffers>
</atm-statistics>
</atm-information>
</physical-interface>
</interface-filter-information>
```

Description

<atm-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <atm-statistics>
      <uncorrectable-hcs-errors>
        uncorrectable-hcs-errors
      </uncorrectable-hcs-errors>
      <correctable-hcs-errors>
        correctable-hcs-errors
      </correctable-hcs-errors>
      <tx-cell-fifo-overruns>
        tx-cell-fifo-overruns
      </tx-cell-fifo-overruns>
      <rx-cell-fifo-overruns>
        rx-cell-fifo-overruns
      </rx-cell-fifo-overruns>
      <rx-cell-fifo-underruns>
        rx-cell-fifo-underruns
      </rx-cell-fifo-underruns>
      <rx-cell-count>
        rx-cell-count
      </rx-cell-count>
      <tx-cell-count>
        tx-cell-count
      </tx-cell-count>
      <tx-idle-cell-count>
        tx-idle-cell-count
      </tx-idle-cell-count>
      <vc-queue-drops>
        vc-queue-drops
      </vc-queue-drops>
      <no-buffers>
        no-buffers
      </no-buffers>
      <length-errors>
        length-errors
```



```

</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<atm-statistics>

Usage

```

<interface-filter-information>
<logical-interface>
<virtual-circuit-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
      uncorrectable-hcs-errors
    </uncorrectable-hcs-errors>
    <correctable-hcs-errors>
      correctable-hcs-errors
    </correctable-hcs-errors>
    <tx-cell-fifo-overruns>
      tx-cell-fifo-overruns
    </tx-cell-fifo-overruns>
    <rx-cell-fifo-overruns>
      rx-cell-fifo-overruns
    </rx-cell-fifo-overruns>
    <rx-cell-fifo-underruns>
      rx-cell-fifo-underruns
    </rx-cell-fifo-underruns>
    <rx-cell-count>
      rx-cell-count
    </rx-cell-count>
    <tx-cell-count>
      tx-cell-count
    </tx-cell-count>
    <tx-idle-cell-count>
      tx-idle-cell-count
    </tx-idle-cell-count>

```

```
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description

<atm-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<atm-information>
<atm-statistics>
  <uncorrectable-hcs-errors>
    uncorrectable-hcs-errors
  </uncorrectable-hcs-errors>
  <correctable-hcs-errors>
    correctable-hcs-errors
  </correctable-hcs-errors>
  <tx-cell-fifo-overruns>
    tx-cell-fifo-overruns
  </tx-cell-fifo-overruns>
  <rx-cell-fifo-overruns>
    rx-cell-fifo-overruns
  </rx-cell-fifo-overruns>
  <rx-cell-fifo-underruns>
    rx-cell-fifo-underruns
  </rx-cell-fifo-underruns>
  <rx-cell-count>
    rx-cell-count
```

```

</rx-cell-count>
<tx-cell-count>
  tx-cell-count
</tx-cell-count>
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</atm-information>
</physical-interface>
</interface-policer-information>

```

Description

<atm-statistics>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <atm-statistics>
      <uncorrectable-hcs-errors>
        uncorrectable-hcs-errors
      </uncorrectable-hcs-errors>
      <correctable-hcs-errors>
        correctable-hcs-errors
      </correctable-hcs-errors>
      <tx-cell-fifo-overruns>
        tx-cell-fifo-overruns
      </tx-cell-fifo-overruns>
    </atm-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

```
<rx-cell-fifo-overruns>
  rx-cell-fifo-overruns
</rx-cell-fifo-overruns>
<rx-cell-fifo-underruns>
  rx-cell-fifo-underruns
</rx-cell-fifo-underruns>
<rx-cell-count>
  rx-cell-count
</rx-cell-count>
<tx-cell-count>
  tx-cell-count
</tx-cell-count>
<tx-idle-cell-count>
  tx-idle-cell-count
</tx-idle-cell-count>
<vc-queue-drops>
  vc-queue-drops
</vc-queue-drops>
<no-buffers>
  no-buffers
</no-buffers>
<length-errors>
  length-errors
</length-errors>
<timeouts>
  timeouts
</timeouts>
<bundle-timeouts>
  bundle-timeouts
</bundle-timeouts>
<rx-invalid-vcs>
  rx-invalid-vcs
</rx-invalid-vcs>
<bad-crcs>
  bad-crcs
</bad-crcs>
<oam-cell-no-buffers>
  oam-cell-no-buffers
</oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<atm-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<virtual-circuit-information>
  <atm-statistics>
    <uncorrectable-hcs-errors>
```

```

    uncorrectable-hcs-errors
  </uncorrectable-hcs-errors>
  <correctable-hcs-errors>
    correctable-hcs-errors
  </correctable-hcs-errors>
  <tx-cell-fifo-overruns>
    tx-cell-fifo-overruns
  </tx-cell-fifo-overruns>
  <rx-cell-fifo-overruns>
    rx-cell-fifo-overruns
  </rx-cell-fifo-overruns>
  <rx-cell-fifo-underruns>
    rx-cell-fifo-underruns
  </rx-cell-fifo-underruns>
  <rx-cell-count>
    rx-cell-count
  </rx-cell-count>
  <tx-cell-count>
    tx-cell-count
  </tx-cell-count>
  <tx-idle-cell-count>
    tx-idle-cell-count
  </tx-idle-cell-count>
  <vc-queue-drops>
    vc-queue-drops
  </vc-queue-drops>
  <no-buffers>
    no-buffers
  </no-buffers>
  <length-errors>
    length-errors
  </length-errors>
  <timeouts>
    timeouts
  </timeouts>
  <bundle-timeouts>
    bundle-timeouts
  </bundle-timeouts>
  <rx-invalid-vcs>
    rx-invalid-vcs
  </rx-invalid-vcs>
  <bad-crcs>
    bad-crcs
  </bad-crcs>
  <oam-cell-no-buffers>
    oam-cell-no-buffers
  </oam-cell-no-buffers>
</atm-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description

<ber-threshold>

Usage

```
<physical-interface>
  <ber-threshold>
    <ber-sd>
      ber-sd
    </ber-sd>
    <ber-sf>
      ber-sf
    </ber-sf>
  </ber-threshold>
</physical-interface>
```

Description Bit error rate (BER) threshold for SONET interface

<ber-threshold>

Usage

```
<interface-information>
  <physical-interface>
    <ber-threshold>
      <ber-sd>
        ber-sd
      </ber-sd>
      <ber-sf>
        ber-sf
      </ber-sf>
    </ber-threshold>
  </physical-interface>
</interface-information>
```

Description Bit error rate (BER) threshold for SONET interface

<ber-threshold>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ber-threshold>
      <ber-sd>
        ber-sd
      </ber-sd>
      <ber-sf>
        ber-sf
      </ber-sf>
    </ber-threshold>
  </physical-interface>
</interface-filter-information>
```

Description Bit error rate (BER) threshold for SONET interface

<ber-threshold>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ber-threshold>
      <ber-sd>
        ber-sd
      </ber-sd>
      <ber-sf>
        ber-sf
      </ber-sf>
    </ber-threshold>
  </physical-interface>
</interface-policer-information>
```

Description Bit error rate (BER) threshold for SONET interface

<bridge-iff-properties>

Usage

```
<bridge-iff-properties>
  <svlan-ethertype>
    svlan-ethertype
  </svlan-ethertype>
  <eth-switching-flags>....</eth-switching-flags>
</bridge-iff-properties>
```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
      svlan-ethertype
    </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```
<physical-interface>
  <logical-interface>
    <bridge-iff-properties>
      <svlan-ethertype>
```

```
        svlan-ethertype
      </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</physical-interface>
```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
      svlan-ethertype
    </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```
<interface-information>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
      svlan-ethertype
    </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</interface-information>
```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
```



```

        svlan-ethertype
      </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```

<interface-filter-information>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
      svlan-ethertype
    </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</interface-filter-information>

```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>
      svlan-ethertype
    </svlan-ethertype>
    <eth-switching-flags>....</eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Information about Ethernet-switching address family

<bridge-iff-properties>

Usage

```

<interface-policer-information>
<logical-interface>
  <bridge-iff-properties>
    <svlan-ethertype>

```

```
    svlan-ethertype
  </svlan-ethertype>
  <eth-switching-flags>....</eth-switching-flags>
</bridge-iff-properties>
</logical-interface>
</interface-policer-information>
```

Description Information about Ethernet-switching address family

<bundle>

Usage

```
<multilink-traffic-statistics>
  <bundle>
    <multilink-frames>....</multilink-frames>
    <network-frames>....</network-frames>
  </bundle>
</multilink-traffic-statistics>
```

Description

<bundle>

Usage

```
<mlfr-uni-nni-traffic-statistics>
  <bundle>
    <multilink-frames>....</multilink-frames>
    <network-frames>....</network-frames>
  </bundle>
</mlfr-uni-nni-traffic-statistics>
```

Description

<bundle>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <multilink-frames>....</multilink-frames>
      <network-frames>....</network-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
```

Description

<bundle>

Usage

```
<physical-interface>
<logical-interface>
```

```

<multilink-traffic-statistics>
  <bundle>
    <multilink-frames>....</multilink-frames>
    <network-frames>....</network-frames>
  </bundle>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description**<bundle>****Usage**

```

<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>
      <multilink-frames>....</multilink-frames>
      <network-frames>....</network-frames>
    </bundle>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description**<bundle>****Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </bundle>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description**<bundle>****Usage**

```

<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </mlfr-uni-nni-traffic-statistics>

```

```
</physical-interface>
</interface-information>
```

Description

<bundle>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description

<bundle>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </bundle>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<bundle>

Usage

```
<interface-filter-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description**<bundle>****Usage**

```

<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description**<bundle>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </bundle>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description**<bundle>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-policer-information>

```

Description

<bundle>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </bundle>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description

<bundle-detail>

Usage

```
<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <bundle-detail>
      <fragments>....</fragments>
      <non-fragments>....</non-fragments>
      <lfi>....</lfi>
    </bundle-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description

<bundle-detail>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <fragments>....</fragments>
        <non-fragments>....</non-fragments>
        <lfi>....</lfi>
      </bundle-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
```

Description

<bundle-detail>

Usage

```
<physical-interface>
  <logical-interface>
```

```

<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <bundle-detail>
      <fragments>....</fragments>
      <non-fragments>....</non-fragments>
      <lfi>....</lfi>
    </bundle-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description

<bundle-detail>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
          <lfi>....</lfi>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description

<bundle-detail>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
          <lfi>....</lfi>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<bundle-detail>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>
            <fragments>....</fragments>
            <non-fragments>....</non-fragments>
            <lfi>....</lfi>
          </bundle-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<bundle-detail>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
          <lfi>....</lfi>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<bundle-detail>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>
            <fragments>....</fragments>
            <non-fragments>....</non-fragments>
            <lfi>....</lfi>
          </bundle-detail>
        </multilink-detail-statistics>
```



```

    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description**<bundle-detail>****Usage**

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
          <lfi>....</lfi>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description**<cds1-information>****Usage**

```

<cds1-information>
  <interface-tx-queue>....</interface-tx-queue>
</cds1-information>

```

Description**<cds1-information>****Usage**

```

<physical-interface>
  <cds1-information>
    <interface-tx-queue>....</interface-tx-queue>
  </cds1-information>
</physical-interface>

```

Description**<cds1-information>****Usage**

```

<interface-information>
  <physical-interface>
    <cds1-information>
      <interface-tx-queue>....</interface-tx-queue>
    </cds1-information>
  </physical-interface>
</interface-information>

```

```
</cds1-information>
</physical-interface>
</interface-information>
```

Description

<cds1-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <cds1-information>
      <interface-tx-queue>....</interface-tx-queue>
    </cds1-information>
  </physical-interface>
</interface-filter-information>
```

Description

<cds1-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <cds1-information>
      <interface-tx-queue>....</interface-tx-queue>
    </cds1-information>
  </physical-interface>
</interface-policer-information>
```

Description

<cesopsn-information>

Usage

```
<cesopsn-information>
  <ce-packetization-latency>
    ce-packetization-latency
  </ce-packetization-latency>
  <ce-idle-pattern>
    ce-idle-pattern
  </ce-idle-pattern>
  <ce-jitter-buffer-packets>
    ce-jitter-buffer-packets
  </ce-jitter-buffer-packets>
  <ce-jitter-buffer-latency>
    ce-jitter-buffer-latency
  </ce-jitter-buffer-latency>
  <ce-jitter-buffer-auto-adjust>
    ce-jitter-buffer-auto-adjust
  </ce-jitter-buffer-auto-adjust>
  <ce-excessive-packet-loss-rate-sample-period>
    ce-excessive-packet-loss-rate-sample-period
  </ce-excessive-packet-loss-rate-sample-period>
```

```

<ce-excessive-packet-loss-rate-threshold>
  ce-excessive-packet-loss-rate-threshold
</ce-excessive-packet-loss-rate-threshold>
</cesopsn-information>

```

Description

<cesopsn-information>

Usage

```

<physical-interface>
  <cesopsn-information>
    <ce-packetization-latency>
      ce-packetization-latency
    </ce-packetization-latency>
    <ce-idle-pattern>
      ce-idle-pattern
    </ce-idle-pattern>
    <ce-jitter-buffer-packets>
      ce-jitter-buffer-packets
    </ce-jitter-buffer-packets>
    <ce-jitter-buffer-latency>
      ce-jitter-buffer-latency
    </ce-jitter-buffer-latency>
    <ce-jitter-buffer-auto-adjust>
      ce-jitter-buffer-auto-adjust
    </ce-jitter-buffer-auto-adjust>
    <ce-excessive-packet-loss-rate-sample-period>
      ce-excessive-packet-loss-rate-sample-period
    </ce-excessive-packet-loss-rate-sample-period>
    <ce-excessive-packet-loss-rate-threshold>
      ce-excessive-packet-loss-rate-threshold
    </ce-excessive-packet-loss-rate-threshold>
  </cesopsn-information>
</physical-interface>

```

Description

<cesopsn-information>

Usage

```

<interface-information>
  <physical-interface>
    <cesopsn-information>
      <ce-packetization-latency>
        ce-packetization-latency
      </ce-packetization-latency>
      <ce-idle-pattern>
        ce-idle-pattern
      </ce-idle-pattern>
      <ce-jitter-buffer-packets>
        ce-jitter-buffer-packets
      </ce-jitter-buffer-packets>
      <ce-jitter-buffer-latency>

```

```

        ce-jitter-buffer-latency
      </ce-jitter-buffer-latency>
    <ce-jitter-buffer-auto-adjust>
      ce-jitter-buffer-auto-adjust
    </ce-jitter-buffer-auto-adjust>
    <ce-excessive-packet-loss-rate-sample-period>
      ce-excessive-packet-loss-rate-sample-period
    </ce-excessive-packet-loss-rate-sample-period>
    <ce-excessive-packet-loss-rate-threshold>
      ce-excessive-packet-loss-rate-threshold
    </ce-excessive-packet-loss-rate-threshold>
  </cesopsn-information>
</physical-interface>
</interface-information>

```

Description

<cesopsn-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <cesopsn-information>
      <ce-packetization-latency>
        ce-packetization-latency
      </ce-packetization-latency>
      <ce-idle-pattern>
        ce-idle-pattern
      </ce-idle-pattern>
      <ce-jitter-buffer-packets>
        ce-jitter-buffer-packets
      </ce-jitter-buffer-packets>
      <ce-jitter-buffer-latency>
        ce-jitter-buffer-latency
      </ce-jitter-buffer-latency>
      <ce-jitter-buffer-auto-adjust>
        ce-jitter-buffer-auto-adjust
      </ce-jitter-buffer-auto-adjust>
      <ce-excessive-packet-loss-rate-sample-period>
        ce-excessive-packet-loss-rate-sample-period
      </ce-excessive-packet-loss-rate-sample-period>
      <ce-excessive-packet-loss-rate-threshold>
        ce-excessive-packet-loss-rate-threshold
      </ce-excessive-packet-loss-rate-threshold>
    </cesopsn-information>
  </physical-interface>
</interface-filter-information>

```

Description

<cesopsn-information>

Usage

```

<interface-policer-information>

```

```

<physical-interface>
  <cesopsn-information>
    <ce-packetization-latency>
      ce-packetization-latency
    </ce-packetization-latency>
    <ce-idle-pattern>
      ce-idle-pattern
    </ce-idle-pattern>
    <ce-jitter-buffer-packets>
      ce-jitter-buffer-packets
    </ce-jitter-buffer-packets>
    <ce-jitter-buffer-latency>
      ce-jitter-buffer-latency
    </ce-jitter-buffer-latency>
    <ce-jitter-buffer-auto-adjust>
      ce-jitter-buffer-auto-adjust
    </ce-jitter-buffer-auto-adjust>
    <ce-excessive-packet-loss-rate-sample-period>
      ce-excessive-packet-loss-rate-sample-period
    </ce-excessive-packet-loss-rate-sample-period>
    <ce-excessive-packet-loss-rate-threshold>
      ce-excessive-packet-loss-rate-threshold
    </ce-excessive-packet-loss-rate-threshold>
  </cesopsn-information>
</physical-interface>
</interface-policer-information>

```

Description**<chassis-queue-counters>****Usage**

```

<chassis-queue-counters>
  <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
  <queue>....</queue>
</chassis-queue-counters>

```

Description Chassis queue counter statistics**<chassis-queue-counters>****Usage**

```

<physical-interface>
  <chassis-queue-counters>
    <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
    <queue>....</queue>
  </chassis-queue-counters>
</physical-interface>

```

Description Chassis queue counter statistics

<chassis-queue-counters>

Usage

```
<interface-information>
  <physical-interface>
    <chassis-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
    </chassis-queue-counters>
  </physical-interface>
</interface-information>
```

Description Chassis queue counter statistics

<chassis-queue-counters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <chassis-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
    </chassis-queue-counters>
  </physical-interface>
</interface-filter-information>
```

Description Chassis queue counter statistics

<chassis-queue-counters>

Usage

```
<interface-policer-information>
  <physical-interface>
    <chassis-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
    </chassis-queue-counters>
  </physical-interface>
</interface-policer-information>
```

Description Chassis queue counter statistics

<class>

Usage

```
<multilink-traffic-statistics>
  <class>
    <class-info>....</class-info>
    <multilink-frames>....</multilink-frames>
    <network-frames>....</network-frames>
  </class>
```

```
</multilink-traffic-statistics>
```

Description Multilink class traffic statistics

```
<class>
```

Usage

```
<logical-interface>
<multilink-traffic-statistics>
  <class>
    <class-info>....</class-info>
    <multilink-frames>....</multilink-frames>
    <network-frames>....</network-frames>
  </class>
</multilink-traffic-statistics>
</logical-interface>
```

Description Multilink class traffic statistics

```
<class>
```

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <class-info>....</class-info>
      <multilink-frames>....</multilink-frames>
      <network-frames>....</network-frames>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description Multilink class traffic statistics

```
<class>
```

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>....</class-info>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
```

</interface-information>

Description Multilink class traffic statistics

<class>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>....</class-info>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description Multilink class traffic statistics

<class>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>....</class-info>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Multilink class traffic statistics

<class>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>....</class-info>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```



```

    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description Multilink class traffic statistics

<class>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>....</class-info>
          <multilink-frames>....</multilink-frames>
          <network-frames>....</network-frames>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Multilink class traffic statistics

<class>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>....</class-info>
        <multilink-frames>....</multilink-frames>
        <network-frames>....</network-frames>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description Multilink class traffic statistics

<class-detail>

Usage

```

<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <class-detail>
      <class-info>....</class-info>
      <fragments>....</fragments>
      <non-fragments>....</non-fragments>
    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>

```

```
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description

<class-detail>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <class-info>....</class-info>
        <fragments>....</fragments>
        <non-fragments>....</non-fragments>
      </class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
```

Description

<class-detail>

Usage

```
<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>....</class-info>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
```

Description

<class-detail>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <class-detail>
            <class-info>....</class-info>
            <fragments>....</fragments>
            <non-fragments>....</non-fragments>
          </class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

```

    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<class-detail>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>....</class-info>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<class-detail>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <class-detail>
            <class-info>....</class-info>
            <fragments>....</fragments>
            <non-fragments>....</non-fragments>
          </class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<class-detail>

Usage

```

<interface-filter-information>
  <logical-interface>

```

```
<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <class-detail>
      <class-info>....</class-info>
      <fragments>....</fragments>
      <non-fragments>....</non-fragments>
    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description

<class-detail>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <class-detail>
            <class-info>....</class-info>
            <fragments>....</fragments>
            <non-fragments>....</non-fragments>
          </class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<class-detail>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>....</class-info>
          <fragments>....</fragments>
          <non-fragments>....</non-fragments>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description

<class-info>**Usage**

```
<multilink-traffic-statistics>
  <class>
    <class-info>
      <multilink-class-id>
        multilink-class-id
      </multilink-class-id>
    </class-info>
  </class>
</multilink-traffic-statistics>
```

Description Multilink class information

<class-info>**Usage**

```
<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <class-detail>
      <class-info>
        <multilink-class-id>
          multilink-class-id
        </multilink-class-id>
      </class-info>
    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description Multilink class information

<class-info>**Usage**

```
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <class-info>
        <multilink-class-id>
          multilink-class-id
        </multilink-class-id>
      </class-info>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
```

Description Multilink class information

<class-info>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <class-info>
          <multilink-class-id>
            multilink-class-id
          </multilink-class-id>
        </class-info>
      </class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
```

Description Multilink class information

<class-info>

Usage

```
<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>
          <multilink-class-id>
            multilink-class-id
          </multilink-class-id>
        </class-info>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
```

Description Multilink class information

<class-info>

Usage

```
<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class-detail>
```

```

        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>

```

Description Multilink class information

<class-info>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Multilink class information

<class-info>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <class-detail>
            <class-info>
              <multilink-class-id>
                multilink-class-id
              </multilink-class-id>
            </class-info>
          </class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Multilink class information

<class-info>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>
          <multilink-class-id>
            multilink-class-id
          </multilink-class-id>
        </class-info>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description Multilink class information

<class-info>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description Multilink class information

<class-info>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```



```

        </class-info>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Multilink class information

<class-info>

Usage

```

<interface-filter-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <class-info>
          <multilink-class-id>
            multilink-class-id
          </multilink-class-id>
        </class-info>
      </class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Multilink class information

<class-info>

Usage

```

<interface-filter-information>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <class-info>
        <multilink-class-id>
          multilink-class-id
        </multilink-class-id>
      </class-info>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description Multilink class information

<class-info>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description Multilink class information

<class-info>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Multilink class information

<class-info>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <class-detail>
            <class-info>
```

```

        <multilink-class-id>
          multilink-class-id
        </multilink-class-id>
      </class-info>
    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Multilink class information

<class-info>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <class-info>
          <multilink-class-id>
            multilink-class-id
          </multilink-class-id>
        </class-info>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description Multilink class information

<class-info>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <class-info>
            <multilink-class-id>
              multilink-class-id
            </multilink-class-id>
          </class-info>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description Multilink class information

<clocking-mode>

Usage

```
<serial-information>
  <clocking-mode>
    <clock-mode>
      clock-mode
    </clock-mode>
  </clocking-mode>
</serial-information>
```

Description

<clocking-mode>

Usage

```
<physical-interface>
  <serial-information>
    <clocking-mode>
      <clock-mode>
        clock-mode
      </clock-mode>
    </clocking-mode>
  </serial-information>
</physical-interface>
```

Description

<clocking-mode>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <clocking-mode>
        <clock-mode>
          clock-mode
        </clock-mode>
      </clocking-mode>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<clocking-mode>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
```

```

<clocking-mode>
  <clock-mode>
    clock-mode
  </clock-mode>
</clocking-mode>
</serial-information>
</physical-interface>
</interface-filter-information>

```

Description

<clocking-mode>

Usage

```

<interface-policer-information>
  <physical-interface>
    <serial-information>
      <clocking-mode>
        <clock-mode>
          clock-mode
        </clock-mode>
      </clocking-mode>
    </serial-information>
  </physical-interface>
</interface-policer-information>

```

Description

<clocking-rate>

Usage

```

<serial-information>
  <clocking-rate>
    <clock-rate>
      clock-rate
    </clock-rate>
  </clocking-rate>
</serial-information>

```

Description

<clocking-rate>

Usage

```

<physical-interface>
  <serial-information>
    <clocking-rate>
      <clock-rate>
        clock-rate
      </clock-rate>
    </clocking-rate>
  </serial-information>
</physical-interface>

```

Description**<clocking-rate>****Usage**

```
<interface-information>
  <physical-interface>
    <serial-information>
      <clocking-rate>
        <clock-rate>
          clock-rate
        </clock-rate>
      </clocking-rate>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description**<clocking-rate>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <clocking-rate>
        <clock-rate>
          clock-rate
        </clock-rate>
      </clocking-rate>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description**<clocking-rate>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <clocking-rate>
        <clock-rate>
          clock-rate
        </clock-rate>
      </clocking-rate>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<controller>**Usage**

```

<controller>
  <name>
    name
  </name>
  <admin-status>
    admin-status
  </admin-status>
  <oper-status>
    oper-status
  </oper-status>
</controller>

```

Description**<controller>****Usage**

```

<interface-information>
  <controller>
    <name>
      name
    </name>
    <admin-status>
      admin-status
    </admin-status>
    <oper-status>
      oper-status
    </oper-status>
  </controller>
</interface-information>

```

Description**<cos-information>****Usage**

```

<cos-information>
  <cos-stream-information>....</cos-stream-information>
</cos-information>

```

Description Information about class-of-service configuration

<cos-information>**Usage**

```

<physical-interface>
  <cos-information>
    <cos-stream-information>....</cos-stream-information>
  </cos-information>

```

</physical-interface>

Description Information about class-of-service configuration

<cos-information>

Usage

```
<interface-information>
  <physical-interface>
    <cos-information>
      <cos-stream-information>....</cos-stream-information>
    </cos-information>
  </physical-interface>
</interface-information>
```

Description Information about class-of-service configuration

<cos-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <cos-information>
      <cos-stream-information>....</cos-stream-information>
    </cos-information>
  </physical-interface>
</interface-filter-information>
```

Description Information about class-of-service configuration

<cos-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <cos-information>
      <cos-stream-information>....</cos-stream-information>
    </cos-information>
  </physical-interface>
</interface-policer-information>
```

Description Information about class-of-service configuration

<cos-queue-configuration>

Usage

```
<cos-information>
  <cos-stream-information>
    <cos-queue-configuration>
      <cos-queue-number>
```



```

    cos-queue-number
  </cos-queue-number>
  <cos-queue-forwarding-class>
    cos-queue-forwarding-class
  </cos-queue-forwarding-class>
  <cos-queue-bandwidth>
    cos-queue-bandwidth
  </cos-queue-bandwidth>
  <cos-queue-bandwidth-remainder>
    cos-queue-bandwidth-remainder
  </cos-queue-bandwidth-remainder>
  <cos-queue-bandwidth-bps>
    cos-queue-bandwidth-bps
  </cos-queue-bandwidth-bps>
  <cos-queue-bandwidth-bps-remainder>
    cos-queue-bandwidth-bps-remainder
  </cos-queue-bandwidth-bps-remainder>
  <cos-queue-buffer>
    cos-queue-buffer
  </cos-queue-buffer>
  <cos-queue-buffer-remainder>
    cos-queue-buffer-remainder
  </cos-queue-buffer-remainder>
  <cos-queue-buffer-bytes>
    cos-queue-buffer-bytes
  </cos-queue-buffer-bytes>
  <cos-queue-priority>
    cos-queue-priority
  </cos-queue-priority>
  <cos-queue-limit>
    cos-queue-limit
  </cos-queue-limit>
</cos-queue-configuration>
</cos-stream-information>
</cos-information>

```

Description

<cos-queue-configuration>

Usage

```

<physical-interface>
  <cos-information>
    <cos-stream-information>
      <cos-queue-configuration>
        <cos-queue-number>
          cos-queue-number
        </cos-queue-number>
        <cos-queue-forwarding-class>
          cos-queue-forwarding-class
        </cos-queue-forwarding-class>
        <cos-queue-bandwidth>
          cos-queue-bandwidth
        </cos-queue-bandwidth>
        <cos-queue-bandwidth-remainder>

```

```
    cos-queue-bandwidth-remainder
  </cos-queue-bandwidth-remainder>
  <cos-queue-bandwidth-bps>
    cos-queue-bandwidth-bps
  </cos-queue-bandwidth-bps>
  <cos-queue-bandwidth-bps-remainder>
    cos-queue-bandwidth-bps-remainder
  </cos-queue-bandwidth-bps-remainder>
  <cos-queue-buffer>
    cos-queue-buffer
  </cos-queue-buffer>
  <cos-queue-buffer-remainder>
    cos-queue-buffer-remainder
  </cos-queue-buffer-remainder>
  <cos-queue-buffer-bytes>
    cos-queue-buffer-bytes
  </cos-queue-buffer-bytes>
  <cos-queue-priority>
    cos-queue-priority
  </cos-queue-priority>
  <cos-queue-limit>
    cos-queue-limit
  </cos-queue-limit>
</cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
```

Description

<cos-queue-configuration>

Usage

```
<interface-information>
  <physical-interface>
    <cos-information>
      <cos-stream-information>
        <cos-queue-configuration>
          <cos-queue-number>
            cos-queue-number
          </cos-queue-number>
          <cos-queue-forwarding-class>
            cos-queue-forwarding-class
          </cos-queue-forwarding-class>
          <cos-queue-bandwidth>
            cos-queue-bandwidth
          </cos-queue-bandwidth>
          <cos-queue-bandwidth-remainder>
            cos-queue-bandwidth-remainder
          </cos-queue-bandwidth-remainder>
          <cos-queue-bandwidth-bps>
            cos-queue-bandwidth-bps
          </cos-queue-bandwidth-bps>
          <cos-queue-bandwidth-bps-remainder>
            cos-queue-bandwidth-bps-remainder
```

```

    </cos-queue-bandwidth-bps-remainder>
    <cos-queue-buffer>
      cos-queue-buffer
    </cos-queue-buffer>
    <cos-queue-buffer-remainder>
      cos-queue-buffer-remainder
    </cos-queue-buffer-remainder>
    <cos-queue-buffer-bytes>
      cos-queue-buffer-bytes
    </cos-queue-buffer-bytes>
    <cos-queue-priority>
      cos-queue-priority
    </cos-queue-priority>
    <cos-queue-limit>
      cos-queue-limit
    </cos-queue-limit>
  </cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-information>

```

Description

<cos-queue-configuration>

Usage

```

<interface-filter-information>
<physical-interface>
<cos-information>
  <cos-stream-information>
    <cos-queue-configuration>
      <cos-queue-number>
        cos-queue-number
      </cos-queue-number>
      <cos-queue-forwarding-class>
        cos-queue-forwarding-class
      </cos-queue-forwarding-class>
      <cos-queue-bandwidth>
        cos-queue-bandwidth
      </cos-queue-bandwidth>
      <cos-queue-bandwidth-remainder>
        cos-queue-bandwidth-remainder
      </cos-queue-bandwidth-remainder>
      <cos-queue-bandwidth-bps>
        cos-queue-bandwidth-bps
      </cos-queue-bandwidth-bps>
      <cos-queue-bandwidth-bps-remainder>
        cos-queue-bandwidth-bps-remainder
      </cos-queue-bandwidth-bps-remainder>
      <cos-queue-buffer>
        cos-queue-buffer
      </cos-queue-buffer>
      <cos-queue-buffer-remainder>
        cos-queue-buffer-remainder
    </cos-queue-configuration>
  </cos-stream-information>
</cos-information>
</physical-interface>
</interface-filter-information>

```

```
</cos-queue-buffer-remainder>
<cos-queue-buffer-bytes>
  cos-queue-buffer-bytes
</cos-queue-buffer-bytes>
<cos-queue-priority>
  cos-queue-priority
</cos-queue-priority>
<cos-queue-limit>
  cos-queue-limit
</cos-queue-limit>
</cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-filter-information>
```

Description

<cos-queue-configuration>

Usage

```
<interface-policer-information>
<physical-interface>
<cos-information>
  <cos-stream-information>
    <cos-queue-configuration>
      <cos-queue-number>
        cos-queue-number
      </cos-queue-number>
      <cos-queue-forwarding-class>
        cos-queue-forwarding-class
      </cos-queue-forwarding-class>
      <cos-queue-bandwidth>
        cos-queue-bandwidth
      </cos-queue-bandwidth>
      <cos-queue-bandwidth-remainder>
        cos-queue-bandwidth-remainder
      </cos-queue-bandwidth-remainder>
      <cos-queue-bandwidth-bps>
        cos-queue-bandwidth-bps
      </cos-queue-bandwidth-bps>
      <cos-queue-bandwidth-bps-remainder>
        cos-queue-bandwidth-bps-remainder
      </cos-queue-bandwidth-bps-remainder>
      <cos-queue-buffer>
        cos-queue-buffer
      </cos-queue-buffer>
      <cos-queue-buffer-remainder>
        cos-queue-buffer-remainder
      </cos-queue-buffer-remainder>
      <cos-queue-buffer-bytes>
        cos-queue-buffer-bytes
      </cos-queue-buffer-bytes>
      <cos-queue-priority>
        cos-queue-priority
```

```

        </cos-queue-priority>
        <cos-queue-limit>
        cos-queue-limit
        </cos-queue-limit>
    </cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-policer-information>

```

Description

<cos-stream-information>

Usage

```

<cos-information>
  <cos-stream-information>
    <cos-direction>
    cos-direction
    </cos-direction>
    <cos-queue-configuration>....</cos-queue-configuration>
  </cos-stream-information>
</cos-information>

```

Description Information about the traffic stream

<cos-stream-information>

Usage

```

<physical-interface>
  <cos-information>
    <cos-stream-information>
      <cos-direction>
      cos-direction
      </cos-direction>
      <cos-queue-configuration>....</cos-queue-configuration>
    </cos-stream-information>
  </cos-information>
</physical-interface>

```

Description Information about the traffic stream

<cos-stream-information>

Usage

```

<interface-information>
  <physical-interface>
    <cos-information>
      <cos-stream-information>
        <cos-direction>
        cos-direction
        </cos-direction>

```

```
<cos-queue-configuration>....</cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-information>
```

Description Information about the traffic stream

<cos-stream-information>

Usage

```
<interface-filter-information>
<physical-interface>
<cos-information>
<cos-stream-information>
<cos-direction>
  cos-direction
</cos-direction>
<cos-queue-configuration>....</cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-filter-information>
```

Description Information about the traffic stream

<cos-stream-information>

Usage

```
<interface-policer-information>
<physical-interface>
<cos-information>
<cos-stream-information>
<cos-direction>
  cos-direction
</cos-direction>
<cos-queue-configuration>....</cos-queue-configuration>
</cos-stream-information>
</cos-information>
</physical-interface>
</interface-policer-information>
```

Description Information about the traffic stream

<crtp>

Usage

```
<multilink-traffic-statistics>
<crtp>
<crtp-sessions>....</crtp-sessions>
<crtp-statistics>....</crtp-statistics>
```

| | | |
|---------------------|--------------------|---|
| | | <pre> </crtp> </multilink-traffic-statistics> </pre> |
| | Description | |
| <crtp> | Usage | <pre> <logical-interface> <multilink-traffic-statistics> <crtp> <crtp-sessions>....</crtp-sessions> <crtp-statistics>....</crtp-statistics> </crtp> </multilink-traffic-statistics> </logical-interface> </pre> |
| | Description | |
| <crtp> | Usage | <pre> <physical-interface> <logical-interface> <multilink-traffic-statistics> <crtp> <crtp-sessions>....</crtp-sessions> <crtp-statistics>....</crtp-statistics> </crtp> </multilink-traffic-statistics> </logical-interface> </physical-interface> </pre> |
| | Description | |
| <crtp> | Usage | <pre> <interface-information> <physical-interface> <logical-interface> <multilink-traffic-statistics> <crtp> <crtp-sessions>....</crtp-sessions> <crtp-statistics>....</crtp-statistics> </crtp> </multilink-traffic-statistics> </logical-interface> </physical-interface> </interface-information> </pre> |
| | Description | |

<crtp>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-sessions>....</crtp-sessions>
        <crtp-statistics>....</crtp-statistics>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description

<crtp>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-sessions>....</crtp-sessions>
          <crtp-statistics>....</crtp-statistics>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<crtp>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-sessions>....</crtp-sessions>
        <crtp-statistics>....</crtp-statistics>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<crtp>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-sessions>....</crtp-sessions>
          <crtp-statistics>....</crtp-statistics>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description**<crtp>****Usage**

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-sessions>....</crtp-sessions>
        <crtp-statistics>....</crtp-statistics>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description**<crtp-sessions>****Usage**

```

<multilink-traffic-statistics>
  <crtp>
    <crtp-sessions>
      <input-frames>
        input-frames
      </input-frames>
      <output-frames>
        output-frames
      </output-frames>
    </crtp-sessions>
  </crtp>
</multilink-traffic-statistics>

```

Description

<crtp-sessions>

Usage

```
<logical-interface>
<multilink-traffic-statistics>
  <crtp>
    <crtp-sessions>
      <input-frames>
        input-frames
      </input-frames>
      <output-frames>
        output-frames
      </output-frames>
    </crtp-sessions>
  </crtp>
</multilink-traffic-statistics>
</logical-interface>
```

Description

<crtp-sessions>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <crtp>
      <crtp-sessions>
        <input-frames>
          input-frames
        </input-frames>
        <output-frames>
          output-frames
        </output-frames>
      </crtp-sessions>
    </crtp>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<crtp-sessions>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-sessions>
            <input-frames>
              input-frames
            </input-frames>
```

```

        <output-frames>
          output-frames
        </output-frames>
      </crtp-sessions>
    </crtp>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<crtp-sessions>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-sessions>
          <input-frames>
            input-frames
          </input-frames>
          <output-frames>
            output-frames
          </output-frames>
        </crtp-sessions>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<crtp-sessions>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-sessions>
            <input-frames>
              input-frames
            </input-frames>
            <output-frames>
              output-frames
            </output-frames>
          </crtp-sessions>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>

```

</interface-filter-information>

Description

<crtp-sessions>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-sessions>
          <input-frames>
            input-frames
          </input-frames>
          <output-frames>
            output-frames
          </output-frames>
        </crtp-sessions>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<crtp-sessions>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-sessions>
            <input-frames>
              input-frames
            </input-frames>
            <output-frames>
              output-frames
            </output-frames>
          </crtp-sessions>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<crtp-sessions>

Usage

```
<interface-policer-information>
```

```

<logical-interface>
  <multilink-traffic-statistics>
    <crtp>
      <crtp-sessions>
        <input-frames>
          input-frames
        </input-frames>
        <output-frames>
          output-frames
        </output-frames>
      </crtp-sessions>
    </crtp>
  </multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description

<crtp-statistics>

Usage

```

<multilink-traffic-statistics>
  <crtp>
    <crtp-statistics>
      <name>
        name
      </name>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </crtp-statistics>
  </crtp>
</multilink-traffic-statistics>

```

Description**<crtp-statistics>****Usage**

```
<logical-interface>
  <multilink-traffic-statistics>
    <crtp>
      <crtp-statistics>
        <name>
          name
        </name>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </crtp-statistics>
    </crtp>
  </multilink-traffic-statistics>
</logical-interface>
```

Description**<crtp-statistics>****Usage**

```
<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-statistics>
          <name>
            name
          </name>
          <input-frames>
```

```

        input-frames
      </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </crtp-statistics>
</crtp>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description

<crtp-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-statistics>
            <name>
              name
            </name>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
          </crtp-statistics>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

```
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</crtp-statistics>
</crtp>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<crtp-statistics>

Usage

```
<interface-information>
<logical-interface>
  <multilink-traffic-statistics>
    <crtp>
      <crtp-statistics>
        <name>
          name
        </name>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
```



```

        </output-bps>
      </crtp-statistics>
    </crtp>
  </multilink-traffic-statistics>
</logical-interface>
</interface-information>

```

Description

<crtp-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-statistics>
            <name>
              name
            </name>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </crtp-statistics>
        </crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<crtp-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-statistics>
          <name>
            name
          </name>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </crtp-statistics>
      </crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<crtp-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <crtp>
          <crtp-statistics>
            <name>
              name
            </name>
```

```

    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </crtp-statistics>
</crtp>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<crtp-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <crtp>
        <crtp-statistics>
          <name>
            name
          </name>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps

```

```
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</crtp-statistics>
</crtp>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description

<ct3-information>

Usage

```
<ct3-information>
  <interface-tx-queue>....</interface-tx-queue>
</ct3-information>
```

Description

<ct3-information>

Usage

```
<physical-interface>
  <ct3-information>
    <interface-tx-queue>....</interface-tx-queue>
  </ct3-information>
</physical-interface>
```

Description

<ct3-information>

Usage

```
<interface-information>
  <physical-interface>
    <ct3-information>
      <interface-tx-queue>....</interface-tx-queue>
    </ct3-information>
  </physical-interface>
</interface-information>
```

Description**<ct3-information>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <ct3-information>
      <interface-tx-queue>....</interface-tx-queue>
    </ct3-information>
  </physical-interface>
</interface-filter-information>
```

Description**<ct3-information>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <ct3-information>
      <interface-tx-queue>....</interface-tx-queue>
    </ct3-information>
  </physical-interface>
</interface-policer-information>
```

Description**<data-signal>****Usage**

```
<serial-information>
  <data-signal>
    <rx-clock>
      rx-clock
    </rx-clock>
  </data-signal>
</serial-information>
```

Description**<data-signal>****Usage**

```
<physical-interface>
  <serial-information>
    <data-signal>
      <rx-clock>
        rx-clock
      </rx-clock>
    </data-signal>
  </serial-information>
</physical-interface>
```

Description**<data-signal>****Usage**

```
<interface-information>
  <physical-interface>
    <serial-information>
      <data-signal>
        <rx-clock>
          rx-clock
        </rx-clock>
      </data-signal>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description**<data-signal>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <data-signal>
        <rx-clock>
          rx-clock
        </rx-clock>
      </data-signal>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description**<data-signal>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <data-signal>
        <rx-clock>
          rx-clock
        </rx-clock>
      </data-signal>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<demux-information>**Usage**

```

<logical-interface>
  <demux-information>
    <demux-interface>....</demux-interface>
  </demux-information>
</logical-interface>

```

Description Demux information

<demux-information>**Usage**

```

<physical-interface>
  <logical-interface>
    <demux-information>
      <demux-interface>....</demux-interface>
    </demux-information>
  </logical-interface>
</physical-interface>

```

Description Demux information

<demux-information>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <demux-information>
        <demux-interface>....</demux-interface>
      </demux-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Demux information

<demux-information>**Usage**

```

<interface-information>
  <logical-interface>
    <demux-information>
      <demux-interface>....</demux-interface>
    </demux-information>
  </logical-interface>
</interface-information>

```

Description Demux information

<demux-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <demux-information>
        <demux-interface>.....</demux-interface>
      </demux-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Demux information

<demux-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <demux-information>
      <demux-interface>.....</demux-interface>
    </demux-information>
  </logical-interface>
</interface-filter-information>
```

Description Demux information

<demux-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <demux-information>
        <demux-interface>.....</demux-interface>
      </demux-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Demux information

<demux-information>

Usage

```
<interface-policer-information>
  <logical-interface>
    <demux-information>
```



```

        <demux-interface>....</demux-interface>
    </demux-information>
</logical-interface>
</interface-policer-information>

```

Description Demux information

<demux-interface>

Usage

```

<logical-interface>
  <demux-interface>
    <demux-underlying-interface-name>
      demux-underlying-interface-name
    </demux-underlying-interface-name>
    <demux-underlying-interface-index>
      demux-underlying-interface-index
    </demux-underlying-interface-index>
    <demux-inet-prefix-type>
      demux-inet-prefix-type
    </demux-inet-prefix-type>
    <demux-inet-prefix-count>
      demux-inet-prefix-count
    </demux-inet-prefix-count>
    <demux-inet-prefix>
      demux-inet-prefix
    </demux-inet-prefix>
    <demux-inet6-prefix-type>
      demux-inet6-prefix-type
    </demux-inet6-prefix-type>
    <demux-inet6-prefix-count>
      demux-inet6-prefix-count
    </demux-inet6-prefix-count>
    <demux-inet6-prefix>
      demux-inet6-prefix
    </demux-inet6-prefix>
  </demux-interface>
</logical-interface>

```

Description

<demux-interface>

Usage

```

<logical-interface>
  <demux-information>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>

```

```
    demux-inet-prefix-type
  </demux-inet-prefix-type>
  <demux-inet-prefix-count>
    demux-inet-prefix-count
  </demux-inet-prefix-count>
  <demux-inet-prefix>
    demux-inet-prefix
  </demux-inet-prefix>
  <demux-inet6-prefix-type>
    demux-inet6-prefix-type
  </demux-inet6-prefix-type>
  <demux-inet6-prefix-count>
    demux-inet6-prefix-count
  </demux-inet6-prefix-count>
  <demux-inet6-prefix>
    demux-inet6-prefix
  </demux-inet6-prefix>
</demux-interface>
</demux-information>
</logical-interface>
```

Description

<demux-interface>

Usage

```
<physical-interface>
<logical-interface>
  <demux-interface>
    <demux-underlying-interface-name>
      demux-underlying-interface-name
    </demux-underlying-interface-name>
    <demux-underlying-interface-index>
      demux-underlying-interface-index
    </demux-underlying-interface-index>
    <demux-inet-prefix-type>
      demux-inet-prefix-type
    </demux-inet-prefix-type>
    <demux-inet-prefix-count>
      demux-inet-prefix-count
    </demux-inet-prefix-count>
    <demux-inet-prefix>
      demux-inet-prefix
    </demux-inet-prefix>
    <demux-inet6-prefix-type>
      demux-inet6-prefix-type
    </demux-inet6-prefix-type>
    <demux-inet6-prefix-count>
      demux-inet6-prefix-count
    </demux-inet6-prefix-count>
    <demux-inet6-prefix>
      demux-inet6-prefix
    </demux-inet6-prefix>
  </demux-interface>
</logical-interface>
```

```
</physical-interface>
```

Description

<demux-interface>

Usage

```
<physical-interface>
<logical-interface>
  <demux-information>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
      <demux-inet-prefix>
        demux-inet-prefix
      </demux-inet-prefix>
      <demux-inet6-prefix-type>
        demux-inet6-prefix-type
      </demux-inet6-prefix-type>
      <demux-inet6-prefix-count>
        demux-inet6-prefix-count
      </demux-inet6-prefix-count>
      <demux-inet6-prefix>
        demux-inet6-prefix
      </demux-inet6-prefix>
    </demux-interface>
  </demux-information>
</logical-interface>
</physical-interface>
```

Description

<demux-interface>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <demux-interface>
        <demux-underlying-interface-name>
          demux-underlying-interface-name
        </demux-underlying-interface-name>
        <demux-underlying-interface-index>
          demux-underlying-interface-index
```

```
</demux-underlying-interface-index>
<demux-inet-prefix-type>
  demux-inet-prefix-type
</demux-inet-prefix-type>
<demux-inet-prefix-count>
  demux-inet-prefix-count
</demux-inet-prefix-count>
<demux-inet-prefix>
  demux-inet-prefix
</demux-inet-prefix>
<demux-inet6-prefix-type>
  demux-inet6-prefix-type
</demux-inet6-prefix-type>
<demux-inet6-prefix-count>
  demux-inet6-prefix-count
</demux-inet6-prefix-count>
<demux-inet6-prefix>
  demux-inet6-prefix
</demux-inet6-prefix>
</demux-interface>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<demux-interface>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <demux-information>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
      <demux-inet-prefix>
        demux-inet-prefix
      </demux-inet-prefix>
      <demux-inet6-prefix-type>
        demux-inet6-prefix-type
      </demux-inet6-prefix-type>
      <demux-inet6-prefix-count>
        demux-inet6-prefix-count
      </demux-inet6-prefix-count>
```

```

    <demux-inet6-prefix>
      demux-inet6-prefix
    </demux-inet6-prefix>
  </demux-interface>
</demux-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<demux-interface>

Usage

```

<interface-information>
  <logical-interface>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
      <demux-inet-prefix>
        demux-inet-prefix
      </demux-inet-prefix>
      <demux-inet6-prefix-type>
        demux-inet6-prefix-type
      </demux-inet6-prefix-type>
      <demux-inet6-prefix-count>
        demux-inet6-prefix-count
      </demux-inet6-prefix-count>
      <demux-inet6-prefix>
        demux-inet6-prefix
      </demux-inet6-prefix>
    </demux-interface>
  </logical-interface>
</interface-information>

```

Description

<demux-interface>

Usage

```

<interface-information>
  <logical-interface>
    <demux-information>
      <demux-interface>

```

```

<demux-underlying-interface-name>
  demux-underlying-interface-name
</demux-underlying-interface-name>
<demux-underlying-interface-index>
  demux-underlying-interface-index
</demux-underlying-interface-index>
<demux-inet-prefix-type>
  demux-inet-prefix-type
</demux-inet-prefix-type>
<demux-inet-prefix-count>
  demux-inet-prefix-count
</demux-inet-prefix-count>
<demux-inet-prefix>
  demux-inet-prefix
</demux-inet-prefix>
<demux-inet6-prefix-type>
  demux-inet6-prefix-type
</demux-inet6-prefix-type>
<demux-inet6-prefix-count>
  demux-inet6-prefix-count
</demux-inet6-prefix-count>
<demux-inet6-prefix>
  demux-inet6-prefix
</demux-inet6-prefix>
</demux-interface>
</demux-information>
</logical-interface>
</interface-information>

```

Description

<demux-interface>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
      <demux-inet-prefix>
        demux-inet-prefix
      </demux-inet-prefix>
      <demux-inet6-prefix-type>
        demux-inet6-prefix-type

```

```

</demux-inet6-prefix-type>
<demux-inet6-prefix-count>
  demux-inet6-prefix-count
</demux-inet6-prefix-count>
<demux-inet6-prefix>
  demux-inet6-prefix
</demux-inet6-prefix>
</demux-interface>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<demux-interface>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <demux-information>
      <demux-interface>
        <demux-underlying-interface-name>
          demux-underlying-interface-name
        </demux-underlying-interface-name>
        <demux-underlying-interface-index>
          demux-underlying-interface-index
        </demux-underlying-interface-index>
        <demux-inet-prefix-type>
          demux-inet-prefix-type
        </demux-inet-prefix-type>
        <demux-inet-prefix-count>
          demux-inet-prefix-count
        </demux-inet-prefix-count>
        <demux-inet-prefix>
          demux-inet-prefix
        </demux-inet-prefix>
        <demux-inet6-prefix-type>
          demux-inet6-prefix-type
        </demux-inet6-prefix-type>
        <demux-inet6-prefix-count>
          demux-inet6-prefix-count
        </demux-inet6-prefix-count>
        <demux-inet6-prefix>
          demux-inet6-prefix
        </demux-inet6-prefix>
      </demux-interface>
    </demux-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<demux-interface>

Usage

```
<interface-filter-information>
<logical-interface>
  <demux-interface>
    <demux-underlying-interface-name>
      demux-underlying-interface-name
    </demux-underlying-interface-name>
    <demux-underlying-interface-index>
      demux-underlying-interface-index
    </demux-underlying-interface-index>
    <demux-inet-prefix-type>
      demux-inet-prefix-type
    </demux-inet-prefix-type>
    <demux-inet-prefix-count>
      demux-inet-prefix-count
    </demux-inet-prefix-count>
    <demux-inet-prefix>
      demux-inet-prefix
    </demux-inet-prefix>
    <demux-inet6-prefix-type>
      demux-inet6-prefix-type
    </demux-inet6-prefix-type>
    <demux-inet6-prefix-count>
      demux-inet6-prefix-count
    </demux-inet6-prefix-count>
    <demux-inet6-prefix>
      demux-inet6-prefix
    </demux-inet6-prefix>
  </demux-interface>
</logical-interface>
</interface-filter-information>
```

Description

<demux-interface>

Usage

```
<interface-filter-information>
<logical-interface>
  <demux-information>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
```



```

    <demux-inet-prefix>
      demux-inet-prefix
    </demux-inet-prefix>
    <demux-inet6-prefix-type>
      demux-inet6-prefix-type
    </demux-inet6-prefix-type>
    <demux-inet6-prefix-count>
      demux-inet6-prefix-count
    </demux-inet6-prefix-count>
    <demux-inet6-prefix>
      demux-inet6-prefix
    </demux-inet6-prefix>
  </demux-interface>
</demux-information>
</logical-interface>
</interface-filter-information>

```

Description

<demux-interface>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
        demux-inet-prefix-type
      </demux-inet-prefix-type>
      <demux-inet-prefix-count>
        demux-inet-prefix-count
      </demux-inet-prefix-count>
      <demux-inet-prefix>
        demux-inet-prefix
      </demux-inet-prefix>
      <demux-inet6-prefix-type>
        demux-inet6-prefix-type
      </demux-inet6-prefix-type>
      <demux-inet6-prefix-count>
        demux-inet6-prefix-count
      </demux-inet6-prefix-count>
      <demux-inet6-prefix>
        demux-inet6-prefix
      </demux-inet6-prefix>
    </demux-interface>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description**<demux-interface>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <demux-information>
        <demux-interface>
          <demux-underlying-interface-name>
            demux-underlying-interface-name
          </demux-underlying-interface-name>
          <demux-underlying-interface-index>
            demux-underlying-interface-index
          </demux-underlying-interface-index>
          <demux-inet-prefix-type>
            demux-inet-prefix-type
          </demux-inet-prefix-type>
          <demux-inet-prefix-count>
            demux-inet-prefix-count
          </demux-inet-prefix-count>
          <demux-inet-prefix>
            demux-inet-prefix
          </demux-inet-prefix>
          <demux-inet6-prefix-type>
            demux-inet6-prefix-type
          </demux-inet6-prefix-type>
          <demux-inet6-prefix-count>
            demux-inet6-prefix-count
          </demux-inet6-prefix-count>
          <demux-inet6-prefix>
            demux-inet6-prefix
          </demux-inet6-prefix>
        </demux-interface>
      </demux-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description**<demux-interface>****Usage**

```
<interface-policer-information>
  <logical-interface>
    <demux-interface>
      <demux-underlying-interface-name>
        demux-underlying-interface-name
      </demux-underlying-interface-name>
      <demux-underlying-interface-index>
        demux-underlying-interface-index
      </demux-underlying-interface-index>
      <demux-inet-prefix-type>
```

```

    demux-inet-prefix-type
  </demux-inet-prefix-type>
  <demux-inet-prefix-count>
    demux-inet-prefix-count
  </demux-inet-prefix-count>
  <demux-inet-prefix>
    demux-inet-prefix
  </demux-inet-prefix>
  <demux-inet6-prefix-type>
    demux-inet6-prefix-type
  </demux-inet6-prefix-type>
  <demux-inet6-prefix-count>
    demux-inet6-prefix-count
  </demux-inet6-prefix-count>
  <demux-inet6-prefix>
    demux-inet6-prefix
  </demux-inet6-prefix>
</demux-interface>
</logical-interface>
</interface-policer-information>

```

Description

<demux-interface>

Usage

```

<interface-policer-information>
  <logical-interface>
    <demux-information>
      <demux-interface>
        <demux-underlying-interface-name>
          demux-underlying-interface-name
        </demux-underlying-interface-name>
        <demux-underlying-interface-index>
          demux-underlying-interface-index
        </demux-underlying-interface-index>
        <demux-inet-prefix-type>
          demux-inet-prefix-type
        </demux-inet-prefix-type>
        <demux-inet-prefix-count>
          demux-inet-prefix-count
        </demux-inet-prefix-count>
        <demux-inet-prefix>
          demux-inet-prefix
        </demux-inet-prefix>
        <demux-inet6-prefix-type>
          demux-inet6-prefix-type
        </demux-inet6-prefix-type>
        <demux-inet6-prefix-count>
          demux-inet6-prefix-count
        </demux-inet6-prefix-count>
        <demux-inet6-prefix>
          demux-inet6-prefix
        </demux-inet6-prefix>
      </demux-interface>
    </demux-information>
  </logical-interface>
</interface-policer-information>

```

```
</demux-information>
</logical-interface>
</interface-policer-information>
```

Description

<destination-class>

Usage

```
<destination-class-statistics>
  <destination-class>
    <dcu-class-name>
      dcu-class-name
    </dcu-class-name>
    <dcu-class-packets>
      dcu-class-packets
    </dcu-class-packets>
    <dcu-class-bytes>
      dcu-class-bytes
    </dcu-class-bytes>
    <dcu-class-pps>
      dcu-class-pps
    </dcu-class-pps>
    <dcu-class-bps>
      dcu-class-bps
    </dcu-class-bps>
  </destination-class>
</destination-class-statistics>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<address-family>
  <destination-class-statistics>
    <destination-class>
      <dcu-class-name>
        dcu-class-name
      </dcu-class-name>
      <dcu-class-packets>
        dcu-class-packets
      </dcu-class-packets>
      <dcu-class-bytes>
        dcu-class-bytes
      </dcu-class-bytes>
      <dcu-class-pps>
        dcu-class-pps
      </dcu-class-pps>
      <dcu-class-bps>
        dcu-class-bps
      </dcu-class-bps>
    </destination-class>
  </destination-class-statistics>
```

```
</address-family>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<logical-interface>
<address-family>
  <destination-class-statistics>
    <destination-class>
      <dcu-class-name>
        dcu-class-name
      </dcu-class-name>
      <dcu-class-packets>
        dcu-class-packets
      </dcu-class-packets>
      <dcu-class-bytes>
        dcu-class-bytes
      </dcu-class-bytes>
      <dcu-class-pps>
        dcu-class-pps
      </dcu-class-pps>
      <dcu-class-bps>
        dcu-class-bps
      </dcu-class-bps>
    </destination-class>
  </destination-class-statistics>
</address-family>
</logical-interface>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<physical-interface>
<logical-interface>
  <address-family>
    <destination-class-statistics>
      <destination-class>
        <dcu-class-name>
          dcu-class-name
        </dcu-class-name>
        <dcu-class-packets>
          dcu-class-packets
        </dcu-class-packets>
        <dcu-class-bytes>
          dcu-class-bytes
        </dcu-class-bytes>
        <dcu-class-pps>
          dcu-class-pps
        </dcu-class-pps>
```

```
<dcu-class-bps>
  dcu-class-bps
</dcu-class-bps>
</destination-class>
</destination-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<address-family>
  <destination-class-statistics>
    <destination-class>
      <dcu-class-name>
        dcu-class-name
      </dcu-class-name>
      <dcu-class-packets>
        dcu-class-packets
      </dcu-class-packets>
      <dcu-class-bytes>
        dcu-class-bytes
      </dcu-class-bytes>
      <dcu-class-pps>
        dcu-class-pps
      </dcu-class-pps>
      <dcu-class-bps>
        dcu-class-bps
      </dcu-class-bps>
    </destination-class>
  </destination-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<interface-information>
<logical-interface>
<address-family>
  <destination-class-statistics>
    <destination-class>
      <dcu-class-name>
```

```

    dcu-class-name
  </dcu-class-name>
  <dcu-class-packets>
    dcu-class-packets
  </dcu-class-packets>
  <dcu-class-bytes>
    dcu-class-bytes
  </dcu-class-bytes>
  <dcu-class-pps>
    dcu-class-pps
  </dcu-class-pps>
  <dcu-class-bps>
    dcu-class-bps
  </dcu-class-bps>
</destination-class>
</destination-class-statistics>
</address-family>
</logical-interface>
</interface-information>

```

Description DCU statistics for a single class

<destination-class>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>
          <dcu-class-name>
            dcu-class-name
          </dcu-class-name>
          <dcu-class-packets>
            dcu-class-packets
          </dcu-class-packets>
          <dcu-class-bytes>
            dcu-class-bytes
          </dcu-class-bytes>
          <dcu-class-pps>
            dcu-class-pps
          </dcu-class-pps>
          <dcu-class-bps>
            dcu-class-bps
          </dcu-class-bps>
        </destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description DCU statistics for a single class

<destination-class>

Usage

```
<interface-filter-information>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>
          <dcu-class-name>
            dcu-class-name
          </dcu-class-name>
          <dcu-class-packets>
            dcu-class-packets
          </dcu-class-packets>
          <dcu-class-bytes>
            dcu-class-bytes
          </dcu-class-bytes>
          <dcu-class-pps>
            dcu-class-pps
          </dcu-class-pps>
          <dcu-class-bps>
            dcu-class-bps
          </dcu-class-bps>
        </destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</interface-filter-information>
```

Description DCU statistics for a single class

<destination-class>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <destination-class-statistics>
          <destination-class>
            <dcu-class-name>
              dcu-class-name
            </dcu-class-name>
            <dcu-class-packets>
              dcu-class-packets
            </dcu-class-packets>
            <dcu-class-bytes>
              dcu-class-bytes
            </dcu-class-bytes>
            <dcu-class-pps>
              dcu-class-pps
            </dcu-class-pps>
          </destination-class>
        </destination-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```



```

    <dcu-class-bps>
      dcu-class-bps
    </dcu-class-bps>
  </destination-class>
</destination-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description DCU statistics for a single class

<destination-class>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>
          <dcu-class-name>
            dcu-class-name
          </dcu-class-name>
          <dcu-class-packets>
            dcu-class-packets
          </dcu-class-packets>
          <dcu-class-bytes>
            dcu-class-bytes
          </dcu-class-bytes>
          <dcu-class-pps>
            dcu-class-pps
          </dcu-class-pps>
          <dcu-class-bps>
            dcu-class-bps
          </dcu-class-bps>
        </destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</interface-policer-information>

```

Description DCU statistics for a single class

<destination-class-statistics>

Usage

```

<destination-class-statistics>
  <destination-class>....</destination-class>
</destination-class-statistics>

```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<address-family>
  <destination-class-statistics>
    <destination-class>....</destination-class>
  </destination-class-statistics>
</address-family>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<logical-interface>
  <address-family>
    <destination-class-statistics>
      <destination-class>....</destination-class>
    </destination-class-statistics>
  </address-family>
</logical-interface>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>....</destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</physical-interface>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <destination-class-statistics>
          <destination-class>....</destination-class>
        </destination-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
```

```
</physical-interface>
</interface-information>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>....</destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</interface-information>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <destination-class-statistics>
          <destination-class>....</destination-class>
        </destination-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>....</destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</interface-filter-information>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <destination-class-statistics>
          <destination-class>....</destination-class>
        </destination-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Destination class usage (DCU) statistics

<destination-class-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <address-family>
      <destination-class-statistics>
        <destination-class>....</destination-class>
      </destination-class-statistics>
    </address-family>
  </logical-interface>
</interface-policer-information>
```

Description Destination class usage (DCU) statistics

<dial-string-list>

Usage

```
<dial-string-list>
  <dial-string>
    dial-string
  </dial-string>
</dial-string-list>
```

Description

<dial-string-list>

Usage

```
<dialer-interface>
  <dial-string-list>
    <dial-string>
      dial-string
    </dial-string>
  </dial-string-list>
</dialer-interface>
```

```

    </dial-string>
  </dial-string-list>
</dialer-interface>

```

Description**<dial-string-list>****Usage**

```

<dialer-interface-information>
  <dialer-interface>
    <dial-string-list>
      <dial-string>
        dial-string
      </dial-string>
    </dial-string-list>
  </dialer-interface>
</dialer-interface-information>

```

Description**<dial-string-list>****Usage**

```

<logical-interface>
  <dialer-information>
    <dialer-interface>
      <dial-string-list>
        <dial-string>
          dial-string
        </dial-string>
      </dial-string-list>
    </dialer-interface>
  </dialer-information>
</logical-interface>

```

Description**<dial-string-list>****Usage**

```

<physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dial-string-list>
          <dial-string>
            dial-string
          </dial-string>
        </dial-string-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>

```

</physical-interface>

Description

<dial-string-list>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <dial-string-list>
            <dial-string>
              dial-string
            </dial-string>
          </dial-string-list>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<dial-string-list>

Usage

```
<interface-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dial-string-list>
          <dial-string>
            dial-string
          </dial-string>
        </dial-string-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-information>
```

Description

<dial-string-list>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <dial-string-list>
            <dial-string>
```

```

        dial-string
      </dial-string>
    </dial-string-list>
  </dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<dial-string-list>

Usage

```

<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dial-string-list>
          <dial-string>
            dial-string
          </dial-string>
        </dial-string-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-filter-information>

```

Description

<dial-string-list>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <dial-string-list>
            <dial-string>
              dial-string
            </dial-string>
          </dial-string-list>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<dial-string-list>

Usage

```
<interface-policer-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dial-string-list>
          <dial-string>
            dial-string
          </dial-string>
        </dial-string-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-policer-information>
```

Description

<dialer-information>

Usage

```
<logical-interface>
  <dialer-information>
    <dialer-interface>....</dialer-interface>
    <dialer-time-to-disconnect>
      dialer-time-to-disconnect
    </dialer-time-to-disconnect>
  </dialer-information>
</logical-interface>
```

Description Dialer information

<dialer-information>

Usage

```
<physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>....</dialer-interface>
      <dialer-time-to-disconnect>
        dialer-time-to-disconnect
      </dialer-time-to-disconnect>
    </dialer-information>
  </logical-interface>
</physical-interface>
```

Description Dialer information

<dialer-information>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>....</dialer-interface>
        <dialer-time-to-disconnect>
          dialer-time-to-disconnect
        </dialer-time-to-disconnect>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Dialer information

<dialer-information>**Usage**

```

<interface-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>....</dialer-interface>
      <dialer-time-to-disconnect>
        dialer-time-to-disconnect
      </dialer-time-to-disconnect>
    </dialer-information>
  </logical-interface>
</interface-information>

```

Description Dialer information

<dialer-information>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>....</dialer-interface>
        <dialer-time-to-disconnect>
          dialer-time-to-disconnect
        </dialer-time-to-disconnect>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Dialer information

<dialer-information>**Usage**

```
<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>....</dialer-interface>
      <dialer-time-to-disconnect>
        dialer-time-to-disconnect
      </dialer-time-to-disconnect>
    </dialer-information>
  </logical-interface>
</interface-filter-information>
```

Description Dialer information

<dialer-information>**Usage**

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>....</dialer-interface>
        <dialer-time-to-disconnect>
          dialer-time-to-disconnect
        </dialer-time-to-disconnect>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Dialer information

<dialer-information>**Usage**

```
<interface-policer-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>....</dialer-interface>
      <dialer-time-to-disconnect>
        dialer-time-to-disconnect
      </dialer-time-to-disconnect>
    </dialer-information>
  </logical-interface>
</interface-policer-information>
```

Description Dialer information

<dialer-interface>

Usage

```

<dialer-interface>
  <dialer-interface-name>
    dialer-interface-name
  </dialer-interface-name>
  <dialer-interface-state>
    dialer-interface-state
  </dialer-interface-state>
  <dialer-interface-flags>....</dialer-interface-flags>
  <pool-id>
    pool-id
  </pool-id>
  <primary-interface>
    primary-interface
  </primary-interface>
  <dial-string-list>....</dial-string-list>
  <sub-interface-list>....</sub-interface-list>
  <watch-list>....</watch-list>
  <activation-delay>
    activation-delay
  </activation-delay>
  <deactivation-delay>
    deactivation-delay
  </deactivation-delay>
  <activation-delay-elapsed>
    activation-delay-elapsed
  </activation-delay-elapsed>
  <deactivation-delay-elapsed>
    deactivation-delay-elapsed
  </deactivation-delay-elapsed>
  <call-idle-timeout>
    call-idle-timeout
  </call-idle-timeout>
  <initial-route-check>
    initial-route-check
  </initial-route-check>
  <redial-delay>
    redial-delay
  </redial-delay>
  <callback-wait-period>
    callback-wait-period
  </callback-wait-period>
  <callback-wait-period-elapsed>
    callback-wait-period-elapsed
  </callback-wait-period-elapsed>
  <load-threshold>
    load-threshold
  </load-threshold>
  <load-interval>
    load-interval
  </load-interval>
</dialer-interface>

```

Description

<dialer-interface>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <dialer-interface-name>
      dialer-interface-name
    </dialer-interface-name>
    <dialer-interface-state>
      dialer-interface-state
    </dialer-interface-state>
    <dialer-interface-flags>....</dialer-interface-flags>
    <pool-id>
      pool-id
    </pool-id>
    <primary-interface>
      primary-interface
    </primary-interface>
    <dial-string-list>....</dial-string-list>
    <sub-interface-list>....</sub-interface-list>
    <watch-list>....</watch-list>
    <activation-delay>
      activation-delay
    </activation-delay>
    <deactivation-delay>
      deactivation-delay
    </deactivation-delay>
    <activation-delay-elapsed>
      activation-delay-elapsed
    </activation-delay-elapsed>
    <deactivation-delay-elapsed>
      deactivation-delay-elapsed
    </deactivation-delay-elapsed>
    <call-idle-timeout>
      call-idle-timeout
    </call-idle-timeout>
    <initial-route-check>
      initial-route-check
    </initial-route-check>
    <redial-delay>
      redial-delay
    </redial-delay>
    <callback-wait-period>
      callback-wait-period
    </callback-wait-period>
    <callback-wait-period-elapsed>
      callback-wait-period-elapsed
    </callback-wait-period-elapsed>
    <load-threshold>
      load-threshold
    </load-threshold>
    <load-interval>
      load-interval
    </load-interval>
```

| | |
|--------------------|---|
| | </dialer-interface> </dialer-interface-information> |
| Description | |
| <dialer-interface> | |
| Usage | <pre> <logical-interface> <dialer-information> <dialer-interface> <dialer-interface-name> <i>dialer-interface-name</i> </dialer-interface-name> <dialer-interface-state> <i>dialer-interface-state</i> </dialer-interface-state> <dialer-interface-flags>....</dialer-interface-flags> <pool-id> <i>pool-id</i> </pool-id> <primary-interface> <i>primary-interface</i> </primary-interface> <dial-string-list>....</dial-string-list> <sub-interface-list>....</sub-interface-list> <watch-list>....</watch-list> <activation-delay> <i>activation-delay</i> </activation-delay> <deactivation-delay> <i>deactivation-delay</i> </deactivation-delay> <activation-delay-elapsed> <i>activation-delay-elapsed</i> </activation-delay-elapsed> <deactivation-delay-elapsed> <i>deactivation-delay-elapsed</i> </deactivation-delay-elapsed> <call-idle-timeout> <i>call-idle-timeout</i> </call-idle-timeout> <initial-route-check> <i>initial-route-check</i> </initial-route-check> <redial-delay> <i>redial-delay</i> </redial-delay> <callback-wait-period> <i>callback-wait-period</i> </callback-wait-period> <callback-wait-period-elapsed> <i>callback-wait-period-elapsed</i> </callback-wait-period-elapsed> <load-threshold> </pre> |

```
    load-threshold
  </load-threshold>
  <load-interval>
    load-interval
  </load-interval>
</dialer-interface>
</dialer-information>
</logical-interface>
```

Description

<dialer-interface>

Usage

```
<physical-interface>
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <dialer-interface-name>
        dialer-interface-name
      </dialer-interface-name>
      <dialer-interface-state>
        dialer-interface-state
      </dialer-interface-state>
      <dialer-interface-flags>....</dialer-interface-flags>
      <pool-id>
        pool-id
      </pool-id>
      <primary-interface>
        primary-interface
      </primary-interface>
      <dial-string-list>....</dial-string-list>
      <sub-interface-list>....</sub-interface-list>
      <watch-list>....</watch-list>
      <activation-delay>
        activation-delay
      </activation-delay>
      <deactivation-delay>
        deactivation-delay
      </deactivation-delay>
      <activation-delay-elapsed>
        activation-delay-elapsed
      </activation-delay-elapsed>
      <deactivation-delay-elapsed>
        deactivation-delay-elapsed
      </deactivation-delay-elapsed>
      <call-idle-timeout>
        call-idle-timeout
      </call-idle-timeout>
      <initial-route-check>
        initial-route-check
      </initial-route-check>
      <redial-delay>
        redial-delay
      </redial-delay>
```

```

    <callback-wait-period>
      callback-wait-period
    </callback-wait-period>
    <callback-wait-period-elapsed>
      callback-wait-period-elapsed
    </callback-wait-period-elapsed>
    <load-threshold>
      load-threshold
    </load-threshold>
    <load-interval>
      load-interval
    </load-interval>
  </dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>

```

Description

<dialer-interface>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dialer-interface-name>
          dialer-interface-name
        </dialer-interface-name>
        <dialer-interface-state>
          dialer-interface-state
        </dialer-interface-state>
        <dialer-interface-flags>....</dialer-interface-flags>
        <pool-id>
          pool-id
        </pool-id>
        <primary-interface>
          primary-interface
        </primary-interface>
        <dial-string-list>....</dial-string-list>
        <sub-interface-list>....</sub-interface-list>
        <watch-list>....</watch-list>
        <activation-delay>
          activation-delay
        </activation-delay>
        <deactivation-delay>
          deactivation-delay
        </deactivation-delay>
        <activation-delay-elapsed>
          activation-delay-elapsed
        </activation-delay-elapsed>
        <deactivation-delay-elapsed>
          deactivation-delay-elapsed
        </deactivation-delay-elapsed>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</physical-interface>

```

```
<call-idle-timeout>
  call-idle-timeout
</call-idle-timeout>
<initial-route-check>
  initial-route-check
</initial-route-check>
<redial-delay>
  redial-delay
</redial-delay>
<callback-wait-period>
  callback-wait-period
</callback-wait-period>
<callback-wait-period-elapsed>
  callback-wait-period-elapsed
</callback-wait-period-elapsed>
<load-threshold>
  load-threshold
</load-threshold>
<load-interval>
  load-interval
</load-interval>
</dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<dialer-interface>

Usage

```
<interface-information>
<logical-interface>
<dialer-information>
  <dialer-interface>
    <dialer-interface-name>
      dialer-interface-name
    </dialer-interface-name>
    <dialer-interface-state>
      dialer-interface-state
    </dialer-interface-state>
    <dialer-interface-flags>....</dialer-interface-flags>
    <pool-id>
      pool-id
    </pool-id>
    <primary-interface>
      primary-interface
    </primary-interface>
    <dial-string-list>....</dial-string-list>
    <sub-interface-list>....</sub-interface-list>
    <watch-list>....</watch-list>
    <activation-delay>
      activation-delay
    </activation-delay>
```



```

<deactivation-delay>
  deactivation-delay
</deactivation-delay>
<activation-delay-elapsed>
  activation-delay-elapsed
</activation-delay-elapsed>
<deactivation-delay-elapsed>
  deactivation-delay-elapsed
</deactivation-delay-elapsed>
<call-idle-timeout>
  call-idle-timeout
</call-idle-timeout>
<initial-route-check>
  initial-route-check
</initial-route-check>
<redial-delay>
  redial-delay
</redial-delay>
<callback-wait-period>
  callback-wait-period
</callback-wait-period>
<callback-wait-period-elapsed>
  callback-wait-period-elapsed
</callback-wait-period-elapsed>
<load-threshold>
  load-threshold
</load-threshold>
<load-interval>
  load-interval
</load-interval>
</dialer-interface>
</dialer-information>
</logical-interface>
</interface-information>

```

Description

<dialer-interface>

Usage

```

<interface-filter-information>
<physical-interface>
<logical-interface>
<dialer-information>
  <dialer-interface>
    <dialer-interface-name>
      dialer-interface-name
    </dialer-interface-name>
    <dialer-interface-state>
      dialer-interface-state
    </dialer-interface-state>
    <dialer-interface-flags>....</dialer-interface-flags>
    <pool-id>
      pool-id
    </pool-id>
  </dialer-interface>
</dialer-information>
</logical-interface>
</interface-filter-information>

```

```
<primary-interface>
  primary-interface
</primary-interface>
<dial-string-list>....</dial-string-list>
<sub-interface-list>....</sub-interface-list>
<watch-list>....</watch-list>
<activation-delay>
  activation-delay
</activation-delay>
<deactivation-delay>
  deactivation-delay
</deactivation-delay>
<activation-delay-elapsed>
  activation-delay-elapsed
</activation-delay-elapsed>
<deactivation-delay-elapsed>
  deactivation-delay-elapsed
</deactivation-delay-elapsed>
<call-idle-timeout>
  call-idle-timeout
</call-idle-timeout>
<initial-route-check>
  initial-route-check
</initial-route-check>
<redial-delay>
  redial-delay
</redial-delay>
<callback-wait-period>
  callback-wait-period
</callback-wait-period>
<callback-wait-period-elapsed>
  callback-wait-period-elapsed
</callback-wait-period-elapsed>
<load-threshold>
  load-threshold
</load-threshold>
<load-interval>
  load-interval
</load-interval>
</dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<dialer-interface>

Usage

```
<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dialer-interface-name>
```

```

    dialer-interface-name
  </dialer-interface-name>
  <dialer-interface-state>
    dialer-interface-state
  </dialer-interface-state>
  <dialer-interface-flags>....</dialer-interface-flags>
  <pool-id>
    pool-id
  </pool-id>
  <primary-interface>
    primary-interface
  </primary-interface>
  <dial-string-list>....</dial-string-list>
  <sub-interface-list>....</sub-interface-list>
  <watch-list>....</watch-list>
  <activation-delay>
    activation-delay
  </activation-delay>
  <deactivation-delay>
    deactivation-delay
  </deactivation-delay>
  <activation-delay-elapsed>
    activation-delay-elapsed
  </activation-delay-elapsed>
  <deactivation-delay-elapsed>
    deactivation-delay-elapsed
  </deactivation-delay-elapsed>
  <call-idle-timeout>
    call-idle-timeout
  </call-idle-timeout>
  <initial-route-check>
    initial-route-check
  </initial-route-check>
  <redial-delay>
    redial-delay
  </redial-delay>
  <callback-wait-period>
    callback-wait-period
  </callback-wait-period>
  <callback-wait-period-elapsed>
    callback-wait-period-elapsed
  </callback-wait-period-elapsed>
  <load-threshold>
    load-threshold
  </load-threshold>
  <load-interval>
    load-interval
  </load-interval>
</dialer-interface>
</dialer-information>
</logical-interface>
</interface-filter-information>

```

Description

<dialer-interface>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <dialer-interface-name>
            dialer-interface-name
          </dialer-interface-name>
          <dialer-interface-state>
            dialer-interface-state
          </dialer-interface-state>
          <dialer-interface-flags>....</dialer-interface-flags>
          <pool-id>
            pool-id
          </pool-id>
          <primary-interface>
            primary-interface
          </primary-interface>
          <dial-string-list>....</dial-string-list>
          <sub-interface-list>....</sub-interface-list>
          <watch-list>....</watch-list>
          <activation-delay>
            activation-delay
          </activation-delay>
          <deactivation-delay>
            deactivation-delay
          </deactivation-delay>
          <activation-delay-elapsed>
            activation-delay-elapsed
          </activation-delay-elapsed>
          <deactivation-delay-elapsed>
            deactivation-delay-elapsed
          </deactivation-delay-elapsed>
          <call-idle-timeout>
            call-idle-timeout
          </call-idle-timeout>
          <initial-route-check>
            initial-route-check
          </initial-route-check>
          <redial-delay>
            redial-delay
          </redial-delay>
          <callback-wait-period>
            callback-wait-period
          </callback-wait-period>
          <callback-wait-period-elapsed>
            callback-wait-period-elapsed
          </callback-wait-period-elapsed>
          <load-threshold>
            load-threshold
          </load-threshold>
          <load-interval>

```

```

        load-interval
      </load-interval>
    </dialer-interface>
  </dialer-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<dialer-interface>

Usage

```

<interface-policer-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dialer-interface-name>
          dialer-interface-name
        </dialer-interface-name>
        <dialer-interface-state>
          dialer-interface-state
        </dialer-interface-state>
        <dialer-interface-flags>....</dialer-interface-flags>
        <pool-id>
          pool-id
        </pool-id>
        <primary-interface>
          primary-interface
        </primary-interface>
        <dial-string-list>....</dial-string-list>
        <sub-interface-list>....</sub-interface-list>
        <watch-list>....</watch-list>
        <activation-delay>
          activation-delay
        </activation-delay>
        <deactivation-delay>
          deactivation-delay
        </deactivation-delay>
        <activation-delay-elapsed>
          activation-delay-elapsed
        </activation-delay-elapsed>
        <deactivation-delay-elapsed>
          deactivation-delay-elapsed
        </deactivation-delay-elapsed>
        <call-idle-timeout>
          call-idle-timeout
        </call-idle-timeout>
        <initial-route-check>
          initial-route-check
        </initial-route-check>
        <redial-delay>
          redial-delay
        </redial-delay>
        <callback-wait-period>

```

```
        callback-wait-period
      </callback-wait-period>
    <callback-wait-period-elapsed>
      callback-wait-period-elapsed
    </callback-wait-period-elapsed>
    <load-threshold>
      load-threshold
    </load-threshold>
    <load-interval>
      load-interval
    </load-interval>
  </dialer-interface>
</dialer-information>
</logical-interface>
</interface-policer-information>
```

Description

<dialer-interface-flags>

Usage

```
<dialer-interface>
  <dialer-interface-flags>
    <backup>
      backup
    </backup>
    <multilink>
      multilink
    </multilink>
    <watchlist>
      watchlist
    </watchlist>
    <interesting-detected>
      interesting-detected
    </interesting-detected>
  </dialer-interface-flags>
</dialer-interface>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <dialer-interface-flags>
      <backup>
        backup
      </backup>
      <multilink>
        multilink
      </multilink>
      <watchlist>
        watchlist
```

```

</watchlist>
<interesting-detected>
  interesting-detected
</interesting-detected>
</dialer-interface-flags>
</dialer-interface>
</dialer-interface-information>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<logical-interface>
<dialer-information>
<dialer-interface>
  <dialer-interface-flags>
    <backup>
      backup
    </backup>
    <multilink>
      multilink
    </multilink>
    <watchlist>
      watchlist
    </watchlist>
    <interesting-detected>
      interesting-detected
    </interesting-detected>
  </dialer-interface-flags>
</dialer-interface>
</dialer-information>
</logical-interface>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<physical-interface>
<logical-interface>
<dialer-information>
<dialer-interface>
  <dialer-interface-flags>
    <backup>
      backup
    </backup>
    <multilink>
      multilink
    </multilink>
    <watchlist>
      watchlist
    </watchlist>
  </dialer-interface-flags>
</dialer-interface>
</dialer-information>
</logical-interface>

```

```
<interesting-detected>
  interesting-detected
</interesting-detected>
</dialer-interface-flags>
</dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <dialer-interface-flags>
        <backup>
          backup
        </backup>
        <multilink>
          multilink
        </multilink>
        <watchlist>
          watchlist
        </watchlist>
        <interesting-detected>
          interesting-detected
        </interesting-detected>
      </dialer-interface-flags>
    </dialer-interface>
  </dialer-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<interface-information>
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <dialer-interface-flags>
        <backup>
          backup
        </backup>
        <multilink>
```



```

        multilink
      </multilink>
    <watchlist>
      watchlist
    </watchlist>
    <interesting-detected>
      interesting-detected
    </interesting-detected>
  </dialer-interface-flags>
</dialer-interface>
</dialer-information>
</logical-interface>
</interface-information>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <dialer-interface-flags>
            <backup>
              backup
            </backup>
            <multilink>
              multilink
            </multilink>
            <watchlist>
              watchlist
            </watchlist>
            <interesting-detected>
              interesting-detected
            </interesting-detected>
          </dialer-interface-flags>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```

<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>

```

```
<dialer-interface-flags>
  <backup>
    backup
  </backup>
  <multilink>
    multilink
  </multilink>
  <watchlist>
    watchlist
  </watchlist>
  <interesting-detected>
    interesting-detected
  </interesting-detected>
</dialer-interface-flags>
</dialer-interface>
</dialer-information>
</logical-interface>
</interface-filter-information>
```

Description Flags indicating interface configuration

<dialer-interface-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dialer-interface-flags>
          <backup>
            backup
          </backup>
          <multilink>
            multilink
          </multilink>
          <watchlist>
            watchlist
          </watchlist>
          <interesting-detected>
            interesting-detected
          </interesting-detected>
        </dialer-interface-flags>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Flags indicating interface configuration

<dialer-interface-flags>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <dialer-interface-flags>
          <backup>
            backup
          </backup>
          <multilink>
            multilink
          </multilink>
          <watchlist>
            watchlist
          </watchlist>
          <interesting-detected>
            interesting-detected
          </interesting-detected>
        </dialer-interface-flags>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-policer-information>

```

Description Flags indicating interface configuration

<dialer-interface-information>**Usage**

```

<dialer-interface-information>
  <dialer-interface>....</dialer-interface>
</dialer-interface-information>

```

Description

<dlci-statistics>**Usage**

```

<virtual-circuit-information>
  <dlci-statistics>
    <dlci-active>
      dlci-active
    </dlci-active>
    <dlci-inactive>
      dlci-inactive
    </dlci-inactive>
  </dlci-statistics>
</virtual-circuit-information>

```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<logical-interface>
<virtual-circuit-information>
  <dlci-statistics>
    <dlci-active>
      dlci-active
    </dlci-active>
    <dlci-inactive>
      dlci-inactive
    </dlci-inactive>
  </dlci-statistics>
</virtual-circuit-information>
</logical-interface>
```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <dlci-statistics>
      <dlci-active>
        dlci-active
      </dlci-active>
      <dlci-inactive>
        dlci-inactive
      </dlci-inactive>
    </dlci-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <dlci-statistics>
      <dlci-active>
        dlci-active
      </dlci-active>
      <dlci-inactive>
        dlci-inactive
      </dlci-inactive>
    </dlci-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

```

        </dlci-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>
        <dlci-active>
          dlci-active
        </dlci-active>
        <dlci-inactive>
          dlci-inactive
        </dlci-inactive>
      </dlci-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <dlci-statistics>
          <dlci-active>
            dlci-active
          </dlci-active>
          <dlci-inactive>
            dlci-inactive
          </dlci-inactive>
        </dlci-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>
        <dlci-active>
          dlci-active
        </dlci-active>
        <dlci-inactive>
          dlci-inactive
        </dlci-inactive>
      </dlci-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>
```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <dlci-statistics>
          <dlci-active>
            dlci-active
          </dlci-active>
          <dlci-inactive>
            dlci-inactive
          </dlci-inactive>
        </dlci-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description DLCI statistics for an interface

<dlci-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>
        <dlci-active>
          dlci-active
        </dlci-active>
```

```

    <dlci-inactive>
      dlci-inactive
    </dlci-inactive>
  </dlci-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description DLCI statistics for an interface

<docsis-information>

Usage

```

<interface-information>
  <docsis-information>
    <docsis-status-information>....</docsis-status-information>
    <docsis-media-properties>....</docsis-media-properties>
    <docsis-security-properties>....</docsis-security-properties>
  </docsis-information>
</interface-information>

```

Description

<docsis-media-properties>

Usage

```

<interface-information>
  <docsis-information>
    <docsis-media-properties>
      <downstream-buffers-used>
        downstream-buffers-used
      </downstream-buffers-used>
      <downstream-buffers-free>
        downstream-buffers-free
      </downstream-buffers-free>
      <upstream-buffers-used>
        upstream-buffers-used
      </upstream-buffers-used>
      <upstream-buffers-free>
        upstream-buffers-free
      </upstream-buffers-free>
      <request-opportunity-burst>
        request-opportunity-burst
      </request-opportunity-burst>
      <physical-burst>
        physical-burst
      </physical-burst>
      <tuner-frequency>
        tuner-frequency
      </tuner-frequency>
      <standard-short-grant>
        standard-short-grant
      </standard-short-grant>
      <standard-long-grant>

```

```
        standard-long-grant
      </standard-long-grant>
    </docsis-media-properties>
  </docsis-information>
</interface-information>
```

Description Information about media properties of DOCSIS interface

<docsis-media-properties>

Usage

```
<docsis-media-properties>
  <downstream-buffers-used>
    downstream-buffers-used
  </downstream-buffers-used>
  <downstream-buffers-free>
    downstream-buffers-free
  </downstream-buffers-free>
  <upstream-buffers-used>
    upstream-buffers-used
  </upstream-buffers-used>
  <upstream-buffers-free>
    upstream-buffers-free
  </upstream-buffers-free>
  <request-opportunity-burst>
    request-opportunity-burst
  </request-opportunity-burst>
  <physical-burst>
    physical-burst
  </physical-burst>
  <tuner-frequency>
    tuner-frequency
  </tuner-frequency>
  <standard-short-grant>
    standard-short-grant
  </standard-short-grant>
  <standard-long-grant>
    standard-long-grant
  </standard-long-grant>
</docsis-media-properties>
```

Description Information about media properties of DOCSIS interface

<docsis-security-properties>

Usage

```
<interface-information>
  <docsis-information>
    <docsis-security-properties>
      <docsis-bpi>
        docsis-bpi
      </docsis-bpi>
      <encryption-algorithm>
```



```

        encryption-algorithm
      </encryption-algorithm>
    <key-length>
      key-length
    </key-length>
  </docsis-security-properties>
</docsis-information>
</interface-information>

```

Description Information on security related properties of DOCSIS interface

<docsis-security-properties>

Usage

```

<docsis-security-properties>
  <docsis-bpi>
    docsis-bpi
  </docsis-bpi>
  <encryption-algorithm>
    encryption-algorithm
  </encryption-algorithm>
  <key-length>
    key-length
  </key-length>
</docsis-security-properties>

```

Description Information on security related properties of DOCSIS interface

<docsis-status-information>

Usage

```

<interface-information>
  <docsis-information>
    <docsis-status-information>
      <docsis-state>
        docsis-state
      </docsis-state>
      <docsis-mode>
        docsis-mode
      </docsis-mode>
      <docsis-upstream-speed>
        docsis-upstream-speed
      </docsis-upstream-speed>
      <downstream-scanning>
        downstream-scanning
      </downstream-scanning>
      <ranging>
        ranging
      </ranging>
      <signal-to-noise-ratio>
        signal-to-noise-ratio
      </signal-to-noise-ratio>
      <power>

```

```
    power
  </power>
</docsis-status-information>
</docsis-information>
</interface-information>
```

Description Status of DOCSIS interface

<docsis-status-information>

Usage

```
<docsis-status-information>
  <docsis-state>
    docsis-state
  </docsis-state>
  <docsis-mode>
    docsis-mode
  </docsis-mode>
  <docsis-upstream-speed>
    docsis-upstream-speed
  </docsis-upstream-speed>
  <downstream-scanning>
    downstream-scanning
  </downstream-scanning>
  <ranging>
    ranging
  </ranging>
  <signal-to-noise-ratio>
    signal-to-noise-ratio
  </signal-to-noise-ratio>
  <power>
    power
  </power>
</docsis-status-information>
```

Description Status of DOCSIS interface

<ds0-bert-information>

Usage

```
<ds0-bert-information>
  <ds0-bert-period>
    ds0-bert-period
  </ds0-bert-period>
  <ds0-bert-elapsed>
    ds0-bert-elapsed
  </ds0-bert-elapsed>
  <ds0-bert-status>
    ds0-bert-status
  </ds0-bert-status>
  <ds0-bert-algorithm>
    ds0-bert-algorithm
  </ds0-bert-algorithm>
```

```

<ds0-bert-error-rate>
  ds0-bert-error-rate
</ds0-bert-error-rate>
<ds0-bert-induced-error-rate>
  ds0-bert-induced-error-rate
</ds0-bert-induced-error-rate>
<ds0-bert-bit-count>
  ds0-bert-bit-count
</ds0-bert-bit-count>
<ds0-bert-error-bit-count>
  ds0-bert-error-bit-count
</ds0-bert-error-bit-count>
<ds0-bert-los-status>
  ds0-bert-los-status
</ds0-bert-los-status>
<ds0-bert-los-count>
  ds0-bert-los-count
</ds0-bert-los-count>
<ds0-bert-los-seconds>
  ds0-bert-los-seconds
</ds0-bert-los-seconds>
</ds0-bert-information>

```

Description DS0 BERT configuration and statistics

<ds0-bert-information>

Usage

```

<physical-interface>
  <ds0-bert-information>
    <ds0-bert-period>
      ds0-bert-period
    </ds0-bert-period>
    <ds0-bert-elapsed>
      ds0-bert-elapsed
    </ds0-bert-elapsed>
    <ds0-bert-status>
      ds0-bert-status
    </ds0-bert-status>
    <ds0-bert-algorithm>
      ds0-bert-algorithm
    </ds0-bert-algorithm>
    <ds0-bert-error-rate>
      ds0-bert-error-rate
    </ds0-bert-error-rate>
    <ds0-bert-induced-error-rate>
      ds0-bert-induced-error-rate
    </ds0-bert-induced-error-rate>
    <ds0-bert-bit-count>
      ds0-bert-bit-count
    </ds0-bert-bit-count>
    <ds0-bert-error-bit-count>
      ds0-bert-error-bit-count
    </ds0-bert-error-bit-count>
  </ds0-bert-information>
</physical-interface>

```

```
<ds0-bert-los-status>
  ds0-bert-los-status
</ds0-bert-los-status>
<ds0-bert-los-count>
  ds0-bert-los-count
</ds0-bert-los-count>
<ds0-bert-los-seconds>
  ds0-bert-los-seconds
</ds0-bert-los-seconds>
</ds0-bert-information>
</physical-interface>
```

Description DSO BERT configuration and statistics

<ds0-bert-information>

Usage

```
<interface-information>
  <physical-interface>
    <ds0-bert-information>
      <ds0-bert-period>
        ds0-bert-period
      </ds0-bert-period>
      <ds0-bert-elapsed>
        ds0-bert-elapsed
      </ds0-bert-elapsed>
      <ds0-bert-status>
        ds0-bert-status
      </ds0-bert-status>
      <ds0-bert-algorithm>
        ds0-bert-algorithm
      </ds0-bert-algorithm>
      <ds0-bert-error-rate>
        ds0-bert-error-rate
      </ds0-bert-error-rate>
      <ds0-bert-induced-error-rate>
        ds0-bert-induced-error-rate
      </ds0-bert-induced-error-rate>
      <ds0-bert-bit-count>
        ds0-bert-bit-count
      </ds0-bert-bit-count>
      <ds0-bert-error-bit-count>
        ds0-bert-error-bit-count
      </ds0-bert-error-bit-count>
      <ds0-bert-los-status>
        ds0-bert-los-status
      </ds0-bert-los-status>
      <ds0-bert-los-count>
        ds0-bert-los-count
      </ds0-bert-los-count>
      <ds0-bert-los-seconds>
        ds0-bert-los-seconds
      </ds0-bert-los-seconds>
    </ds0-bert-information>
```

```

    </physical-interface>
  </interface-information>

```

Description DSO BERT configuration and statistics

<ds0-bert-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ds0-bert-information>
      <ds0-bert-period>
        ds0-bert-period
      </ds0-bert-period>
      <ds0-bert-elapsed>
        ds0-bert-elapsed
      </ds0-bert-elapsed>
      <ds0-bert-status>
        ds0-bert-status
      </ds0-bert-status>
      <ds0-bert-algorithm>
        ds0-bert-algorithm
      </ds0-bert-algorithm>
      <ds0-bert-error-rate>
        ds0-bert-error-rate
      </ds0-bert-error-rate>
      <ds0-bert-induced-error-rate>
        ds0-bert-induced-error-rate
      </ds0-bert-induced-error-rate>
      <ds0-bert-bit-count>
        ds0-bert-bit-count
      </ds0-bert-bit-count>
      <ds0-bert-error-bit-count>
        ds0-bert-error-bit-count
      </ds0-bert-error-bit-count>
      <ds0-bert-los-status>
        ds0-bert-los-status
      </ds0-bert-los-status>
      <ds0-bert-los-count>
        ds0-bert-los-count
      </ds0-bert-los-count>
      <ds0-bert-los-seconds>
        ds0-bert-los-seconds
      </ds0-bert-los-seconds>
    </ds0-bert-information>
  </physical-interface>
</interface-filter-information>

```

Description DSO BERT configuration and statistics

<ds0-bert-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <ds0-bert-information>
    <ds0-bert-period>
      ds0-bert-period
    </ds0-bert-period>
    <ds0-bert-elapsed>
      ds0-bert-elapsed
    </ds0-bert-elapsed>
    <ds0-bert-status>
      ds0-bert-status
    </ds0-bert-status>
    <ds0-bert-algorithm>
      ds0-bert-algorithm
    </ds0-bert-algorithm>
    <ds0-bert-error-rate>
      ds0-bert-error-rate
    </ds0-bert-error-rate>
    <ds0-bert-induced-error-rate>
      ds0-bert-induced-error-rate
    </ds0-bert-induced-error-rate>
    <ds0-bert-bit-count>
      ds0-bert-bit-count
    </ds0-bert-bit-count>
    <ds0-bert-error-bit-count>
      ds0-bert-error-bit-count
    </ds0-bert-error-bit-count>
    <ds0-bert-los-status>
      ds0-bert-los-status
    </ds0-bert-los-status>
    <ds0-bert-los-count>
      ds0-bert-los-count
    </ds0-bert-los-count>
    <ds0-bert-los-seconds>
      ds0-bert-los-seconds
    </ds0-bert-los-seconds>
  </ds0-bert-information>
</physical-interface>
</interface-policer-information>
```

Description DS0 BERT configuration and statistics

<ds1-bert-information>

Usage

```
<ds1-bert-information>
  <ds1-bert-period>
    ds1-bert-period
  </ds1-bert-period>
  <ds1-bert-elapsed>
    ds1-bert-elapsed
```

```

</ds1-bert-elapsed>
<ds1-bert-status>
  ds1-bert-status
</ds1-bert-status>
<ds1-bert-algorithm>
  ds1-bert-algorithm
</ds1-bert-algorithm>
<ds1-bert-error-rate>
  ds1-bert-error-rate
</ds1-bert-error-rate>
<ds1-bert-induced-error-rate>
  ds1-bert-induced-error-rate
</ds1-bert-induced-error-rate>
<ds1-bert-bit-count>
  ds1-bert-bit-count
</ds1-bert-bit-count>
<ds1-bert-error-bit-count>
  ds1-bert-error-bit-count
</ds1-bert-error-bit-count>
<ds1-bert-los-status>
  ds1-bert-los-status
</ds1-bert-los-status>
<ds1-bert-los-count>
  ds1-bert-los-count
</ds1-bert-los-count>
<ds1-bert-los-seconds>
  ds1-bert-los-seconds
</ds1-bert-los-seconds>
</ds1-bert-information>

```

Description DS1 BERT configuration and statistics

<ds1-bert-information>

Usage

```

<physical-interface>
  <ds1-bert-information>
    <ds1-bert-period>
      ds1-bert-period
    </ds1-bert-period>
    <ds1-bert-elapsed>
      ds1-bert-elapsed
    </ds1-bert-elapsed>
    <ds1-bert-status>
      ds1-bert-status
    </ds1-bert-status>
    <ds1-bert-algorithm>
      ds1-bert-algorithm
    </ds1-bert-algorithm>
    <ds1-bert-error-rate>
      ds1-bert-error-rate
    </ds1-bert-error-rate>
    <ds1-bert-induced-error-rate>
      ds1-bert-induced-error-rate

```

```
</dsl-bert-induced-error-rate>
<dsl-bert-bit-count>
  dsl-bert-bit-count
</dsl-bert-bit-count>
<dsl-bert-error-bit-count>
  dsl-bert-error-bit-count
</dsl-bert-error-bit-count>
<dsl-bert-los-status>
  dsl-bert-los-status
</dsl-bert-los-status>
<dsl-bert-los-count>
  dsl-bert-los-count
</dsl-bert-los-count>
<dsl-bert-los-seconds>
  dsl-bert-los-seconds
</dsl-bert-los-seconds>
</dsl-bert-information>
</physical-interface>
```

Description DS1 BERT configuration and statistics

<dsl-bert-information>

Usage

```
<interface-information>
<physical-interface>
  <dsl-bert-information>
    <dsl-bert-period>
      dsl-bert-period
    </dsl-bert-period>
    <dsl-bert-elapsed>
      dsl-bert-elapsed
    </dsl-bert-elapsed>
    <dsl-bert-status>
      dsl-bert-status
    </dsl-bert-status>
    <dsl-bert-algorithm>
      dsl-bert-algorithm
    </dsl-bert-algorithm>
    <dsl-bert-error-rate>
      dsl-bert-error-rate
    </dsl-bert-error-rate>
    <dsl-bert-induced-error-rate>
      dsl-bert-induced-error-rate
    </dsl-bert-induced-error-rate>
    <dsl-bert-bit-count>
      dsl-bert-bit-count
    </dsl-bert-bit-count>
    <dsl-bert-error-bit-count>
      dsl-bert-error-bit-count
    </dsl-bert-error-bit-count>
    <dsl-bert-los-status>
      dsl-bert-los-status
    </dsl-bert-los-status>
```



```

    <ds1-bert-los-count>
      ds1-bert-los-count
    </ds1-bert-los-count>
    <ds1-bert-los-seconds>
      ds1-bert-los-seconds
    </ds1-bert-los-seconds>
  </ds1-bert-information>
</physical-interface>
</interface-information>

```

Description DS1 BERT configuration and statistics

<ds1-bert-information>

Usage

```

<interface-filter-information>
<physical-interface>
  <ds1-bert-information>
    <ds1-bert-period>
      ds1-bert-period
    </ds1-bert-period>
    <ds1-bert-elapsed>
      ds1-bert-elapsed
    </ds1-bert-elapsed>
    <ds1-bert-status>
      ds1-bert-status
    </ds1-bert-status>
    <ds1-bert-algorithm>
      ds1-bert-algorithm
    </ds1-bert-algorithm>
    <ds1-bert-error-rate>
      ds1-bert-error-rate
    </ds1-bert-error-rate>
    <ds1-bert-induced-error-rate>
      ds1-bert-induced-error-rate
    </ds1-bert-induced-error-rate>
    <ds1-bert-bit-count>
      ds1-bert-bit-count
    </ds1-bert-bit-count>
    <ds1-bert-error-bit-count>
      ds1-bert-error-bit-count
    </ds1-bert-error-bit-count>
    <ds1-bert-los-status>
      ds1-bert-los-status
    </ds1-bert-los-status>
    <ds1-bert-los-count>
      ds1-bert-los-count
    </ds1-bert-los-count>
    <ds1-bert-los-seconds>
      ds1-bert-los-seconds
    </ds1-bert-los-seconds>
  </ds1-bert-information>
</physical-interface>

```

</interface-filter-information>

Description DS1 BERT configuration and statistics

<ds1-bert-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ds1-bert-information>
      <ds1-bert-period>
        ds1-bert-period
      </ds1-bert-period>
      <ds1-bert-elapsed>
        ds1-bert-elapsed
      </ds1-bert-elapsed>
      <ds1-bert-status>
        ds1-bert-status
      </ds1-bert-status>
      <ds1-bert-algorithm>
        ds1-bert-algorithm
      </ds1-bert-algorithm>
      <ds1-bert-error-rate>
        ds1-bert-error-rate
      </ds1-bert-error-rate>
      <ds1-bert-induced-error-rate>
        ds1-bert-induced-error-rate
      </ds1-bert-induced-error-rate>
      <ds1-bert-bit-count>
        ds1-bert-bit-count
      </ds1-bert-bit-count>
      <ds1-bert-error-bit-count>
        ds1-bert-error-bit-count
      </ds1-bert-error-bit-count>
      <ds1-bert-los-status>
        ds1-bert-los-status
      </ds1-bert-los-status>
      <ds1-bert-los-count>
        ds1-bert-los-count
      </ds1-bert-los-count>
      <ds1-bert-los-seconds>
        ds1-bert-los-seconds
      </ds1-bert-los-seconds>
    </ds1-bert-information>
  </physical-interface>
</interface-policer-information>
```

Description DS1 BERT configuration and statistics

<ds1-crc-alarm-threshold>

Usage

```
<physical-interface>
```

```

<ds1-crc-alarm-threshold>
  <ds1-crc-alarm-threshold-major>
    ds1-crc-alarm-threshold-major
  </ds1-crc-alarm-threshold-major>
  <ds1-crc-alarm-threshold-minor>
    ds1-crc-alarm-threshold-minor
  </ds1-crc-alarm-threshold-minor>
</ds1-crc-alarm-threshold>
</physical-interface>

```

Description DS1 CRC alarm thresholds

<ds1-crc-alarm-threshold>

Usage

```

<interface-information>
  <physical-interface>
    <ds1-crc-alarm-threshold>
      <ds1-crc-alarm-threshold-major>
        ds1-crc-alarm-threshold-major
      </ds1-crc-alarm-threshold-major>
      <ds1-crc-alarm-threshold-minor>
        ds1-crc-alarm-threshold-minor
      </ds1-crc-alarm-threshold-minor>
    </ds1-crc-alarm-threshold>
  </physical-interface>
</interface-information>

```

Description DS1 CRC alarm thresholds

<ds1-crc-alarm-threshold>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ds1-crc-alarm-threshold>
      <ds1-crc-alarm-threshold-major>
        ds1-crc-alarm-threshold-major
      </ds1-crc-alarm-threshold-major>
      <ds1-crc-alarm-threshold-minor>
        ds1-crc-alarm-threshold-minor
      </ds1-crc-alarm-threshold-minor>
    </ds1-crc-alarm-threshold>
  </physical-interface>
</interface-filter-information>

```

Description DS1 CRC alarm thresholds

<ds1-crc-alarm-threshold>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ds1-crc-alarm-threshold>
      <ds1-crc-alarm-threshold-major>
        ds1-crc-alarm-threshold-major
      </ds1-crc-alarm-threshold-major>
      <ds1-crc-alarm-threshold-minor>
        ds1-crc-alarm-threshold-minor
      </ds1-crc-alarm-threshold-minor>
    </ds1-crc-alarm-threshold>
  </physical-interface>
</interface-policer-information>
```

Description DS1 CRC alarm thresholds

<ds3-bert-information>

Usage

```
<ds3-bert-information>
  <ds3-bert-period>
    ds3-bert-period
  </ds3-bert-period>
  <ds3-bert-elapsed>
    ds3-bert-elapsed
  </ds3-bert-elapsed>
  <ds3-bert-status>
    ds3-bert-status
  </ds3-bert-status>
  <ds3-bert-algorithm>
    ds3-bert-algorithm
  </ds3-bert-algorithm>
  <ds3-bert-error-rate>
    ds3-bert-error-rate
  </ds3-bert-error-rate>
  <ds3-bert-induced-error-rate>
    ds3-bert-induced-error-rate
  </ds3-bert-induced-error-rate>
  <ds3-bert-bit-count>
    ds3-bert-bit-count
  </ds3-bert-bit-count>
  <ds3-bert-bit-count-overflow>
    ds3-bert-bit-count-overflow
  </ds3-bert-bit-count-overflow>
  <ds3-bert-error-bit-count>
    ds3-bert-error-bit-count
  </ds3-bert-error-bit-count>
  <ds3-bert-error-bit-count-overflow>
    ds3-bert-error-bit-count-overflow
  </ds3-bert-error-bit-count-overflow>
  <ds3-bert-los-status>
    ds3-bert-los-status
```

```

</ds3-bert-los-status>
<ds3-bert-los-count>
  ds3-bert-los-count
</ds3-bert-los-count>
<ds3-bert-los-seconds>
  ds3-bert-los-seconds
</ds3-bert-los-seconds>
</ds3-bert-information>

```

Description DS3 BERT configuration and statistics

<ds3-bert-information>

Usage

```

<physical-interface>
  <ds3-bert-information>
    <ds3-bert-period>
      ds3-bert-period
    </ds3-bert-period>
    <ds3-bert-elapsed>
      ds3-bert-elapsed
    </ds3-bert-elapsed>
    <ds3-bert-status>
      ds3-bert-status
    </ds3-bert-status>
    <ds3-bert-algorithm>
      ds3-bert-algorithm
    </ds3-bert-algorithm>
    <ds3-bert-error-rate>
      ds3-bert-error-rate
    </ds3-bert-error-rate>
    <ds3-bert-induced-error-rate>
      ds3-bert-induced-error-rate
    </ds3-bert-induced-error-rate>
    <ds3-bert-bit-count>
      ds3-bert-bit-count
    </ds3-bert-bit-count>
    <ds3-bert-bit-count-overflow>
      ds3-bert-bit-count-overflow
    </ds3-bert-bit-count-overflow>
    <ds3-bert-error-bit-count>
      ds3-bert-error-bit-count
    </ds3-bert-error-bit-count>
    <ds3-bert-error-bit-count-overflow>
      ds3-bert-error-bit-count-overflow
    </ds3-bert-error-bit-count-overflow>
    <ds3-bert-los-status>
      ds3-bert-los-status
    </ds3-bert-los-status>
    <ds3-bert-los-count>
      ds3-bert-los-count
    </ds3-bert-los-count>
    <ds3-bert-los-seconds>
      ds3-bert-los-seconds
  </ds3-bert-information>
</physical-interface>

```

```
</ds3-bert-los-seconds>
</ds3-bert-information>
</physical-interface>
```

Description DS3 BERT configuration and statistics

<ds3-bert-information>

Usage

```
<interface-information>
<physical-interface>
  <ds3-bert-information>
    <ds3-bert-period>
      ds3-bert-period
    </ds3-bert-period>
    <ds3-bert-elapsed>
      ds3-bert-elapsed
    </ds3-bert-elapsed>
    <ds3-bert-status>
      ds3-bert-status
    </ds3-bert-status>
    <ds3-bert-algorithm>
      ds3-bert-algorithm
    </ds3-bert-algorithm>
    <ds3-bert-error-rate>
      ds3-bert-error-rate
    </ds3-bert-error-rate>
    <ds3-bert-induced-error-rate>
      ds3-bert-induced-error-rate
    </ds3-bert-induced-error-rate>
    <ds3-bert-bit-count>
      ds3-bert-bit-count
    </ds3-bert-bit-count>
    <ds3-bert-bit-count-overflow>
      ds3-bert-bit-count-overflow
    </ds3-bert-bit-count-overflow>
    <ds3-bert-error-bit-count>
      ds3-bert-error-bit-count
    </ds3-bert-error-bit-count>
    <ds3-bert-error-bit-count-overflow>
      ds3-bert-error-bit-count-overflow
    </ds3-bert-error-bit-count-overflow>
    <ds3-bert-los-status>
      ds3-bert-los-status
    </ds3-bert-los-status>
    <ds3-bert-los-count>
      ds3-bert-los-count
    </ds3-bert-los-count>
    <ds3-bert-los-seconds>
      ds3-bert-los-seconds
    </ds3-bert-los-seconds>
  </ds3-bert-information>
</physical-interface>
```

```
</interface-information>
```

Description DS3 BERT configuration and statistics

<ds3-bert-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <ds3-bert-information>
    <ds3-bert-period>
      ds3-bert-period
    </ds3-bert-period>
    <ds3-bert-elapsed>
      ds3-bert-elapsed
    </ds3-bert-elapsed>
    <ds3-bert-status>
      ds3-bert-status
    </ds3-bert-status>
    <ds3-bert-algorithm>
      ds3-bert-algorithm
    </ds3-bert-algorithm>
    <ds3-bert-error-rate>
      ds3-bert-error-rate
    </ds3-bert-error-rate>
    <ds3-bert-induced-error-rate>
      ds3-bert-induced-error-rate
    </ds3-bert-induced-error-rate>
    <ds3-bert-bit-count>
      ds3-bert-bit-count
    </ds3-bert-bit-count>
    <ds3-bert-bit-count-overflow>
      ds3-bert-bit-count-overflow
    </ds3-bert-bit-count-overflow>
    <ds3-bert-error-bit-count>
      ds3-bert-error-bit-count
    </ds3-bert-error-bit-count>
    <ds3-bert-error-bit-count-overflow>
      ds3-bert-error-bit-count-overflow
    </ds3-bert-error-bit-count-overflow>
    <ds3-bert-los-status>
      ds3-bert-los-status
    </ds3-bert-los-status>
    <ds3-bert-los-count>
      ds3-bert-los-count
    </ds3-bert-los-count>
    <ds3-bert-los-seconds>
      ds3-bert-los-seconds
    </ds3-bert-los-seconds>
  </ds3-bert-information>
</physical-interface>
</interface-filter-information>
```

Description DS3 BERT configuration and statistics

<ds3-bert-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ds3-bert-information>
      <ds3-bert-period>
        ds3-bert-period
      </ds3-bert-period>
      <ds3-bert-elapsed>
        ds3-bert-elapsed
      </ds3-bert-elapsed>
      <ds3-bert-status>
        ds3-bert-status
      </ds3-bert-status>
      <ds3-bert-algorithm>
        ds3-bert-algorithm
      </ds3-bert-algorithm>
      <ds3-bert-error-rate>
        ds3-bert-error-rate
      </ds3-bert-error-rate>
      <ds3-bert-induced-error-rate>
        ds3-bert-induced-error-rate
      </ds3-bert-induced-error-rate>
      <ds3-bert-bit-count>
        ds3-bert-bit-count
      </ds3-bert-bit-count>
      <ds3-bert-bit-count-overflow>
        ds3-bert-bit-count-overflow
      </ds3-bert-bit-count-overflow>
      <ds3-bert-error-bit-count>
        ds3-bert-error-bit-count
      </ds3-bert-error-bit-count>
      <ds3-bert-error-bit-count-overflow>
        ds3-bert-error-bit-count-overflow
      </ds3-bert-error-bit-count-overflow>
      <ds3-bert-los-status>
        ds3-bert-los-status
      </ds3-bert-los-status>
      <ds3-bert-los-count>
        ds3-bert-los-count
      </ds3-bert-los-count>
      <ds3-bert-los-seconds>
        ds3-bert-los-seconds
      </ds3-bert-los-seconds>
    </ds3-bert-information>
  </physical-interface>
</interface-policer-information>
```

Description DS3 BERT configuration and statistics

<dsl-chipset-information>**Usage**

```

<dsl-information>
  <dsl-chipset-information>
    <atu-r-vendor-id>
      atu-r-vendor-id
    </atu-r-vendor-id>
    <atu-c-vendor-id>
      atu-c-vendor-id
    </atu-c-vendor-id>
    <atu-r-vendor-specific>
      atu-r-vendor-specific
    </atu-r-vendor-specific>
    <atu-c-vendor-specific>
      atu-c-vendor-specific
    </atu-c-vendor-specific>
    <atu-r-country-code>
      atu-r-country-code
    </atu-r-country-code>
    <atu-c-country-code>
      atu-c-country-code
    </atu-c-country-code>
  </dsl-chipset-information>
</dsl-information>

```

Description**<dsl-chipset-information>****Usage**

```

<physical-interface>
  <dsl-information>
    <dsl-chipset-information>
      <atu-r-vendor-id>
        atu-r-vendor-id
      </atu-r-vendor-id>
      <atu-c-vendor-id>
        atu-c-vendor-id
      </atu-c-vendor-id>
      <atu-r-vendor-specific>
        atu-r-vendor-specific
      </atu-r-vendor-specific>
      <atu-c-vendor-specific>
        atu-c-vendor-specific
      </atu-c-vendor-specific>
      <atu-r-country-code>
        atu-r-country-code
      </atu-r-country-code>
      <atu-c-country-code>
        atu-c-country-code
      </atu-c-country-code>
    </dsl-chipset-information>
  </dsl-information>

```

</physical-interface>

Description

<dsl-chipset-information>

Usage

```
<interface-information>
  <physical-interface>
    <dsl-information>
      <dsl-chipset-information>
        <atu-r-vendor-id>
          atu-r-vendor-id
        </atu-r-vendor-id>
        <atu-c-vendor-id>
          atu-c-vendor-id
        </atu-c-vendor-id>
        <atu-r-vendor-specific>
          atu-r-vendor-specific
        </atu-r-vendor-specific>
        <atu-c-vendor-specific>
          atu-c-vendor-specific
        </atu-c-vendor-specific>
        <atu-r-country-code>
          atu-r-country-code
        </atu-r-country-code>
        <atu-c-country-code>
          atu-c-country-code
        </atu-c-country-code>
      </dsl-chipset-information>
    </dsl-information>
  </physical-interface>
</interface-information>
```

Description

<dsl-chipset-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <dsl-information>
      <dsl-chipset-information>
        <atu-r-vendor-id>
          atu-r-vendor-id
        </atu-r-vendor-id>
        <atu-c-vendor-id>
          atu-c-vendor-id
        </atu-c-vendor-id>
        <atu-r-vendor-specific>
          atu-r-vendor-specific
        </atu-r-vendor-specific>
        <atu-c-vendor-specific>
          atu-c-vendor-specific

```

```

    </atu-c-vendor-specific>
    <atu-r-country-code>
      atu-r-country-code
    </atu-r-country-code>
    <atu-c-country-code>
      atu-c-country-code
    </atu-c-country-code>
  </dsl-chipset-information>
</dsl-information>
</physical-interface>
</interface-filter-information>

```

Description

<dsl-chipset-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <dsl-information>
      <dsl-chipset-information>
        <atu-r-vendor-id>
          atu-r-vendor-id
        </atu-r-vendor-id>
        <atu-c-vendor-id>
          atu-c-vendor-id
        </atu-c-vendor-id>
        <atu-r-vendor-specific>
          atu-r-vendor-specific
        </atu-r-vendor-specific>
        <atu-c-vendor-specific>
          atu-c-vendor-specific
        </atu-c-vendor-specific>
        <atu-r-country-code>
          atu-r-country-code
        </atu-r-country-code>
        <atu-c-country-code>
          atu-c-country-code
        </atu-c-country-code>
      </dsl-chipset-information>
    </dsl-information>
  </physical-interface>
</interface-policer-information>

```

Description

<dsl-information>

Usage

```

<dsl-information>
  <dsl-line-status>
    dsl-line-status
  </dsl-line-status>
  <dsl-line-operating-mode>

```

```
    dsl-line-operating-mode
  </dsl-line-operating-mode>
  <dsl-line-type>
    dsl-line-type
  </dsl-line-type>
  <adsl-annex-type>
    adsl-annex-type
  </adsl-annex-type>
  <adsl-last-fail-code>
    adsl-last-fail-code
  </adsl-last-fail-code>
  <adsl-subfunction>
    adsl-subfunction
  </adsl-subfunction>
  <adsl-seconds-in-showtime>
    adsl-seconds-in-showtime
  </adsl-seconds-in-showtime>
  <dsl-chipset-information>....</dsl-chipset-information>
  <dsl-statistics>....</dsl-statistics>
</dsl-information>
```

Description Operational information and statistics for ADSL interfaces

<dsl-information>

Usage

```
<physical-interface>
  <dsl-information>
    <dsl-line-status>
      dsl-line-status
    </dsl-line-status>
    <dsl-line-operating-mode>
      dsl-line-operating-mode
    </dsl-line-operating-mode>
    <dsl-line-type>
      dsl-line-type
    </dsl-line-type>
    <adsl-annex-type>
      adsl-annex-type
    </adsl-annex-type>
    <adsl-last-fail-code>
      adsl-last-fail-code
    </adsl-last-fail-code>
    <adsl-subfunction>
      adsl-subfunction
    </adsl-subfunction>
    <adsl-seconds-in-showtime>
      adsl-seconds-in-showtime
    </adsl-seconds-in-showtime>
    <dsl-chipset-information>....</dsl-chipset-information>
    <dsl-statistics>....</dsl-statistics>
  </dsl-information>
</physical-interface>
```

Description Operational information and statistics for ADSL interfaces

<dsl-information>

Usage

```
<interface-information>
  <physical-interface>
    <dsl-information>
      <dsl-line-status>
        dsl-line-status
      </dsl-line-status>
      <dsl-line-operating-mode>
        dsl-line-operating-mode
      </dsl-line-operating-mode>
      <dsl-line-type>
        dsl-line-type
      </dsl-line-type>
      <adsl-annex-type>
        adsl-annex-type
      </adsl-annex-type>
      <adsl-last-fail-code>
        adsl-last-fail-code
      </adsl-last-fail-code>
      <adsl-subfunction>
        adsl-subfunction
      </adsl-subfunction>
      <adsl-seconds-in-showtime>
        adsl-seconds-in-showtime
      </adsl-seconds-in-showtime>
      <dsl-chipset-information>....</dsl-chipset-information>
      <dsl-statistics>....</dsl-statistics>
    </dsl-information>
  </physical-interface>
</interface-information>
```

Description Operational information and statistics for ADSL interfaces

<dsl-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <dsl-information>
      <dsl-line-status>
        dsl-line-status
      </dsl-line-status>
      <dsl-line-operating-mode>
        dsl-line-operating-mode
      </dsl-line-operating-mode>
      <dsl-line-type>
        dsl-line-type
      </dsl-line-type>
      <adsl-annex-type>
        adsl-annex-type
```

```
</adsl-annex-type>
<adsl-last-fail-code>
  adsl-last-fail-code
</adsl-last-fail-code>
<adsl-subfunction>
  adsl-subfunction
</adsl-subfunction>
<adsl-seconds-in-showtime>
  adsl-seconds-in-showtime
</adsl-seconds-in-showtime>
<dsl-chipset-information>....</dsl-chipset-information>
<dsl-statistics>....</dsl-statistics>
</dsl-information>
</physical-interface>
</interface-filter-information>
```

Description Operational information and statistics for ADSL interfaces

<dsl-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <dsl-information>
    <dsl-line-status>
      dsl-line-status
    </dsl-line-status>
    <dsl-line-operating-mode>
      dsl-line-operating-mode
    </dsl-line-operating-mode>
    <dsl-line-type>
      dsl-line-type
    </dsl-line-type>
    <adsl-annex-type>
      adsl-annex-type
    </adsl-annex-type>
    <adsl-last-fail-code>
      adsl-last-fail-code
    </adsl-last-fail-code>
    <adsl-subfunction>
      adsl-subfunction
    </adsl-subfunction>
    <adsl-seconds-in-showtime>
      adsl-seconds-in-showtime
    </adsl-seconds-in-showtime>
    <dsl-chipset-information>....</dsl-chipset-information>
    <dsl-statistics>....</dsl-statistics>
  </dsl-information>
</physical-interface>
</interface-policer-information>
```

Description Operational information and statistics for ADSL interfaces

<dsl-statistics>

Usage

```

<dsl-information>
  <dsl-statistics>
    <near-end-attainable-bitrate>
      near-end-attainable-bitrate
    </near-end-attainable-bitrate>
    <far-end-attainable-bitrate>
      far-end-attainable-bitrate
    </far-end-attainable-bitrate>
    <near-end-attenuation>
      near-end-attenuation
    </near-end-attenuation>
    <far-end-attenuation>
      far-end-attenuation
    </far-end-attenuation>
    <near-end-capacity-used>
      near-end-capacity-used
    </near-end-capacity-used>
    <far-end-capacity-used>
      far-end-capacity-used
    </far-end-capacity-used>
    <near-end-noise-margin>
      near-end-noise-margin
    </near-end-noise-margin>
    <far-end-noise-margin>
      far-end-noise-margin
    </far-end-noise-margin>
    <near-end-output-power>
      near-end-output-power
    </near-end-output-power>
    <far-end-output-power>
      far-end-output-power
    </far-end-output-power>
    <interleaved-rx-cells>
      interleaved-rx-cells
    </interleaved-rx-cells>
    <fast-rx-cells>
      fast-rx-cells
    </fast-rx-cells>
    <interleaved-tx-cells>
      interleaved-tx-cells
    </interleaved-tx-cells>
    <fast-tx-cells>
      fast-tx-cells
    </fast-tx-cells>
    <near-end-interleaved-bitrate>
      near-end-interleaved-bitrate
    </near-end-interleaved-bitrate>
    <near-end-fast-bitrate>
      near-end-fast-bitrate
    </near-end-fast-bitrate>
    <far-end-interleaved-bitrate>
      far-end-interleaved-bitrate

```

```
</far-end-interleaved-bitrate>
<far-end-fast-bitrate>
  far-end-fast-bitrate
</far-end-fast-bitrate>
<near-end-interleaved-crc>
  near-end-interleaved-crc
</near-end-interleaved-crc>
<near-end-fast-crc>
  near-end-fast-crc
</near-end-fast-crc>
<far-end-interleaved-crc>
  far-end-interleaved-crc
</far-end-interleaved-crc>
<far-end-fast-crc>
  far-end-fast-crc
</far-end-fast-crc>
<near-end-interleaved-hec>
  near-end-interleaved-hec
</near-end-interleaved-hec>
<near-end-fast-hec>
  near-end-fast-hec
</near-end-fast-hec>
<far-end-interleaved-hec>
  far-end-interleaved-hec
</far-end-interleaved-hec>
<far-end-fast-hec>
  far-end-fast-hec
</far-end-fast-hec>
<near-end-interleaved-fec>
  near-end-interleaved-fec
</near-end-interleaved-fec>
<near-end-fast-fec>
  near-end-fast-fec
</near-end-fast-fec>
<far-end-interleaved-fec>
  far-end-interleaved-fec
</far-end-interleaved-fec>
<far-end-fast-fec>
  far-end-fast-fec
</far-end-fast-fec>
<near-end-interleaved-rx-cells>
  near-end-interleaved-rx-cells
</near-end-interleaved-rx-cells>
<near-end-fast-rx-cells>
  near-end-fast-rx-cells
</near-end-fast-rx-cells>
<near-end-interleaved-tx-cells>
  near-end-interleaved-tx-cells
</near-end-interleaved-tx-cells>
<near-end-fast-tx-cells>
  near-end-fast-tx-cells
</near-end-fast-tx-cells>
</dsl-statistics>
</dsl-information>
```


Description

<dsl-statistics>

Usage

```

<physical-interface>
  <dsl-information>
    <dsl-statistics>
      <near-end-attainable-bitrate>
        near-end-attainable-bitrate
      </near-end-attainable-bitrate>
      <far-end-attainable-bitrate>
        far-end-attainable-bitrate
      </far-end-attainable-bitrate>
      <near-end-attenuation>
        near-end-attenuation
      </near-end-attenuation>
      <far-end-attenuation>
        far-end-attenuation
      </far-end-attenuation>
      <near-end-capacity-used>
        near-end-capacity-used
      </near-end-capacity-used>
      <far-end-capacity-used>
        far-end-capacity-used
      </far-end-capacity-used>
      <near-end-noise-margin>
        near-end-noise-margin
      </near-end-noise-margin>
      <far-end-noise-margin>
        far-end-noise-margin
      </far-end-noise-margin>
      <near-end-output-power>
        near-end-output-power
      </near-end-output-power>
      <far-end-output-power>
        far-end-output-power
      </far-end-output-power>
      <interleaved-rx-cells>
        interleaved-rx-cells
      </interleaved-rx-cells>
      <fast-rx-cells>
        fast-rx-cells
      </fast-rx-cells>
      <interleaved-tx-cells>
        interleaved-tx-cells
      </interleaved-tx-cells>
      <fast-tx-cells>
        fast-tx-cells
      </fast-tx-cells>
      <near-end-interleaved-bitrate>
        near-end-interleaved-bitrate
      </near-end-interleaved-bitrate>
      <near-end-fast-bitrate>
        near-end-fast-bitrate
      </near-end-fast-bitrate>

```

```
<far-end-interleaved-bitrate>
  far-end-interleaved-bitrate
</far-end-interleaved-bitrate>
<far-end-fast-bitrate>
  far-end-fast-bitrate
</far-end-fast-bitrate>
<near-end-interleaved-crc>
  near-end-interleaved-crc
</near-end-interleaved-crc>
<near-end-fast-crc>
  near-end-fast-crc
</near-end-fast-crc>
<far-end-interleaved-crc>
  far-end-interleaved-crc
</far-end-interleaved-crc>
<far-end-fast-crc>
  far-end-fast-crc
</far-end-fast-crc>
<near-end-interleaved-hec>
  near-end-interleaved-hec
</near-end-interleaved-hec>
<near-end-fast-hec>
  near-end-fast-hec
</near-end-fast-hec>
<far-end-interleaved-hec>
  far-end-interleaved-hec
</far-end-interleaved-hec>
<far-end-fast-hec>
  far-end-fast-hec
</far-end-fast-hec>
<near-end-interleaved-fec>
  near-end-interleaved-fec
</near-end-interleaved-fec>
<near-end-fast-fec>
  near-end-fast-fec
</near-end-fast-fec>
<far-end-interleaved-fec>
  far-end-interleaved-fec
</far-end-interleaved-fec>
<far-end-fast-fec>
  far-end-fast-fec
</far-end-fast-fec>
<near-end-interleaved-rx-cells>
  near-end-interleaved-rx-cells
</near-end-interleaved-rx-cells>
<near-end-fast-rx-cells>
  near-end-fast-rx-cells
</near-end-fast-rx-cells>
<near-end-interleaved-tx-cells>
  near-end-interleaved-tx-cells
</near-end-interleaved-tx-cells>
<near-end-fast-tx-cells>
  near-end-fast-tx-cells
</near-end-fast-tx-cells>
</dsl-statistics>
</dsl-information>
```

```
</physical-interface>
```

Description

```
<dsl-statistics>
```

Usage

```
<interface-information>
<physical-interface>
  <dsl-information>
    <dsl-statistics>
      <near-end-attainable-bitrate>
        near-end-attainable-bitrate
      </near-end-attainable-bitrate>
      <far-end-attainable-bitrate>
        far-end-attainable-bitrate
      </far-end-attainable-bitrate>
      <near-end-attenuation>
        near-end-attenuation
      </near-end-attenuation>
      <far-end-attenuation>
        far-end-attenuation
      </far-end-attenuation>
      <near-end-capacity-used>
        near-end-capacity-used
      </near-end-capacity-used>
      <far-end-capacity-used>
        far-end-capacity-used
      </far-end-capacity-used>
      <near-end-noise-margin>
        near-end-noise-margin
      </near-end-noise-margin>
      <far-end-noise-margin>
        far-end-noise-margin
      </far-end-noise-margin>
      <near-end-output-power>
        near-end-output-power
      </near-end-output-power>
      <far-end-output-power>
        far-end-output-power
      </far-end-output-power>
      <interleaved-rx-cells>
        interleaved-rx-cells
      </interleaved-rx-cells>
      <fast-rx-cells>
        fast-rx-cells
      </fast-rx-cells>
      <interleaved-tx-cells>
        interleaved-tx-cells
      </interleaved-tx-cells>
      <fast-tx-cells>
        fast-tx-cells
      </fast-tx-cells>
      <near-end-interleaved-bitrate>
        near-end-interleaved-bitrate
```

```
</near-end-interleaved-bitrate>
<near-end-fast-bitrate>
  near-end-fast-bitrate
</near-end-fast-bitrate>
<far-end-interleaved-bitrate>
  far-end-interleaved-bitrate
</far-end-interleaved-bitrate>
<far-end-fast-bitrate>
  far-end-fast-bitrate
</far-end-fast-bitrate>
<near-end-interleaved-crc>
  near-end-interleaved-crc
</near-end-interleaved-crc>
<near-end-fast-crc>
  near-end-fast-crc
</near-end-fast-crc>
<far-end-interleaved-crc>
  far-end-interleaved-crc
</far-end-interleaved-crc>
<far-end-fast-crc>
  far-end-fast-crc
</far-end-fast-crc>
<near-end-interleaved-hec>
  near-end-interleaved-hec
</near-end-interleaved-hec>
<near-end-fast-hec>
  near-end-fast-hec
</near-end-fast-hec>
<far-end-interleaved-hec>
  far-end-interleaved-hec
</far-end-interleaved-hec>
<far-end-fast-hec>
  far-end-fast-hec
</far-end-fast-hec>
<near-end-interleaved-fec>
  near-end-interleaved-fec
</near-end-interleaved-fec>
<near-end-fast-fec>
  near-end-fast-fec
</near-end-fast-fec>
<far-end-interleaved-fec>
  far-end-interleaved-fec
</far-end-interleaved-fec>
<far-end-fast-fec>
  far-end-fast-fec
</far-end-fast-fec>
<near-end-interleaved-rx-cells>
  near-end-interleaved-rx-cells
</near-end-interleaved-rx-cells>
<near-end-fast-rx-cells>
  near-end-fast-rx-cells
</near-end-fast-rx-cells>
<near-end-interleaved-tx-cells>
  near-end-interleaved-tx-cells
</near-end-interleaved-tx-cells>
<near-end-fast-tx-cells>
```

```

        near-end-fast-tx-cells
      </near-end-fast-tx-cells>
    </dsl-statistics>
  </dsl-information>
</physical-interface>
</interface-information>

```

Description

<dsl-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <dsl-information>
      <dsl-statistics>
        <near-end-attainable-bitrate>
          near-end-attainable-bitrate
        </near-end-attainable-bitrate>
        <far-end-attainable-bitrate>
          far-end-attainable-bitrate
        </far-end-attainable-bitrate>
        <near-end-attenuation>
          near-end-attenuation
        </near-end-attenuation>
        <far-end-attenuation>
          far-end-attenuation
        </far-end-attenuation>
        <near-end-capacity-used>
          near-end-capacity-used
        </near-end-capacity-used>
        <far-end-capacity-used>
          far-end-capacity-used
        </far-end-capacity-used>
        <near-end-noise-margin>
          near-end-noise-margin
        </near-end-noise-margin>
        <far-end-noise-margin>
          far-end-noise-margin
        </far-end-noise-margin>
        <near-end-output-power>
          near-end-output-power
        </near-end-output-power>
        <far-end-output-power>
          far-end-output-power
        </far-end-output-power>
        <interleaved-rx-cells>
          interleaved-rx-cells
        </interleaved-rx-cells>
        <fast-rx-cells>
          fast-rx-cells
        </fast-rx-cells>
        <interleaved-tx-cells>
          interleaved-tx-cells
        </interleaved-tx-cells>
      </dsl-statistics>
    </dsl-information>
  </physical-interface>
</interface-filter-information>

```

```
<fast-tx-cells>
  fast-tx-cells
</fast-tx-cells>
<near-end-interleaved-bitrate>
  near-end-interleaved-bitrate
</near-end-interleaved-bitrate>
<near-end-fast-bitrate>
  near-end-fast-bitrate
</near-end-fast-bitrate>
<far-end-interleaved-bitrate>
  far-end-interleaved-bitrate
</far-end-interleaved-bitrate>
<far-end-fast-bitrate>
  far-end-fast-bitrate
</far-end-fast-bitrate>
<near-end-interleaved-crc>
  near-end-interleaved-crc
</near-end-interleaved-crc>
<near-end-fast-crc>
  near-end-fast-crc
</near-end-fast-crc>
<far-end-interleaved-crc>
  far-end-interleaved-crc
</far-end-interleaved-crc>
<far-end-fast-crc>
  far-end-fast-crc
</far-end-fast-crc>
<near-end-interleaved-hec>
  near-end-interleaved-hec
</near-end-interleaved-hec>
<near-end-fast-hec>
  near-end-fast-hec
</near-end-fast-hec>
<far-end-interleaved-hec>
  far-end-interleaved-hec
</far-end-interleaved-hec>
<far-end-fast-hec>
  far-end-fast-hec
</far-end-fast-hec>
<near-end-interleaved-fec>
  near-end-interleaved-fec
</near-end-interleaved-fec>
<near-end-fast-fec>
  near-end-fast-fec
</near-end-fast-fec>
<far-end-interleaved-fec>
  far-end-interleaved-fec
</far-end-interleaved-fec>
<far-end-fast-fec>
  far-end-fast-fec
</far-end-fast-fec>
<near-end-interleaved-rx-cells>
  near-end-interleaved-rx-cells
</near-end-interleaved-rx-cells>
<near-end-fast-rx-cells>
  near-end-fast-rx-cells
```

```

</near-end-fast-rx-cells>
<near-end-interleaved-tx-cells>
  near-end-interleaved-tx-cells
</near-end-interleaved-tx-cells>
<near-end-fast-tx-cells>
  near-end-fast-tx-cells
</near-end-fast-tx-cells>
</dsl-statistics>
</dsl-information>
</physical-interface>
</interface-filter-information>

```

Description

<dsl-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <dsl-information>
      <dsl-statistics>
        <near-end-attainable-bitrate>
          near-end-attainable-bitrate
        </near-end-attainable-bitrate>
        <far-end-attainable-bitrate>
          far-end-attainable-bitrate
        </far-end-attainable-bitrate>
        <near-end-attenuation>
          near-end-attenuation
        </near-end-attenuation>
        <far-end-attenuation>
          far-end-attenuation
        </far-end-attenuation>
        <near-end-capacity-used>
          near-end-capacity-used
        </near-end-capacity-used>
        <far-end-capacity-used>
          far-end-capacity-used
        </far-end-capacity-used>
        <near-end-noise-margin>
          near-end-noise-margin
        </near-end-noise-margin>
        <far-end-noise-margin>
          far-end-noise-margin
        </far-end-noise-margin>
        <near-end-output-power>
          near-end-output-power
        </near-end-output-power>
        <far-end-output-power>
          far-end-output-power
        </far-end-output-power>
        <interleaved-rx-cells>
          interleaved-rx-cells
        </interleaved-rx-cells>
        <fast-rx-cells>

```

```
    fast-rx-cells
  </fast-rx-cells>
  <interleaved-tx-cells>
    interleaved-tx-cells
  </interleaved-tx-cells>
  <fast-tx-cells>
    fast-tx-cells
  </fast-tx-cells>
  <near-end-interleaved-bitrate>
    near-end-interleaved-bitrate
  </near-end-interleaved-bitrate>
  <near-end-fast-bitrate>
    near-end-fast-bitrate
  </near-end-fast-bitrate>
  <far-end-interleaved-bitrate>
    far-end-interleaved-bitrate
  </far-end-interleaved-bitrate>
  <far-end-fast-bitrate>
    far-end-fast-bitrate
  </far-end-fast-bitrate>
  <near-end-interleaved-crc>
    near-end-interleaved-crc
  </near-end-interleaved-crc>
  <near-end-fast-crc>
    near-end-fast-crc
  </near-end-fast-crc>
  <far-end-interleaved-crc>
    far-end-interleaved-crc
  </far-end-interleaved-crc>
  <far-end-fast-crc>
    far-end-fast-crc
  </far-end-fast-crc>
  <near-end-interleaved-hec>
    near-end-interleaved-hec
  </near-end-interleaved-hec>
  <near-end-fast-hec>
    near-end-fast-hec
  </near-end-fast-hec>
  <far-end-interleaved-hec>
    far-end-interleaved-hec
  </far-end-interleaved-hec>
  <far-end-fast-hec>
    far-end-fast-hec
  </far-end-fast-hec>
  <near-end-interleaved-fec>
    near-end-interleaved-fec
  </near-end-interleaved-fec>
  <near-end-fast-fec>
    near-end-fast-fec
  </near-end-fast-fec>
  <far-end-interleaved-fec>
    far-end-interleaved-fec
  </far-end-interleaved-fec>
  <far-end-fast-fec>
    far-end-fast-fec
  </far-end-fast-fec>
```



```

    <near-end-interleaved-rx-cells>
      near-end-interleaved-rx-cells
    </near-end-interleaved-rx-cells>
    <near-end-fast-rx-cells>
      near-end-fast-rx-cells
    </near-end-fast-rx-cells>
    <near-end-interleaved-tx-cells>
      near-end-interleaved-tx-cells
    </near-end-interleaved-tx-cells>
    <near-end-fast-tx-cells>
      near-end-fast-tx-cells
    </near-end-fast-tx-cells>
  </dsl-statistics>
</dsl-information>
</physical-interface>
</interface-policer-information>

```

Description**<dsu-information>****Usage**

```

<dsu-information>
  <dsu-compatibility-mode>
    dsu-compatibility-mode
  </dsu-compatibility-mode>
  <dsu-scrambler>
    dsu-scrambler
  </dsu-scrambler>
  <dsu-subrate>
    dsu-subrate
  </dsu-subrate>
  <feac-loopback>
    feac-loopback
  </feac-loopback>
  <feac-response>
    feac-response
  </feac-response>
  <feac-count>
    feac-count
  </feac-count>
</dsu-information>

```

Description DSU configuration and statistics**<dsu-information>****Usage**

```

<physical-interface>
  <dsu-information>
    <dsu-compatibility-mode>
      dsu-compatibility-mode
    </dsu-compatibility-mode>
    <dsu-scrambler>

```

```
    dsu-scrambler
  </dsu-scrambler>
  <dsu-subrate>
    dsu-subrate
  </dsu-subrate>
  <feac-loopback>
    feac-loopback
  </feac-loopback>
  <feac-response>
    feac-response
  </feac-response>
  <feac-count>
    feac-count
  </feac-count>
</dsu-information>
</physical-interface>
```

Description DSU configuration and statistics

<dsu-information>

Usage

```
<interface-information>
<physical-interface>
  <dsu-information>
    <dsu-compatibility-mode>
      dsu-compatibility-mode
    </dsu-compatibility-mode>
    <dsu-scrambler>
      dsu-scrambler
    </dsu-scrambler>
    <dsu-subrate>
      dsu-subrate
    </dsu-subrate>
    <feac-loopback>
      feac-loopback
    </feac-loopback>
    <feac-response>
      feac-response
    </feac-response>
    <feac-count>
      feac-count
    </feac-count>
  </dsu-information>
</physical-interface>
</interface-information>
```

Description DSU configuration and statistics

<dsu-information>

Usage

```
<interface-filter-information>
```

```

<physical-interface>
  <dsu-information>
    <dsu-compatibility-mode>
      dsu-compatibility-mode
    </dsu-compatibility-mode>
    <dsu-scrambler>
      dsu-scrambler
    </dsu-scrambler>
    <dsu-subrate>
      dsu-subrate
    </dsu-subrate>
    <feac-loopback>
      feac-loopback
    </feac-loopback>
    <feac-response>
      feac-response
    </feac-response>
    <feac-count>
      feac-count
    </feac-count>
  </dsu-information>
</physical-interface>
</interface-filter-information>

```

Description DSU configuration and statistics

<dsu-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <dsu-information>
      <dsu-compatibility-mode>
        dsu-compatibility-mode
      </dsu-compatibility-mode>
      <dsu-scrambler>
        dsu-scrambler
      </dsu-scrambler>
      <dsu-subrate>
        dsu-subrate
      </dsu-subrate>
      <feac-loopback>
        feac-loopback
      </feac-loopback>
      <feac-response>
        feac-response
      </feac-response>
      <feac-count>
        feac-count
      </feac-count>
    </dsu-information>
  </physical-interface>
</interface-policer-information>

```

Description DSU configuration and statistics

<dtr-circuit>

Usage

```
<serial-information>
  <dtr-circuit>
    <dtr-circuit-mode>
      dtr-circuit-mode
    </dtr-circuit-mode>
  </dtr-circuit>
</serial-information>
```

Description

<dtr-circuit>

Usage

```
<physical-interface>
  <serial-information>
    <dtr-circuit>
      <dtr-circuit-mode>
        dtr-circuit-mode
      </dtr-circuit-mode>
    </dtr-circuit>
  </serial-information>
</physical-interface>
```

Description

<dtr-circuit>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <dtr-circuit>
        <dtr-circuit-mode>
          dtr-circuit-mode
        </dtr-circuit-mode>
      </dtr-circuit>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<dtr-circuit>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
```

```

<dtr-circuit>
  <dtr-circuit-mode>
    dtr-circuit-mode
  </dtr-circuit-mode>
</dtr-circuit>
</serial-information>
</physical-interface>
</interface-filter-information>

```

Description

<dtr-circuit>

Usage

```

<interface-policer-information>
  <physical-interface>
    <serial-information>
      <dtr-circuit>
        <dtr-circuit-mode>
          dtr-circuit-mode
        </dtr-circuit-mode>
      </dtr-circuit>
    </serial-information>
  </physical-interface>
</interface-policer-information>

```

Description

<e3-bert-information>

Usage

```

<e3-bert-information>
  <e3-bert-period>
    e3-bert-period
  </e3-bert-period>
  <e3-bert-elapsed>
    e3-bert-elapsed
  </e3-bert-elapsed>
  <e3-bert-status>
    e3-bert-status
  </e3-bert-status>
  <e3-bert-algorithm>
    e3-bert-algorithm
  </e3-bert-algorithm>
  <e3-bert-error-rate>
    e3-bert-error-rate
  </e3-bert-error-rate>
  <e3-bert-induced-error-rate>
    e3-bert-induced-error-rate
  </e3-bert-induced-error-rate>
  <e3-bert-bit-count>
    e3-bert-bit-count
  </e3-bert-bit-count>
  <e3-bert-bit-count-overflow>

```

```
    e3-bert-bit-count-overflow
  </e3-bert-bit-count-overflow>
  <e3-bert-error-bit-count>
    e3-bert-error-bit-count
  </e3-bert-error-bit-count>
  <e3-bert-error-bit-count-overflow>
    e3-bert-error-bit-count-overflow
  </e3-bert-error-bit-count-overflow>
  <e3-bert-los-status>
    e3-bert-los-status
  </e3-bert-los-status>
  <e3-bert-los-count>
    e3-bert-los-count
  </e3-bert-los-count>
  <e3-bert-los-seconds>
    e3-bert-los-seconds
  </e3-bert-los-seconds>
</e3-bert-information>
```

Description E3 BERT configuration and statistics

<e3-bert-information>

Usage

```
<physical-interface>
  <e3-bert-information>
    <e3-bert-period>
      e3-bert-period
    </e3-bert-period>
    <e3-bert-elapsed>
      e3-bert-elapsed
    </e3-bert-elapsed>
    <e3-bert-status>
      e3-bert-status
    </e3-bert-status>
    <e3-bert-algorithm>
      e3-bert-algorithm
    </e3-bert-algorithm>
    <e3-bert-error-rate>
      e3-bert-error-rate
    </e3-bert-error-rate>
    <e3-bert-induced-error-rate>
      e3-bert-induced-error-rate
    </e3-bert-induced-error-rate>
    <e3-bert-bit-count>
      e3-bert-bit-count
    </e3-bert-bit-count>
    <e3-bert-bit-count-overflow>
      e3-bert-bit-count-overflow
    </e3-bert-bit-count-overflow>
    <e3-bert-error-bit-count>
      e3-bert-error-bit-count
    </e3-bert-error-bit-count>
    <e3-bert-error-bit-count-overflow>
```

```

    e3-bert-error-bit-count-overflow
  </e3-bert-error-bit-count-overflow>
  <e3-bert-los-status>
    e3-bert-los-status
  </e3-bert-los-status>
  <e3-bert-los-count>
    e3-bert-los-count
  </e3-bert-los-count>
  <e3-bert-los-seconds>
    e3-bert-los-seconds
  </e3-bert-los-seconds>
</e3-bert-information>
</physical-interface>

```

Description E3 BERT configuration and statistics

<e3-bert-information>

Usage

```

<interface-information>
  <physical-interface>
    <e3-bert-information>
      <e3-bert-period>
        e3-bert-period
      </e3-bert-period>
      <e3-bert-elapsed>
        e3-bert-elapsed
      </e3-bert-elapsed>
      <e3-bert-status>
        e3-bert-status
      </e3-bert-status>
      <e3-bert-algorithm>
        e3-bert-algorithm
      </e3-bert-algorithm>
      <e3-bert-error-rate>
        e3-bert-error-rate
      </e3-bert-error-rate>
      <e3-bert-induced-error-rate>
        e3-bert-induced-error-rate
      </e3-bert-induced-error-rate>
      <e3-bert-bit-count>
        e3-bert-bit-count
      </e3-bert-bit-count>
      <e3-bert-bit-count-overflow>
        e3-bert-bit-count-overflow
      </e3-bert-bit-count-overflow>
      <e3-bert-error-bit-count>
        e3-bert-error-bit-count
      </e3-bert-error-bit-count>
      <e3-bert-error-bit-count-overflow>
        e3-bert-error-bit-count-overflow
      </e3-bert-error-bit-count-overflow>
      <e3-bert-los-status>
        e3-bert-los-status
    </e3-bert-information>
  </physical-interface>
</interface-information>

```

```
</e3-bert-los-status>
<e3-bert-los-count>
  e3-bert-los-count
</e3-bert-los-count>
<e3-bert-los-seconds>
  e3-bert-los-seconds
</e3-bert-los-seconds>
</e3-bert-information>
</physical-interface>
</interface-information>
```

Description E3 BERT configuration and statistics

<e3-bert-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <e3-bert-information>
    <e3-bert-period>
      e3-bert-period
    </e3-bert-period>
    <e3-bert-elapsed>
      e3-bert-elapsed
    </e3-bert-elapsed>
    <e3-bert-status>
      e3-bert-status
    </e3-bert-status>
    <e3-bert-algorithm>
      e3-bert-algorithm
    </e3-bert-algorithm>
    <e3-bert-error-rate>
      e3-bert-error-rate
    </e3-bert-error-rate>
    <e3-bert-induced-error-rate>
      e3-bert-induced-error-rate
    </e3-bert-induced-error-rate>
    <e3-bert-bit-count>
      e3-bert-bit-count
    </e3-bert-bit-count>
    <e3-bert-bit-count-overflow>
      e3-bert-bit-count-overflow
    </e3-bert-bit-count-overflow>
    <e3-bert-error-bit-count>
      e3-bert-error-bit-count
    </e3-bert-error-bit-count>
    <e3-bert-error-bit-count-overflow>
      e3-bert-error-bit-count-overflow
    </e3-bert-error-bit-count-overflow>
    <e3-bert-los-status>
      e3-bert-los-status
    </e3-bert-los-status>
    <e3-bert-los-count>
      e3-bert-los-count
```



```

    </e3-bert-los-count>
    <e3-bert-los-seconds>
      e3-bert-los-seconds
    </e3-bert-los-seconds>
  </e3-bert-information>
</physical-interface>
</interface-filter-information>

```

Description E3 BERT configuration and statistics

<e3-bert-information>

Usage

```

<interface-policer-information>
<physical-interface>
  <e3-bert-information>
    <e3-bert-period>
      e3-bert-period
    </e3-bert-period>
    <e3-bert-elapsed>
      e3-bert-elapsed
    </e3-bert-elapsed>
    <e3-bert-status>
      e3-bert-status
    </e3-bert-status>
    <e3-bert-algorithm>
      e3-bert-algorithm
    </e3-bert-algorithm>
    <e3-bert-error-rate>
      e3-bert-error-rate
    </e3-bert-error-rate>
    <e3-bert-induced-error-rate>
      e3-bert-induced-error-rate
    </e3-bert-induced-error-rate>
    <e3-bert-bit-count>
      e3-bert-bit-count
    </e3-bert-bit-count>
    <e3-bert-bit-count-overflow>
      e3-bert-bit-count-overflow
    </e3-bert-bit-count-overflow>
    <e3-bert-error-bit-count>
      e3-bert-error-bit-count
    </e3-bert-error-bit-count>
    <e3-bert-error-bit-count-overflow>
      e3-bert-error-bit-count-overflow
    </e3-bert-error-bit-count-overflow>
    <e3-bert-los-status>
      e3-bert-los-status
    </e3-bert-los-status>
    <e3-bert-los-count>
      e3-bert-los-count
    </e3-bert-los-count>
    <e3-bert-los-seconds>
      e3-bert-los-seconds

```

```

        </e3-bert-los-seconds>
        </e3-bert-information>
    </physical-interface>
</interface-policer-information>

```

Description E3 BERT configuration and statistics

<eia530-control-signal>

Usage

```

<serial-information>
  <eia530-control-signal>
    <mode>
      mode
    </mode>
    <to-dce>....</to-dce>
    <from-dce>....</from-dce>
    <to-dte>....</to-dte>
    <from-dte>....</from-dte>
  </eia530-control-signal>
</serial-information>

```

Description

<eia530-control-signal>

Usage

```

<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <mode>
        mode
      </mode>
      <to-dce>....</to-dce>
      <from-dce>....</from-dce>
      <to-dte>....</to-dte>
      <from-dte>....</from-dte>
    </eia530-control-signal>
  </serial-information>
</physical-interface>

```

Description

<eia530-control-signal>

Usage

```

<interface-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <mode>
          mode
        </mode>

```

```

    <to-dce>....</to-dce>
    <from-dce>....</from-dce>
    <to-dte>....</to-dte>
    <from-dte>....</from-dte>
  </eia530-control-signal>
</serial-information>
</physical-interface>
</interface-information>

```

Description

<eia530-control-signal>

Usage

```

<interface-filter-information>
<physical-interface>
<serial-information>
  <eia530-control-signal>
    <mode>
      mode
    </mode>
    <to-dce>....</to-dce>
    <from-dce>....</from-dce>
    <to-dte>....</to-dte>
    <from-dte>....</from-dte>
  </eia530-control-signal>
</serial-information>
</physical-interface>
</interface-filter-information>

```

Description

<eia530-control-signal>

Usage

```

<interface-policer-information>
<physical-interface>
<serial-information>
  <eia530-control-signal>
    <mode>
      mode
    </mode>
    <to-dce>....</to-dce>
    <from-dce>....</from-dce>
    <to-dte>....</to-dte>
    <from-dte>....</from-dte>
  </eia530-control-signal>
</serial-information>
</physical-interface>
</interface-policer-information>

```

Description

<eia530-signal-polarity>

Usage

```
<serial-information>
  <eia530-signal-polarity>
    <dtr-polarity>
      dtr-polarity
    </dtr-polarity>
    <rts-polarity>
      rts-polarity
    </rts-polarity>
    <dcd-polarity>
      dcd-polarity
    </dcd-polarity>
    <dsr-polarity>
      dsr-polarity
    </dsr-polarity>
    <cts-polarity>
      cts-polarity
    </cts-polarity>
    <tm-polarity>
      tm-polarity
    </tm-polarity>
  </eia530-signal-polarity>
</serial-information>
```

Description

<eia530-signal-polarity>

Usage

```
<physical-interface>
  <serial-information>
    <eia530-signal-polarity>
      <dtr-polarity>
        dtr-polarity
      </dtr-polarity>
      <rts-polarity>
        rts-polarity
      </rts-polarity>
      <dcd-polarity>
        dcd-polarity
      </dcd-polarity>
      <dsr-polarity>
        dsr-polarity
      </dsr-polarity>
      <cts-polarity>
        cts-polarity
      </cts-polarity>
      <tm-polarity>
        tm-polarity
      </tm-polarity>
    </eia530-signal-polarity>
  </serial-information>
```

```
</physical-interface>
```

Description

<eia530-signal-polarity>

Usage

```
<interface-information>
<physical-interface>
  <serial-information>
    <eia530-signal-polarity>
      <dtr-polarity>
        dtr-polarity
      </dtr-polarity>
      <rts-polarity>
        rts-polarity
      </rts-polarity>
      <dcd-polarity>
        dcd-polarity
      </dcd-polarity>
      <dsr-polarity>
        dsr-polarity
      </dsr-polarity>
      <cts-polarity>
        cts-polarity
      </cts-polarity>
      <tm-polarity>
        tm-polarity
      </tm-polarity>
    </eia530-signal-polarity>
  </serial-information>
</physical-interface>
</interface-information>
```

Description

<eia530-signal-polarity>

Usage

```
<interface-filter-information>
<physical-interface>
  <serial-information>
    <eia530-signal-polarity>
      <dtr-polarity>
        dtr-polarity
      </dtr-polarity>
      <rts-polarity>
        rts-polarity
      </rts-polarity>
      <dcd-polarity>
        dcd-polarity
      </dcd-polarity>
      <dsr-polarity>
        dsr-polarity
```

```
</dsr-polarity>
<cts-polarity>
  cts-polarity
</cts-polarity>
<tm-polarity>
  tm-polarity
</tm-polarity>
</eia530-signal-polarity>
</serial-information>
</physical-interface>
</interface-filter-information>
```

Description

<eia530-signal-polarity>

Usage

```
<interface-policer-information>
<physical-interface>
<serial-information>
  <eia530-signal-polarity>
    <dtr-polarity>
      dtr-polarity
    </dtr-polarity>
    <rts-polarity>
      rts-polarity
    </rts-polarity>
    <dcd-polarity>
      dcd-polarity
    </dcd-polarity>
    <dsr-polarity>
      dsr-polarity
    </dsr-polarity>
    <cts-polarity>
      cts-polarity
    </cts-polarity>
    <tm-polarity>
      tm-polarity
    </tm-polarity>
  </eia530-signal-polarity>
</serial-information>
</physical-interface>
</interface-policer-information>
```

Description

<es-efd-stats>

Usage

```
<physical-interface>
<es-efd-stats>
  <total-anti-replay-count>
    total-anti-replay-count
  </total-anti-replay-count>
```

```

    <total-authentication-failure-count>
      total-authentication-failure-count
    </total-authentication-failure-count>
  </es-ifd-stats>
</physical-interface>

```

Description ES PIC statistics

<es-ifd-stats>

Usage

```

<interface-information>
  <physical-interface>
    <es-ifd-stats>
      <total-anti-replay-count>
        total-anti-replay-count
      </total-anti-replay-count>
      <total-authentication-failure-count>
        total-authentication-failure-count
      </total-authentication-failure-count>
    </es-ifd-stats>
  </physical-interface>
</interface-information>

```

Description ES PIC statistics

<es-ifd-stats>

Usage

```

<interface-filter-information>
  <physical-interface>
    <es-ifd-stats>
      <total-anti-replay-count>
        total-anti-replay-count
      </total-anti-replay-count>
      <total-authentication-failure-count>
        total-authentication-failure-count
      </total-authentication-failure-count>
    </es-ifd-stats>
  </physical-interface>
</interface-filter-information>

```

Description ES PIC statistics

<es-ifd-stats>

Usage

```

<interface-policer-information>
  <physical-interface>
    <es-ifd-stats>
      <total-anti-replay-count>

```

```
        total-anti-replay-count
      </total-anti-replay-count>
      <total-authentication-failure-count>
        total-authentication-failure-count
      </total-authentication-failure-count>
    </es-ifd-stats>
  </physical-interface>
</interface-policer-information>
```

Description ES PIC statistics

<eth-switching-flags>

Usage

```
<bridge-iff-properties>
  <eth-switching-flags>
    <eth-switching-flags-value>
      eth-switching-flags-value
    </eth-switching-flags-value>
    <no-mac-learning-status>
      no-mac-learning-status
    </no-mac-learning-status>
  </eth-switching-flags>
</bridge-iff-properties>
```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```
<logical-interface>
  <bridge-iff-properties>
    <eth-switching-flags>
      <eth-switching-flags-value>
        eth-switching-flags-value
      </eth-switching-flags-value>
      <no-mac-learning-status>
        no-mac-learning-status
      </no-mac-learning-status>
    </eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```
<physical-interface>
  <logical-interface>
    <bridge-iff-properties>
```



```

<eth-switching-flags>
  <eth-switching-flags-value>
    eth-switching-flags-value
  </eth-switching-flags-value>
  <no-mac-learning-status>
    no-mac-learning-status
  </no-mac-learning-status>
</eth-switching-flags>
</bridge-iff-properties>
</logical-interface>
</physical-interface>

```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <bridge-iff-properties>
      <eth-switching-flags>
        <eth-switching-flags-value>
          eth-switching-flags-value
        </eth-switching-flags-value>
        <no-mac-learning-status>
          no-mac-learning-status
        </no-mac-learning-status>
      </eth-switching-flags>
    </bridge-iff-properties>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```

<interface-information>
  <logical-interface>
    <bridge-iff-properties>
      <eth-switching-flags>
        <eth-switching-flags-value>
          eth-switching-flags-value
        </eth-switching-flags-value>
        <no-mac-learning-status>
          no-mac-learning-status
        </no-mac-learning-status>
      </eth-switching-flags>
    </bridge-iff-properties>
  </logical-interface>

```

</interface-information>

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <bridge-iff-properties>
        <eth-switching-flags>
          <eth-switching-flags-value>
            eth-switching-flags-value
          </eth-switching-flags-value>
          <no-mac-learning-status>
            no-mac-learning-status
          </no-mac-learning-status>
        </eth-switching-flags>
      </bridge-iff-properties>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```
<interface-filter-information>
  <logical-interface>
    <bridge-iff-properties>
      <eth-switching-flags>
        <eth-switching-flags-value>
          eth-switching-flags-value
        </eth-switching-flags-value>
        <no-mac-learning-status>
          no-mac-learning-status
        </no-mac-learning-status>
      </eth-switching-flags>
    </bridge-iff-properties>
  </logical-interface>
</interface-filter-information>
```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
```

```

<logical-interface>
  <bridge-iff-properties>
    <eth-switching-flags>
      <eth-switching-flags-value>
        eth-switching-flags-value
      </eth-switching-flags-value>
      <no-mac-learning-status>
        no-mac-learning-status
      </no-mac-learning-status>
    </eth-switching-flags>
  </bridge-iff-properties>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Information about Ethernet-switching family flags

<eth-switching-flags>

Usage

```

<interface-policer-information>
  <logical-interface>
    <bridge-iff-properties>
      <eth-switching-flags>
        <eth-switching-flags-value>
          eth-switching-flags-value
        </eth-switching-flags-value>
        <no-mac-learning-status>
          no-mac-learning-status
        </no-mac-learning-status>
      </eth-switching-flags>
    </bridge-iff-properties>
  </logical-interface>
</interface-policer-information>

```

Description Information about Ethernet-switching family flags

<ether-policer-list>

Usage

```

<ether-policer-list>
  <ether-policer-record>....</ether-policer-record>
</ether-policer-list>

```

Description

<ether-policer-list>

Usage

```

<mac-policer-information>
  <ether-policer-list>
    <ether-policer-record>....</ether-policer-record>
  </ether-policer-list>

```

```
</ether-policer-list>
</mac-policer-information>
```

Description

<ether-policer-list>

Usage

```
<logical-interface>
  <mac-policer-information>
    <ether-policer-list>
      <ether-policer-record>....</ether-policer-record>
    </ether-policer-list>
  </mac-policer-information>
</logical-interface>
```

Description

<ether-policer-list>

Usage

```
<physical-interface>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>....</ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</physical-interface>
```

Description

<ether-policer-list>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <mac-policer-information>
        <ether-policer-list>
          <ether-policer-record>....</ether-policer-record>
        </ether-policer-list>
      </mac-policer-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<ether-policer-list>**Usage**

```
<interface-information>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>....</ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</interface-information>
```

Description**<ether-policer-list>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <mac-policer-information>
        <ether-policer-list>
          <ether-policer-record>....</ether-policer-record>
        </ether-policer-list>
      </mac-policer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description**<ether-policer-list>****Usage**

```
<interface-filter-information>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>....</ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</interface-filter-information>
```

Description**<ether-policer-list>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
```

```
<mac-policer-information>
  <ether-policer-list>
    <ether-policer-record>....</ether-policer-record>
  </ether-policer-list>
</mac-policer-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<ether-policer-list>

Usage

```
<interface-policer-information>
<logical-interface>
  <mac-policer-information>
    <ether-policer-list>
      <ether-policer-record>....</ether-policer-record>
    </ether-policer-list>
  </mac-policer-information>
</logical-interface>
</interface-policer-information>
```

Description

<ether-policer-record>

Usage

```
<ether-policer-list>
  <ether-policer-record>
    <policer-type>
      policer-type
    </policer-type>
    <out-of-spec-bytes>
      out-of-spec-bytes
    </out-of-spec-bytes>
    <out-of-spec-frames>
      out-of-spec-frames
    </out-of-spec-frames>
  </ether-policer-record>
</ether-policer-list>
```

Description

<ether-policer-record>

Usage

```
<mac-policer-information>
  <ether-policer-list>
    <ether-policer-record>
      <policer-type>
        policer-type
      </policer-type>
```

```

<out-of-spec-bytes>
  out-of-spec-bytes
</out-of-spec-bytes>
<out-of-spec-frames>
  out-of-spec-frames
</out-of-spec-frames>
</ether-policer-record>
</ether-policer-list>
</mac-policer-information>

```

Description

<ether-policer-record>

Usage

```

<logical-interface>
  <mac-policer-information>
    <ether-policer-list>
      <ether-policer-record>
        <policer-type>
          policer-type
        </policer-type>
        <out-of-spec-bytes>
          out-of-spec-bytes
        </out-of-spec-bytes>
        <out-of-spec-frames>
          out-of-spec-frames
        </out-of-spec-frames>
      </ether-policer-record>
    </ether-policer-list>
  </mac-policer-information>
</logical-interface>

```

Description

<ether-policer-record>

Usage

```

<physical-interface>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>
          <policer-type>
            policer-type
          </policer-type>
          <out-of-spec-bytes>
            out-of-spec-bytes
          </out-of-spec-bytes>
          <out-of-spec-frames>
            out-of-spec-frames
          </out-of-spec-frames>
        </ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</physical-interface>

```

```
</mac-policer-information>
</logical-interface>
</physical-interface>
```

Description

<ether-policer-record>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<mac-policer-information>
<ether-policer-list>
<ether-policer-record>
<policer-type>
  policer-type
</policer-type>
<out-of-spec-bytes>
  out-of-spec-bytes
</out-of-spec-bytes>
<out-of-spec-frames>
  out-of-spec-frames
</out-of-spec-frames>
</ether-policer-record>
</ether-policer-list>
</mac-policer-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<ether-policer-record>

Usage

```
<interface-information>
<logical-interface>
<mac-policer-information>
<ether-policer-list>
<ether-policer-record>
<policer-type>
  policer-type
</policer-type>
<out-of-spec-bytes>
  out-of-spec-bytes
</out-of-spec-bytes>
<out-of-spec-frames>
  out-of-spec-frames
</out-of-spec-frames>
</ether-policer-record>
</ether-policer-list>
</mac-policer-information>
</logical-interface>
```



```
</interface-information>
```

Description

<ether-policer-record>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <mac-policer-information>
        <ether-policer-list>
          <ether-policer-record>
            <policer-type>
              policer-type
            </policer-type>
            <out-of-spec-bytes>
              out-of-spec-bytes
            </out-of-spec-bytes>
            <out-of-spec-frames>
              out-of-spec-frames
            </out-of-spec-frames>
          </ether-policer-record>
        </ether-policer-list>
      </mac-policer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<ether-policer-record>

Usage

```
<interface-filter-information>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>
          <policer-type>
            policer-type
          </policer-type>
          <out-of-spec-bytes>
            out-of-spec-bytes
          </out-of-spec-bytes>
          <out-of-spec-frames>
            out-of-spec-frames
          </out-of-spec-frames>
        </ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</interface-filter-information>
```

Description

<ether-policer-record>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>
          <policer-type>
            policer-type
          </policer-type>
          <out-of-spec-bytes>
            out-of-spec-bytes
          </out-of-spec-bytes>
          <out-of-spec-frames>
            out-of-spec-frames
          </out-of-spec-frames>
        </ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<ether-policer-record>

Usage

```
<interface-policer-information>
  <logical-interface>
    <mac-policer-information>
      <ether-policer-list>
        <ether-policer-record>
          <policer-type>
            policer-type
          </policer-type>
          <out-of-spec-bytes>
            out-of-spec-bytes
          </out-of-spec-bytes>
          <out-of-spec-frames>
            out-of-spec-frames
          </out-of-spec-frames>
        </ether-policer-record>
      </ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</interface-policer-information>
```

Description

<ethernet-autonegotiation>**Usage**

```

<ethernet-autonegotiation>
  <autonegotiation-status>
    autonegotiation-status
  </autonegotiation-status>
  <link-partner-status>
    link-partner-status
  </link-partner-status>
  <link-partner-reason>
    link-partner-reason
  </link-partner-reason>
  <link-partner-duplexity>
    link-partner-duplexity
  </link-partner-duplexity>
  <link-partner-speed>
    link-partner-speed
  </link-partner-speed>
  <flow-control>
    flow-control
  </flow-control>
  <local-info>....</local-info>
</ethernet-autonegotiation>

```

Description Ethernet autonegotiation information

<ethernet-autonegotiation>**Usage**

```

<jswitch-port-information>
  <jswitch-port>
    <ethernet-autonegotiation>
      <autonegotiation-status>
        autonegotiation-status
      </autonegotiation-status>
      <link-partner-status>
        link-partner-status
      </link-partner-status>
      <link-partner-reason>
        link-partner-reason
      </link-partner-reason>
      <link-partner-duplexity>
        link-partner-duplexity
      </link-partner-duplexity>
      <link-partner-speed>
        link-partner-speed
      </link-partner-speed>
      <flow-control>
        flow-control
      </flow-control>
      <local-info>....</local-info>
    </ethernet-autonegotiation>
  </jswitch-port>

```

```
</jswitch-port-information>
```

Description Ethernet autonegotiation information

<ethernet-autonegotiation>

Usage

```
<physical-interface>
  <ethernet-autonegotiation>
    <autonegotiation-status>
      autonegotiation-status
    </autonegotiation-status>
    <link-partner-status>
      link-partner-status
    </link-partner-status>
    <link-partner-reason>
      link-partner-reason
    </link-partner-reason>
    <link-partner-duplexity>
      link-partner-duplexity
    </link-partner-duplexity>
    <link-partner-speed>
      link-partner-speed
    </link-partner-speed>
    <flow-control>
      flow-control
    </flow-control>
    <local-info>....</local-info>
  </ethernet-autonegotiation>
</physical-interface>
```

Description Ethernet autonegotiation information

<ethernet-autonegotiation>

Usage

```
<interface-information>
  <physical-interface>
    <ethernet-autonegotiation>
      <autonegotiation-status>
        autonegotiation-status
      </autonegotiation-status>
      <link-partner-status>
        link-partner-status
      </link-partner-status>
      <link-partner-reason>
        link-partner-reason
      </link-partner-reason>
      <link-partner-duplexity>
        link-partner-duplexity
      </link-partner-duplexity>
      <link-partner-speed>
        link-partner-speed
      </link-partner-speed>
    </ethernet-autonegotiation>
  </physical-interface>
</interface-information>
```

```

    </link-partner-speed>
    <flow-control>
      flow-control
    </flow-control>
    <local-info>....</local-info>
  </ethernet-autonegotiation>
</physical-interface>
</interface-information>

```

Description Ethernet autonegotiation information

<ethernet-autonegotiation>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ethernet-autonegotiation>
      <autonegotiation-status>
        autonegotiation-status
      </autonegotiation-status>
      <link-partner-status>
        link-partner-status
      </link-partner-status>
      <link-partner-reason>
        link-partner-reason
      </link-partner-reason>
      <link-partner-duplexity>
        link-partner-duplexity
      </link-partner-duplexity>
      <link-partner-speed>
        link-partner-speed
      </link-partner-speed>
      <flow-control>
        flow-control
      </flow-control>
      <local-info>....</local-info>
    </ethernet-autonegotiation>
  </physical-interface>
</interface-filter-information>

```

Description Ethernet autonegotiation information

<ethernet-autonegotiation>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ethernet-autonegotiation>
      <autonegotiation-status>
        autonegotiation-status
      </autonegotiation-status>
      <link-partner-status>
        link-partner-status

```

```
</link-partner-status>
<link-partner-reason>
  link-partner-reason
</link-partner-reason>
<link-partner-duplexity>
  link-partner-duplexity
</link-partner-duplexity>
<link-partner-speed>
  link-partner-speed
</link-partner-speed>
<flow-control>
  flow-control
</flow-control>
<local-info>....</local-info>
</ethernet-autonegotiation>
</physical-interface>
</interface-policer-information>
```

Description Ethernet autonegotiation information

<ethernet-filter-statistics>

Usage

```
<ethernet-filter-statistics>
<input-packets>
  input-packets
</input-packets>
<input-reject-count>
  input-reject-count
</input-reject-count>
<input-reject-destination-address-count>
  input-reject-destination-address-count
</input-reject-destination-address-count>
<input-reject-source-address-count>
  input-reject-source-address-count
</input-reject-source-address-count>
<output-packets>
  output-packets
</output-packets>
<output-packet-pad-count>
  output-packet-pad-count
</output-packet-pad-count>
<output-packet-error-count>
  output-packet-error-count
</output-packet-error-count>
<cam-destination-filter-count>
  cam-destination-filter-count
</cam-destination-filter-count>
<cam-source-filter-count>
  cam-source-filter-count
</cam-source-filter-count>
</ethernet-filter-statistics>
```

Description Ethernet filter statistics

<ethernet-filter-statistics>

Usage

```
<physical-interface>
  <ethernet-filter-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-reject-count>
      input-reject-count
    </input-reject-count>
    <input-reject-destination-address-count>
      input-reject-destination-address-count
    </input-reject-destination-address-count>
    <input-reject-source-address-count>
      input-reject-source-address-count
    </input-reject-source-address-count>
    <output-packets>
      output-packets
    </output-packets>
    <output-packet-pad-count>
      output-packet-pad-count
    </output-packet-pad-count>
    <output-packet-error-count>
      output-packet-error-count
    </output-packet-error-count>
    <cam-destination-filter-count>
      cam-destination-filter-count
    </cam-destination-filter-count>
    <cam-source-filter-count>
      cam-source-filter-count
    </cam-source-filter-count>
  </ethernet-filter-statistics>
</physical-interface>
```

Description Ethernet filter statistics

<ethernet-filter-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <ethernet-filter-statistics>
      <input-packets>
        input-packets
      </input-packets>
      <input-reject-count>
        input-reject-count
      </input-reject-count>
      <input-reject-destination-address-count>
        input-reject-destination-address-count
      </input-reject-destination-address-count>
```

```
<input-reject-source-address-count>
  input-reject-source-address-count
</input-reject-source-address-count>
<output-packets>
  output-packets
</output-packets>
<output-packet-pad-count>
  output-packet-pad-count
</output-packet-pad-count>
<output-packet-error-count>
  output-packet-error-count
</output-packet-error-count>
<cam-destination-filter-count>
  cam-destination-filter-count
</cam-destination-filter-count>
<cam-source-filter-count>
  cam-source-filter-count
</cam-source-filter-count>
</ethernet-filter-statistics>
</physical-interface>
</interface-information>
```

Description Ethernet filter statistics

<ethernet-filter-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
  <ethernet-filter-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-reject-count>
      input-reject-count
    </input-reject-count>
    <input-reject-destination-address-count>
      input-reject-destination-address-count
    </input-reject-destination-address-count>
    <input-reject-source-address-count>
      input-reject-source-address-count
    </input-reject-source-address-count>
    <output-packets>
      output-packets
    </output-packets>
    <output-packet-pad-count>
      output-packet-pad-count
    </output-packet-pad-count>
    <output-packet-error-count>
      output-packet-error-count
    </output-packet-error-count>
    <cam-destination-filter-count>
      cam-destination-filter-count
    </cam-destination-filter-count>
```



```

    <cam-source-filter-count>
      cam-source-filter-count
    </cam-source-filter-count>
  </ethernet-filter-statistics>
</physical-interface>
</interface-filter-information>

```

Description Ethernet filter statistics

<ethernet-filter-statistics>

Usage

```

<interface-policer-information>
<physical-interface>
  <ethernet-filter-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-reject-count>
      input-reject-count
    </input-reject-count>
    <input-reject-destination-address-count>
      input-reject-destination-address-count
    </input-reject-destination-address-count>
    <input-reject-source-address-count>
      input-reject-source-address-count
    </input-reject-source-address-count>
    <output-packets>
      output-packets
    </output-packets>
    <output-packet-pad-count>
      output-packet-pad-count
    </output-packet-pad-count>
    <output-packet-error-count>
      output-packet-error-count
    </output-packet-error-count>
    <cam-destination-filter-count>
      cam-destination-filter-count
    </cam-destination-filter-count>
    <cam-source-filter-count>
      cam-source-filter-count
    </cam-source-filter-count>
  </ethernet-filter-statistics>
</physical-interface>
</interface-policer-information>

```

Description Ethernet filter statistics

<ethernet-mac-pfc-statistics>

Usage

```

<ethernet-mac-pfc-statistics>
  <input-mac-pfc-frames>

```

```
    input-mac-pfc-frames
  </input-mac-pfc-frames>
  <mac-pfc-dot1p>
    mac-pfc-dot1p
  </mac-pfc-dot1p>
  <output-mac-pfc-frames>
    output-mac-pfc-frames
  </output-mac-pfc-frames>
</ethernet-mac-pfc-statistics>
```

Description Ethernet MAC Priority Flow control Statistics

<ethernet-mac-pfc-statistics>

Usage

```
<physical-interface>
  <ethernet-mac-pfc-statistics>
    <input-mac-pfc-frames>
      input-mac-pfc-frames
    </input-mac-pfc-frames>
    <mac-pfc-dot1p>
      mac-pfc-dot1p
    </mac-pfc-dot1p>
    <output-mac-pfc-frames>
      output-mac-pfc-frames
    </output-mac-pfc-frames>
  </ethernet-mac-pfc-statistics>
</physical-interface>
```

Description Ethernet MAC Priority Flow control Statistics

<ethernet-mac-pfc-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <ethernet-mac-pfc-statistics>
      <input-mac-pfc-frames>
        input-mac-pfc-frames
      </input-mac-pfc-frames>
      <mac-pfc-dot1p>
        mac-pfc-dot1p
      </mac-pfc-dot1p>
      <output-mac-pfc-frames>
        output-mac-pfc-frames
      </output-mac-pfc-frames>
    </ethernet-mac-pfc-statistics>
  </physical-interface>
</interface-information>
```

Description Ethernet MAC Priority Flow control Statistics

<ethernet-mac-pfc-statistics>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <ethernet-mac-pfc-statistics>
      <input-mac-pfc-frames>
        input-mac-pfc-frames
      </input-mac-pfc-frames>
      <mac-pfc-dot1p>
        mac-pfc-dot1p
      </mac-pfc-dot1p>
      <output-mac-pfc-frames>
        output-mac-pfc-frames
      </output-mac-pfc-frames>
    </ethernet-mac-pfc-statistics>
  </physical-interface>
</interface-filter-information>

```

Description Ethernet MAC Priority Flow control Statistics

<ethernet-mac-pfc-statistics>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <ethernet-mac-pfc-statistics>
      <input-mac-pfc-frames>
        input-mac-pfc-frames
      </input-mac-pfc-frames>
      <mac-pfc-dot1p>
        mac-pfc-dot1p
      </mac-pfc-dot1p>
      <output-mac-pfc-frames>
        output-mac-pfc-frames
      </output-mac-pfc-frames>
    </ethernet-mac-pfc-statistics>
  </physical-interface>
</interface-policer-information>

```

Description Ethernet MAC Priority Flow control Statistics

<ethernet-mac-statistics>**Usage**

```

<ethernet-mac-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-packets>
    input-packets
  </input-packets>

```

```
<input-unicasts>
  input-unicasts
</input-unicasts>
<input-broadcasts>
  input-broadcasts
</input-broadcasts>
<input-multicasts>
  input-multicasts
</input-multicasts>
<input-crc-errors>
  input-crc-errors
</input-crc-errors>
<input-fifo-errors>
  input-fifo-errors
</input-fifo-errors>
<input-mac-control-frames>
  input-mac-control-frames
</input-mac-control-frames>
<input-mac-pause-frames>
  input-mac-pause-frames
</input-mac-pause-frames>
<input-oversized-frames>
  input-oversized-frames
</input-oversized-frames>
<input-undersized-frames>
  input-undersized-frames
</input-undersized-frames>
<input-jabber-frames>
  input-jabber-frames
</input-jabber-frames>
<input-fragment-frames>
  input-fragment-frames
</input-fragment-frames>
<input-vlan-tagged-frames>
  input-vlan-tagged-frames
</input-vlan-tagged-frames>
<input-code-violations>
  input-code-violations
</input-code-violations>
<input-policer-frame-drops>
  input-policer-frame-drops
</input-policer-frame-drops>
<input-policer-byte-drops>
  input-policer-byte-drops
</input-policer-byte-drops>
<output-bytes>
  output-bytes
</output-bytes>
<output-packets>
  output-packets
</output-packets>
<output-unicasts>
  output-unicasts
</output-unicasts>
<output-broadcasts>
  output-broadcasts
```

```

</output-broadcasts>
<output-multicasts>
  output-multicasts
</output-multicasts>
<output-crc-errors>
  output-crc-errors
</output-crc-errors>
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<output-mac-control-frames>
  output-mac-control-frames
</output-mac-control-frames>
<output-mac-pause-frames>
  output-mac-pause-frames
</output-mac-pause-frames>
</ethernet-mac-statistics>

```

Description Ethernet MAC statistics

<ethernet-mac-statistics>

Usage

```

<jswitch-port-information>
  <jswitch-port>
    <ethernet-mac-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <input-unicasts>
        input-unicasts
      </input-unicasts>
      <input-broadcasts>
        input-broadcasts
      </input-broadcasts>
      <input-multicasts>
        input-multicasts
      </input-multicasts>
      <input-crc-errors>
        input-crc-errors
      </input-crc-errors>
      <input-fifo-errors>
        input-fifo-errors
      </input-fifo-errors>
      <input-mac-control-frames>
        input-mac-control-frames
      </input-mac-control-frames>
      <input-mac-pause-frames>
        input-mac-pause-frames
      </input-mac-pause-frames>
      <input-oversized-frames>

```

```
    input-oversized-frames
  </input-oversized-frames>
  <input-undersized-frames>
    input-undersized-frames
  </input-undersized-frames>
  <input-jabber-frames>
    input-jabber-frames
  </input-jabber-frames>
  <input-fragment-frames>
    input-fragment-frames
  </input-fragment-frames>
  <input-vlan-tagged-frames>
    input-vlan-tagged-frames
  </input-vlan-tagged-frames>
  <input-code-violations>
    input-code-violations
  </input-code-violations>
  <input-policer-frame-drops>
    input-policer-frame-drops
  </input-policer-frame-drops>
  <input-policer-byte-drops>
    input-policer-byte-drops
  </input-policer-byte-drops>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-packets>
    output-packets
  </output-packets>
  <output-unicasts>
    output-unicasts
  </output-unicasts>
  <output-broadcasts>
    output-broadcasts
  </output-broadcasts>
  <output-multicasts>
    output-multicasts
  </output-multicasts>
  <output-crc-errors>
    output-crc-errors
  </output-crc-errors>
  <output-fifo-errors>
    output-fifo-errors
  </output-fifo-errors>
  <output-mac-control-frames>
    output-mac-control-frames
  </output-mac-control-frames>
  <output-mac-pause-frames>
    output-mac-pause-frames
  </output-mac-pause-frames>
</ethernet-mac-statistics>
</jswitch-port>
</jswitch-port-information>
```

Description Ethernet MAC statistics

<ethernet-mac-statistics>

Usage

```
<physical-interface>
  <ethernet-mac-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <input-unicasts>
      input-unicasts
    </input-unicasts>
    <input-broadcasts>
      input-broadcasts
    </input-broadcasts>
    <input-multicasts>
      input-multicasts
    </input-multicasts>
    <input-crc-errors>
      input-crc-errors
    </input-crc-errors>
    <input-fifo-errors>
      input-fifo-errors
    </input-fifo-errors>
    <input-mac-control-frames>
      input-mac-control-frames
    </input-mac-control-frames>
    <input-mac-pause-frames>
      input-mac-pause-frames
    </input-mac-pause-frames>
    <input-oversized-frames>
      input-oversized-frames
    </input-oversized-frames>
    <input-undersized-frames>
      input-undersized-frames
    </input-undersized-frames>
    <input-jabber-frames>
      input-jabber-frames
    </input-jabber-frames>
    <input-fragment-frames>
      input-fragment-frames
    </input-fragment-frames>
    <input-vlan-tagged-frames>
      input-vlan-tagged-frames
    </input-vlan-tagged-frames>
    <input-code-violations>
      input-code-violations
    </input-code-violations>
    <input-policer-frame-drops>
      input-policer-frame-drops
    </input-policer-frame-drops>
```

```
<input-policer-byte-drops>
  input-policer-byte-drops
</input-policer-byte-drops>
<output-bytes>
  output-bytes
</output-bytes>
<output-packets>
  output-packets
</output-packets>
<output-unicasts>
  output-unicasts
</output-unicasts>
<output-broadcasts>
  output-broadcasts
</output-broadcasts>
<output-multicasts>
  output-multicasts
</output-multicasts>
<output-crc-errors>
  output-crc-errors
</output-crc-errors>
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<output-mac-control-frames>
  output-mac-control-frames
</output-mac-control-frames>
<output-mac-pause-frames>
  output-mac-pause-frames
</output-mac-pause-frames>
</ethernet-mac-statistics>
</physical-interface>
```

Description Ethernet MAC statistics

<ethernet-mac-statistics>

Usage

```
<interface-information>
<physical-interface>
  <ethernet-mac-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <input-unicasts>
      input-unicasts
    </input-unicasts>
    <input-broadcasts>
      input-broadcasts
    </input-broadcasts>
    <input-multicasts>
```



```
    input-multicasts
  </input-multicasts>
  <input-crc-errors>
    input-crc-errors
  </input-crc-errors>
  <input-fifo-errors>
    input-fifo-errors
  </input-fifo-errors>
  <input-mac-control-frames>
    input-mac-control-frames
  </input-mac-control-frames>
  <input-mac-pause-frames>
    input-mac-pause-frames
  </input-mac-pause-frames>
  <input-oversized-frames>
    input-oversized-frames
  </input-oversized-frames>
  <input-undersized-frames>
    input-undersized-frames
  </input-undersized-frames>
  <input-jabber-frames>
    input-jabber-frames
  </input-jabber-frames>
  <input-fragment-frames>
    input-fragment-frames
  </input-fragment-frames>
  <input-vlan-tagged-frames>
    input-vlan-tagged-frames
  </input-vlan-tagged-frames>
  <input-code-violations>
    input-code-violations
  </input-code-violations>
  <input-policer-frame-drops>
    input-policer-frame-drops
  </input-policer-frame-drops>
  <input-policer-byte-drops>
    input-policer-byte-drops
  </input-policer-byte-drops>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-packets>
    output-packets
  </output-packets>
  <output-unicasts>
    output-unicasts
  </output-unicasts>
  <output-broadcasts>
    output-broadcasts
  </output-broadcasts>
  <output-multicasts>
    output-multicasts
  </output-multicasts>
  <output-crc-errors>
    output-crc-errors
  </output-crc-errors>
```

```
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<output-mac-control-frames>
  output-mac-control-frames
</output-mac-control-frames>
<output-mac-pause-frames>
  output-mac-pause-frames
</output-mac-pause-frames>
</ethernet-mac-statistics>
</physical-interface>
</interface-information>
```

Description Ethernet MAC statistics

<ethernet-mac-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
  <ethernet-mac-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <input-unicasts>
      input-unicasts
    </input-unicasts>
    <input-broadcasts>
      input-broadcasts
    </input-broadcasts>
    <input-multicasts>
      input-multicasts
    </input-multicasts>
    <input-crc-errors>
      input-crc-errors
    </input-crc-errors>
    <input-fifo-errors>
      input-fifo-errors
    </input-fifo-errors>
    <input-mac-control-frames>
      input-mac-control-frames
    </input-mac-control-frames>
    <input-mac-pause-frames>
      input-mac-pause-frames
    </input-mac-pause-frames>
    <input-oversized-frames>
      input-oversized-frames
    </input-oversized-frames>
    <input-undersized-frames>
      input-undersized-frames
    </input-undersized-frames>
```

```
<input-jabber-frames>
  input-jabber-frames
</input-jabber-frames>
<input-fragment-frames>
  input-fragment-frames
</input-fragment-frames>
<input-vlan-tagged-frames>
  input-vlan-tagged-frames
</input-vlan-tagged-frames>
<input-code-violations>
  input-code-violations
</input-code-violations>
<input-policer-frame-drops>
  input-policer-frame-drops
</input-policer-frame-drops>
<input-policer-byte-drops>
  input-policer-byte-drops
</input-policer-byte-drops>
<output-bytes>
  output-bytes
</output-bytes>
<output-packets>
  output-packets
</output-packets>
<output-unicasts>
  output-unicasts
</output-unicasts>
<output-broadcasts>
  output-broadcasts
</output-broadcasts>
<output-multicasts>
  output-multicasts
</output-multicasts>
<output-crc-errors>
  output-crc-errors
</output-crc-errors>
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<output-mac-control-frames>
  output-mac-control-frames
</output-mac-control-frames>
<output-mac-pause-frames>
  output-mac-pause-frames
</output-mac-pause-frames>
</ethernet-mac-statistics>
</physical-interface>
</interface-filter-information>
```

Description Ethernet MAC statistics

<ethernet-mac-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ethernet-mac-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <input-unicasts>
        input-unicasts
      </input-unicasts>
      <input-broadcasts>
        input-broadcasts
      </input-broadcasts>
      <input-multicasts>
        input-multicasts
      </input-multicasts>
      <input-crc-errors>
        input-crc-errors
      </input-crc-errors>
      <input-fifo-errors>
        input-fifo-errors
      </input-fifo-errors>
      <input-mac-control-frames>
        input-mac-control-frames
      </input-mac-control-frames>
      <input-mac-pause-frames>
        input-mac-pause-frames
      </input-mac-pause-frames>
      <input-oversized-frames>
        input-oversized-frames
      </input-oversized-frames>
      <input-undersized-frames>
        input-undersized-frames
      </input-undersized-frames>
      <input-jabber-frames>
        input-jabber-frames
      </input-jabber-frames>
      <input-fragment-frames>
        input-fragment-frames
      </input-fragment-frames>
      <input-vlan-tagged-frames>
        input-vlan-tagged-frames
      </input-vlan-tagged-frames>
      <input-code-violations>
        input-code-violations
      </input-code-violations>
      <input-policer-frame-drops>
        input-policer-frame-drops
      </input-policer-frame-drops>
      <input-policer-byte-drops>
```

```

    input-policer-byte-drops
  </input-policer-byte-drops>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-packets>
    output-packets
  </output-packets>
  <output-unicasts>
    output-unicasts
  </output-unicasts>
  <output-broadcasts>
    output-broadcasts
  </output-broadcasts>
  <output-multicasts>
    output-multicasts
  </output-multicasts>
  <output-crc-errors>
    output-crc-errors
  </output-crc-errors>
  <output-fifo-errors>
    output-fifo-errors
  </output-fifo-errors>
  <output-mac-control-frames>
    output-mac-control-frames
  </output-mac-control-frames>
  <output-mac-pause-frames>
    output-mac-pause-frames
  </output-mac-pause-frames>
</ethernet-mac-statistics>
</physical-interface>
</interface-policer-information>

```

Description Ethernet MAC statistics

<ethernet-pcs-statistics>

Usage

```

<ethernet-pcs-statistics>
  <bit-error-seconds>
    bit-error-seconds
  </bit-error-seconds>
  <errored-blocks-seconds>
    errored-blocks-seconds
  </errored-blocks-seconds>
</ethernet-pcs-statistics>

```

Description Ethernet PCS statistics

<ethernet-pcs-statistics>

Usage

```

<physical-interface>

```

```
<ethernet-pcs-statistics>
  <bit-error-seconds>
    bit-error-seconds
  </bit-error-seconds>
  <errored-blocks-seconds>
    errored-blocks-seconds
  </errored-blocks-seconds>
</ethernet-pcs-statistics>
</physical-interface>
```

Description Ethernet PCS statistics

<ethernet-pcs-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <ethernet-pcs-statistics>
      <bit-error-seconds>
        bit-error-seconds
      </bit-error-seconds>
      <errored-blocks-seconds>
        errored-blocks-seconds
      </errored-blocks-seconds>
    </ethernet-pcs-statistics>
  </physical-interface>
</interface-information>
```

Description Ethernet PCS statistics

<ethernet-pcs-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ethernet-pcs-statistics>
      <bit-error-seconds>
        bit-error-seconds
      </bit-error-seconds>
      <errored-blocks-seconds>
        errored-blocks-seconds
      </errored-blocks-seconds>
    </ethernet-pcs-statistics>
  </physical-interface>
</interface-filter-information>
```

Description Ethernet PCS statistics

<ethernet-pcs-statistics>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <ethernet-pcs-statistics>
      <bit-error-seconds>
        bit-error-seconds
      </bit-error-seconds>
      <errored-blocks-seconds>
        errored-blocks-seconds
      </errored-blocks-seconds>
    </ethernet-pcs-statistics>
  </physical-interface>
</interface-policer-information>

```

Description Ethernet PCS statistics

<fibrechannal-mac-statistics>**Usage**

```

<fibrechannal-mac-statistics>
  <fibrechannal-mac-statistics-generic>....</fibrechannal-mac-statistics-generic>
  <fibrechannal-mac-statistics-received>....</fibrechannal-mac-statistics-received>

  <fibrechannal-mac-statistics-transmitted>....</fibrechannal-mac-statistics-transmitted>

</fibrechannal-mac-statistics>

```

Description Fibre Channel MAC statistics

<fibrechannal-mac-statistics>**Usage**

```

<physical-interface>
  <fibrechannal-mac-statistics>
    <fibrechannal-mac-statistics-generic>....</fibrechannal-mac-statistics-generic>

    <fibrechannal-mac-statistics-received>....</fibrechannal-mac-statistics-received>

    <fibrechannal-mac-statistics-transmitted>....</fibrechannal-mac-statistics-transmitted>

  </fibrechannal-mac-statistics>
</physical-interface>

```

Description Fibre Channel MAC statistics

<fibrenchannel-mac-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-generic>....</fibrenchannel-mac-statistics-generic>

      <fibrenchannel-mac-statistics-received>....</fibrenchannel-mac-statistics-received>

      <fibrenchannel-mac-statistics-transmitted>....</fibrenchannel-mac-statistics-transmitted>

    </fibrenchannel-mac-statistics>
  </physical-interface>
</interface-information>
```

Description Fibre Channel MAC statistics

<fibrenchannel-mac-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-generic>....</fibrenchannel-mac-statistics-generic>

      <fibrenchannel-mac-statistics-received>....</fibrenchannel-mac-statistics-received>

      <fibrenchannel-mac-statistics-transmitted>....</fibrenchannel-mac-statistics-transmitted>

    </fibrenchannel-mac-statistics>
  </physical-interface>
</interface-filter-information>
```

Description Fibre Channel MAC statistics

<fibrenchannel-mac-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-generic>....</fibrenchannel-mac-statistics-generic>

      <fibrenchannel-mac-statistics-received>....</fibrenchannel-mac-statistics-received>

      <fibrenchannel-mac-statistics-transmitted>....</fibrenchannel-mac-statistics-transmitted>

    </fibrenchannel-mac-statistics>
```



```

    </physical-interface>
  </interface-policer-information>

```

Description Fibre Channel MAC statistics

<fibrenchannel-mac-statistics-generic>

Usage

```

<fibrenchannel-mac-statistics-generic>
  <link-failures>
    link-failures
  </link-failures>
  <loss-of-sync>
    loss-of-sync
  </loss-of-sync>
  <loss-of-signal>
    loss-of-signal
  </loss-of-signal>
  <sw-link-resets>
    sw-link-resets
  </sw-link-resets>
  <buffer-to-buffer-credit-recovery-lost-frames>
    buffer-to-buffer-credit-recovery-lost-frames
  </buffer-to-buffer-credit-recovery-lost-frames>
  <buffer-to-buffer-credit-recovery-lost-rrdys>
    buffer-to-buffer-credit-recovery-lost-rrdys
  </buffer-to-buffer-credit-recovery-lost-rrdys>
</fibrenchannel-mac-statistics-generic>

```

Description

<fibrenchannel-mac-statistics-generic>

Usage

```

<fibrenchannel-mac-statistics>
  <fibrenchannel-mac-statistics-generic>
    <link-failures>
      link-failures
    </link-failures>
    <loss-of-sync>
      loss-of-sync
    </loss-of-sync>
    <loss-of-signal>
      loss-of-signal
    </loss-of-signal>
    <sw-link-resets>
      sw-link-resets
    </sw-link-resets>
    <buffer-to-buffer-credit-recovery-lost-frames>
      buffer-to-buffer-credit-recovery-lost-frames
    </buffer-to-buffer-credit-recovery-lost-frames>
    <buffer-to-buffer-credit-recovery-lost-rrdys>
      buffer-to-buffer-credit-recovery-lost-rrdys
    </buffer-to-buffer-credit-recovery-lost-rrdys>
  </fibrenchannel-mac-statistics-generic>

```

```
</fibrechannel-mac-statistics-generic>
</fibrechannel-mac-statistics>
```

Description

<fibrechannel-mac-statistics-generic>

Usage

```
<physical-interface>
  <fibrechannel-mac-statistics>
    <fibrechannel-mac-statistics-generic>
      <link-failures>
        link-failures
      </link-failures>
      <loss-of-sync>
        loss-of-sync
      </loss-of-sync>
      <loss-of-signal>
        loss-of-signal
      </loss-of-signal>
      <sw-link-resets>
        sw-link-resets
      </sw-link-resets>
      <buffer-to-buffer-credit-recovery-lost-frames>
        buffer-to-buffer-credit-recovery-lost-frames
      </buffer-to-buffer-credit-recovery-lost-frames>
      <buffer-to-buffer-credit-recovery-lost-rrdys>
        buffer-to-buffer-credit-recovery-lost-rrdys
      </buffer-to-buffer-credit-recovery-lost-rrdys>
    </fibrechannel-mac-statistics-generic>
  </fibrechannel-mac-statistics>
</physical-interface>
```

Description

<fibrechannel-mac-statistics-generic>

Usage

```
<interface-information>
  <physical-interface>
    <fibrechannel-mac-statistics>
      <fibrechannel-mac-statistics-generic>
        <link-failures>
          link-failures
        </link-failures>
        <loss-of-sync>
          loss-of-sync
        </loss-of-sync>
        <loss-of-signal>
          loss-of-signal
        </loss-of-signal>
        <sw-link-resets>
          sw-link-resets
        </sw-link-resets>
      </fibrechannel-mac-statistics-generic>
    </fibrechannel-mac-statistics>
  </physical-interface>
</interface-information>
```

```

    <buffer-to-buffer-credit-recovery-lost-frames>
      buffer-to-buffer-credit-recovery-lost-frames
    </buffer-to-buffer-credit-recovery-lost-frames>
    <buffer-to-buffer-credit-recovery-lost-rrdys>
      buffer-to-buffer-credit-recovery-lost-rrdys
    </buffer-to-buffer-credit-recovery-lost-rrdys>
  </fibrenchannel-mac-statistics-generic>
</fibrenchannel-mac-statistics>
</physical-interface>
</interface-information>

```

Description

<fibrenchannel-mac-statistics-generic>

Usage

```

<interface-filter-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-generic>
        <link-failures>
          link-failures
        </link-failures>
        <loss-of-sync>
          loss-of-sync
        </loss-of-sync>
        <loss-of-signal>
          loss-of-signal
        </loss-of-signal>
        <sw-link-resets>
          sw-link-resets
        </sw-link-resets>
        <buffer-to-buffer-credit-recovery-lost-frames>
          buffer-to-buffer-credit-recovery-lost-frames
        </buffer-to-buffer-credit-recovery-lost-frames>
        <buffer-to-buffer-credit-recovery-lost-rrdys>
          buffer-to-buffer-credit-recovery-lost-rrdys
        </buffer-to-buffer-credit-recovery-lost-rrdys>
      </fibrenchannel-mac-statistics-generic>
    </fibrenchannel-mac-statistics>
  </physical-interface>
</interface-filter-information>

```

Description

<fibrenchannel-mac-statistics-generic>

Usage

```

<interface-policer-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-generic>
        <link-failures>
          link-failures

```

```
</link-failures>
<loss-of-sync>
  loss-of-sync
</loss-of-sync>
<loss-of-signal>
  loss-of-signal
</loss-of-signal>
<sw-link-resets>
  sw-link-resets
</sw-link-resets>
<buffer-to-buffer-credit-recovery-lost-frames>
  buffer-to-buffer-credit-recovery-lost-frames
</buffer-to-buffer-credit-recovery-lost-frames>
<buffer-to-buffer-credit-recovery-lost-rrdys>
  buffer-to-buffer-credit-recovery-lost-rrdys
</buffer-to-buffer-credit-recovery-lost-rrdys>
</fibrechanel-mac-statistics-generic>
</fibrechanel-mac-statistics>
</physical-interface>
</interface-policer-information>
```

Description

<fibrechanel-mac-statistics-received>

Usage

```
<fibrechanel-mac-statistics-received>
  <rx-class-2-frames>
    rx-class-2-frames
  </rx-class-2-frames>
  <rx-class-3-frames>
    rx-class-3-frames
  </rx-class-3-frames>
  <rx-class-f-frames>
    rx-class-f-frames
  </rx-class-f-frames>
  <rx-class-2-octets>
    rx-class-2-octets
  </rx-class-2-octets>
  <rx-class-3-octets>
    rx-class-3-octets
  </rx-class-3-octets>
  <rx-class-f-octets>
    rx-class-f-octets
  </rx-class-f-octets>
  <class-2-discards>
    class-2-discards
  </class-2-discards>
  <class-3-discards>
    class-3-discards
  </class-3-discards>
  <class-f-discards>
    class-f-discards
  </class-f-discards>
  <rx-frames-too-long>
```

```

    rx-frames-too-long
  </rx-frames-too-long>
  <rx-frames-too-short>
    rx-frames-too-short
  </rx-frames-too-short>
  <rx-missing-eof>
    rx-missing-eof
  </rx-missing-eof>
  <rx-invalid-crcs>
    rx-invalid-crcs
  </rx-invalid-crcs>
  <rx-link-resets>
    rx-link-resets
  </rx-link-resets>
  <rx-link-reset-responses>
    rx-link-reset-responses
  </rx-link-reset-responses>
  <rx-offlines>
    rx-offlines
  </rx-offlines>
  <rx-not-operationals>
    rx-not-operationals
  </rx-not-operationals>
  <rx-invalid-tx-words>
    rx-invalid-tx-words
  </rx-invalid-tx-words>
  <rx-encoding-disparity-errors>
    rx-encoding-disparity-errors
  </rx-encoding-disparity-errors>
  <rx-delimiter-errors>
    rx-delimiter-errors
  </rx-delimiter-errors>
  <rx-input-buffers-full>
    rx-input-buffers-full
  </rx-input-buffers-full>
  <rx-invalid-ordered-sets>
    rx-invalid-ordered-sets
  </rx-invalid-ordered-sets>
  <rx-prim-seq-protocol-errors>
    rx-prim-seq-protocol-errors
  </rx-prim-seq-protocol-errors>
  <rx-other-errors>
    rx-other-errors
  </rx-other-errors>
</fibrenchannel-mac-statistics-received>

```

Description

<fibrenchannel-mac-statistics-received>

Usage

```

<fibrenchannel-mac-statistics>
  <fibrenchannel-mac-statistics-received>
    <rx-class-2-frames>
      rx-class-2-frames
    
```

```
</rx-class-2-frames>
<rx-class-3-frames>
  rx-class-3-frames
</rx-class-3-frames>
<rx-class-f-frames>
  rx-class-f-frames
</rx-class-f-frames>
<rx-class-2-octets>
  rx-class-2-octets
</rx-class-2-octets>
<rx-class-3-octets>
  rx-class-3-octets
</rx-class-3-octets>
<rx-class-f-octets>
  rx-class-f-octets
</rx-class-f-octets>
<class-2-discards>
  class-2-discards
</class-2-discards>
<class-3-discards>
  class-3-discards
</class-3-discards>
<class-f-discards>
  class-f-discards
</class-f-discards>
<rx-frames-too-long>
  rx-frames-too-long
</rx-frames-too-long>
<rx-frames-too-short>
  rx-frames-too-short
</rx-frames-too-short>
<rx-missing-eof>
  rx-missing-eof
</rx-missing-eof>
<rx-invalid-crcs>
  rx-invalid-crcs
</rx-invalid-crcs>
<rx-link-resets>
  rx-link-resets
</rx-link-resets>
<rx-link-reset-responses>
  rx-link-reset-responses
</rx-link-reset-responses>
<rx-offlines>
  rx-offlines
</rx-offlines>
<rx-not-operationals>
  rx-not-operationals
</rx-not-operationals>
<rx-invalid-tx-words>
  rx-invalid-tx-words
</rx-invalid-tx-words>
<rx-encoding-disparity-errors>
  rx-encoding-disparity-errors
</rx-encoding-disparity-errors>
<rx-delimiter-errors>
```

```

    rx-delimiter-errors
  </rx-delimiter-errors>
  <rx-input-buffers-full>
    rx-input-buffers-full
  </rx-input-buffers-full>
  <rx-invalid-ordered-sets>
    rx-invalid-ordered-sets
  </rx-invalid-ordered-sets>
  <rx-prim-seq-protocol-errors>
    rx-prim-seq-protocol-errors
  </rx-prim-seq-protocol-errors>
  <rx-other-errors>
    rx-other-errors
  </rx-other-errors>
</fibrechanel-mac-statistics-received>
</fibrechanel-mac-statistics>

```

Description

<fibrechanel-mac-statistics-received>

Usage

```

<physical-interface>
  <fibrechanel-mac-statistics>
    <fibrechanel-mac-statistics-received>
      <rx-class-2-frames>
        rx-class-2-frames
      </rx-class-2-frames>
      <rx-class-3-frames>
        rx-class-3-frames
      </rx-class-3-frames>
      <rx-class-f-frames>
        rx-class-f-frames
      </rx-class-f-frames>
      <rx-class-2-octets>
        rx-class-2-octets
      </rx-class-2-octets>
      <rx-class-3-octets>
        rx-class-3-octets
      </rx-class-3-octets>
      <rx-class-f-octets>
        rx-class-f-octets
      </rx-class-f-octets>
      <class-2-discards>
        class-2-discards
      </class-2-discards>
      <class-3-discards>
        class-3-discards
      </class-3-discards>
      <class-f-discards>
        class-f-discards
      </class-f-discards>
      <rx-frames-too-long>
        rx-frames-too-long
      </rx-frames-too-long>
    </fibrechanel-mac-statistics-received>
  </fibrechanel-mac-statistics>
</physical-interface>

```

```
<rx-frames-too-short>
  rx-frames-too-short
</rx-frames-too-short>
<rx-missing-eof>
  rx-missing-eof
</rx-missing-eof>
<rx-invalid-crcs>
  rx-invalid-crcs
</rx-invalid-crcs>
<rx-link-resets>
  rx-link-resets
</rx-link-resets>
<rx-link-reset-responses>
  rx-link-reset-responses
</rx-link-reset-responses>
<rx-offlines>
  rx-offlines
</rx-offlines>
<rx-not-operationals>
  rx-not-operationals
</rx-not-operationals>
<rx-invalid-tx-words>
  rx-invalid-tx-words
</rx-invalid-tx-words>
<rx-encoding-disparity-errors>
  rx-encoding-disparity-errors
</rx-encoding-disparity-errors>
<rx-delimiter-errors>
  rx-delimiter-errors
</rx-delimiter-errors>
<rx-input-buffers-full>
  rx-input-buffers-full
</rx-input-buffers-full>
<rx-invalid-ordered-sets>
  rx-invalid-ordered-sets
</rx-invalid-ordered-sets>
<rx-prim-seq-protocol-errors>
  rx-prim-seq-protocol-errors
</rx-prim-seq-protocol-errors>
<rx-other-errors>
  rx-other-errors
</rx-other-errors>
</fibrenchannel-mac-statistics-received>
</fibrenchannel-mac-statistics>
</physical-interface>
```

Description

<fibrenchannel-mac-statistics-received>

Usage

```
<interface-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-received>
```



```
<rx-class-2-frames>
  rx-class-2-frames
</rx-class-2-frames>
<rx-class-3-frames>
  rx-class-3-frames
</rx-class-3-frames>
<rx-class-f-frames>
  rx-class-f-frames
</rx-class-f-frames>
<rx-class-2-octets>
  rx-class-2-octets
</rx-class-2-octets>
<rx-class-3-octets>
  rx-class-3-octets
</rx-class-3-octets>
<rx-class-f-octets>
  rx-class-f-octets
</rx-class-f-octets>
<class-2-discards>
  class-2-discards
</class-2-discards>
<class-3-discards>
  class-3-discards
</class-3-discards>
<class-f-discards>
  class-f-discards
</class-f-discards>
<rx-frames-too-long>
  rx-frames-too-long
</rx-frames-too-long>
<rx-frames-too-short>
  rx-frames-too-short
</rx-frames-too-short>
<rx-missing-eof>
  rx-missing-eof
</rx-missing-eof>
<rx-invalid-crcs>
  rx-invalid-crcs
</rx-invalid-crcs>
<rx-link-resets>
  rx-link-resets
</rx-link-resets>
<rx-link-reset-responses>
  rx-link-reset-responses
</rx-link-reset-responses>
<rx-offlines>
  rx-offlines
</rx-offlines>
<rx-not-operationals>
  rx-not-operationals
</rx-not-operationals>
<rx-invalid-tx-words>
  rx-invalid-tx-words
</rx-invalid-tx-words>
<rx-encoding-disparity-errors>
  rx-encoding-disparity-errors
```

```
</rx-encoding-disparity-errors>
<rx-delimiter-errors>
  rx-delimiter-errors
</rx-delimiter-errors>
<rx-input-buffers-full>
  rx-input-buffers-full
</rx-input-buffers-full>
<rx-invalid-ordered-sets>
  rx-invalid-ordered-sets
</rx-invalid-ordered-sets>
<rx-prim-seq-protocol-errors>
  rx-prim-seq-protocol-errors
</rx-prim-seq-protocol-errors>
<rx-other-errors>
  rx-other-errors
</rx-other-errors>
</fibrechannel-mac-statistics-received>
</fibrechannel-mac-statistics>
</physical-interface>
</interface-information>
```

Description

<fibrechannel-mac-statistics-received>

Usage

```
<interface-filter-information>
<physical-interface>
  <fibrechannel-mac-statistics>
    <fibrechannel-mac-statistics-received>
      <rx-class-2-frames>
        rx-class-2-frames
      </rx-class-2-frames>
      <rx-class-3-frames>
        rx-class-3-frames
      </rx-class-3-frames>
      <rx-class-f-frames>
        rx-class-f-frames
      </rx-class-f-frames>
      <rx-class-2-octets>
        rx-class-2-octets
      </rx-class-2-octets>
      <rx-class-3-octets>
        rx-class-3-octets
      </rx-class-3-octets>
      <rx-class-f-octets>
        rx-class-f-octets
      </rx-class-f-octets>
      <class-2-discards>
        class-2-discards
      </class-2-discards>
      <class-3-discards>
        class-3-discards
      </class-3-discards>
      <class-f-discards>
```

```

    class-f-discards
  </class-f-discards>
  <rx-frames-too-long>
    rx-frames-too-long
  </rx-frames-too-long>
  <rx-frames-too-short>
    rx-frames-too-short
  </rx-frames-too-short>
  <rx-missing-eof>
    rx-missing-eof
  </rx-missing-eof>
  <rx-invalid-crcs>
    rx-invalid-crcs
  </rx-invalid-crcs>
  <rx-link-resets>
    rx-link-resets
  </rx-link-resets>
  <rx-link-reset-responses>
    rx-link-reset-responses
  </rx-link-reset-responses>
  <rx-offlines>
    rx-offlines
  </rx-offlines>
  <rx-not-operationals>
    rx-not-operationals
  </rx-not-operationals>
  <rx-invalid-tx-words>
    rx-invalid-tx-words
  </rx-invalid-tx-words>
  <rx-encoding-disparity-errors>
    rx-encoding-disparity-errors
  </rx-encoding-disparity-errors>
  <rx-delimiter-errors>
    rx-delimiter-errors
  </rx-delimiter-errors>
  <rx-input-buffers-full>
    rx-input-buffers-full
  </rx-input-buffers-full>
  <rx-invalid-ordered-sets>
    rx-invalid-ordered-sets
  </rx-invalid-ordered-sets>
  <rx-prim-seq-protocol-errors>
    rx-prim-seq-protocol-errors
  </rx-prim-seq-protocol-errors>
  <rx-other-errors>
    rx-other-errors
  </rx-other-errors>
  </fibrechannel-mac-statistics-received>
</fibrechannel-mac-statistics>
</physical-interface>
</interface-filter-information>

```

Description

<fibrenchannel-mac-statistics-received>

Usage

```
<interface-policer-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-received>
        <rx-class-2-frames>
          rx-class-2-frames
        </rx-class-2-frames>
        <rx-class-3-frames>
          rx-class-3-frames
        </rx-class-3-frames>
        <rx-class-f-frames>
          rx-class-f-frames
        </rx-class-f-frames>
        <rx-class-2-octets>
          rx-class-2-octets
        </rx-class-2-octets>
        <rx-class-3-octets>
          rx-class-3-octets
        </rx-class-3-octets>
        <rx-class-f-octets>
          rx-class-f-octets
        </rx-class-f-octets>
        <class-2-discards>
          class-2-discards
        </class-2-discards>
        <class-3-discards>
          class-3-discards
        </class-3-discards>
        <class-f-discards>
          class-f-discards
        </class-f-discards>
        <rx-frames-too-long>
          rx-frames-too-long
        </rx-frames-too-long>
        <rx-frames-too-short>
          rx-frames-too-short
        </rx-frames-too-short>
        <rx-missing-eof>
          rx-missing-eof
        </rx-missing-eof>
        <rx-invalid-crcs>
          rx-invalid-crcs
        </rx-invalid-crcs>
        <rx-link-resets>
          rx-link-resets
        </rx-link-resets>
        <rx-link-reset-responses>
          rx-link-reset-responses
        </rx-link-reset-responses>
        <rx-offlines>
          rx-offlines
        </rx-offlines>
```

```

    <rx-not-operationals>
      rx-not-operationals
    </rx-not-operationals>
    <rx-invalid-tx-words>
      rx-invalid-tx-words
    </rx-invalid-tx-words>
    <rx-encoding-disparity-errors>
      rx-encoding-disparity-errors
    </rx-encoding-disparity-errors>
    <rx-delimiter-errors>
      rx-delimiter-errors
    </rx-delimiter-errors>
    <rx-input-buffers-full>
      rx-input-buffers-full
    </rx-input-buffers-full>
    <rx-invalid-ordered-sets>
      rx-invalid-ordered-sets
    </rx-invalid-ordered-sets>
    <rx-prim-seq-protocol-errors>
      rx-prim-seq-protocol-errors
    </rx-prim-seq-protocol-errors>
    <rx-other-errors>
      rx-other-errors
    </rx-other-errors>
  </fibrechannel-mac-statistics-received>
</fibrechannel-mac-statistics>
</physical-interface>
</interface-policer-information>

```

Description

<fibrechannel-mac-statistics-transmitted>

Usage

```

<fibrechannel-mac-statistics-transmitted>
  <tx-class-2-frames>
    tx-class-2-frames
  </tx-class-2-frames>
  <tx-class-3-frames>
    tx-class-3-frames
  </tx-class-3-frames>
  <tx-class-f-frames>
    tx-class-f-frames
  </tx-class-f-frames>
  <tx-class-2-octets>
    tx-class-2-octets
  </tx-class-2-octets>
  <tx-class-3-octets>
    tx-class-3-octets
  </tx-class-3-octets>
  <tx-class-f-octets>
    tx-class-f-octets
  </tx-class-f-octets>
  <tx-link-resets>
    tx-link-resets

```

```
</tx-link-resets>
<tx-link-reset-responses>
  tx-link-reset-responses
</tx-link-reset-responses>
<tx-offlines>
  tx-offlines
</tx-offlines>
<tx-not-operationals>
  tx-not-operationals
</tx-not-operationals>
<tx-bb-credit-zeroes>
  tx-bb-credit-zeroes
</tx-bb-credit-zeroes>
<tx-other-errors>
  tx-other-errors
</tx-other-errors>
</fibrenchannel-mac-statistics-transmitted>
```

Description

<fibrenchannel-mac-statistics-transmitted>

Usage

```
<fibrenchannel-mac-statistics>
<fibrenchannel-mac-statistics-transmitted>
  <tx-class-2-frames>
    tx-class-2-frames
  </tx-class-2-frames>
  <tx-class-3-frames>
    tx-class-3-frames
  </tx-class-3-frames>
  <tx-class-f-frames>
    tx-class-f-frames
  </tx-class-f-frames>
  <tx-class-2-octets>
    tx-class-2-octets
  </tx-class-2-octets>
  <tx-class-3-octets>
    tx-class-3-octets
  </tx-class-3-octets>
  <tx-class-f-octets>
    tx-class-f-octets
  </tx-class-f-octets>
  <tx-link-resets>
    tx-link-resets
  </tx-link-resets>
  <tx-link-reset-responses>
    tx-link-reset-responses
  </tx-link-reset-responses>
  <tx-offlines>
    tx-offlines
  </tx-offlines>
  <tx-not-operationals>
    tx-not-operationals
  </tx-not-operationals>
```

```

    <tx-bb-credit-zeroes>
      tx-bb-credit-zeroes
    </tx-bb-credit-zeroes>
    <tx-other-errors>
      tx-other-errors
    </tx-other-errors>
  </fibrenchannel-mac-statistics-transmitted>
</fibrenchannel-mac-statistics>

```

Description

<fibrenchannel-mac-statistics-transmitted>

Usage

```

<physical-interface>
  <fibrenchannel-mac-statistics>
    <fibrenchannel-mac-statistics-transmitted>
      <tx-class-2-frames>
        tx-class-2-frames
      </tx-class-2-frames>
      <tx-class-3-frames>
        tx-class-3-frames
      </tx-class-3-frames>
      <tx-class-f-frames>
        tx-class-f-frames
      </tx-class-f-frames>
      <tx-class-2-octets>
        tx-class-2-octets
      </tx-class-2-octets>
      <tx-class-3-octets>
        tx-class-3-octets
      </tx-class-3-octets>
      <tx-class-f-octets>
        tx-class-f-octets
      </tx-class-f-octets>
      <tx-link-resets>
        tx-link-resets
      </tx-link-resets>
      <tx-link-reset-responses>
        tx-link-reset-responses
      </tx-link-reset-responses>
      <tx-offlines>
        tx-offlines
      </tx-offlines>
      <tx-not-operationals>
        tx-not-operationals
      </tx-not-operationals>
      <tx-bb-credit-zeroes>
        tx-bb-credit-zeroes
      </tx-bb-credit-zeroes>
      <tx-other-errors>
        tx-other-errors
      </tx-other-errors>
    </fibrenchannel-mac-statistics-transmitted>
  </fibrenchannel-mac-statistics>

```

</physical-interface>

Description

<fibrenchannel-mac-statistics-transmitted>

Usage

```
<interface-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-transmitted>
        <tx-class-2-frames>
          tx-class-2-frames
        </tx-class-2-frames>
        <tx-class-3-frames>
          tx-class-3-frames
        </tx-class-3-frames>
        <tx-class-f-frames>
          tx-class-f-frames
        </tx-class-f-frames>
        <tx-class-2-octets>
          tx-class-2-octets
        </tx-class-2-octets>
        <tx-class-3-octets>
          tx-class-3-octets
        </tx-class-3-octets>
        <tx-class-f-octets>
          tx-class-f-octets
        </tx-class-f-octets>
        <tx-link-resets>
          tx-link-resets
        </tx-link-resets>
        <tx-link-reset-responses>
          tx-link-reset-responses
        </tx-link-reset-responses>
        <tx-offlines>
          tx-offlines
        </tx-offlines>
        <tx-not-operationals>
          tx-not-operationals
        </tx-not-operationals>
        <tx-bb-credit-zeroes>
          tx-bb-credit-zeroes
        </tx-bb-credit-zeroes>
        <tx-other-errors>
          tx-other-errors
        </tx-other-errors>
      </fibrenchannel-mac-statistics-transmitted>
    </fibrenchannel-mac-statistics>
  </physical-interface>
</interface-information>
```

Description

<fibrenchannel-mac-statistics-transmitted>

Usage

```

<interface-filter-information>
  <physical-interface>
    <fibrenchannel-mac-statistics>
      <fibrenchannel-mac-statistics-transmitted>
        <tx-class-2-frames>
          tx-class-2-frames
        </tx-class-2-frames>
        <tx-class-3-frames>
          tx-class-3-frames
        </tx-class-3-frames>
        <tx-class-f-frames>
          tx-class-f-frames
        </tx-class-f-frames>
        <tx-class-2-octets>
          tx-class-2-octets
        </tx-class-2-octets>
        <tx-class-3-octets>
          tx-class-3-octets
        </tx-class-3-octets>
        <tx-class-f-octets>
          tx-class-f-octets
        </tx-class-f-octets>
        <tx-link-resets>
          tx-link-resets
        </tx-link-resets>
        <tx-link-reset-responses>
          tx-link-reset-responses
        </tx-link-reset-responses>
        <tx-offlines>
          tx-offlines
        </tx-offlines>
        <tx-not-operationals>
          tx-not-operationals
        </tx-not-operationals>
        <tx-bb-credit-zeroes>
          tx-bb-credit-zeroes
        </tx-bb-credit-zeroes>
        <tx-other-errors>
          tx-other-errors
        </tx-other-errors>
      </fibrenchannel-mac-statistics-transmitted>
    </fibrenchannel-mac-statistics>
  </physical-interface>
</interface-filter-information>

```

Description

<fibrenchannel-mac-statistics-transmitted>

Usage

```

<interface-policer-information>
  <physical-interface>

```

```
<fibrenchannel-mac-statistics>
  <fibrenchannel-mac-statistics-transmitted>
    <tx-class-2-frames>
      tx-class-2-frames
    </tx-class-2-frames>
    <tx-class-3-frames>
      tx-class-3-frames
    </tx-class-3-frames>
    <tx-class-f-frames>
      tx-class-f-frames
    </tx-class-f-frames>
    <tx-class-2-octets>
      tx-class-2-octets
    </tx-class-2-octets>
    <tx-class-3-octets>
      tx-class-3-octets
    </tx-class-3-octets>
    <tx-class-f-octets>
      tx-class-f-octets
    </tx-class-f-octets>
    <tx-link-resets>
      tx-link-resets
    </tx-link-resets>
    <tx-link-reset-responses>
      tx-link-reset-responses
    </tx-link-reset-responses>
    <tx-offlines>
      tx-offlines
    </tx-offlines>
    <tx-not-operationals>
      tx-not-operationals
    </tx-not-operationals>
    <tx-bb-credit-zeroes>
      tx-bb-credit-zeroes
    </tx-bb-credit-zeroes>
    <tx-other-errors>
      tx-other-errors
    </tx-other-errors>
  </fibrenchannel-mac-statistics-transmitted>
</fibrenchannel-mac-statistics>
</physical-interface>
</interface-policer-information>
```

Description

<fibrenchannel-port-flow-control>

Usage

```
<fibrenchannel-port-flow-control>
  <fibrenchannel-port-flow-control-mode>
    fibrenchannel-port-flow-control-mode
  </fibrenchannel-port-flow-control-mode>

  <fibrenchannel-port-flow-control-credits>....</fibrenchannel-port-flow-control-credits>
```

```
</fibrenchannel-port-flow-control>
```

Description Fibre Channel interface flow control

```
<fibrenchannel-port-flow-control>
```

Usage

```
<physical-interface>
  <fibrenchannel-port-flow-control>
    <fibrenchannel-port-flow-control-mode>
      fibrenchannel-port-flow-control-mode
    </fibrenchannel-port-flow-control-mode>

  <fibrenchannel-port-flow-control-credits>....</fibrenchannel-port-flow-control-credits>
  </fibrenchannel-port-flow-control>
</physical-interface>
```

Description Fibre Channel interface flow control

```
<fibrenchannel-port-flow-control>
```

Usage

```
<interface-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-mode>
        fibrenchannel-port-flow-control-mode
      </fibrenchannel-port-flow-control-mode>

    <fibrenchannel-port-flow-control-credits>....</fibrenchannel-port-flow-control-credits>
    </fibrenchannel-port-flow-control>
  </physical-interface>
</interface-information>
```

Description Fibre Channel interface flow control

```
<fibrenchannel-port-flow-control>
```

Usage

```
<interface-filter-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-mode>
        fibrenchannel-port-flow-control-mode
      </fibrenchannel-port-flow-control-mode>

    <fibrenchannel-port-flow-control-credits>....</fibrenchannel-port-flow-control-credits>
    </fibrenchannel-port-flow-control>
  </physical-interface>
</interface-filter-information>
```

Description Fibre Channel interface flow control

<fibrenchannel-port-flow-control>

Usage

```
<interface-policer-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-mode>
        fibrenchannel-port-flow-control-mode
      </fibrenchannel-port-flow-control-mode>

    <fibrenchannel-port-flow-control-credits>....</fibrenchannel-port-flow-control-credits>
  </fibrenchannel-port-flow-control>
</physical-interface>
</interface-policer-information>
```

Description Fibre Channel interface flow control

<fibrenchannel-port-flow-control-credits>

Usage

```
<fibrenchannel-port-flow-control-credits>
  <fibrenchannel-port-flow-control-credits-subject>
    fibrenchannel-port-flow-control-credits-subject
  </fibrenchannel-port-flow-control-credits-subject>
  <fibrenchannel-port-flow-control-credits-assigned>
    fibrenchannel-port-flow-control-credits-assigned
  </fibrenchannel-port-flow-control-credits-assigned>
  <fibrenchannel-port-flow-control-credits-available>
    fibrenchannel-port-flow-control-credits-available
  </fibrenchannel-port-flow-control-credits-available>
</fibrenchannel-port-flow-control-credits>
```

Description Generic flow control credits

<fibrenchannel-port-flow-control-credits>

Usage

```
<fibrenchannel-port-flow-control>
  <fibrenchannel-port-flow-control-credits>
    <fibrenchannel-port-flow-control-credits-subject>
      fibrenchannel-port-flow-control-credits-subject
    </fibrenchannel-port-flow-control-credits-subject>
    <fibrenchannel-port-flow-control-credits-assigned>
      fibrenchannel-port-flow-control-credits-assigned
    </fibrenchannel-port-flow-control-credits-assigned>
    <fibrenchannel-port-flow-control-credits-available>
      fibrenchannel-port-flow-control-credits-available
    </fibrenchannel-port-flow-control-credits-available>
  </fibrenchannel-port-flow-control-credits>
```

</fibrenchannel-port-flow-control>

Description Generic flow control credits

<fibrenchannel-port-flow-control-credits>

Usage

```
<physical-interface>
  <fibrenchannel-port-flow-control>
    <fibrenchannel-port-flow-control-credits>
      <fibrenchannel-port-flow-control-credits-subject>
        fibrenchannel-port-flow-control-credits-subject
      </fibrenchannel-port-flow-control-credits-subject>
      <fibrenchannel-port-flow-control-credits-assigned>
        fibrenchannel-port-flow-control-credits-assigned
      </fibrenchannel-port-flow-control-credits-assigned>
      <fibrenchannel-port-flow-control-credits-available>
        fibrenchannel-port-flow-control-credits-available
      </fibrenchannel-port-flow-control-credits-available>
    </fibrenchannel-port-flow-control-credits>
  </fibrenchannel-port-flow-control>
</physical-interface>
```

Description Generic flow control credits

<fibrenchannel-port-flow-control-credits>

Usage

```
<interface-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-credits>
        <fibrenchannel-port-flow-control-credits-subject>
          fibrenchannel-port-flow-control-credits-subject
        </fibrenchannel-port-flow-control-credits-subject>
        <fibrenchannel-port-flow-control-credits-assigned>
          fibrenchannel-port-flow-control-credits-assigned
        </fibrenchannel-port-flow-control-credits-assigned>
        <fibrenchannel-port-flow-control-credits-available>
          fibrenchannel-port-flow-control-credits-available
        </fibrenchannel-port-flow-control-credits-available>
      </fibrenchannel-port-flow-control-credits>
    </fibrenchannel-port-flow-control>
  </physical-interface>
</interface-information>
```

Description Generic flow control credits

<fibrenchannel-port-flow-control-credits>

Usage

```
<interface-filter-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-credits>
        <fibrenchannel-port-flow-control-credits-subject>
          fibrenchannel-port-flow-control-credits-subject
        </fibrenchannel-port-flow-control-credits-subject>
        <fibrenchannel-port-flow-control-credits-assigned>
          fibrenchannel-port-flow-control-credits-assigned
        </fibrenchannel-port-flow-control-credits-assigned>
        <fibrenchannel-port-flow-control-credits-available>
          fibrenchannel-port-flow-control-credits-available
        </fibrenchannel-port-flow-control-credits-available>
      </fibrenchannel-port-flow-control-credits>
    </fibrenchannel-port-flow-control>
  </physical-interface>
</interface-filter-information>
```

Description Generic flow control credits

<fibrenchannel-port-flow-control-credits>

Usage

```
<interface-policer-information>
  <physical-interface>
    <fibrenchannel-port-flow-control>
      <fibrenchannel-port-flow-control-credits>
        <fibrenchannel-port-flow-control-credits-subject>
          fibrenchannel-port-flow-control-credits-subject
        </fibrenchannel-port-flow-control-credits-subject>
        <fibrenchannel-port-flow-control-credits-assigned>
          fibrenchannel-port-flow-control-credits-assigned
        </fibrenchannel-port-flow-control-credits-assigned>
        <fibrenchannel-port-flow-control-credits-available>
          fibrenchannel-port-flow-control-credits-available
        </fibrenchannel-port-flow-control-credits-available>
      </fibrenchannel-port-flow-control-credits>
    </fibrenchannel-port-flow-control>
  </physical-interface>
</interface-policer-information>
```

Description Generic flow control credits

<filter-information>

Usage

```
<filter-information>
  <filter-family>
    filter-family
```

```

</filter-family>
<filter-input>
  filter-input
</filter-input>
<filter-input-precedence>
  filter-input-precedence
</filter-input-precedence>
<filter-output>
  filter-output
</filter-output>
<filter-output-precedence>
  filter-output-precedence
</filter-output-precedence>
</filter-information>

```

Description

<filter-information>

Usage

```

<address-family>
  <filter-information>
    <filter-family>
      filter-family
    </filter-family>
    <filter-input>
      filter-input
    </filter-input>
    <filter-input-precedence>
      filter-input-precedence
    </filter-input-precedence>
    <filter-output>
      filter-output
    </filter-output>
    <filter-output-precedence>
      filter-output-precedence
    </filter-output-precedence>
  </filter-information>
</address-family>

```

Description

<filter-information>

Usage

```

<logical-interface>
  <filter-information>
    <filter-family>
      filter-family
    </filter-family>
    <filter-input>
      filter-input
    </filter-input>
    <filter-input-precedence>

```

```
    filter-input-precedence
  </filter-input-precedence>
  <filter-output>
    filter-output
  </filter-output>
  <filter-output-precedence>
    filter-output-precedence
  </filter-output-precedence>
</filter-information>
</logical-interface>
```

Description

<filter-information>

Usage

```
<logical-interface>
  <address-family>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
      </filter-input-precedence>
      <filter-output>
        filter-output
      </filter-output>
      <filter-output-precedence>
        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </address-family>
</logical-interface>
```

Description

<filter-information>

Usage

```
<physical-interface>
  <logical-interface>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
```



```

    </filter-input-precedence>
    <filter-output>
      filter-output
    </filter-output>
    <filter-output-precedence>
      filter-output-precedence
    </filter-output-precedence>
  </filter-information>
</logical-interface>
</physical-interface>

```

Description

<filter-information>

Usage

```

<physical-interface>
<logical-interface>
  <address-family>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
      </filter-input-precedence>
      <filter-output>
        filter-output
      </filter-output>
      <filter-output-precedence>
        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </address-family>
</logical-interface>
</physical-interface>

```

Description

<filter-information>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input

```

```
</filter-input>
<filter-input-precedence>
  filter-input-precedence
</filter-input-precedence>
<filter-output>
  filter-output
</filter-output>
<filter-output-precedence>
  filter-output-precedence
</filter-output-precedence>
</filter-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<filter-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <filter-information>
          <filter-family>
            filter-family
          </filter-family>
          <filter-input>
            filter-input
          </filter-input>
          <filter-input-precedence>
            filter-input-precedence
          </filter-input-precedence>
          <filter-output>
            filter-output
          </filter-output>
          <filter-output-precedence>
            filter-output-precedence
          </filter-output-precedence>
        </filter-information>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<filter-information>

Usage

```
<interface-information>
  <logical-interface>
    <filter-information>
```

```

<filter-family>
  filter-family
</filter-family>
<filter-input>
  filter-input
</filter-input>
<filter-input-precedence>
  filter-input-precedence
</filter-input-precedence>
<filter-output>
  filter-output
</filter-output>
<filter-output-precedence>
  filter-output-precedence
</filter-output-precedence>
</filter-information>
</logical-interface>
</interface-information>

```

Description

<filter-information>

Usage

```

<interface-information>
<logical-interface>
<address-family>
  <filter-information>
    <filter-family>
      filter-family
    </filter-family>
    <filter-input>
      filter-input
    </filter-input>
    <filter-input-precedence>
      filter-input-precedence
    </filter-input-precedence>
    <filter-output>
      filter-output
    </filter-output>
    <filter-output-precedence>
      filter-output-precedence
    </filter-output-precedence>
  </filter-information>
</address-family>
</logical-interface>
</interface-information>

```

Description

<filter-information>

Usage

```

<interface-filter-information>

```

```
<physical-interface>
  <logical-interface>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
      </filter-input-precedence>
      <filter-output>
        filter-output
      </filter-output>
      <filter-output-precedence>
        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<filter-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <filter-information>
          <filter-family>
            filter-family
          </filter-family>
          <filter-input>
            filter-input
          </filter-input>
          <filter-input-precedence>
            filter-input-precedence
          </filter-input-precedence>
          <filter-output>
            filter-output
          </filter-output>
          <filter-output-precedence>
            filter-output-precedence
          </filter-output-precedence>
        </filter-information>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<filter-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
      </filter-input-precedence>
      <filter-output>
        filter-output
      </filter-output>
      <filter-output-precedence>
        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </logical-interface>
</interface-filter-information>

```

Description

<filter-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <address-family>
      <filter-information>
        <filter-family>
          filter-family
        </filter-family>
        <filter-input>
          filter-input
        </filter-input>
        <filter-input-precedence>
          filter-input-precedence
        </filter-input-precedence>
        <filter-output>
          filter-output
        </filter-output>
        <filter-output-precedence>
          filter-output-precedence
        </filter-output-precedence>
      </filter-information>
    </address-family>
  </logical-interface>

```

</interface-filter-information>

Description

<filter-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <filter-information>
        <filter-family>
          filter-family
        </filter-family>
        <filter-input>
          filter-input
        </filter-input>
        <filter-input-precedence>
          filter-input-precedence
        </filter-input-precedence>
        <filter-output>
          filter-output
        </filter-output>
        <filter-output-precedence>
          filter-output-precedence
        </filter-output-precedence>
      </filter-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<filter-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <filter-information>
          <filter-family>
            filter-family
          </filter-family>
          <filter-input>
            filter-input
          </filter-input>
          <filter-input-precedence>
            filter-input-precedence
          </filter-input-precedence>
          <filter-output>
            filter-output
          </filter-output>
          <filter-output-precedence>
```

```

        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<filter-information>

Usage

```

<interface-policer-information>
  <logical-interface>
    <filter-information>
      <filter-family>
        filter-family
      </filter-family>
      <filter-input>
        filter-input
      </filter-input>
      <filter-input-precedence>
        filter-input-precedence
      </filter-input-precedence>
      <filter-output>
        filter-output
      </filter-output>
      <filter-output-precedence>
        filter-output-precedence
      </filter-output-precedence>
    </filter-information>
  </logical-interface>
</interface-policer-information>

```

Description

<filter-information>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <filter-information>
        <filter-family>
          filter-family
        </filter-family>
        <filter-input>
          filter-input
        </filter-input>
        <filter-input-precedence>
          filter-input-precedence
        </filter-input-precedence>
        <filter-output>

```

```
    filter-output
  </filter-output>
  <filter-output-precedence>
    filter-output-precedence
  </filter-output-precedence>
</filter-information>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description

<fragments>

Usage

```
<fragments>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</fragments>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <bundle-detail>
      <fragments>
        <input-frames>
          input-frames
        </input-frames>
```



```

<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>

```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```

<multilink-traffic-statistics>
<multilink-detail-statistics>
<class-detail>
  <fragments>
    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>

```

```
        output-bytes
      </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <fragments>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </fragments>
      </bundle-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <fragments>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </fragments>
      </class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>

```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps

```

```
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <fragments>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
```

```

</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```

<interface-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <fragments>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </fragments>
      </bundle-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>

```

```
</logical-interface>
</physical-interface>
</interface-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
  <multilink-detail-statistics>
    <class-detail>
      <fragments>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </fragments>
    </class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </fragments>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <fragments>
            <input-frames>
              input-frames
            </input-frames>

```

```
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
  <multilink-detail-statistics>
  <bundle-detail>
    <fragments>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
```



```

</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
    <multilink-detail-statistics>
    <class-detail>
      <fragments>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </fragments>
    </class-detail>
  </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

```
</fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<interface-filter-information>
<logical-interface>
<multilink-traffic-statistics>
<multilink-detail-statistics>
<bundle-detail>
<fragments>
<input-frames>
  input-frames
</input-frames>
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <fragments>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </fragments>
        </class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description Fragment statistics for multilink bundles and classes

<fragments>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>
            <fragments>
              <input-frames>
                input-frames
              </input-frames>
            </fragments>
          </bundle-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

```
</input-frames>
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
  <multilink-detail-statistics>
  <class-detail>
    <fragments>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
```

```

    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <fragments>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps

```

```
</output-bps>
</fragments>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description Fragment statistics for multilink bundles and classes

<fragments>

Usage

```
<interface-policer-information>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
        <fragments>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </fragments>
      </class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description Fragment statistics for multilink bundles and classes

<from-dce>**Usage**

```

<serial-information>
  <eia530-control-signal>
    <from-dce>
      <dtr>
        dtr
      </dtr>
      <rts>
        rts
      </rts>
      <cts>
        cts
      </cts>
      <dcd>
        dcd
      </dcd>
      <dsr>
        dsr
      </dsr>
      <tm>
        tm
      </tm>
    </from-dce>
  </eia530-control-signal>
</serial-information>

```

Description**<from-dce>****Usage**

```

<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <from-dce>
        <dtr>
          dtr
        </dtr>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
        <dcd>
          dcd
        </dcd>
        <dsr>
          dsr
        </dsr>
        <tm>
          tm
        </tm>
      </from-dce>
    </eia530-control-signal>
  </serial-information>
</physical-interface>

```

```
</from-dce>
</eia530-control-signal>
</serial-information>
</physical-interface>
```

Description

<from-dce>

Usage

```
<interface-information>
<physical-interface>
<serial-information>
<eia530-control-signal>
<from-dce>
<dtr>
  dtr
</dtr>
<rts>
  rts
</rts>
<cts>
  cts
</cts>
<dcd>
  dcd
</dcd>
<dsr>
  dsr
</dsr>
<tm>
  tm
</tm>
</from-dce>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-information>
```

Description

<from-dce>

Usage

```
<interface-filter-information>
<physical-interface>
<serial-information>
<eia530-control-signal>
<from-dce>
<dtr>
  dtr
</dtr>
<rts>
  rts
```



```

    </rts>
    <cts>
      cts
    </cts>
    <dcd>
      dcd
    </dcd>
    <dsr>
      dsr
    </dsr>
    <tm>
      tm
    </tm>
  </from-dce>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-filter-information>

```

Description

<from-dce>

Usage

```

<interface-policer-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <from-dce>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
          <tm>
            tm
          </tm>
        </from-dce>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-policer-information>

```

Description

<from-dte>

Usage

```
<serial-information>
  <eia530-control-signal>
    <from-dte>
      <dtr>
        dtr
      </dtr>
      <rts>
        rts
      </rts>
      <cts>
        cts
      </cts>
      <dcd>
        dcd
      </dcd>
      <dsr>
        dsr
      </dsr>
      <tm>
        tm
      </tm>
    </from-dte>
  </eia530-control-signal>
</serial-information>
```

Description

<from-dte>

Usage

```
<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <from-dte>
        <dtr>
          dtr
        </dtr>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
        <dcd>
          dcd
        </dcd>
        <dsr>
          dsr
        </dsr>
        <tm>
          tm
        </tm>
```

```

    </from-dte>
  </eia530-control-signal>
</serial-information>
</physical-interface>

```

Description

<from-dte>

Usage

```

<interface-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <from-dte>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
          <tm>
            tm
          </tm>
        </from-dte>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-information>

```

Description

<from-dte>

Usage

```

<interface-filter-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <from-dte>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts

```

```
</rts>
<cts>
  cts
</cts>
<dcd>
  dcd
</dcd>
<dsr>
  dsr
</dsr>
<tm>
  tm
</tm>
</from-dte>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-filter-information>
```

Description

<from-dte>

Usage

```
<interface-policer-information>
<physical-interface>
<serial-information>
<eia530-control-signal>
<from-dte>
  <dtr>
    dtr
  </dtr>
  <rts>
    rts
  </rts>
  <cts>
    cts
  </cts>
  <dcd>
    dcd
  </dcd>
  <dsr>
    dsr
  </dsr>
  <tm>
    tm
  </tm>
</from-dte>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-policer-information>
```

Description

<hdlc-information>

Usage

```

<hdlc-information>
  <hdlc-rx-bucket-state>
    hdlc-rx-bucket-state
  </hdlc-rx-bucket-state>
  <hdlc-rx-bit-rate>
    hdlc-rx-bit-rate
  </hdlc-rx-bit-rate>
  <hdlc-rx-threshold>
    hdlc-rx-threshold
  </hdlc-rx-threshold>
  <hdlc-tx-bit-rate>
    hdlc-tx-bit-rate
  </hdlc-tx-bit-rate>
  <hdlc-tx-bucket-state>
    hdlc-tx-bucket-state
  </hdlc-tx-bucket-state>
  <hdlc-tx-threshold>
    hdlc-tx-threshold
  </hdlc-tx-threshold>
  <hdlc-giant-threshold>
    hdlc-giant-threshold
  </hdlc-giant-threshold>
  <hdlc-runt-threshold>
    hdlc-runt-threshold
  </hdlc-runt-threshold>
</hdlc-information>

```

Description

<hdlc-information>

Usage

```

<physical-interface>
  <hdlc-information>
    <hdlc-rx-bucket-state>
      hdlc-rx-bucket-state
    </hdlc-rx-bucket-state>
    <hdlc-rx-bit-rate>
      hdlc-rx-bit-rate
    </hdlc-rx-bit-rate>
    <hdlc-rx-threshold>
      hdlc-rx-threshold
    </hdlc-rx-threshold>
    <hdlc-tx-bit-rate>
      hdlc-tx-bit-rate
    </hdlc-tx-bit-rate>
    <hdlc-tx-bucket-state>
      hdlc-tx-bucket-state
    </hdlc-tx-bucket-state>
    <hdlc-tx-threshold>
      hdlc-tx-threshold
    </hdlc-tx-threshold>
  </hdlc-information>
</physical-interface>

```

```
<hdlc-giant-threshold>
  hdlc-giant-threshold
</hdlc-giant-threshold>
<hdlc-runt-threshold>
  hdlc-runt-threshold
</hdlc-runt-threshold>
</hdlc-information>
</physical-interface>
```

Description

<hdlc-information>

Usage

```
<interface-information>
<physical-interface>
  <hdlc-information>
    <hdlc-rx-bucket-state>
      hdlc-rx-bucket-state
    </hdlc-rx-bucket-state>
    <hdlc-rx-bit-rate>
      hdlc-rx-bit-rate
    </hdlc-rx-bit-rate>
    <hdlc-rx-threshold>
      hdlc-rx-threshold
    </hdlc-rx-threshold>
    <hdlc-tx-bit-rate>
      hdlc-tx-bit-rate
    </hdlc-tx-bit-rate>
    <hdlc-tx-bucket-state>
      hdlc-tx-bucket-state
    </hdlc-tx-bucket-state>
    <hdlc-tx-threshold>
      hdlc-tx-threshold
    </hdlc-tx-threshold>
    <hdlc-giant-threshold>
      hdlc-giant-threshold
    </hdlc-giant-threshold>
    <hdlc-runt-threshold>
      hdlc-runt-threshold
    </hdlc-runt-threshold>
  </hdlc-information>
</physical-interface>
</interface-information>
```

Description

<hdlc-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <hdlc-information>
    <hdlc-rx-bucket-state>
```

```

    hdlc-rx-bucket-state
  </hdlc-rx-bucket-state>
  <hdlc-rx-bit-rate>
    hdlc-rx-bit-rate
  </hdlc-rx-bit-rate>
  <hdlc-rx-threshold>
    hdlc-rx-threshold
  </hdlc-rx-threshold>
  <hdlc-tx-bit-rate>
    hdlc-tx-bit-rate
  </hdlc-tx-bit-rate>
  <hdlc-tx-bucket-state>
    hdlc-tx-bucket-state
  </hdlc-tx-bucket-state>
  <hdlc-tx-threshold>
    hdlc-tx-threshold
  </hdlc-tx-threshold>
  <hdlc-giant-threshold>
    hdlc-giant-threshold
  </hdlc-giant-threshold>
  <hdlc-runt-threshold>
    hdlc-runt-threshold
  </hdlc-runt-threshold>
</hdlc-information>
</physical-interface>
</interface-filter-information>

```

Description

<hdlc-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <hdlc-information>
      <hdlc-rx-bucket-state>
        hdlc-rx-bucket-state
      </hdlc-rx-bucket-state>
      <hdlc-rx-bit-rate>
        hdlc-rx-bit-rate
      </hdlc-rx-bit-rate>
      <hdlc-rx-threshold>
        hdlc-rx-threshold
      </hdlc-rx-threshold>
      <hdlc-tx-bit-rate>
        hdlc-tx-bit-rate
      </hdlc-tx-bit-rate>
      <hdlc-tx-bucket-state>
        hdlc-tx-bucket-state
      </hdlc-tx-bucket-state>
      <hdlc-tx-threshold>
        hdlc-tx-threshold
      </hdlc-tx-threshold>
      <hdlc-giant-threshold>
        hdlc-giant-threshold

```

```
</hdlc-giant-threshold>
<hdlc-runt-threshold>
  hdlc-runt-threshold
</hdlc-runt-threshold>
</hdlc-information>
</physical-interface>
</interface-policer-information>
```

Description

<if-config-flags>

Usage

```
<if-config-flags>
  <iff-none>
    iff-none
  </iff-none>
  <iff-hardware-down>
    iff-hardware-down
  </iff-hardware-down>
  <iff-down>
    iff-down
  </iff-down>
  <iff-up>
    iff-up
  </iff-up>
  <iff-admin-down>
    iff-admin-down
  </iff-admin-down>
  <iff-admin-up>
    iff-admin-up
  </iff-admin-up>
  <iff-link-down>
    iff-link-down
  </iff-link-down>
  <iff-device-down>
    iff-device-down
  </iff-device-down>
  <iff-point-to-point>
    iff-point-to-point
  </iff-point-to-point>
  <iff-point-to-multipoint>
    iff-point-to-multipoint
  </iff-point-to-multipoint>
  <plp-to-clp>
    plp-to-clp
  </plp-to-clp>
  <iff-multiaccess>
    iff-multiaccess
  </iff-multiaccess>
  <iff-change>
    iff-change
  </iff-change>
  <iff-inverse-arp>
    iff-inverse-arp
```



```

</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>

```

Description

<if-config-flags>

Usage

```

<logical-interface>
  <if-config-flags>

```

```
<iff-none>
  iff-none
</iff-none>
<iff-hardware-down>
  iff-hardware-down
</iff-hardware-down>
<iff-down>
  iff-down
</iff-down>
<iff-up>
  iff-up
</iff-up>
<iff-admin-down>
  iff-admin-down
</iff-admin-down>
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
```

```

</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</logical-interface>

```

Description

<if-config-flags>

Usage

```

<physical-interface>
  <if-config-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-hardware-down>
      iff-hardware-down
    </iff-hardware-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-admin-down>
      iff-admin-down

```

```
</iff-admin-down>
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
```

```

    iff-tunnel-reassembly
  </iff-tunnel-reassembly>
  <iff-acfc>
    iff-acfc
  </iff-acfc>
  <iff-pfc>
    iff-pfc
  </iff-pfc>
  <iff-rdd>
    iff-rdd
  </iff-rdd>
  <iff-looped>
    iff-looped
  </iff-looped>
  <internal-flags>
    internal-flags
  </internal-flags>
</if-config-flags>
</physical-interface>

```

Description

<if-config-flags>

Usage

```

<physical-interface>
  <logical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
      <iff-hardware-down>
        iff-hardware-down
      </iff-hardware-down>
      <iff-down>
        iff-down
      </iff-down>
      <iff-up>
        iff-up
      </iff-up>
      <iff-admin-down>
        iff-admin-down
      </iff-admin-down>
      <iff-admin-up>
        iff-admin-up
      </iff-admin-up>
      <iff-link-down>
        iff-link-down
      </iff-link-down>
      <iff-device-down>
        iff-device-down
      </iff-device-down>
      <iff-point-to-point>
        iff-point-to-point
      </iff-point-to-point>
    </if-config-flags>
  </logical-interface>
</physical-interface>

```

```
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
```

```

</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</logical-interface>
</physical-interface>

```

Description

<if-config-flags>

Usage

```

<interface-information>
<physical-interface>
  <if-config-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-hardware-down>
      iff-hardware-down
    </iff-hardware-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-admin-down>
      iff-admin-down
    </iff-admin-down>
    <iff-admin-up>
      iff-admin-up
    </iff-admin-up>
    <iff-link-down>
      iff-link-down
    </iff-link-down>
    <iff-device-down>
      iff-device-down
    </iff-device-down>
    <iff-point-to-point>
      iff-point-to-point
    </iff-point-to-point>
    <iff-point-to-multipoint>
      iff-point-to-multipoint
    </iff-point-to-multipoint>
    <plp-to-clp>
      plp-to-clp
    </plp-to-clp>
    <iff-multiaccess>
      iff-multiaccess
    </iff-multiaccess>
    <iff-change>
      iff-change
    </iff-change>

```

```
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</physical-interface>
</interface-information>
```

Description

<if-config-flags>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <if-config-flags>
        <iff-none>
          iff-none
        </iff-none>
        <iff-hardware-down>
          iff-hardware-down
        </iff-hardware-down>
        <iff-down>
          iff-down
        </iff-down>
        <iff-up>
          iff-up
        </iff-up>
        <iff-admin-down>
          iff-admin-down
        </iff-admin-down>
        <iff-admin-up>
          iff-admin-up
        </iff-admin-up>
        <iff-link-down>
          iff-link-down
        </iff-link-down>
        <iff-device-down>
          iff-device-down
        </iff-device-down>
        <iff-point-to-point>
          iff-point-to-point
        </iff-point-to-point>
        <iff-point-to-multipoint>
          iff-point-to-multipoint
        </iff-point-to-multipoint>
        <plp-to-clp>
          plp-to-clp
        </plp-to-clp>
        <iff-multiaccess>
          iff-multiaccess
        </iff-multiaccess>
        <iff-change>
          iff-change
        </iff-change>
        <iff-inverse-arp>
          iff-inverse-arp
        </iff-inverse-arp>
        <iff-no-multicast>
          iff-no-multicast
        </iff-no-multicast>
        <iff-multicast>
          iff-multicast
        </iff-multicast>

```

```
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<if-config-flags>

Usage

```
<interface-information>
  <logical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
```

```
<iff-hardware-down>
  iff-hardware-down
</iff-hardware-down>
<iff-down>
  iff-down
</iff-down>
<iff-up>
  iff-up
</iff-up>
<iff-admin-down>
  iff-admin-down
</iff-admin-down>
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
```

```
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</logical-interface>
</interface-information>
```

Description

<if-config-flags>

Usage

```
<interface-filter-information>
<physical-interface>
  <if-config-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-hardware-down>
      iff-hardware-down
    </iff-hardware-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-admin-down>
      iff-admin-down
    </iff-admin-down>
```

```
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
```

```
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</physical-interface>
</interface-filter-information>
```

Description

<if-config-flags>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <if-config-flags>
    <iff-none>
      iff-none
    </iff-none>
    <iff-hardware-down>
      iff-hardware-down
    </iff-hardware-down>
    <iff-down>
      iff-down
    </iff-down>
    <iff-up>
      iff-up
    </iff-up>
    <iff-admin-down>
      iff-admin-down
    </iff-admin-down>
    <iff-admin-up>
      iff-admin-up
    </iff-admin-up>
    <iff-link-down>
      iff-link-down
    </iff-link-down>
    <iff-device-down>
      iff-device-down
    </iff-device-down>
    <iff-point-to-point>
      iff-point-to-point
```

```
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
```

```
    iff-looped
  </iff-looped>
  <internal-flags>
    internal-flags
  </internal-flags>
</if-config-flags>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<if-config-flags>

Usage

```
<interface-filter-information>
  <logical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
      <iff-hardware-down>
        iff-hardware-down
      </iff-hardware-down>
      <iff-down>
        iff-down
      </iff-down>
      <iff-up>
        iff-up
      </iff-up>
      <iff-admin-down>
        iff-admin-down
      </iff-admin-down>
      <iff-admin-up>
        iff-admin-up
      </iff-admin-up>
      <iff-link-down>
        iff-link-down
      </iff-link-down>
      <iff-device-down>
        iff-device-down
      </iff-device-down>
      <iff-point-to-point>
        iff-point-to-point
      </iff-point-to-point>
      <iff-point-to-multipoint>
        iff-point-to-multipoint
      </iff-point-to-multipoint>
      <plp-to-clp>
        plp-to-clp
      </plp-to-clp>
      <iff-multiaccess>
        iff-multiaccess
      </iff-multiaccess>
      <iff-change>
```



```
    iff-change
  </iff-change>
  <iff-inverse-arp>
    iff-inverse-arp
  </iff-inverse-arp>
  <iff-no-multicast>
    iff-no-multicast
  </iff-no-multicast>
  <iff-multicast>
    iff-multicast
  </iff-multicast>
  <iff-promiscuous>
    iff-promiscuous
  </iff-promiscuous>
  <iff-all-multicast>
    iff-all-multicast
  </iff-all-multicast>
  <iff-snmp-traps>
    iff-snmp-traps
  </iff-snmp-traps>
  <iff-rx-passive>
    iff-rx-passive
  </iff-rx-passive>
  <iff-tx-passive>
    iff-tx-passive
  </iff-tx-passive>
  <iff-ccc-down>
    iff-ccc-down
  </iff-ccc-down>
  <iff-clear-df>
    iff-clear-df
  </iff-clear-df>
  <iff-tunnel-reassembly>
    iff-tunnel-reassembly
  </iff-tunnel-reassembly>
  <iff-acfc>
    iff-acfc
  </iff-acfc>
  <iff-pfc>
    iff-pfc
  </iff-pfc>
  <iff-rdd>
    iff-rdd
  </iff-rdd>
  <iff-looped>
    iff-looped
  </iff-looped>
  <internal-flags>
    internal-flags
  </internal-flags>
</if-config-flags>
</logical-interface>
</interface-filter-information>
```

Description

<if-config-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
      <iff-hardware-down>
        iff-hardware-down
      </iff-hardware-down>
      <iff-down>
        iff-down
      </iff-down>
      <iff-up>
        iff-up
      </iff-up>
      <iff-admin-down>
        iff-admin-down
      </iff-admin-down>
      <iff-admin-up>
        iff-admin-up
      </iff-admin-up>
      <iff-link-down>
        iff-link-down
      </iff-link-down>
      <iff-device-down>
        iff-device-down
      </iff-device-down>
      <iff-point-to-point>
        iff-point-to-point
      </iff-point-to-point>
      <iff-point-to-multipoint>
        iff-point-to-multipoint
      </iff-point-to-multipoint>
      <plp-to-clp>
        plp-to-clp
      </plp-to-clp>
      <iff-multiaccess>
        iff-multiaccess
      </iff-multiaccess>
      <iff-change>
        iff-change
      </iff-change>
      <iff-inverse-arp>
        iff-inverse-arp
      </iff-inverse-arp>
      <iff-no-multicast>
        iff-no-multicast
      </iff-no-multicast>
      <iff-multicast>
        iff-multicast
      </iff-multicast>
```

```

<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</physical-interface>
</interface-policer-information>

```

Description

<if-config-flags>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
    </if-config-flags>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

```
<iff-hardware-down>
  iff-hardware-down
</iff-hardware-down>
<iff-down>
  iff-down
</iff-down>
<iff-up>
  iff-up
</iff-up>
<iff-admin-down>
  iff-admin-down
</iff-admin-down>
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
```

```

</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
  iff-tunnel-reassembly
</iff-tunnel-reassembly>
<iff-acfc>
  iff-acfc
</iff-acfc>
<iff-pfc>
  iff-pfc
</iff-pfc>
<iff-rdd>
  iff-rdd
</iff-rdd>
<iff-looped>
  iff-looped
</iff-looped>
<internal-flags>
  internal-flags
</internal-flags>
</if-config-flags>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<if-config-flags>

Usage

```

<interface-policer-information>
  <logical-interface>
    <if-config-flags>
      <iff-none>
        iff-none
      </iff-none>
      <iff-hardware-down>
        iff-hardware-down
      </iff-hardware-down>
      <iff-down>
        iff-down
      </iff-down>
      <iff-up>
        iff-up
      </iff-up>
      <iff-admin-down>
        iff-admin-down
    
```

```
</iff-admin-down>
<iff-admin-up>
  iff-admin-up
</iff-admin-up>
<iff-link-down>
  iff-link-down
</iff-link-down>
<iff-device-down>
  iff-device-down
</iff-device-down>
<iff-point-to-point>
  iff-point-to-point
</iff-point-to-point>
<iff-point-to-multipoint>
  iff-point-to-multipoint
</iff-point-to-multipoint>
<plp-to-clp>
  plp-to-clp
</plp-to-clp>
<iff-multiaccess>
  iff-multiaccess
</iff-multiaccess>
<iff-change>
  iff-change
</iff-change>
<iff-inverse-arp>
  iff-inverse-arp
</iff-inverse-arp>
<iff-no-multicast>
  iff-no-multicast
</iff-no-multicast>
<iff-multicast>
  iff-multicast
</iff-multicast>
<iff-promiscuous>
  iff-promiscuous
</iff-promiscuous>
<iff-all-multicast>
  iff-all-multicast
</iff-all-multicast>
<iff-snmp-traps>
  iff-snmp-traps
</iff-snmp-traps>
<iff-rx-passive>
  iff-rx-passive
</iff-rx-passive>
<iff-tx-passive>
  iff-tx-passive
</iff-tx-passive>
<iff-ccc-down>
  iff-ccc-down
</iff-ccc-down>
<iff-clear-df>
  iff-clear-df
</iff-clear-df>
<iff-tunnel-reassembly>
```

```

    iff-tunnel-reassembly
  </iff-tunnel-reassembly>
  <iff-acfc>
    iff-acfc
  </iff-acfc>
  <iff-pfc>
    iff-pfc
  </iff-pfc>
  <iff-rdd>
    iff-rdd
  </iff-rdd>
  <iff-looped>
    iff-looped
  </iff-looped>
  <internal-flags>
    internal-flags
  </internal-flags>
</if-config-flags>
</logical-interface>
</interface-policer-information>

```

Description

<if-device-flags>

Usage

```

<if-device-flags>
  <ifdf-none>
    ifdf-none
  </ifdf-none>
  <ifdf-present>
    ifdf-present
  </ifdf-present>
  <ifdf-running>
    ifdf-running
  </ifdf-running>
  <ifdf-duplex>
    ifdf-duplex
  </ifdf-duplex>
  <ifdf-down>
    ifdf-down
  </ifdf-down>
  <ifdf-no-carrier>
    ifdf-no-carrier
  </ifdf-no-carrier>
  <ifdf-error1>
    ifdf-error1
  </ifdf-error1>
  <ifdf-error2>
    ifdf-error2
  </ifdf-error2>
  <ifdf-no-multicast>
    ifdf-no-multicast
  </ifdf-no-multicast>
  <ifdf-loopback>

```

```
    ifdf-loopback
  </ifdf-loopback>
  <ifdf-quench>
    ifdf-quench
  </ifdf-quench>
  <ifdf-recv-all-multicasts>
    ifdf-recv-all-multicasts
  </ifdf-recv-all-multicasts>
  <ifdf-promiscuous>
    ifdf-promiscuous
  </ifdf-promiscuous>
  <ifdf-link-layer-down>
    ifdf-link-layer-down
  </ifdf-link-layer-down>
  <ifdf-loop-detected>
    ifdf-loop-detected
  </ifdf-loop-detected>
  <ifdf-pfe-gone>
    ifdf-pfe-gone
  </ifdf-pfe-gone>
  <generic-value>
    generic-value
  </generic-value>
</if-device-flags>
```

Description

<if-device-flags>

Usage

```
<physical-interface>
  <if-device-flags>
    <ifdf-none>
      ifdf-none
    </ifdf-none>
    <ifdf-present>
      ifdf-present
    </ifdf-present>
    <ifdf-running>
      ifdf-running
    </ifdf-running>
    <ifdf-duplex>
      ifdf-duplex
    </ifdf-duplex>
    <ifdf-down>
      ifdf-down
    </ifdf-down>
    <ifdf-no-carrier>
      ifdf-no-carrier
    </ifdf-no-carrier>
    <ifdf-error1>
      ifdf-error1
    </ifdf-error1>
    <ifdf-error2>
      ifdf-error2
```



```

</ifdf-error2>
<ifdf-no-multicast>
  ifdf-no-multicast
</ifdf-no-multicast>
<ifdf-loopback>
  ifdf-loopback
</ifdf-loopback>
<ifdf-quench>
  ifdf-quench
</ifdf-quench>
<ifdf-recv-all-multicasts>
  ifdf-recv-all-multicasts
</ifdf-recv-all-multicasts>
<ifdf-promiscuous>
  ifdf-promiscuous
</ifdf-promiscuous>
<ifdf-link-layer-down>
  ifdf-link-layer-down
</ifdf-link-layer-down>
<ifdf-loop-detected>
  ifdf-loop-detected
</ifdf-loop-detected>
<ifdf-pfe-gone>
  ifdf-pfe-gone
</ifdf-pfe-gone>
<generic-value>
  generic-value
</generic-value>
</if-device-flags>
</physical-interface>

```

Description

<if-device-flags>

Usage

```

<interface-information>
<physical-interface>
  <if-device-flags>
    <ifdf-none>
      ifdf-none
    </ifdf-none>
    <ifdf-present>
      ifdf-present
    </ifdf-present>
    <ifdf-running>
      ifdf-running
    </ifdf-running>
    <ifdf-duplex>
      ifdf-duplex
    </ifdf-duplex>
    <ifdf-down>
      ifdf-down
    </ifdf-down>
    <ifdf-no-carrier>

```

```
    ifdf-no-carrier
  </ifdf-no-carrier>
  <ifdf-error1>
    ifdf-error1
  </ifdf-error1>
  <ifdf-error2>
    ifdf-error2
  </ifdf-error2>
  <ifdf-no-multicast>
    ifdf-no-multicast
  </ifdf-no-multicast>
  <ifdf-loopback>
    ifdf-loopback
  </ifdf-loopback>
  <ifdf-quench>
    ifdf-quench
  </ifdf-quench>
  <ifdf-recv-all-multicasts>
    ifdf-recv-all-multicasts
  </ifdf-recv-all-multicasts>
  <ifdf-promiscuous>
    ifdf-promiscuous
  </ifdf-promiscuous>
  <ifdf-link-layer-down>
    ifdf-link-layer-down
  </ifdf-link-layer-down>
  <ifdf-loop-detected>
    ifdf-loop-detected
  </ifdf-loop-detected>
  <ifdf-pfe-gone>
    ifdf-pfe-gone
  </ifdf-pfe-gone>
  <generic-value>
    generic-value
  </generic-value>
</if-device-flags>
</physical-interface>
</interface-information>
```

Description

<if-device-flags>

Usage

```
<interface-filter-information>
  <physical-interface>
    <if-device-flags>
      <ifdf-none>
        ifdf-none
      </ifdf-none>
      <ifdf-present>
        ifdf-present
      </ifdf-present>
      <ifdf-running>
        ifdf-running
```

```

</ifdf-running>
<ifdf-duplex>
  ifdf-duplex
</ifdf-duplex>
<ifdf-down>
  ifdf-down
</ifdf-down>
<ifdf-no-carrier>
  ifdf-no-carrier
</ifdf-no-carrier>
<ifdf-error1>
  ifdf-error1
</ifdf-error1>
<ifdf-error2>
  ifdf-error2
</ifdf-error2>
<ifdf-no-multicast>
  ifdf-no-multicast
</ifdf-no-multicast>
<ifdf-loopback>
  ifdf-loopback
</ifdf-loopback>
<ifdf-quench>
  ifdf-quench
</ifdf-quench>
<ifdf-recv-all-multicasts>
  ifdf-recv-all-multicasts
</ifdf-recv-all-multicasts>
<ifdf-promiscuous>
  ifdf-promiscuous
</ifdf-promiscuous>
<ifdf-link-layer-down>
  ifdf-link-layer-down
</ifdf-link-layer-down>
<ifdf-loop-detected>
  ifdf-loop-detected
</ifdf-loop-detected>
<ifdf-pfe-gone>
  ifdf-pfe-gone
</ifdf-pfe-gone>
<generic-value>
  generic-value
</generic-value>
</if-device-flags>
</physical-interface>
</interface-filter-information>

```

Description

<if-device-flags>

Usage

```

<interface-policer-information>
  <physical-interface>
    <if-device-flags>

```

```
<ifdf-none>
  ifdf-none
</ifdf-none>
<ifdf-present>
  ifdf-present
</ifdf-present>
<ifdf-running>
  ifdf-running
</ifdf-running>
<ifdf-duplex>
  ifdf-duplex
</ifdf-duplex>
<ifdf-down>
  ifdf-down
</ifdf-down>
<ifdf-no-carrier>
  ifdf-no-carrier
</ifdf-no-carrier>
<ifdf-error1>
  ifdf-error1
</ifdf-error1>
<ifdf-error2>
  ifdf-error2
</ifdf-error2>
<ifdf-no-multicast>
  ifdf-no-multicast
</ifdf-no-multicast>
<ifdf-loopback>
  ifdf-loopback
</ifdf-loopback>
<ifdf-quench>
  ifdf-quench
</ifdf-quench>
<ifdf-recv-all-multicasts>
  ifdf-recv-all-multicasts
</ifdf-recv-all-multicasts>
<ifdf-promiscuous>
  ifdf-promiscuous
</ifdf-promiscuous>
<ifdf-link-layer-down>
  ifdf-link-layer-down
</ifdf-link-layer-down>
<ifdf-loop-detected>
  ifdf-loop-detected
</ifdf-loop-detected>
<ifdf-pfe-gone>
  ifdf-pfe-gone
</ifdf-pfe-gone>
<generic-value>
  generic-value
</generic-value>
</if-device-flags>
</physical-interface>
</interface-policer-information>
```

Description

<if-media-flags>

Usage

```

<if-media-flags>
  <ifmf-none>
    ifmf-none
  </ifmf-none>
  <ifmf-autoselect>
    ifmf-autoselect
  </ifmf-autoselect>
  <ifmf-scheduler>
    ifmf-scheduler
  </ifmf-scheduler>
  <ifmf-shared-scheduler>
    ifmf-shared-scheduler
  </ifmf-shared-scheduler>
  <ifmf-keepalives>
    ifmf-keepalives
  </ifmf-keepalives>
  <ifmf-no-keepalives>
    ifmf-no-keepalives
  </ifmf-no-keepalives>
  <ifmf-give-up>
    ifmf-give-up
  </ifmf-give-up>
  <ifmf-loose-lcp>
    ifmf-loose-lcp
  </ifmf-loose-lcp>
  <ifmf-loose-ncp>
    ifmf-loose-ncp
  </ifmf-loose-ncp>
  <ifmf-ppp-acfc>
    ifmf-ppp-acfc
  </ifmf-ppp-acfc>
  <ifmf-ppp-pfc>
    ifmf-ppp-pfc
  </ifmf-ppp-pfc>
  <ifmf-loose-lmi>
    ifmf-loose-lmi
  </ifmf-loose-lmi>
  <ifmf-dce>
    ifmf-dce
  </ifmf-dce>
  <ifmf-dte>
    ifmf-dte
  </ifmf-dte>
  <generic-value>
    generic-value
  </generic-value>
</if-media-flags>

```

Description

<if-media-flags>

Usage

```
<physical-interface>
  <if-media-flags>
    <ifmf-none>
      ifmf-none
    </ifmf-none>
    <ifmf-autoselect>
      ifmf-autoselect
    </ifmf-autoselect>
    <ifmf-scheduler>
      ifmf-scheduler
    </ifmf-scheduler>
    <ifmf-shared-scheduler>
      ifmf-shared-scheduler
    </ifmf-shared-scheduler>
    <ifmf-keepalives>
      ifmf-keepalives
    </ifmf-keepalives>
    <ifmf-no-keepalives>
      ifmf-no-keepalives
    </ifmf-no-keepalives>
    <ifmf-give-up>
      ifmf-give-up
    </ifmf-give-up>
    <ifmf-loose-lcp>
      ifmf-loose-lcp
    </ifmf-loose-lcp>
    <ifmf-loose-ncp>
      ifmf-loose-ncp
    </ifmf-loose-ncp>
    <ifmf-ppp-acfc>
      ifmf-ppp-acfc
    </ifmf-ppp-acfc>
    <ifmf-ppp-pfc>
      ifmf-ppp-pfc
    </ifmf-ppp-pfc>
    <ifmf-loose-lmi>
      ifmf-loose-lmi
    </ifmf-loose-lmi>
    <ifmf-dce>
      ifmf-dce
    </ifmf-dce>
    <ifmf-dte>
      ifmf-dte
    </ifmf-dte>
    <generic-value>
      generic-value
    </generic-value>
  </if-media-flags>
</physical-interface>
```

Description

<if-media-flags>

Usage

```

<interface-information>
  <physical-interface>
    <if-media-flags>
      <ifmf-none>
        ifmf-none
      </ifmf-none>
      <ifmf-autoselect>
        ifmf-autoselect
      </ifmf-autoselect>
      <ifmf-scheduler>
        ifmf-scheduler
      </ifmf-scheduler>
      <ifmf-shared-scheduler>
        ifmf-shared-scheduler
      </ifmf-shared-scheduler>
      <ifmf-keepalives>
        ifmf-keepalives
      </ifmf-keepalives>
      <ifmf-no-keepalives>
        ifmf-no-keepalives
      </ifmf-no-keepalives>
      <ifmf-give-up>
        ifmf-give-up
      </ifmf-give-up>
      <ifmf-loose-lcp>
        ifmf-loose-lcp
      </ifmf-loose-lcp>
      <ifmf-loose-ncp>
        ifmf-loose-ncp
      </ifmf-loose-ncp>
      <ifmf-ppp-acfc>
        ifmf-ppp-acfc
      </ifmf-ppp-acfc>
      <ifmf-ppp-pfc>
        ifmf-ppp-pfc
      </ifmf-ppp-pfc>
      <ifmf-loose-lmi>
        ifmf-loose-lmi
      </ifmf-loose-lmi>
      <ifmf-dce>
        ifmf-dce
      </ifmf-dce>
      <ifmf-dte>
        ifmf-dte
      </ifmf-dte>
      <generic-value>
        generic-value
      </generic-value>
    </if-media-flags>
  </physical-interface>
</interface-information>

```

Description**<if-media-flags>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <if-media-flags>
      <ifmf-none>
        ifmf-none
      </ifmf-none>
      <ifmf-autoselect>
        ifmf-autoselect
      </ifmf-autoselect>
      <ifmf-scheduler>
        ifmf-scheduler
      </ifmf-scheduler>
      <ifmf-shared-scheduler>
        ifmf-shared-scheduler
      </ifmf-shared-scheduler>
      <ifmf-keepalives>
        ifmf-keepalives
      </ifmf-keepalives>
      <ifmf-no-keepalives>
        ifmf-no-keepalives
      </ifmf-no-keepalives>
      <ifmf-give-up>
        ifmf-give-up
      </ifmf-give-up>
      <ifmf-loose-lcp>
        ifmf-loose-lcp
      </ifmf-loose-lcp>
      <ifmf-loose-ncp>
        ifmf-loose-ncp
      </ifmf-loose-ncp>
      <ifmf-ppp-acfc>
        ifmf-ppp-acfc
      </ifmf-ppp-acfc>
      <ifmf-ppp-pfc>
        ifmf-ppp-pfc
      </ifmf-ppp-pfc>
      <ifmf-loose-lmi>
        ifmf-loose-lmi
      </ifmf-loose-lmi>
      <ifmf-dce>
        ifmf-dce
      </ifmf-dce>
      <ifmf-dte>
        ifmf-dte
      </ifmf-dte>
      <generic-value>
        generic-value
      </generic-value>
    </if-media-flags>
  </physical-interface>
</interface-filter-information>
```



```
</interface-filter-information>
```

Description

<if-media-flags>

Usage

```
<interface-policer-information>
<physical-interface>
  <if-media-flags>
    <ifmf-none>
      ifmf-none
    </ifmf-none>
    <ifmf-autoselect>
      ifmf-autoselect
    </ifmf-autoselect>
    <ifmf-scheduler>
      ifmf-scheduler
    </ifmf-scheduler>
    <ifmf-shared-scheduler>
      ifmf-shared-scheduler
    </ifmf-shared-scheduler>
    <ifmf-keepalives>
      ifmf-keepalives
    </ifmf-keepalives>
    <ifmf-no-keepalives>
      ifmf-no-keepalives
    </ifmf-no-keepalives>
    <ifmf-give-up>
      ifmf-give-up
    </ifmf-give-up>
    <ifmf-loose-lcp>
      ifmf-loose-lcp
    </ifmf-loose-lcp>
    <ifmf-loose-ncp>
      ifmf-loose-ncp
    </ifmf-loose-ncp>
    <ifmf-ppp-acfc>
      ifmf-ppp-acfc
    </ifmf-ppp-acfc>
    <ifmf-ppp-pfc>
      ifmf-ppp-pfc
    </ifmf-ppp-pfc>
    <ifmf-loose-lmi>
      ifmf-loose-lmi
    </ifmf-loose-lmi>
    <ifmf-dce>
      ifmf-dce
    </ifmf-dce>
    <ifmf-dte>
      ifmf-dte
    </ifmf-dte>
    <generic-value>
      generic-value
    </generic-value>
```

```
</if-media-flags>
</physical-interface>
</interface-policer-information>
```

Description

<ifa-flags>

Usage

```
<ifa-flags>
  <ifaf-none>
    ifaf-none
  </ifaf-none>
  <ifaf-primary>
    ifaf-primary
  </ifaf-primary>
  <ifaf-preferred>
    ifaf-preferred
  </ifaf-preferred>
  <ifaf-master-only>
    ifaf-master-only
  </ifaf-master-only>
  <ifaf-down>
    ifaf-down
  </ifaf-down>
  <ifaf-kernel>
    ifaf-kernel
  </ifaf-kernel>
  <ifaf-current-default>
    ifaf-current-default
  </ifaf-current-default>
  <ifaf-current-preferred>
    ifaf-current-preferred
  </ifaf-current-preferred>
  <ifaf-current-primary>
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
```

Description

<ifa-flags>

Usage

```
<interface-address>
```

```

<ifa-flags>
  <ifaf-none>
    ifaf-none
  </ifaf-none>
  <ifaf-primary>
    ifaf-primary
  </ifaf-primary>
  <ifaf-preferred>
    ifaf-preferred
  </ifaf-preferred>
  <ifaf-master-only>
    ifaf-master-only
  </ifaf-master-only>
  <ifaf-down>
    ifaf-down
  </ifaf-down>
  <ifaf-kernel>
    ifaf-kernel
  </ifaf-kernel>
  <ifaf-current-default>
    ifaf-current-default
  </ifaf-current-default>
  <ifaf-current-preferred>
    ifaf-current-preferred
  </ifaf-current-preferred>
  <ifaf-current-primary>
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
</interface-address>

```

Description

<ifa-flags>

Usage

```

<address-family>
  <interface-address>
    <ifa-flags>
      <ifaf-none>
        ifaf-none
      </ifaf-none>
      <ifaf-primary>
        ifaf-primary
      </ifaf-primary>
      <ifaf-preferred>

```

```
    ifaf-preferred
  </ifaf-preferred>
  <ifaf-master-only>
    ifaf-master-only
  </ifaf-master-only>
  <ifaf-down>
    ifaf-down
  </ifaf-down>
  <ifaf-kernel>
    ifaf-kernel
  </ifaf-kernel>
  <ifaf-current-default>
    ifaf-current-default
  </ifaf-current-default>
  <ifaf-current-preferred>
    ifaf-current-preferred
  </ifaf-current-preferred>
  <ifaf-current-primary>
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
</interface-address>
</address-family>
```

Description

<ifa-flags>

Usage

```
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>
        <ifaf-none>
          ifaf-none
        </ifaf-none>
        <ifaf-primary>
          ifaf-primary
        </ifaf-primary>
        <ifaf-preferred>
          ifaf-preferred
        </ifaf-preferred>
        <ifaf-master-only>
          ifaf-master-only
        </ifaf-master-only>
        <ifaf-down>
```

```

    ifaf-down
  </ifaf-down>
  <ifaf-kernel>
    ifaf-kernel
  </ifaf-kernel>
  <ifaf-current-default>
    ifaf-current-default
  </ifaf-current-default>
  <ifaf-current-preferred>
    ifaf-current-preferred
  </ifaf-current-preferred>
  <ifaf-current-primary>
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>

```

Description

<ifa-flags>

Usage

```

<physical-interface>
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>
        <ifaf-none>
          ifaf-none
        </ifaf-none>
        <ifaf-primary>
          ifaf-primary
        </ifaf-primary>
        <ifaf-preferred>
          ifaf-preferred
        </ifaf-preferred>
        <ifaf-master-only>
          ifaf-master-only
        </ifaf-master-only>
        <ifaf-down>
          ifaf-down
        </ifaf-down>
        <ifaf-kernel>
          ifaf-kernel

```

```
</ifaf-kernel>
<ifaf-current-default>
  ifaf-current-default
</ifaf-current-default>
<ifaf-current-preferred>
  ifaf-current-preferred
</ifaf-current-preferred>
<ifaf-current-primary>
  ifaf-current-primary
</ifaf-current-primary>
<ifaf-duplicate>
  ifaf-duplicate
</ifaf-duplicate>
<ifaf-webauth-http>
  ifaf-webauth-http
</ifaf-webauth-http>
<generic-value>
  generic-value
</generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
```

Description

<ifa-flags>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>
        <ifaf-none>
          ifaf-none
        </ifaf-none>
        <ifaf-primary>
          ifaf-primary
        </ifaf-primary>
        <ifaf-preferred>
          ifaf-preferred
        </ifaf-preferred>
        <ifaf-master-only>
          ifaf-master-only
        </ifaf-master-only>
        <ifaf-down>
          ifaf-down
        </ifaf-down>
        <ifaf-kernel>
          ifaf-kernel
        </ifaf-kernel>
        <ifaf-current-default>
```

```

    ifaf-current-default
  </ifaf-current-default>
  <ifaf-current-preferred>
    ifaf-current-preferred
  </ifaf-current-preferred>
  <ifaf-current-primary>
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<ifa-flags>

Usage

```

<interface-information>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>
          <ifaf-none>
            ifaf-none
          </ifaf-none>
          <ifaf-primary>
            ifaf-primary
          </ifaf-primary>
          <ifaf-preferred>
            ifaf-preferred
          </ifaf-preferred>
          <ifaf-master-only>
            ifaf-master-only
          </ifaf-master-only>
          <ifaf-down>
            ifaf-down
          </ifaf-down>
          <ifaf-kernel>
            ifaf-kernel
          </ifaf-kernel>
          <ifaf-current-default>
            ifaf-current-default
          </ifaf-current-default>
        </ifa-flags>
      </interface-address>
    </address-family>
  </logical-interface>
</interface-information>

```

```
<ifaf-current-preferred>
  ifaf-current-preferred
</ifaf-current-preferred>
<ifaf-current-primary>
  ifaf-current-primary
</ifaf-current-primary>
<ifaf-duplicate>
  ifaf-duplicate
</ifaf-duplicate>
<ifaf-webauth-http>
  ifaf-webauth-http
</ifaf-webauth-http>
<generic-value>
  generic-value
</generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-information>
```

Description

<ifa-flags>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
<address-family>
<interface-address>
  <ifa-flags>
    <ifaf-none>
      ifaf-none
    </ifaf-none>
    <ifaf-primary>
      ifaf-primary
    </ifaf-primary>
    <ifaf-preferred>
      ifaf-preferred
    </ifaf-preferred>
    <ifaf-master-only>
      ifaf-master-only
    </ifaf-master-only>
    <ifaf-down>
      ifaf-down
    </ifaf-down>
    <ifaf-kernel>
      ifaf-kernel
    </ifaf-kernel>
    <ifaf-current-default>
      ifaf-current-default
    </ifaf-current-default>
    <ifaf-current-preferred>
      ifaf-current-preferred
```



```

</ifaf-current-preferred>
<ifaf-current-primary>
  ifaf-current-primary
</ifaf-current-primary>
<ifaf-duplicate>
  ifaf-duplicate
</ifaf-duplicate>
<ifaf-webauth-http>
  ifaf-webauth-http
</ifaf-webauth-http>
<generic-value>
  generic-value
</generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<ifa-flags>

Usage

```

<interface-filter-information>
<logical-interface>
<address-family>
<interface-address>
  <ifa-flags>
    <ifaf-none>
      ifaf-none
    </ifaf-none>
    <ifaf-primary>
      ifaf-primary
    </ifaf-primary>
    <ifaf-preferred>
      ifaf-preferred
    </ifaf-preferred>
    <ifaf-master-only>
      ifaf-master-only
    </ifaf-master-only>
    <ifaf-down>
      ifaf-down
    </ifaf-down>
    <ifaf-kernel>
      ifaf-kernel
    </ifaf-kernel>
    <ifaf-current-default>
      ifaf-current-default
    </ifaf-current-default>
    <ifaf-current-preferred>
      ifaf-current-preferred
    </ifaf-current-preferred>
    <ifaf-current-primary>

```

```
    ifaf-current-primary
  </ifaf-current-primary>
  <ifaf-duplicate>
    ifaf-duplicate
  </ifaf-duplicate>
  <ifaf-webauth-http>
    ifaf-webauth-http
  </ifaf-webauth-http>
  <generic-value>
    generic-value
  </generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-filter-information>
```

Description

<ifa-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>
          <ifaf-none>
            ifaf-none
          </ifaf-none>
          <ifaf-primary>
            ifaf-primary
          </ifaf-primary>
          <ifaf-preferred>
            ifaf-preferred
          </ifaf-preferred>
          <ifaf-master-only>
            ifaf-master-only
          </ifaf-master-only>
          <ifaf-down>
            ifaf-down
          </ifaf-down>
          <ifaf-kernel>
            ifaf-kernel
          </ifaf-kernel>
          <ifaf-current-default>
            ifaf-current-default
          </ifaf-current-default>
          <ifaf-current-preferred>
            ifaf-current-preferred
          </ifaf-current-preferred>
          <ifaf-current-primary>
            ifaf-current-primary
          </ifaf-current-primary>
```

```

    <ifaf-duplicate>
      ifaf-duplicate
    </ifaf-duplicate>
    <ifaf-webauth-http>
      ifaf-webauth-http
    </ifaf-webauth-http>
    <generic-value>
      generic-value
    </generic-value>
  </ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<ifa-flags>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>
          <ifaf-none>
            ifaf-none
          </ifaf-none>
          <ifaf-primary>
            ifaf-primary
          </ifaf-primary>
          <ifaf-preferred>
            ifaf-preferred
          </ifaf-preferred>
          <ifaf-master-only>
            ifaf-master-only
          </ifaf-master-only>
          <ifaf-down>
            ifaf-down
          </ifaf-down>
          <ifaf-kernel>
            ifaf-kernel
          </ifaf-kernel>
          <ifaf-current-default>
            ifaf-current-default
          </ifaf-current-default>
          <ifaf-current-preferred>
            ifaf-current-preferred
          </ifaf-current-preferred>
          <ifaf-current-primary>
            ifaf-current-primary
          </ifaf-current-primary>
          <ifaf-duplicate>
            ifaf-duplicate

```

```
</ifaf-duplicate>
<ifaf-webauth-http>
  ifaf-webauth-http
</ifaf-webauth-http>
<generic-value>
  generic-value
</generic-value>
</ifa-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description

<ifvc-flags>

Usage

```
<ifvc-flags>
<ifvc-down>
  ifvc-down
</ifvc-down>
<ifvc-none>
  ifvc-none
</ifvc-none>
<ifvc-active>
  ifvc-active
</ifvc-active>
<ifvc-closed>
  ifvc-closed
</ifvc-closed>
<ifvc-inverse-arp>
  ifvc-inverse-arp
</ifvc-inverse-arp>
<ifvc-ilmi>
  ifvc-ilmi
</ifvc-ilmi>
<ifvc-oam>
  ifvc-oam
</ifvc-oam>
<ifvc-shaping>
  ifvc-shaping
</ifvc-shaping>
<ifvc-passiveoam>
  ifvc-passiveoam
</ifvc-passiveoam>
<ifvc-multicast>
  ifvc-multicast
</ifvc-multicast>
<ifvc-ccc-down>
  ifvc-ccc-down
</ifvc-ccc-down>
<ifvc-configured>
  ifvc-configured
</ifvc-configured>
```

```

<ifvc-unconfigured>
  ifvc-unconfigured
</ifvc-unconfigured>
<generic-value>
  generic-value
</generic-value>
</ifvc-flags>

```

Description

<ifvc-flags>

Usage

```

<virtual-circuit-information>
  <ifvc-flags>
    <ifvc-down>
      ifvc-down
    </ifvc-down>
    <ifvc-none>
      ifvc-none
    </ifvc-none>
    <ifvc-active>
      ifvc-active
    </ifvc-active>
    <ifvc-closed>
      ifvc-closed
    </ifvc-closed>
    <ifvc-inverse-arp>
      ifvc-inverse-arp
    </ifvc-inverse-arp>
    <ifvc-ilmi>
      ifvc-ilmi
    </ifvc-ilmi>
    <ifvc-oam>
      ifvc-oam
    </ifvc-oam>
    <ifvc-shaping>
      ifvc-shaping
    </ifvc-shaping>
    <ifvc-passiveoam>
      ifvc-passiveoam
    </ifvc-passiveoam>
    <ifvc-multicast>
      ifvc-multicast
    </ifvc-multicast>
    <ifvc-ccc-down>
      ifvc-ccc-down
    </ifvc-ccc-down>
    <ifvc-configured>
      ifvc-configured
    </ifvc-configured>
    <ifvc-unconfigured>
      ifvc-unconfigured
    </ifvc-unconfigured>
    <generic-value>

```

```
    generic-value
  </generic-value>
</ifvc-flags>
</virtual-circuit-information>
```

Description

<ifvc-flags>

Usage

```
<logical-interface>
<virtual-circuit-information>
  <ifvc-flags>
    <ifvc-down>
      ifvc-down
    </ifvc-down>
    <ifvc-none>
      ifvc-none
    </ifvc-none>
    <ifvc-active>
      ifvc-active
    </ifvc-active>
    <ifvc-closed>
      ifvc-closed
    </ifvc-closed>
    <ifvc-inverse-arp>
      ifvc-inverse-arp
    </ifvc-inverse-arp>
    <ifvc-ilmi>
      ifvc-ilmi
    </ifvc-ilmi>
    <ifvc-oam>
      ifvc-oam
    </ifvc-oam>
    <ifvc-shaping>
      ifvc-shaping
    </ifvc-shaping>
    <ifvc-passiveoam>
      ifvc-passiveoam
    </ifvc-passiveoam>
    <ifvc-multicast>
      ifvc-multicast
    </ifvc-multicast>
    <ifvc-ccc-down>
      ifvc-ccc-down
    </ifvc-ccc-down>
    <ifvc-configured>
      ifvc-configured
    </ifvc-configured>
    <ifvc-unconfigured>
      ifvc-unconfigured
    </ifvc-unconfigured>
  <generic-value>
    generic-value
  </generic-value>
```

```

    </ifvc-flags>
  </virtual-circuit-information>
</logical-interface>

```

Description

<ifvc-flags>

Usage

```

<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <ifvc-flags>
      <ifvc-down>
        ifvc-down
      </ifvc-down>
      <ifvc-none>
        ifvc-none
      </ifvc-none>
      <ifvc-active>
        ifvc-active
      </ifvc-active>
      <ifvc-closed>
        ifvc-closed
      </ifvc-closed>
      <ifvc-inverse-arp>
        ifvc-inverse-arp
      </ifvc-inverse-arp>
      <ifvc-ilmi>
        ifvc-ilmi
      </ifvc-ilmi>
      <ifvc-oam>
        ifvc-oam
      </ifvc-oam>
      <ifvc-shaping>
        ifvc-shaping
      </ifvc-shaping>
      <ifvc-passiveoam>
        ifvc-passiveoam
      </ifvc-passiveoam>
      <ifvc-multicast>
        ifvc-multicast
      </ifvc-multicast>
      <ifvc-ccc-down>
        ifvc-ccc-down
      </ifvc-ccc-down>
      <ifvc-configured>
        ifvc-configured
      </ifvc-configured>
      <ifvc-unconfigured>
        ifvc-unconfigured
      </ifvc-unconfigured>
      <generic-value>
        generic-value
      </generic-value>
    </ifvc-flags>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>

```

```
</ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<ifvc-flags>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<ifvc-flags>
  <ifvc-down>
    ifvc-down
  </ifvc-down>
  <ifvc-none>
    ifvc-none
  </ifvc-none>
  <ifvc-active>
    ifvc-active
  </ifvc-active>
  <ifvc-closed>
    ifvc-closed
  </ifvc-closed>
  <ifvc-inverse-arp>
    ifvc-inverse-arp
  </ifvc-inverse-arp>
  <ifvc-llmi>
    ifvc-llmi
  </ifvc-llmi>
  <ifvc-oam>
    ifvc-oam
  </ifvc-oam>
  <ifvc-shaping>
    ifvc-shaping
  </ifvc-shaping>
  <ifvc-passiveoam>
    ifvc-passiveoam
  </ifvc-passiveoam>
  <ifvc-multicast>
    ifvc-multicast
  </ifvc-multicast>
  <ifvc-ccc-down>
    ifvc-ccc-down
  </ifvc-ccc-down>
  <ifvc-configured>
    ifvc-configured
  </ifvc-configured>
  <ifvc-unconfigured>
    ifvc-unconfigured
  </ifvc-unconfigured>
  <generic-value>
```



```

        generic-value
      </generic-value>
    </ifvc-flags>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<ifvc-flags>

Usage

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-flags>
        <ifvc-down>
          ifvc-down
        </ifvc-down>
        <ifvc-none>
          ifvc-none
        </ifvc-none>
        <ifvc-active>
          ifvc-active
        </ifvc-active>
        <ifvc-closed>
          ifvc-closed
        </ifvc-closed>
        <ifvc-inverse-arp>
          ifvc-inverse-arp
        </ifvc-inverse-arp>
        <ifvc-ilmi>
          ifvc-ilmi
        </ifvc-ilmi>
        <ifvc-oam>
          ifvc-oam
        </ifvc-oam>
        <ifvc-shaping>
          ifvc-shaping
        </ifvc-shaping>
        <ifvc-passiveoam>
          ifvc-passiveoam
        </ifvc-passiveoam>
        <ifvc-multicast>
          ifvc-multicast
        </ifvc-multicast>
        <ifvc-ccc-down>
          ifvc-ccc-down
        </ifvc-ccc-down>
        <ifvc-configured>
          ifvc-configured
        </ifvc-configured>
        <ifvc-unconfigured>
          ifvc-unconfigured

```

```
</ifvc-unconfigured>
<generic-value>
  generic-value
</generic-value>
</ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</interface-information>
```

Description

<ifvc-flags>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <ifvc-flags>
    <ifvc-down>
      ifvc-down
    </ifvc-down>
    <ifvc-none>
      ifvc-none
    </ifvc-none>
    <ifvc-active>
      ifvc-active
    </ifvc-active>
    <ifvc-closed>
      ifvc-closed
    </ifvc-closed>
    <ifvc-inverse-arp>
      ifvc-inverse-arp
    </ifvc-inverse-arp>
    <ifvc-ilm1>
      ifvc-ilm1
    </ifvc-ilm1>
    <ifvc-oam>
      ifvc-oam
    </ifvc-oam>
    <ifvc-shaping>
      ifvc-shaping
    </ifvc-shaping>
    <ifvc-passiveoam>
      ifvc-passiveoam
    </ifvc-passiveoam>
    <ifvc-multicast>
      ifvc-multicast
    </ifvc-multicast>
    <ifvc-ccc-down>
      ifvc-ccc-down
    </ifvc-ccc-down>
    <ifvc-configured>
      ifvc-configured
    </ifvc-configured>
```

```

    <ifvc-unconfigured>
      ifvc-unconfigured
    </ifvc-unconfigured>
    <generic-value>
      generic-value
    </generic-value>
  </ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<ifvc-flags>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-flags>
        <ifvc-down>
          ifvc-down
        </ifvc-down>
        <ifvc-none>
          ifvc-none
        </ifvc-none>
        <ifvc-active>
          ifvc-active
        </ifvc-active>
        <ifvc-closed>
          ifvc-closed
        </ifvc-closed>
        <ifvc-inverse-arp>
          ifvc-inverse-arp
        </ifvc-inverse-arp>
        <ifvc-ilmi>
          ifvc-ilmi
        </ifvc-ilmi>
        <ifvc-oam>
          ifvc-oam
        </ifvc-oam>
        <ifvc-shaping>
          ifvc-shaping
        </ifvc-shaping>
        <ifvc-passiveoam>
          ifvc-passiveoam
        </ifvc-passiveoam>
        <ifvc-multicast>
          ifvc-multicast
        </ifvc-multicast>
        <ifvc-ccc-down>
          ifvc-ccc-down
        </ifvc-ccc-down>
      </ifvc-flags>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>

```

```
    ifvc-configured
  </ifvc-configured>
  <ifvc-unconfigured>
    ifvc-unconfigured
  </ifvc-unconfigured>
  <generic-value>
    generic-value
  </generic-value>
</ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description

<ifvc-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-flags>
        <ifvc-down>
          ifvc-down
        </ifvc-down>
        <ifvc-none>
          ifvc-none
        </ifvc-none>
        <ifvc-active>
          ifvc-active
        </ifvc-active>
        <ifvc-closed>
          ifvc-closed
        </ifvc-closed>
        <ifvc-inverse-arp>
          ifvc-inverse-arp
        </ifvc-inverse-arp>
        <ifvc-ilmi>
          ifvc-ilmi
        </ifvc-ilmi>
        <ifvc-oam>
          ifvc-oam
        </ifvc-oam>
        <ifvc-shaping>
          ifvc-shaping
        </ifvc-shaping>
        <ifvc-passiveoam>
          ifvc-passiveoam
        </ifvc-passiveoam>
        <ifvc-multicast>
          ifvc-multicast
        </ifvc-multicast>
        <ifvc-ccc-down>
          ifvc-ccc-down
```

```

    </ifvc-ccc-down>
    <ifvc-configured>
      ifvc-configured
    </ifvc-configured>
    <ifvc-unconfigured>
      ifvc-unconfigured
    </ifvc-unconfigured>
    <generic-value>
      generic-value
    </generic-value>
  </ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<ifvc-flags>

Usage

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-flags>
        <ifvc-down>
          ifvc-down
        </ifvc-down>
        <ifvc-none>
          ifvc-none
        </ifvc-none>
        <ifvc-active>
          ifvc-active
        </ifvc-active>
        <ifvc-closed>
          ifvc-closed
        </ifvc-closed>
        <ifvc-inverse-arp>
          ifvc-inverse-arp
        </ifvc-inverse-arp>
        <ifvc-ilmi>
          ifvc-ilmi
        </ifvc-ilmi>
        <ifvc-oam>
          ifvc-oam
        </ifvc-oam>
        <ifvc-shaping>
          ifvc-shaping
        </ifvc-shaping>
        <ifvc-passiveoam>
          ifvc-passiveoam
        </ifvc-passiveoam>
        <ifvc-multicast>
          ifvc-multicast
        </ifvc-multicast>
      </ifvc-flags>
    </virtual-circuit-information>
  </logical-interface>
</interface-policer-information>

```

```
<ifvc-ccc-down>
  ifvc-ccc-down
</ifvc-ccc-down>
<ifvc-configured>
  ifvc-configured
</ifvc-configured>
<ifvc-unconfigured>
  ifvc-unconfigured
</ifvc-unconfigured>
<generic-value>
  generic-value
</generic-value>
</ifvc-flags>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<ifvc-multipoint-destination>

Usage

```
<virtual-circuit-information>
  <ifvc-multipoint-destination>
    <multipoint-address>
      multipoint-address
    </multipoint-address>
  </ifvc-multipoint-destination>
</virtual-circuit-information>
```

Description

<ifvc-multipoint-destination>

Usage

```
<logical-interface>
  <virtual-circuit-information>
    <ifvc-multipoint-destination>
      <multipoint-address>
        multipoint-address
      </multipoint-address>
    </ifvc-multipoint-destination>
  </virtual-circuit-information>
</logical-interface>
```

Description

<ifvc-multipoint-destination>

Usage

```
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-multipoint-destination>
```

```

    <multipoint-address>
      multipoint-address
    </multipoint-address>
  </ifvc-multipoint-destination>
</virtual-circuit-information>
</logical-interface>
</physical-interface>

```

Description

<ifvc-multipoint-destination>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <ifvc-multipoint-destination>
          <multipoint-address>
            multipoint-address
          </multipoint-address>
        </ifvc-multipoint-destination>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description

<ifvc-multipoint-destination>

Usage

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <ifvc-multipoint-destination>
        <multipoint-address>
          multipoint-address
        </multipoint-address>
      </ifvc-multipoint-destination>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description

<ifvc-multipoint-destination>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <ifvc-multipoint-destination>

```

```
<multipoint-address>  
  multipoint-address  
</multipoint-address>  
</ifvc-multipoint-destination>  
</virtual-circuit-information>  
</logical-interface>  
</physical-interface>  
</interface-filter-information>
```

Description

<ifvc-multipoint-destination>

Usage

```
<interface-filter-information>  
  <logical-interface>  
    <virtual-circuit-information>  
      <ifvc-multipoint-destination>  
        <multipoint-address>  
          multipoint-address  
        </multipoint-address>  
      </ifvc-multipoint-destination>  
    </virtual-circuit-information>  
  </logical-interface>  
</interface-filter-information>
```

Description

<ifvc-multipoint-destination>

Usage

```
<interface-policer-information>  
  <physical-interface>  
    <logical-interface>  
      <virtual-circuit-information>  
        <ifvc-multipoint-destination>  
          <multipoint-address>  
            multipoint-address  
          </multipoint-address>  
        </ifvc-multipoint-destination>  
      </virtual-circuit-information>  
    </logical-interface>  
  </physical-interface>  
</interface-policer-information>
```

Description

<ifvc-multipoint-destination>

Usage

```
<interface-policer-information>  
  <logical-interface>  
    <virtual-circuit-information>  
      <ifvc-multipoint-destination>
```



```

    <multipoint-address>
      multipoint-address
    </multipoint-address>
  </ifvc-multipoint-destination>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description

<ifvp-flags>

Usage

```

<ifvp-flags>
  <ifvp-down>
    ifvp-down
  </ifvp-down>
  <ifvp-none>
    ifvp-none
  </ifvp-none>
  <ifvp-active>
    ifvp-active
  </ifvp-active>
  <ifvp-closed>
    ifvp-closed
  </ifvp-closed>
  <ifvp-oam>
    ifvp-oam
  </ifvp-oam>
  <ifvp-shaping>
    ifvp-shaping
  </ifvp-shaping>
  <ifvp-passiveoam>
    ifvp-passiveoam
  </ifvp-passiveoam>
  <ifvp-tunnel>
    ifvp-tunnel
  </ifvp-tunnel>
  <generic-value>
    generic-value
  </generic-value>
</ifvp-flags>

```

Description

<ifvp-flags>

Usage

```

<virtual-path-information>
  <ifvp-flags>
    <ifvp-down>
      ifvp-down
    </ifvp-down>
    <ifvp-none>

```

```
    ifvp-none
  </ifvp-none>
  <ifvp-active>
    ifvp-active
  </ifvp-active>
  <ifvp-closed>
    ifvp-closed
  </ifvp-closed>
  <ifvp-oam>
    ifvp-oam
  </ifvp-oam>
  <ifvp-shaping>
    ifvp-shaping
  </ifvp-shaping>
  <ifvp-passiveoam>
    ifvp-passiveoam
  </ifvp-passiveoam>
  <ifvp-tunnel>
    ifvp-tunnel
  </ifvp-tunnel>
  <generic-value>
    generic-value
  </generic-value>
</ifvp-flags>
</virtual-path-information>
```

Description

<ifvp-flags>

Usage

```
<physical-interface>
<virtual-path-information>
  <ifvp-flags>
    <ifvp-down>
      ifvp-down
    </ifvp-down>
    <ifvp-none>
      ifvp-none
    </ifvp-none>
    <ifvp-active>
      ifvp-active
    </ifvp-active>
    <ifvp-closed>
      ifvp-closed
    </ifvp-closed>
    <ifvp-oam>
      ifvp-oam
    </ifvp-oam>
    <ifvp-shaping>
      ifvp-shaping
    </ifvp-shaping>
    <ifvp-passiveoam>
      ifvp-passiveoam
    </ifvp-passiveoam>
```

```

<ifvp-tunnel>
  ifvp-tunnel
</ifvp-tunnel>
<generic-value>
  generic-value
</generic-value>
</ifvp-flags>
</virtual-path-information>
</physical-interface>

```

Description

<ifvp-flags>

Usage

```

<interface-information>
<physical-interface>
<virtual-path-information>
  <ifvp-flags>
    <ifvp-down>
      ifvp-down
    </ifvp-down>
    <ifvp-none>
      ifvp-none
    </ifvp-none>
    <ifvp-active>
      ifvp-active
    </ifvp-active>
    <ifvp-closed>
      ifvp-closed
    </ifvp-closed>
    <ifvp-oam>
      ifvp-oam
    </ifvp-oam>
    <ifvp-shaping>
      ifvp-shaping
    </ifvp-shaping>
    <ifvp-passiveoam>
      ifvp-passiveoam
    </ifvp-passiveoam>
    <ifvp-tunnel>
      ifvp-tunnel
    </ifvp-tunnel>
    <generic-value>
      generic-value
    </generic-value>
  </ifvp-flags>
</virtual-path-information>
</physical-interface>
</interface-information>

```

Description

<ifvp-flags>

Usage

```
<interface-filter-information>
  <physical-interface>
    <virtual-path-information>
      <ifvp-flags>
        <ifvp-down>
          ifvp-down
        </ifvp-down>
        <ifvp-none>
          ifvp-none
        </ifvp-none>
        <ifvp-active>
          ifvp-active
        </ifvp-active>
        <ifvp-closed>
          ifvp-closed
        </ifvp-closed>
        <ifvp-oam>
          ifvp-oam
        </ifvp-oam>
        <ifvp-shaping>
          ifvp-shaping
        </ifvp-shaping>
        <ifvp-passiveoam>
          ifvp-passiveoam
        </ifvp-passiveoam>
        <ifvp-tunnel>
          ifvp-tunnel
        </ifvp-tunnel>
        <generic-value>
          generic-value
        </generic-value>
      </ifvp-flags>
    </virtual-path-information>
  </physical-interface>
</interface-filter-information>
```

Description

<ifvp-flags>

Usage

```
<interface-policer-information>
  <physical-interface>
    <virtual-path-information>
      <ifvp-flags>
        <ifvp-down>
          ifvp-down
        </ifvp-down>
        <ifvp-none>
          ifvp-none
        </ifvp-none>
        <ifvp-active>
```

```

    ifvp-active
  </ifvp-active>
  <ifvp-closed>
    ifvp-closed
  </ifvp-closed>
  <ifvp-oam>
    ifvp-oam
  </ifvp-oam>
  <ifvp-shaping>
    ifvp-shaping
  </ifvp-shaping>
  <ifvp-passiveoam>
    ifvp-passiveoam
  </ifvp-passiveoam>
  <ifvp-tunnel>
    ifvp-tunnel
  </ifvp-tunnel>
  <generic-value>
    generic-value
  </generic-value>
</ifvp-flags>
</virtual-path-information>
</physical-interface>
</interface-policer-information>

```

Description**<ima-group-information>****Usage**

```

<ima-group-information>
  <media-alarm>....</media-alarm>
</ima-group-information>

```

Description IMA group alarms**<ima-group-information>****Usage**

```

<physical-interface>
  <ima-group-information>
    <media-alarm>....</media-alarm>
  </ima-group-information>
</physical-interface>

```

Description IMA group alarms**<ima-group-information>****Usage**

```

<interface-information>
  <physical-interface>

```

```
<ima-group-information>
  <media-alarm>....</media-alarm>
</ima-group-information>
</physical-interface>
</interface-information>
```

Description IMA group alarms

<ima-group-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ima-group-information>
      <media-alarm>....</media-alarm>
    </ima-group-information>
  </physical-interface>
</interface-filter-information>
```

Description IMA group alarms

<ima-group-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ima-group-information>
      <media-alarm>....</media-alarm>
    </ima-group-information>
  </physical-interface>
</interface-policer-information>
```

Description IMA group alarms

<ima-group-properties>

Usage

```
<ima-group-properties>
  <ima-version>
    ima-version
  </ima-version>
  <ima-frame-length>
    ima-frame-length
  </ima-frame-length>
  <ima-differential-delay>
    ima-differential-delay
  </ima-differential-delay>
  <ima-symmetry>
    ima-symmetry
  </ima-symmetry>
  <ima-transmit-clock>
```

```

    ima-transmit-clock
  </ima-transmit-clock>
  <ima-tx-minimum-links>
    ima-tx-minimum-links
  </ima-tx-minimum-links>
  <ima-rx-minimum-links>
    ima-rx-minimum-links
  </ima-rx-minimum-links>
  <ima-frame-sync-alpha>
    ima-frame-sync-alpha
  </ima-frame-sync-alpha>
  <ima-frame-sync-beta>
    ima-frame-sync-beta
  </ima-frame-sync-beta>
  <ima-frame-sync-gamma>
    ima-frame-sync-gamma
  </ima-frame-sync-gamma>
  <ima-group-link-enumerator>
    ima-group-link-enumerator
  </ima-group-link-enumerator>
  <ima-group-link-information>
    ima-group-link-information
  </ima-group-link-information>
  <ima-test-period>
    ima-test-period
  </ima-test-period>
  <ima-test-elapsed>
    ima-test-elapsed
  </ima-test-elapsed>
  <ima-test-status>
    ima-test-status
  </ima-test-status>
  <ima-test-pattern>
    ima-test-pattern
  </ima-test-pattern>
  <ima-test-link>
    ima-test-link
  </ima-test-link>
  <ima-test-result-pattern>
    ima-test-result-pattern
  </ima-test-result-pattern>
  <ima-test-result-status>
    ima-test-result-status
  </ima-test-result-status>
  <ima-test-result-miscon>
    ima-test-result-miscon
  </ima-test-result-miscon>
  <ima-test-result-mispat>
    ima-test-result-mispat
  </ima-test-result-mispat>
</ima-group-properties>

```

Description

<ima-group-properties>

Usage

```
<physical-interface>
  <ima-group-properties>
    <ima-version>
      ima-version
    </ima-version>
    <ima-frame-length>
      ima-frame-length
    </ima-frame-length>
    <ima-differential-delay>
      ima-differential-delay
    </ima-differential-delay>
    <ima-symmetry>
      ima-symmetry
    </ima-symmetry>
    <ima-transmit-clock>
      ima-transmit-clock
    </ima-transmit-clock>
    <ima-tx-minimum-links>
      ima-tx-minimum-links
    </ima-tx-minimum-links>
    <ima-rx-minimum-links>
      ima-rx-minimum-links
    </ima-rx-minimum-links>
    <ima-frame-sync-alpha>
      ima-frame-sync-alpha
    </ima-frame-sync-alpha>
    <ima-frame-sync-beta>
      ima-frame-sync-beta
    </ima-frame-sync-beta>
    <ima-frame-sync-gamma>
      ima-frame-sync-gamma
    </ima-frame-sync-gamma>
    <ima-group-link-enumerator>
      ima-group-link-enumerator
    </ima-group-link-enumerator>
    <ima-group-link-information>
      ima-group-link-information
    </ima-group-link-information>
    <ima-test-period>
      ima-test-period
    </ima-test-period>
    <ima-test-elapsed>
      ima-test-elapsed
    </ima-test-elapsed>
    <ima-test-status>
      ima-test-status
    </ima-test-status>
    <ima-test-pattern>
      ima-test-pattern
    </ima-test-pattern>
    <ima-test-link>
      ima-test-link
```



```

</ima-test-link>
<ima-test-result-pattern>
  ima-test-result-pattern
</ima-test-result-pattern>
<ima-test-result-status>
  ima-test-result-status
</ima-test-result-status>
<ima-test-result-miscon>
  ima-test-result-miscon
</ima-test-result-miscon>
<ima-test-result-mispat>
  ima-test-result-mispat
</ima-test-result-mispat>
</ima-group-properties>
</physical-interface>

```

Description

<ima-group-properties>

Usage

```

<interface-information>
<physical-interface>
  <ima-group-properties>
    <ima-version>
      ima-version
    </ima-version>
    <ima-frame-length>
      ima-frame-length
    </ima-frame-length>
    <ima-differential-delay>
      ima-differential-delay
    </ima-differential-delay>
    <ima-symmetry>
      ima-symmetry
    </ima-symmetry>
    <ima-transmit-clock>
      ima-transmit-clock
    </ima-transmit-clock>
    <ima-tx-minimum-links>
      ima-tx-minimum-links
    </ima-tx-minimum-links>
    <ima-rx-minimum-links>
      ima-rx-minimum-links
    </ima-rx-minimum-links>
    <ima-frame-sync-alpha>
      ima-frame-sync-alpha
    </ima-frame-sync-alpha>
    <ima-frame-sync-beta>
      ima-frame-sync-beta
    </ima-frame-sync-beta>
    <ima-frame-sync-gamma>
      ima-frame-sync-gamma
    </ima-frame-sync-gamma>
    <ima-group-link-enumerator>

```

```
    ima-group-link-enumerator
  </ima-group-link-enumerator>
  <ima-group-link-information>
    ima-group-link-information
  </ima-group-link-information>
  <ima-test-period>
    ima-test-period
  </ima-test-period>
  <ima-test-elapsed>
    ima-test-elapsed
  </ima-test-elapsed>
  <ima-test-status>
    ima-test-status
  </ima-test-status>
  <ima-test-pattern>
    ima-test-pattern
  </ima-test-pattern>
  <ima-test-link>
    ima-test-link
  </ima-test-link>
  <ima-test-result-pattern>
    ima-test-result-pattern
  </ima-test-result-pattern>
  <ima-test-result-status>
    ima-test-result-status
  </ima-test-result-status>
  <ima-test-result-miscon>
    ima-test-result-miscon
  </ima-test-result-miscon>
  <ima-test-result-mispat>
    ima-test-result-mispat
  </ima-test-result-mispat>
</ima-group-properties>
</physical-interface>
</interface-information>
```

Description

<ima-group-properties>

Usage

```
<interface-filter-information>
<physical-interface>
  <ima-group-properties>
    <ima-version>
      ima-version
    </ima-version>
    <ima-frame-length>
      ima-frame-length
    </ima-frame-length>
    <ima-differential-delay>
      ima-differential-delay
    </ima-differential-delay>
    <ima-symmetry>
      ima-symmetry
```

```
</ima-symmetry>
<ima-transmit-clock>
  ima-transmit-clock
</ima-transmit-clock>
<ima-tx-minimum-links>
  ima-tx-minimum-links
</ima-tx-minimum-links>
<ima-rx-minimum-links>
  ima-rx-minimum-links
</ima-rx-minimum-links>
<ima-frame-sync-alpha>
  ima-frame-sync-alpha
</ima-frame-sync-alpha>
<ima-frame-sync-beta>
  ima-frame-sync-beta
</ima-frame-sync-beta>
<ima-frame-sync-gamma>
  ima-frame-sync-gamma
</ima-frame-sync-gamma>
<ima-group-link-enumerator>
  ima-group-link-enumerator
</ima-group-link-enumerator>
<ima-group-link-information>
  ima-group-link-information
</ima-group-link-information>
<ima-test-period>
  ima-test-period
</ima-test-period>
<ima-test-elapsed>
  ima-test-elapsed
</ima-test-elapsed>
<ima-test-status>
  ima-test-status
</ima-test-status>
<ima-test-pattern>
  ima-test-pattern
</ima-test-pattern>
<ima-test-link>
  ima-test-link
</ima-test-link>
<ima-test-result-pattern>
  ima-test-result-pattern
</ima-test-result-pattern>
<ima-test-result-status>
  ima-test-result-status
</ima-test-result-status>
<ima-test-result-miscon>
  ima-test-result-miscon
</ima-test-result-miscon>
<ima-test-result-mispat>
  ima-test-result-mispat
</ima-test-result-mispat>
</ima-group-properties>
</physical-interface>
</interface-filter-information>
```

Description

<ima-group-properties>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ima-group-properties>
      <ima-version>
        ima-version
      </ima-version>
      <ima-frame-length>
        ima-frame-length
      </ima-frame-length>
      <ima-differential-delay>
        ima-differential-delay
      </ima-differential-delay>
      <ima-symmetry>
        ima-symmetry
      </ima-symmetry>
      <ima-transmit-clock>
        ima-transmit-clock
      </ima-transmit-clock>
      <ima-tx-minimum-links>
        ima-tx-minimum-links
      </ima-tx-minimum-links>
      <ima-rx-minimum-links>
        ima-rx-minimum-links
      </ima-rx-minimum-links>
      <ima-frame-sync-alpha>
        ima-frame-sync-alpha
      </ima-frame-sync-alpha>
      <ima-frame-sync-beta>
        ima-frame-sync-beta
      </ima-frame-sync-beta>
      <ima-frame-sync-gamma>
        ima-frame-sync-gamma
      </ima-frame-sync-gamma>
      <ima-group-link-enumerator>
        ima-group-link-enumerator
      </ima-group-link-enumerator>
      <ima-group-link-information>
        ima-group-link-information
      </ima-group-link-information>
      <ima-test-period>
        ima-test-period
      </ima-test-period>
      <ima-test-elapsed>
        ima-test-elapsed
      </ima-test-elapsed>
      <ima-test-status>
        ima-test-status
      </ima-test-status>
      <ima-test-pattern>
        ima-test-pattern
      </ima-test-pattern>
```

```

<ima-test-link>
  ima-test-link
</ima-test-link>
<ima-test-result-pattern>
  ima-test-result-pattern
</ima-test-result-pattern>
<ima-test-result-status>
  ima-test-result-status
</ima-test-result-status>
<ima-test-result-miscon>
  ima-test-result-miscon
</ima-test-result-miscon>
<ima-test-result-mispat>
  ima-test-result-mispat
</ima-test-result-mispat>
</ima-group-properties>
</physical-interface>
</interface-policer-information>

```

Description**<ima-link-information>****Usage**

```

<ima-link-information>
  <media-alarm>....</media-alarm>
</ima-link-information>

```

Description IMA link alarms**<ima-link-information>****Usage**

```

<physical-interface>
  <ima-link-information>
    <media-alarm>....</media-alarm>
  </ima-link-information>
</physical-interface>

```

Description IMA link alarms**<ima-link-information>****Usage**

```

<interface-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>....</media-alarm>
    </ima-link-information>
  </physical-interface>
</interface-information>

```

Description IMA link alarms

<ima-link-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>....</media-alarm>
    </ima-link-information>
  </physical-interface>
</interface-filter-information>
```

Description IMA link alarms

<ima-link-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>....</media-alarm>
    </ima-link-information>
  </physical-interface>
</interface-policer-information>
```

Description IMA link alarms

<ima-link-properties>

Usage

```
<ima-link-properties>
  <ima-group-id>
    ima-group-id
  </ima-group-id>
  <ima-link-direction>
    ima-link-direction
  </ima-link-direction>
</ima-link-properties>
```

Description

<ima-link-properties>

Usage

```
<physical-interface>
  <ima-link-properties>
    <ima-group-id>
      ima-group-id
    </ima-group-id>
    <ima-link-direction>
      ima-link-direction
    </ima-link-direction>
  </ima-link-properties>
</physical-interface>
```

```

    </ima-link-direction>
  </ima-link-properties>
</physical-interface>

```

Description

<ima-link-properties>

Usage

```

<interface-information>
  <physical-interface>
    <ima-link-properties>
      <ima-group-id>
        ima-group-id
      </ima-group-id>
      <ima-link-direction>
        ima-link-direction
      </ima-link-direction>
    </ima-link-properties>
  </physical-interface>
</interface-information>

```

Description

<ima-link-properties>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ima-link-properties>
      <ima-group-id>
        ima-group-id
      </ima-group-id>
      <ima-link-direction>
        ima-link-direction
      </ima-link-direction>
    </ima-link-properties>
  </physical-interface>
</interface-filter-information>

```

Description

<ima-link-properties>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ima-link-properties>
      <ima-group-id>
        ima-group-id
      </ima-group-id>
      <ima-link-direction>
        ima-link-direction
      </ima-link-direction>
    </ima-link-properties>
  </physical-interface>
</interface-policer-information>

```

```
</ima-link-properties>
</physical-interface>
</interface-policer-information>
```

Description

<ima-state>

Usage

```
<ima-state>
  <media-type>
    media-type
  </media-type>
  <ima-state-line>
    ima-state-line
  </ima-state-line>
  <ima-state-near-end>
    ima-state-near-end
  </ima-state-near-end>
  <ima-state-far-end>
    ima-state-far-end
  </ima-state-far-end>
</ima-state>
```

Description

<ima-state>

Usage

```
<physical-interface>
  <ima-state>
    <media-type>
      media-type
    </media-type>
    <ima-state-line>
      ima-state-line
    </ima-state-line>
    <ima-state-near-end>
      ima-state-near-end
    </ima-state-near-end>
    <ima-state-far-end>
      ima-state-far-end
    </ima-state-far-end>
  </ima-state>
</physical-interface>
```

Description

<ima-state>

Usage

```
<interface-information>
  <physical-interface>
    <ima-state>
```



```

<media-type>
  media-type
</media-type>
<ima-state-line>
  ima-state-line
</ima-state-line>
<ima-state-near-end>
  ima-state-near-end
</ima-state-near-end>
<ima-state-far-end>
  ima-state-far-end
</ima-state-far-end>
</ima-state>
</physical-interface>
</interface-information>

```

Description

<ima-state>

Usage

```

<interface-filter-information>
<physical-interface>
  <ima-state>
    <media-type>
      media-type
    </media-type>
    <ima-state-line>
      ima-state-line
    </ima-state-line>
    <ima-state-near-end>
      ima-state-near-end
    </ima-state-near-end>
    <ima-state-far-end>
      ima-state-far-end
    </ima-state-far-end>
  </ima-state>
</physical-interface>
</interface-filter-information>

```

Description

<ima-state>

Usage

```

<interface-policer-information>
<physical-interface>
  <ima-state>
    <media-type>
      media-type
    </media-type>
    <ima-state-line>
      ima-state-line
    </ima-state-line>

```

```
<ima-state-near-end>
  ima-state-near-end
</ima-state-near-end>
<ima-state-far-end>
  ima-state-far-end
</ima-state-far-end>
</ima-state>
</physical-interface>
</interface-policer-information>
```

Description

<in-arp-statistics>

Usage

```
<virtual-circuit-information>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
      bad-hardware-length-count
    </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</virtual-circuit-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>**Usage**

```

<logical-interface>
<virtual-circuit-information>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
      bad-hardware-length-count
    </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</virtual-circuit-information>
</logical-interface>

```

Description Container tag for ARP statistics

<in-arp-statistics>**Usage**

```

<logical-interface>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>

```

```
    transmitted-count
  </transmitted-count>
  <denied-count>
    denied-count
  </denied-count>
  <operation-not-supported-count>
    operation-not-supported-count
  </operation-not-supported-count>
  <bad-packet-length-count>
    bad-packet-length-count
  </bad-packet-length-count>
  <bad-protocol-count>
    bad-protocol-count
  </bad-protocol-count>
  <bad-protocol-length-count>
    bad-protocol-length-count
  </bad-protocol-length-count>
  <bad-hardware-length-count>
    bad-hardware-length-count
  </bad-hardware-length-count>
  <dropped-count>
    dropped-count
  </dropped-count>
  <last-received>
    last-received
  </last-received>
  <last-transmitted>
    last-transmitted
  </last-transmitted>
</in-arp-statistics>
</logical-interface>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
```

```

        bad-packet-length-count
      </bad-packet-length-count>
      <bad-protocol-count>
        bad-protocol-count
      </bad-protocol-count>
      <bad-protocol-length-count>
        bad-protocol-length-count
      </bad-protocol-length-count>
      <bad-hardware-length-count>
        bad-hardware-length-count
      </bad-hardware-length-count>
      <dropped-count>
        dropped-count
      </dropped-count>
      <last-received>
        last-received
      </last-received>
      <last-transmitted>
        last-transmitted
      </last-transmitted>
    </in-arp-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
  </in-arp-statistics>
</logical-interface>
</physical-interface>

```

```
<bad-hardware-length-count>
  bad-hardware-length-count
</bad-hardware-length-count>
<dropped-count>
  dropped-count
</dropped-count>
<last-received>
  last-received
</last-received>
<last-transmitted>
  last-transmitted
</last-transmitted>
</in-arp-statistics>
</logical-interface>
</physical-interface>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <in-arp-statistics>
      <received-count>
        received-count
      </received-count>
      <transmitted-count>
        transmitted-count
      </transmitted-count>
      <denied-count>
        denied-count
      </denied-count>
      <operation-not-supported-count>
        operation-not-supported-count
      </operation-not-supported-count>
      <bad-packet-length-count>
        bad-packet-length-count
      </bad-packet-length-count>
      <bad-protocol-count>
        bad-protocol-count
      </bad-protocol-count>
      <bad-protocol-length-count>
        bad-protocol-length-count
      </bad-protocol-length-count>
      <bad-hardware-length-count>
        bad-hardware-length-count
      </bad-hardware-length-count>
      <dropped-count>
        dropped-count
      </dropped-count>
      <last-received>
```

```

        last-received
      </last-received>
      <last-transmitted>
        last-transmitted
      </last-transmitted>
    </in-arp-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <in-arp-statistics>
        <received-count>
          received-count
        </received-count>
        <transmitted-count>
          transmitted-count
        </transmitted-count>
        <denied-count>
          denied-count
        </denied-count>
        <operation-not-supported-count>
          operation-not-supported-count
        </operation-not-supported-count>
        <bad-packet-length-count>
          bad-packet-length-count
        </bad-packet-length-count>
        <bad-protocol-count>
          bad-protocol-count
        </bad-protocol-count>
        <bad-protocol-length-count>
          bad-protocol-length-count
        </bad-protocol-length-count>
        <bad-hardware-length-count>
          bad-hardware-length-count
        </bad-hardware-length-count>
        <dropped-count>
          dropped-count
        </dropped-count>
        <last-received>
          last-received
        </last-received>
        <last-transmitted>
          last-transmitted
        </last-transmitted>
      </in-arp-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

```
</logical-interface>
</physical-interface>
</interface-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-information>
<logical-interface>
<virtual-circuit-information>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
      bad-hardware-length-count
    </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>**Usage**

```

<interface-information>
  <logical-interface>
    <in-arp-statistics>
      <received-count>
        received-count
      </received-count>
      <transmitted-count>
        transmitted-count
      </transmitted-count>
      <denied-count>
        denied-count
      </denied-count>
      <operation-not-supported-count>
        operation-not-supported-count
      </operation-not-supported-count>
      <bad-packet-length-count>
        bad-packet-length-count
      </bad-packet-length-count>
      <bad-protocol-count>
        bad-protocol-count
      </bad-protocol-count>
      <bad-protocol-length-count>
        bad-protocol-length-count
      </bad-protocol-length-count>
      <bad-hardware-length-count>
        bad-hardware-length-count
      </bad-hardware-length-count>
      <dropped-count>
        dropped-count
      </dropped-count>
      <last-received>
        last-received
      </last-received>
      <last-transmitted>
        last-transmitted
      </last-transmitted>
    </in-arp-statistics>
  </logical-interface>
</interface-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <in-arp-statistics>
          <received-count>

```

```
    received-count
  </received-count>
  <transmitted-count>
    transmitted-count
  </transmitted-count>
  <denied-count>
    denied-count
  </denied-count>
  <operation-not-supported-count>
    operation-not-supported-count
  </operation-not-supported-count>
  <bad-packet-length-count>
    bad-packet-length-count
  </bad-packet-length-count>
  <bad-protocol-count>
    bad-protocol-count
  </bad-protocol-count>
  <bad-protocol-length-count>
    bad-protocol-length-count
  </bad-protocol-length-count>
  <bad-hardware-length-count>
    bad-hardware-length-count
  </bad-hardware-length-count>
  <dropped-count>
    dropped-count
  </dropped-count>
  <last-received>
    last-received
  </last-received>
  <last-transmitted>
    last-transmitted
  </last-transmitted>
</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <in-arp-statistics>
      <received-count>
        received-count
      </received-count>
      <transmitted-count>
        transmitted-count
      </transmitted-count>
      <denied-count>
```

```

        denied-count
      </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
      bad-hardware-length-count
    </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <in-arp-statistics>
        <received-count>
          received-count
        </received-count>
        <transmitted-count>
          transmitted-count
        </transmitted-count>
        <denied-count>
          denied-count
        </denied-count>
        <operation-not-supported-count>
          operation-not-supported-count
        </operation-not-supported-count>
        <bad-packet-length-count>
          bad-packet-length-count

```

```
</bad-packet-length-count>
<bad-protocol-count>
  bad-protocol-count
</bad-protocol-count>
<bad-protocol-length-count>
  bad-protocol-length-count
</bad-protocol-length-count>
<bad-hardware-length-count>
  bad-hardware-length-count
</bad-hardware-length-count>
<dropped-count>
  dropped-count
</dropped-count>
<last-received>
  last-received
</last-received>
<last-transmitted>
  last-transmitted
</last-transmitted>
</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-filter-information>
<logical-interface>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
```

```

        bad-hardware-length-count
      </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</logical-interface>
</interface-filter-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <in-arp-statistics>
        <received-count>
          received-count
        </received-count>
        <transmitted-count>
          transmitted-count
        </transmitted-count>
        <denied-count>
          denied-count
        </denied-count>
        <operation-not-supported-count>
          operation-not-supported-count
        </operation-not-supported-count>
        <bad-packet-length-count>
          bad-packet-length-count
        </bad-packet-length-count>
        <bad-protocol-count>
          bad-protocol-count
        </bad-protocol-count>
        <bad-protocol-length-count>
          bad-protocol-length-count
        </bad-protocol-length-count>
        <bad-hardware-length-count>
          bad-hardware-length-count
        </bad-hardware-length-count>
        <dropped-count>
          dropped-count
        </dropped-count>
        <last-received>
          last-received

```

```
</last-received>
<last-transmitted>
  last-transmitted
</last-transmitted>
</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <in-arp-statistics>
    <received-count>
      received-count
    </received-count>
    <transmitted-count>
      transmitted-count
    </transmitted-count>
    <denied-count>
      denied-count
    </denied-count>
    <operation-not-supported-count>
      operation-not-supported-count
    </operation-not-supported-count>
    <bad-packet-length-count>
      bad-packet-length-count
    </bad-packet-length-count>
    <bad-protocol-count>
      bad-protocol-count
    </bad-protocol-count>
    <bad-protocol-length-count>
      bad-protocol-length-count
    </bad-protocol-length-count>
    <bad-hardware-length-count>
      bad-hardware-length-count
    </bad-hardware-length-count>
    <dropped-count>
      dropped-count
    </dropped-count>
    <last-received>
      last-received
    </last-received>
    <last-transmitted>
      last-transmitted
    </last-transmitted>
  </in-arp-statistics>
</logical-interface>
```

```

    </physical-interface>
  </interface-policer-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <in-arp-statistics>
        <received-count>
          received-count
        </received-count>
        <transmitted-count>
          transmitted-count
        </transmitted-count>
        <denied-count>
          denied-count
        </denied-count>
        <operation-not-supported-count>
          operation-not-supported-count
        </operation-not-supported-count>
        <bad-packet-length-count>
          bad-packet-length-count
        </bad-packet-length-count>
        <bad-protocol-count>
          bad-protocol-count
        </bad-protocol-count>
        <bad-protocol-length-count>
          bad-protocol-length-count
        </bad-protocol-length-count>
        <bad-hardware-length-count>
          bad-hardware-length-count
        </bad-hardware-length-count>
        <dropped-count>
          dropped-count
        </dropped-count>
        <last-received>
          last-received
        </last-received>
        <last-transmitted>
          last-transmitted
        </last-transmitted>
      </in-arp-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-policer-information>

```

Description Container tag for ARP statistics

<in-arp-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <in-arp-statistics>
      <received-count>
        received-count
      </received-count>
      <transmitted-count>
        transmitted-count
      </transmitted-count>
      <denied-count>
        denied-count
      </denied-count>
      <operation-not-supported-count>
        operation-not-supported-count
      </operation-not-supported-count>
      <bad-packet-length-count>
        bad-packet-length-count
      </bad-packet-length-count>
      <bad-protocol-count>
        bad-protocol-count
      </bad-protocol-count>
      <bad-protocol-length-count>
        bad-protocol-length-count
      </bad-protocol-length-count>
      <bad-hardware-length-count>
        bad-hardware-length-count
      </bad-hardware-length-count>
      <dropped-count>
        dropped-count
      </dropped-count>
      <last-received>
        last-received
      </last-received>
      <last-transmitted>
        last-transmitted
      </last-transmitted>
    </in-arp-statistics>
  </logical-interface>
</interface-policer-information>
```

Description Container tag for ARP statistics

<in6-addr-flags>

Usage

```
<in6-addr-flags>
  <in6-anycast>
    in6-anycast
  </in6-anycast>
  <in6-tentative>
    in6-tentative
```



```

</in6-tentative>
<in6-duplicate>
  in6-duplicate
</in6-duplicate>
<in6-detached>
  in6-detached
</in6-detached>
<in6-deprecated>
  in6-deprecated
</in6-deprecated>
<in6-nodad>
  in6-nodad
</in6-nodad>
<in6-temporary>
  in6-temporary
</in6-temporary>
<in6-autoconf>
  in6-autoconf
</in6-autoconf>
<in6-nopfxmgmt>
  in6-nopfxmgmt
</in6-nopfxmgmt>
</in6-addr-flags>

```

Description

<in6-addr-flags>

Usage

```

<interface-address>
  <in6-addr-flags>
    <in6-anycast>
      in6-anycast
    </in6-anycast>
    <in6-tentative>
      in6-tentative
    </in6-tentative>
    <in6-duplicate>
      in6-duplicate
    </in6-duplicate>
    <in6-detached>
      in6-detached
    </in6-detached>
    <in6-deprecated>
      in6-deprecated
    </in6-deprecated>
    <in6-nodad>
      in6-nodad
    </in6-nodad>
    <in6-temporary>
      in6-temporary
    </in6-temporary>
    <in6-autoconf>
      in6-autoconf
    </in6-autoconf>

```

```
<in6-nopfxmgmt>  
  in6-nopfxmgmt  
</in6-nopfxmgmt>  
</in6-addr-flags>  
</interface-address>
```

Description

<in6-addr-flags>

Usage

```
<address-family>  
  <interface-address>  
    <in6-addr-flags>  
      <in6-anycast>  
        in6-anycast  
      </in6-anycast>  
      <in6-tentative>  
        in6-tentative  
      </in6-tentative>  
      <in6-duplicate>  
        in6-duplicate  
      </in6-duplicate>  
      <in6-detached>  
        in6-detached  
      </in6-detached>  
      <in6-deprecated>  
        in6-deprecated  
      </in6-deprecated>  
      <in6-nodad>  
        in6-nodad  
      </in6-nodad>  
      <in6-temporary>  
        in6-temporary  
      </in6-temporary>  
      <in6-autoconf>  
        in6-autoconf  
      </in6-autoconf>  
      <in6-nopfxmgmt>  
        in6-nopfxmgmt  
      </in6-nopfxmgmt>  
    </in6-addr-flags>  
  </interface-address>  
</address-family>
```

Description

<in6-addr-flags>

Usage

```
<logical-interface>  
  <address-family>  
    <interface-address>  
      <in6-addr-flags>
```

```

<in6-anycast>
  in6-anycast
</in6-anycast>
<in6-tentative>
  in6-tentative
</in6-tentative>
<in6-duplicate>
  in6-duplicate
</in6-duplicate>
<in6-detached>
  in6-detached
</in6-detached>
<in6-deprecated>
  in6-deprecated
</in6-deprecated>
<in6-nodad>
  in6-nodad
</in6-nodad>
<in6-temporary>
  in6-temporary
</in6-temporary>
<in6-autoconf>
  in6-autoconf
</in6-autoconf>
<in6-nopfxmgmt>
  in6-nopfxmgmt
</in6-nopfxmgmt>
</in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>

```

Description

<in6-addr-flags>

Usage

```

<physical-interface>
<logical-interface>
<address-family>
<interface-address>
  <in6-addr-flags>
    <in6-anycast>
      in6-anycast
    </in6-anycast>
    <in6-tentative>
      in6-tentative
    </in6-tentative>
    <in6-duplicate>
      in6-duplicate
    </in6-duplicate>
    <in6-detached>
      in6-detached
    </in6-detached>
    <in6-deprecated>

```

```
    in6-deprecated
  </in6-deprecated>
  <in6-nodad>
    in6-nodad
  </in6-nodad>
  <in6-temporary>
    in6-temporary
  </in6-temporary>
  <in6-autoconf>
    in6-autoconf
  </in6-autoconf>
  <in6-nopfxmgmt>
    in6-nopfxmgmt
  </in6-nopfxmgmt>
</in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
```

Description

<in6-addr-flags>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<address-family>
<interface-address>
  <in6-addr-flags>
    <in6-anycast>
      in6-anycast
    </in6-anycast>
    <in6-tentative>
      in6-tentative
    </in6-tentative>
    <in6-duplicate>
      in6-duplicate
    </in6-duplicate>
    <in6-detached>
      in6-detached
    </in6-detached>
    <in6-deprecated>
      in6-deprecated
    </in6-deprecated>
    <in6-nodad>
      in6-nodad
    </in6-nodad>
    <in6-temporary>
      in6-temporary
    </in6-temporary>
    <in6-autoconf>
      in6-autoconf
    </in6-autoconf>
```

```

    <in6-nopfxmgmt>
      in6-nopfxmgmt
    </in6-nopfxmgmt>
  </in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<in6-addr-flags>

Usage

```

<interface-information>
<logical-interface>
<address-family>
<interface-address>
  <in6-addr-flags>
    <in6-anycast>
      in6-anycast
    </in6-anycast>
    <in6-tentative>
      in6-tentative
    </in6-tentative>
    <in6-duplicate>
      in6-duplicate
    </in6-duplicate>
    <in6-detached>
      in6-detached
    </in6-detached>
    <in6-deprecated>
      in6-deprecated
    </in6-deprecated>
    <in6-nodad>
      in6-nodad
    </in6-nodad>
    <in6-temporary>
      in6-temporary
    </in6-temporary>
    <in6-autoconf>
      in6-autoconf
    </in6-autoconf>
    <in6-nopfxmgmt>
      in6-nopfxmgmt
    </in6-nopfxmgmt>
  </in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-information>

```

Description

<in6-addr-flags>

Usage

```
<interface-filter-information>
<physical-interface>
  <logical-interface>
    <address-family>
      <interface-address>
        <in6-addr-flags>
          <in6-anycast>
            in6-anycast
          </in6-anycast>
          <in6-tentative>
            in6-tentative
          </in6-tentative>
          <in6-duplicate>
            in6-duplicate
          </in6-duplicate>
          <in6-detached>
            in6-detached
          </in6-detached>
          <in6-deprecated>
            in6-deprecated
          </in6-deprecated>
          <in6-nodad>
            in6-nodad
          </in6-nodad>
          <in6-temporary>
            in6-temporary
          </in6-temporary>
          <in6-autoconf>
            in6-autoconf
          </in6-autoconf>
          <in6-nopfxmgmt>
            in6-nopfxmgmt
          </in6-nopfxmgmt>
        </in6-addr-flags>
      </interface-address>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<in6-addr-flags>

Usage

```
<interface-filter-information>
<logical-interface>
  <address-family>
    <interface-address>
      <in6-addr-flags>
        <in6-anycast>
          in6-anycast
```

```

</in6-anycast>
<in6-tentative>
  in6-tentative
</in6-tentative>
<in6-duplicate>
  in6-duplicate
</in6-duplicate>
<in6-detached>
  in6-detached
</in6-detached>
<in6-deprecated>
  in6-deprecated
</in6-deprecated>
<in6-nodad>
  in6-nodad
</in6-nodad>
<in6-temporary>
  in6-temporary
</in6-temporary>
<in6-autoconf>
  in6-autoconf
</in6-autoconf>
<in6-nopfxmgmt>
  in6-nopfxmgmt
</in6-nopfxmgmt>
</in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-filter-information>

```

Description

<in6-addr-flags>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <interface-address>
        <in6-addr-flags>
          <in6-anycast>
            in6-anycast
          </in6-anycast>
          <in6-tentative>
            in6-tentative
          </in6-tentative>
          <in6-duplicate>
            in6-duplicate
          </in6-duplicate>
          <in6-detached>
            in6-detached
          </in6-detached>
          <in6-deprecated>

```

```
        in6-deprecated
      </in6-deprecated>
    <in6-nodad>
      in6-nodad
    </in6-nodad>
    <in6-temporary>
      in6-temporary
    </in6-temporary>
    <in6-autoconf>
      in6-autoconf
    </in6-autoconf>
    <in6-nopfxmgmt>
      in6-nopfxmgmt
    </in6-nopfxmgmt>
  </in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<in6-addr-flags>

Usage

```
<interface-policer-information>
<logical-interface>
<address-family>
<interface-address>
  <in6-addr-flags>
    <in6-anycast>
      in6-anycast
    </in6-anycast>
    <in6-tentative>
      in6-tentative
    </in6-tentative>
    <in6-duplicate>
      in6-duplicate
    </in6-duplicate>
    <in6-detached>
      in6-detached
    </in6-detached>
    <in6-deprecated>
      in6-deprecated
    </in6-deprecated>
    <in6-nodad>
      in6-nodad
    </in6-nodad>
    <in6-temporary>
      in6-temporary
    </in6-temporary>
    <in6-autoconf>
      in6-autoconf
    </in6-autoconf>
```



```

    <in6-nopfxmgmt>
      in6-nopfxmgmt
    </in6-nopfxmgmt>
  </in6-addr-flags>
</interface-address>
</address-family>
</logical-interface>
</interface-policer-information>

```

Description**<ingress-queue-counters>****Usage**

```

<ingress-queue-counters>
  <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
  <queue>....</queue>
  <interface-cos-summary>....</interface-cos-summary>
  <interface-cos-short-summary>....</interface-cos-short-summary>

  <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

</ingress-queue-counters>

```

Description Ingress queue counter statistics**<ingress-queue-counters>****Usage**

```

<logical-interface>
  <ingress-queue-counters>
    <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
    <queue>....</queue>
    <interface-cos-summary>....</interface-cos-summary>
    <interface-cos-short-summary>....</interface-cos-short-summary>

    <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </logical-interface>

```

Description Ingress queue counter statistics**<ingress-queue-counters>****Usage**

```

<physical-interface>
  <logical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>

```

```
<interface-cos-short-summary>....</interface-cos-short-summary>

<queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

</ingress-queue-counters>
</logical-interface>
</physical-interface>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<physical-interface>
<ingress-queue-counters>
  <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
  <queue>....</queue>
  <interface-cos-summary>....</interface-cos-summary>
  <interface-cos-short-summary>....</interface-cos-short-summary>

  <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

</ingress-queue-counters>
</physical-interface>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-set>
<interface-set-queue-information>
  <ingress-queue-counters>
    <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
    <queue>....</queue>
    <interface-cos-summary>....</interface-cos-summary>
    <interface-cos-short-summary>....</interface-cos-short-summary>

  <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

  </ingress-queue-counters>
</interface-set-queue-information>
</interface-set>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-information>
  <physical-interface>
```

```

<logical-interface>
  <ingress-queue-counters>
    <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
    <queue>....</queue>
    <interface-cos-summary>....</interface-cos-summary>
    <interface-cos-short-summary>....</interface-cos-short-summary>

  <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

  </ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```

<interface-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>
      <interface-cos-short-summary>....</interface-cos-short-summary>

    <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </physical-interface>
</interface-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```

<interface-information>
  <logical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>
      <interface-cos-short-summary>....</interface-cos-short-summary>

    <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </logical-interface>
</interface-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <ingress-queue-counters>
        <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
        <queue>....</queue>
        <interface-cos-summary>....</interface-cos-summary>
        <interface-cos-short-summary>....</interface-cos-short-summary>

      <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

      </ingress-queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <ingress-queue-counters>
        <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
        <queue>....</queue>
        <interface-cos-summary>....</interface-cos-summary>
        <interface-cos-short-summary>....</interface-cos-short-summary>

      <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

      </ingress-queue-counters>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
```

```

        <interface-cos-summary>....</interface-cos-summary>
        <interface-cos-short-summary>....</interface-cos-short-summary>

<queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
</physical-interface>
</interface-filter-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```

<interface-filter-information>
<logical-interface>
  <ingress-queue-counters>
    <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
    <queue>....</queue>
    <interface-cos-summary>....</interface-cos-summary>
    <interface-cos-short-summary>....</interface-cos-short-summary>

<queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

  </ingress-queue-counters>
</logical-interface>
</interface-filter-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```

<interface-policer-information>
<physical-interface>
  <logical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>
      <interface-cos-short-summary>....</interface-cos-short-summary>

<queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>
      <interface-cos-short-summary>....</interface-cos-short-summary>

    <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </physical-interface>
</interface-policer-information>
```

Description Ingress queue counter statistics

<ingress-queue-counters>

Usage

```
<interface-policer-information>
  <logical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>....</interface-chassis-cos-summary>
      <queue>....</queue>
      <interface-cos-summary>....</interface-cos-summary>
      <interface-cos-short-summary>....</interface-cos-short-summary>

    <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

    </ingress-queue-counters>
  </logical-interface>
</interface-policer-information>
```

Description Ingress queue counter statistics

<ingress-traffic-statistics>

Usage

```
<ingress-traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <input-packets>
    input-packets
  </input-packets>
  <input-pps>
```

```

    input-pps
  </input-pps>
  <input-drop-bytes>
    input-drop-bytes
  </input-drop-bytes>
  <input-drop-packets>
    input-drop-packets
  </input-drop-packets>
  <input-drop-bps>
    input-drop-bps
  </input-drop-bps>
  <input-drop-pps>
    input-drop-pps
  </input-drop-pps>
</ingress-traffic-statistics>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```

<logical-interface>
  <ingress-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-drop-bytes>
      input-drop-bytes
    </input-drop-bytes>
    <input-drop-packets>
      input-drop-packets
    </input-drop-packets>
    <input-drop-bps>
      input-drop-bps
    </input-drop-bps>
    <input-drop-pps>
      input-drop-pps
    </input-drop-pps>
  </ingress-traffic-statistics>
</logical-interface>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<physical-interface>
  <ingress-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-drop-bytes>
      input-drop-bytes
    </input-drop-bytes>
    <input-drop-packets>
      input-drop-packets
    </input-drop-packets>
    <input-drop-bps>
      input-drop-bps
    </input-drop-bps>
    <input-drop-pps>
      input-drop-pps
    </input-drop-pps>
  </ingress-traffic-statistics>
</physical-interface>
```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <ingress-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-drop-bytes>
      input-drop-bytes
```



```

</input-drop-bytes>
<input-drop-packets>
  input-drop-packets
</input-drop-packets>
<input-drop-bps>
  input-drop-bps
</input-drop-bps>
<input-drop-pps>
  input-drop-pps
</input-drop-pps>
</ingress-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-drop-bytes>
        input-drop-bytes
      </input-drop-bytes>
      <input-drop-packets>
        input-drop-packets
      </input-drop-packets>
      <input-drop-bps>
        input-drop-bps
      </input-drop-bps>
      <input-drop-pps>
        input-drop-pps
      </input-drop-pps>
    </ingress-traffic-statistics>
  </physical-interface>
</interface-information>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <ingress-traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-drop-bytes>
          input-drop-bytes
        </input-drop-bytes>
        <input-drop-packets>
          input-drop-packets
        </input-drop-packets>
        <input-drop-bps>
          input-drop-bps
        </input-drop-bps>
        <input-drop-pps>
          input-drop-pps
        </input-drop-pps>
      </ingress-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
```

```

        input-pps
      </input-pps>
    <input-drop-bytes>
      input-drop-bytes
    </input-drop-bytes>
    <input-drop-packets>
      input-drop-packets
    </input-drop-packets>
    <input-drop-bps>
      input-drop-bps
    </input-drop-bps>
    <input-drop-pps>
      input-drop-pps
    </input-drop-pps>
  </ingress-traffic-statistics>
</logical-interface>
</interface-information>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-drop-bytes>
        input-drop-bytes
      </input-drop-bytes>
      <input-drop-packets>
        input-drop-packets
      </input-drop-packets>
      <input-drop-bps>
        input-drop-bps
      </input-drop-bps>
      <input-drop-pps>
        input-drop-pps
      </input-drop-pps>
    </ingress-traffic-statistics>
  </physical-interface>
</interface-filter-information>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-drop-bytes>
        input-drop-bytes
      </input-drop-bytes>
      <input-drop-packets>
        input-drop-packets
      </input-drop-packets>
      <input-drop-bps>
        input-drop-bps
      </input-drop-bps>
      <input-drop-pps>
        input-drop-pps
      </input-drop-pps>
    </ingress-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
```

```

</input-packets>
<input-pps>
  input-pps
</input-pps>
<input-drop-bytes>
  input-drop-bytes
</input-drop-bytes>
<input-drop-packets>
  input-drop-packets
</input-drop-packets>
<input-drop-bps>
  input-drop-bps
</input-drop-bps>
<input-drop-pps>
  input-drop-pps
</input-drop-pps>
</ingress-traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```

<interface-policer-information>
<physical-interface>
  <ingress-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-drop-bytes>
      input-drop-bytes
    </input-drop-bytes>
    <input-drop-packets>
      input-drop-packets
    </input-drop-packets>
    <input-drop-bps>
      input-drop-bps
    </input-drop-bps>
    <input-drop-pps>
      input-drop-pps
    </input-drop-pps>
  </ingress-traffic-statistics>
</physical-interface>

```

</interface-policer-information>

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <ingress-traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-drop-bytes>
          input-drop-bytes
        </input-drop-bytes>
        <input-drop-packets>
          input-drop-packets
        </input-drop-packets>
        <input-drop-bps>
          input-drop-bps
        </input-drop-bps>
        <input-drop-pps>
          input-drop-pps
        </input-drop-pps>
      </ingress-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<ingress-traffic-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <ingress-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
```

```

</input-bps>
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<input-drop-bytes>
  input-drop-bytes
</input-drop-bytes>
<input-drop-packets>
  input-drop-packets
</input-drop-packets>
<input-drop-bps>
  input-drop-bps
</input-drop-bps>
<input-drop-pps>
  input-drop-pps
</input-drop-pps>
</ingress-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description Traffic statistics at ingress before entering Packet Forwarding Engine

<input-error-list>

Usage

```

<input-error-list>
  <input-errors>
    input-errors
  </input-errors>
  <input-drops>
    input-drops
  </input-drops>
  <invalid-vcs>
    invalid-vcs
  </invalid-vcs>
  <framing-errors>
    framing-errors
  </framing-errors>
  <input-runts>
    input-runts
  </input-runts>
  <input-giants>
    input-giants
  </input-giants>
  <input-bucket-drops>
    input-bucket-drops
  </input-bucket-drops>
  <input-discards>
    input-discards
  </input-discards>
  <input-l3-incompletes>

```

```
    input-l3-incompletes
  </input-l3-incompletes>
  <input-l2-channel-errors>
    input-l2-channel-errors
  </input-l2-channel-errors>
  <input-l2-mismatch-timeouts>
    input-l2-mismatch-timeouts
  </input-l2-mismatch-timeouts>
  <input-fifo-errors>
    input-fifo-errors
  </input-fifo-errors>
  <hs-link-crc-errors>
    hs-link-crc-errors
  </hs-link-crc-errors>
  <hs-link-fifo-overflows>
    hs-link-fifo-overflows
  </hs-link-fifo-overflows>
  <sram-errors>
    sram-errors
  </sram-errors>
  <input-resource-errors>
    input-resource-errors
  </input-resource-errors>
</input-error-list>
```

Description Input errors on this interface

<input-error-list>

Usage

```
<physical-interface>
  <input-error-list>
    <input-errors>
      input-errors
    </input-errors>
    <input-drops>
      input-drops
    </input-drops>
    <invalid-vcs>
      invalid-vcs
    </invalid-vcs>
    <framing-errors>
      framing-errors
    </framing-errors>
    <input-runts>
      input-runts
    </input-runts>
    <input-giants>
      input-giants
    </input-giants>
    <input-bucket-drops>
      input-bucket-drops
    </input-bucket-drops>
    <input-discards>
```



```

        input-discards
      </input-discards>
      <input-l3-incompletes>
        input-l3-incompletes
      </input-l3-incompletes>
      <input-l2-channel-errors>
        input-l2-channel-errors
      </input-l2-channel-errors>
      <input-l2-mismatch-timeouts>
        input-l2-mismatch-timeouts
      </input-l2-mismatch-timeouts>
      <input-fifo-errors>
        input-fifo-errors
      </input-fifo-errors>
      <hs-link-crc-errors>
        hs-link-crc-errors
      </hs-link-crc-errors>
      <hs-link-fifo-overflows>
        hs-link-fifo-overflows
      </hs-link-fifo-overflows>
      <sram-errors>
        sram-errors
      </sram-errors>
      <input-resource-errors>
        input-resource-errors
      </input-resource-errors>
    </input-error-list>
  </physical-interface>

```

Description Input errors on this interface

<input-error-list>

Usage

```

<interface-information>
  <physical-interface>
    <input-error-list>
      <input-errors>
        input-errors
      </input-errors>
      <input-drops>
        input-drops
      </input-drops>
      <invalid-vcs>
        invalid-vcs
      </invalid-vcs>
      <framing-errors>
        framing-errors
      </framing-errors>
      <input-runs>
        input-runs
      </input-runs>
      <input-giants>
        input-giants
      </input-giants>
    </input-error-list>
  </physical-interface>
</interface-information>

```

```
</input-giants>
<input-bucket-drops>
  input-bucket-drops
</input-bucket-drops>
<input-discards>
  input-discards
</input-discards>
<input-l3-incompletes>
  input-l3-incompletes
</input-l3-incompletes>
<input-l2-channel-errors>
  input-l2-channel-errors
</input-l2-channel-errors>
<input-l2-mismatch-timeouts>
  input-l2-mismatch-timeouts
</input-l2-mismatch-timeouts>
<input-fifo-errors>
  input-fifo-errors
</input-fifo-errors>
<hs-link-crc-errors>
  hs-link-crc-errors
</hs-link-crc-errors>
<hs-link-fifo-overflows>
  hs-link-fifo-overflows
</hs-link-fifo-overflows>
<sram-errors>
  sram-errors
</sram-errors>
<input-resource-errors>
  input-resource-errors
</input-resource-errors>
</input-error-list>
</physical-interface>
</interface-information>
```

Description Input errors on this interface

<input-error-list>

Usage

```
<interface-filter-information>
<physical-interface>
  <input-error-list>
    <input-errors>
      input-errors
    </input-errors>
    <input-drops>
      input-drops
    </input-drops>
    <invalid-vcs>
      invalid-vcs
    </invalid-vcs>
    <framing-errors>
      framing-errors
```

```

</framing-errors>
<input-runs>
  input-runs
</input-runs>
<input-giants>
  input-giants
</input-giants>
<input-bucket-drops>
  input-bucket-drops
</input-bucket-drops>
<input-discards>
  input-discards
</input-discards>
<input-l3-incompletes>
  input-l3-incompletes
</input-l3-incompletes>
<input-l2-channel-errors>
  input-l2-channel-errors
</input-l2-channel-errors>
<input-l2-mismatch-timeouts>
  input-l2-mismatch-timeouts
</input-l2-mismatch-timeouts>
<input-fifo-errors>
  input-fifo-errors
</input-fifo-errors>
<hs-link-crc-errors>
  hs-link-crc-errors
</hs-link-crc-errors>
<hs-link-fifo-overflows>
  hs-link-fifo-overflows
</hs-link-fifo-overflows>
<sram-errors>
  sram-errors
</sram-errors>
<input-resource-errors>
  input-resource-errors
</input-resource-errors>
</input-error-list>
</physical-interface>
</interface-filter-information>

```

Description Input errors on this interface

<input-error-list>

Usage

```

<interface-policer-information>
<physical-interface>
  <input-error-list>
    <input-errors>
      input-errors
    </input-errors>
    <input-drops>
      input-drops

```

```
</input-drops>
<invalid-vcs>
  invalid-vcs
</invalid-vcs>
<framing-errors>
  framing-errors
</framing-errors>
<input-runs>
  input-runs
</input-runs>
<input-giants>
  input-giants
</input-giants>
<input-bucket-drops>
  input-bucket-drops
</input-bucket-drops>
<input-discards>
  input-discards
</input-discards>
<input-l3-incompletes>
  input-l3-incompletes
</input-l3-incompletes>
<input-l2-channel-errors>
  input-l2-channel-errors
</input-l2-channel-errors>
<input-l2-mismatch-timeouts>
  input-l2-mismatch-timeouts
</input-l2-mismatch-timeouts>
<input-fifo-errors>
  input-fifo-errors
</input-fifo-errors>
<hs-link-crc-errors>
  hs-link-crc-errors
</hs-link-crc-errors>
<hs-link-fifo-overflows>
  hs-link-fifo-overflows
</hs-link-fifo-overflows>
<sram-errors>
  sram-errors
</sram-errors>
<input-resource-errors>
  input-resource-errors
</input-resource-errors>
</input-error-list>
</physical-interface>
</interface-policer-information>
```

Description Input errors on this interface

<interface-address>

Usage

```
<interface-address>
  <ifa-flags>....</ifa-flags>
```

```

<generation>
  generation
</generation>
<ifa-destination>
  ifa-destination
</ifa-destination>
<ifa-local>
  ifa-local
</ifa-local>
<in6-addr-flags>....</in6-addr-flags>
<ifa-broadcast>
  ifa-broadcast
</ifa-broadcast>
<ifa-primary-dns>
  ifa-primary-dns
</ifa-primary-dns>
<ifa-primary-nbns>
  ifa-primary-nbns
</ifa-primary-nbns>
<ifa-secondary-dns>
  ifa-secondary-dns
</ifa-secondary-dns>
<ifa-secondary-nbns>
  ifa-secondary-nbns
</ifa-secondary-nbns>
<ifa-address-pool>
  ifa-address-pool
</ifa-address-pool>
</interface-address>

```

Description

<interface-address>

Usage

```

<address-family>
  <interface-address>
    <ifa-flags>....</ifa-flags>
    <generation>
      generation
    </generation>
    <ifa-destination>
      ifa-destination
    </ifa-destination>
    <ifa-local>
      ifa-local
    </ifa-local>
    <in6-addr-flags>....</in6-addr-flags>
    <ifa-broadcast>
      ifa-broadcast
    </ifa-broadcast>
    <ifa-primary-dns>
      ifa-primary-dns
    </ifa-primary-dns>
    <ifa-primary-nbns>

```

```
    ifa-primary-nbns
  </ifa-primary-nbns>
  <ifa-secondary-dns>
    ifa-secondary-dns
  </ifa-secondary-dns>
  <ifa-secondary-nbns>
    ifa-secondary-nbns
  </ifa-secondary-nbns>
  <ifa-address-pool>
    ifa-address-pool
  </ifa-address-pool>
</interface-address>
</address-family>
```

Description

<interface-address>

Usage

```
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>....</ifa-flags>
      <generation>
        generation
      </generation>
      <ifa-destination>
        ifa-destination
      </ifa-destination>
      <ifa-local>
        ifa-local
      </ifa-local>
      <in6-addr-flags>....</in6-addr-flags>
      <ifa-broadcast>
        ifa-broadcast
      </ifa-broadcast>
      <ifa-primary-dns>
        ifa-primary-dns
      </ifa-primary-dns>
      <ifa-primary-nbns>
        ifa-primary-nbns
      </ifa-primary-nbns>
      <ifa-secondary-dns>
        ifa-secondary-dns
      </ifa-secondary-dns>
      <ifa-secondary-nbns>
        ifa-secondary-nbns
      </ifa-secondary-nbns>
      <ifa-address-pool>
        ifa-address-pool
      </ifa-address-pool>
    </interface-address>
  </address-family>
</logical-interface>
```

Description

<interface-address>

Usage

```

<physical-interface>
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>....</ifa-flags>
      <generation>
        generation
      </generation>
      <ifa-destination>
        ifa-destination
      </ifa-destination>
      <ifa-local>
        ifa-local
      </ifa-local>
      <in6-addr-flags>....</in6-addr-flags>
      <ifa-broadcast>
        ifa-broadcast
      </ifa-broadcast>
      <ifa-primary-dns>
        ifa-primary-dns
      </ifa-primary-dns>
      <ifa-primary-nbns>
        ifa-primary-nbns
      </ifa-primary-nbns>
      <ifa-secondary-dns>
        ifa-secondary-dns
      </ifa-secondary-dns>
      <ifa-secondary-nbns>
        ifa-secondary-nbns
      </ifa-secondary-nbns>
      <ifa-address-pool>
        ifa-address-pool
      </ifa-address-pool>
    </interface-address>
  </address-family>
</logical-interface>
</physical-interface>

```

Description

<interface-address>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>....</ifa-flags>
        <generation>

```

```
    generation
  </generation>
  <ifa-destination>
    ifa-destination
  </ifa-destination>
  <ifa-local>
    ifa-local
  </ifa-local>
  <in6-addr-flags>....</in6-addr-flags>
  <ifa-broadcast>
    ifa-broadcast
  </ifa-broadcast>
  <ifa-primary-dns>
    ifa-primary-dns
  </ifa-primary-dns>
  <ifa-primary-nbns>
    ifa-primary-nbns
  </ifa-primary-nbns>
  <ifa-secondary-dns>
    ifa-secondary-dns
  </ifa-secondary-dns>
  <ifa-secondary-nbns>
    ifa-secondary-nbns
  </ifa-secondary-nbns>
  <ifa-address-pool>
    ifa-address-pool
  </ifa-address-pool>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<interface-address>

Usage

```
<interface-information>
<logical-interface>
<address-family>
  <interface-address>
    <ifa-flags>....</ifa-flags>
    <generation>
      generation
    </generation>
    <ifa-destination>
      ifa-destination
    </ifa-destination>
    <ifa-local>
      ifa-local
    </ifa-local>
    <in6-addr-flags>....</in6-addr-flags>
    <ifa-broadcast>
      ifa-broadcast
```



```

</ifa-broadcast>
<ifa-primary-dns>
  ifa-primary-dns
</ifa-primary-dns>
<ifa-primary-nbns>
  ifa-primary-nbns
</ifa-primary-nbns>
<ifa-secondary-dns>
  ifa-secondary-dns
</ifa-secondary-dns>
<ifa-secondary-nbns>
  ifa-secondary-nbns
</ifa-secondary-nbns>
<ifa-address-pool>
  ifa-address-pool
</ifa-address-pool>
</interface-address>
</address-family>
</logical-interface>
</interface-information>

```

Description

<interface-address>

Usage

```

<interface-filter-information>
<physical-interface>
<logical-interface>
<address-family>
  <interface-address>
    <ifa-flags>....</ifa-flags>
    <generation>
      generation
    </generation>
    <ifa-destination>
      ifa-destination
    </ifa-destination>
    <ifa-local>
      ifa-local
    </ifa-local>
    <in6-addr-flags>....</in6-addr-flags>
    <ifa-broadcast>
      ifa-broadcast
    </ifa-broadcast>
    <ifa-primary-dns>
      ifa-primary-dns
    </ifa-primary-dns>
    <ifa-primary-nbns>
      ifa-primary-nbns
    </ifa-primary-nbns>
    <ifa-secondary-dns>
      ifa-secondary-dns
    </ifa-secondary-dns>
    <ifa-secondary-nbns>

```

```
    ifa-secondary-nbns
  </ifa-secondary-nbns>
  <ifa-address-pool>
    ifa-address-pool
  </ifa-address-pool>
</interface-address>
</address-family>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<interface-address>

Usage

```
<interface-filter-information>
<logical-interface>
  <address-family>
    <interface-address>
      <ifa-flags>....</ifa-flags>
      <generation>
        generation
      </generation>
      <ifa-destination>
        ifa-destination
      </ifa-destination>
      <ifa-local>
        ifa-local
      </ifa-local>
      <in6-addr-flags>....</in6-addr-flags>
      <ifa-broadcast>
        ifa-broadcast
      </ifa-broadcast>
      <ifa-primary-dns>
        ifa-primary-dns
      </ifa-primary-dns>
      <ifa-primary-nbns>
        ifa-primary-nbns
      </ifa-primary-nbns>
      <ifa-secondary-dns>
        ifa-secondary-dns
      </ifa-secondary-dns>
      <ifa-secondary-nbns>
        ifa-secondary-nbns
      </ifa-secondary-nbns>
      <ifa-address-pool>
        ifa-address-pool
      </ifa-address-pool>
    </interface-address>
  </address-family>
</logical-interface>
</interface-filter-information>
```

Description

<interface-address>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>....</ifa-flags>
        <generation>
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        </generation>
        <ifa-destination>
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        </ifa-destination>
        <ifa-local>
          ifa-local
        </ifa-local>
        <in6-addr-flags>....</in6-addr-flags>
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          ifa-broadcast
        </ifa-broadcast>
        <ifa-primary-dns>
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        </ifa-primary-dns>
        <ifa-primary-nbns>
          ifa-primary-nbns
        </ifa-primary-nbns>
        <ifa-secondary-dns>
          ifa-secondary-dns
        </ifa-secondary-dns>
        <ifa-secondary-nbns>
          ifa-secondary-nbns
        </ifa-secondary-nbns>
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        </ifa-address-pool>
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    </address-family>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<interface-address>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <interface-address>
        <ifa-flags>....</ifa-flags>

```

```
<generation>
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</generation>
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  ifa-destination
</ifa-destination>
<ifa-local>
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</ifa-local>
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</ifa-broadcast>
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<ifa-primary-nbns>
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</ifa-primary-nbns>
<ifa-secondary-dns>
  ifa-secondary-dns
</ifa-secondary-dns>
<ifa-secondary-nbns>
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</ifa-secondary-nbns>
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</ifa-address-pool>
</interface-address>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description

<interface-alarms>

Usage

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  <alarm-not-present>
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  </alarm-not-present>
  <sonet-alarm-lol>
    sonet-alarm-lol
  </sonet-alarm-lol>
  <sonet-alarm-pll>
    sonet-alarm-pll
  </sonet-alarm-pll>
  <sonet-alarm-lof>
    sonet-alarm-lof
  </sonet-alarm-lof>
  <sonet-alarm-los>
    sonet-alarm-los
  </sonet-alarm-los>
  <sonet-alarm-sef>
```

```
sonet-alarm-sef
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<sonet-alarm-lais>
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<sonet-alarm-pais>
  sonet-alarm-pais
</sonet-alarm-pais>
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  sdh-alarm-tuuneq
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  otn-alarm-odu-lck
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</ima-alarm-timing-mismatch>
<ima-alarm-version-mismatch>
```

```

    ima-alarm-version-mismatch
  </ima-alarm-version-mismatch>
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  </ima-alarm-lif>
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  <ima-alarm-rx-misconnected>
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  <ima-alarm-tx-unusable-fe>
    ima-alarm-tx-unusable-fe
  </ima-alarm-tx-unusable-fe>
  <ima-alarm-rx-unusable-fe>
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  <generic-value>
    generic-value
  </generic-value>
</interface-alarms>

```

Description Container tag for interface alarms

<interface-alarms>

Usage

```

<physical-interface>
  <active-alarms>
    <interface-alarms>
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        alarm-not-present
      </alarm-not-present>
      <sonet-alarm-lol>
        sonet-alarm-lol
      </sonet-alarm-lol>
      <sonet-alarm-pll>
        sonet-alarm-pll
      </sonet-alarm-pll>
      <sonet-alarm-lof>
        sonet-alarm-lof
      </sonet-alarm-lof>
      <sonet-alarm-los>
        sonet-alarm-los
      </sonet-alarm-los>
    </interface-alarms>
  </active-alarms>
</physical-interface>

```

```
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    otn-alarm-odu-threshold-uas
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    ima-alarm-config-abort-fe
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</active-alarms>
</physical-interface>

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Description Container tag for interface alarms

<interface-alarms>

Usage

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    </sonet-alarm-lol>
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      sonet-alarm-pll
    </sonet-alarm-pll>
    <sonet-alarm-lof>
      sonet-alarm-lof
    </sonet-alarm-lof>
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</active-defects>
</physical-interface>

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    ima-alarm-config-abort-fe
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<ima-alarm-timing-mismatch>
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<ima-alarm-rx-unusable-fe>
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</active-defects>
</physical-interface>

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Description Container tag for interface alarms

<interface-alarms>

Usage

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      </sonet-alarm-lol>
      <sonet-alarm-pll>
        sonet-alarm-pll
      </sonet-alarm-pll>
    </interface-alarms>
  </active-alarms-otn>
</physical-interface>

```

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</sonet-alarm-los>
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</active-defects-otn>
</physical-interface>

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Description Container tag for interface alarms

<interface-alarms>

Usage

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  </sonet-alarm-vlop>
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  <ima-alarm-rx-unusable-fe>
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</active-alarms>
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</links>
</physical-interface>
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Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

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<ima-alarm-tx-unusable-fe>
  ima-alarm-tx-unusable-fe
</ima-alarm-tx-unusable-fe>
<ima-alarm-rx-unusable-fe>
  ima-alarm-rx-unusable-fe
```

```

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</generic-value>
</interface-alarms>
</active-alarms>
</physical-interface>
</interface-information>

```

Description Container tag for interface alarms

<interface-alarms>

Usage

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    </sonet-alarm-pais>
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    </sonet-alarm-lop>
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    </sonet-alarm-berr-sd>
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</interface-information>

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  <dsl-alarm-locdni>
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  </dsl-alarm-locdni>
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    dsl-alarm-lop
  </dsl-alarm-lop>
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  </dsl-alarm-far-lof>
  <dsl-alarm-far-los>
    dsl-alarm-far-los
  </dsl-alarm-far-los>
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    otn-alarm-odu-threshold-ses
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  </ima-alarm-startup-fe>
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  </ima-alarm-config-abort>
  <ima-alarm-config-abort-fe>
    ima-alarm-config-abort-fe
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  </ima-alarm-insufficient-links>
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  </ima-alarm-tx-misconnected>
  <ima-alarm-rx-misconnected>
    ima-alarm-rx-misconnected
  </ima-alarm-rx-misconnected>
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  </ima-alarm-fault>
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<ima-alarm-rx-unusable-fe>
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</generic-value>
</interface-alarms>
</active-defects>
</physical-interface>
</interface-information>
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Description Container tag for interface alarms

<interface-alarms>

Usage

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    </alarm-not-present>
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    </sonet-alarm-pll>
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    </sonet-alarm-lof>
    <sonet-alarm-los>
      sonet-alarm-los
    </sonet-alarm-los>
    <sonet-alarm-sef>
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    </sonet-alarm-sef>
    <sonet-alarm-lais>
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    </sonet-alarm-lais>
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    </sonet-alarm-pais>
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    </sonet-alarm-lop>
    <sonet-alarm-berr-sd>
      sonet-alarm-berr-sd
    </sonet-alarm-berr-sd>
    <sonet-alarm-berr-sf>
```

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  </sonet-alarm-lrdi>
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  </sonet-alarm-rei>
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  <sdh-alarm-lof>
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  </sdh-alarm-lof>
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  </ethernet-alarm-link-down>
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Description Container tag for interface alarms

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Usage

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Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

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Usage

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Description Container tag for interface alarms

<interface-alarms>

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</interface-filter-information>

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Description Container tag for interface alarms

<interface-alarms>

Usage

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<physical-interface>

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Description Container tag for interface alarms

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Usage

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</interface-filter-information>

Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

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Usage

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</interface-filter-information>
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Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

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Description Container tag for interface alarms

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Usage

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Description Container tag for interface alarms

<interface-alarms>

Usage

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</active-defects-otn>
</physical-interface>
</interface-policer-information>

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Description Container tag for interface alarms

<interface-alarms>

Usage

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```

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<ima-alarm-config-abort-fe>
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</interface-policer-information>
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Description Container tag for interface alarms

<interface-alarms>

Usage

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Description Container tag for interface alarms

<interface-chassis-cos-summary>

Usage

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</interface-chassis-cos-summary>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```
<chassis-queue-counters>
  <interface-chassis-cos-summary>
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  </interface-chassis-cos-summary>
</chassis-queue-counters>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```
<ingress-queue-counters>
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    </intf-cos-chassis-num-queues-supported>
    <intf-cos-chassis-num-queues-in-use>
      intf-cos-chassis-num-queues-in-use
    </intf-cos-chassis-num-queues-in-use>
  </interface-chassis-cos-summary>
```

```

    </interface-chassis-cos-summary>
  </ingress-queue-counters>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<logical-interface>
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      </intf-cos-chassis-num-queues-in-use>
    </interface-chassis-cos-summary>
  </ingress-queue-counters>
</logical-interface>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<physical-interface>
  <logical-interface>
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          intf-cos-chassis-num-queues-in-use
        </intf-cos-chassis-num-queues-in-use>
      </interface-chassis-cos-summary>
    </ingress-queue-counters>
  </logical-interface>
</physical-interface>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<physical-interface>
  <chassis-queue-counters>
    <interface-chassis-cos-summary>
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```

```
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</chassis-queue-counters>
</physical-interface>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

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  </interface-chassis-cos-summary>
</ingress-queue-counters>
</physical-interface>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```
<interface-set>
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<ingress-queue-counters>
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      intf-cos-chassis-num-queues-in-use
    </intf-cos-chassis-num-queues-in-use>
  </interface-chassis-cos-summary>
</ingress-queue-counters>
</interface-set-queue-information>
</interface-set>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<interface-information>
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    <logical-interface>
      <ingress-queue-counters>
        <interface-chassis-cos-summary>
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        </interface-chassis-cos-summary>
      </ingress-queue-counters>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

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    </chassis-queue-counters>
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```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

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</ingress-queue-counters>
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Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

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      </intf-cos-chassis-num-queues-in-use>
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  </ingress-queue-counters>
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```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

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```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<interface-filter-information>
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```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

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    </chassis-queue-counters>
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</interface-filter-information>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>
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        </intf-cos-chassis-num-queues-supported>

```

```
<intf-cos-chassis-num-queues-in-use>
  intf-cos-chassis-num-queues-in-use
</intf-cos-chassis-num-queues-in-use>
</interface-chassis-cos-summary>
</ingress-queue-counters>
</physical-interface>
</interface-filter-information>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```
<interface-filter-information>
<logical-interface>
<ingress-queue-counters>
  <interface-chassis-cos-summary>
    <intf-cos-chassis-num-queues-supported>
      intf-cos-chassis-num-queues-supported
    </intf-cos-chassis-num-queues-supported>
    <intf-cos-chassis-num-queues-in-use>
      intf-cos-chassis-num-queues-in-use
    </intf-cos-chassis-num-queues-in-use>
  </interface-chassis-cos-summary>
</ingress-queue-counters>
</logical-interface>
</interface-filter-information>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<ingress-queue-counters>
  <interface-chassis-cos-summary>
    <intf-cos-chassis-num-queues-supported>
      intf-cos-chassis-num-queues-supported
    </intf-cos-chassis-num-queues-supported>
    <intf-cos-chassis-num-queues-in-use>
      intf-cos-chassis-num-queues-in-use
    </intf-cos-chassis-num-queues-in-use>
  </interface-chassis-cos-summary>
</ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <chassis-queue-counters>
      <interface-chassis-cos-summary>
        <intf-cos-chassis-num-queues-supported>
          intf-cos-chassis-num-queues-supported
        </intf-cos-chassis-num-queues-supported>
        <intf-cos-chassis-num-queues-in-use>
          intf-cos-chassis-num-queues-in-use
        </intf-cos-chassis-num-queues-in-use>
      </interface-chassis-cos-summary>
    </chassis-queue-counters>
  </physical-interface>
</interface-policer-information>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>
        <intf-cos-chassis-num-queues-supported>
          intf-cos-chassis-num-queues-supported
        </intf-cos-chassis-num-queues-supported>
        <intf-cos-chassis-num-queues-in-use>
          intf-cos-chassis-num-queues-in-use
        </intf-cos-chassis-num-queues-in-use>
      </interface-chassis-cos-summary>
    </ingress-queue-counters>
  </physical-interface>
</interface-policer-information>

```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-chassis-cos-summary>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <ingress-queue-counters>
      <interface-chassis-cos-summary>
        <intf-cos-chassis-num-queues-supported>
          intf-cos-chassis-num-queues-supported
        </intf-cos-chassis-num-queues-supported>
        <intf-cos-chassis-num-queues-in-use>
          intf-cos-chassis-num-queues-in-use

```

```
</intf-cos-chassis-num-queues-in-use>
</interface-chassis-cos-summary>
</ingress-queue-counters>
</logical-interface>
</interface-policer-information>
```

Description Packet Forwarding Engine chassis forwarding class and queue information for an interface

<interface-cos-short-summary>

Usage

```
<interface-cos-short-summary>
  <intf-cos-queue-type>
    intf-cos-queue-type
  </intf-cos-queue-type>
  <intf-cos-num-queues-supported>
    intf-cos-num-queues-supported
  </intf-cos-num-queues-supported>
  <intf-cos-num-queues-in-use>
    intf-cos-num-queues-in-use
  </intf-cos-num-queues-in-use>
</interface-cos-short-summary>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<queue-counters>
  <interface-cos-short-summary>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
  </interface-cos-short-summary>
</queue-counters>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<ingress-queue-counters>
  <interface-cos-short-summary>
    <intf-cos-queue-type>
      intf-cos-queue-type
```

```

</intf-cos-queue-type>
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
</interface-cos-short-summary>
</ingress-queue-counters>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<logical-interface>
<queue-counters>
  <interface-cos-short-summary>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
  </interface-cos-short-summary>
</queue-counters>
</logical-interface>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<logical-interface>
<ingress-queue-counters>
  <interface-cos-short-summary>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
  </interface-cos-short-summary>
</ingress-queue-counters>
</logical-interface>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<physical-interface>
  <queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </queue-counters>
</physical-interface>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<physical-interface>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<physical-interface>
  <logical-interface>
    <ingress-queue-counters>
```



```

<interface-cos-short-summary>
  <intf-cos-queue-type>
    intf-cos-queue-type
  </intf-cos-queue-type>
  <intf-cos-num-queues-supported>
    intf-cos-num-queues-supported
  </intf-cos-num-queues-supported>
  <intf-cos-num-queues-in-use>
    intf-cos-num-queues-in-use
  </intf-cos-num-queues-in-use>
</interface-cos-short-summary>
</ingress-queue-counters>
</logical-interface>
</physical-interface>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<physical-interface>
  <ingress-queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </ingress-queue-counters>
</physical-interface>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-set>
  <interface-set-queue-information>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
      </interface-cos-short-summary>
    </queue-counters>
  </interface-set-queue-information>
</interface-set>

```

```
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </interface-set-queue-information>
</interface-set>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-set>
  <interface-set-queue-information>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </interface-set-queue-information>
</interface-set>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <physical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </physical-interface>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <physical-interface>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <physical-interface>
  <logical-interface>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </logical-interface>
</physical-interface>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </physical-interface>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-information>
  <logical-interface>
    <ingress-queue-counters>
```

```

<interface-cos-short-summary>
  <intf-cos-queue-type>
    intf-cos-queue-type
  </intf-cos-queue-type>
  <intf-cos-num-queues-supported>
    intf-cos-num-queues-supported
  </intf-cos-num-queues-supported>
  <intf-cos-num-queues-in-use>
    intf-cos-num-queues-in-use
  </intf-cos-num-queues-in-use>
</interface-cos-short-summary>
</ingress-queue-counters>
</logical-interface>
</interface-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <queue-counters>
        <interface-cos-short-summary>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>
          <intf-cos-num-queues-supported>
            intf-cos-num-queues-supported
          </intf-cos-num-queues-supported>
          <intf-cos-num-queues-in-use>
            intf-cos-num-queues-in-use
          </intf-cos-num-queues-in-use>
        </interface-cos-short-summary>
      </queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <ingress-queue-counters>
        <interface-cos-short-summary>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>

```

```
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
</interface-cos-short-summary>
</ingress-queue-counters>
</interface-set-queue-information>
</interface-set>
</interface-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-filter-information>
<physical-interface>
  <queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </queue-counters>
</physical-interface>
</interface-filter-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-filter-information>
<physical-interface>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

```

        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-filter-information>
<physical-interface>
<logical-interface>
  <ingress-queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-filter-information>
<physical-interface>
  <ingress-queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </ingress-queue-counters>
</physical-interface>

```

```
</interface-filter-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-filter-information>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </logical-interface>
</interface-filter-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-filter-information>
  <logical-interface>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </logical-interface>
</interface-filter-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </queue-counters>
  </physical-interface>
</interface-policer-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <queue-counters>
        <interface-cos-short-summary>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>
          <intf-cos-num-queues-supported>
            intf-cos-num-queues-supported
          </intf-cos-num-queues-supported>
          <intf-cos-num-queues-in-use>
            intf-cos-num-queues-in-use
          </intf-cos-num-queues-in-use>
        </interface-cos-short-summary>
      </queue-counters>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>**Usage**

```

<interface-policer-information>

```

```
<physical-interface>
  <logical-interface>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
      </interface-cos-short-summary>
    </ingress-queue-counters>
  </physical-interface>
</interface-policer-information>
```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```
<interface-policer-information>
  <logical-interface>
    <queue-counters>
      <interface-cos-short-summary>
        <intf-cos-queue-type>
          intf-cos-queue-type
```

```

</intf-cos-queue-type>
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
</interface-cos-short-summary>
</queue-counters>
</logical-interface>
</interface-policer-information>

```

Description Summary of queue information on an interface

<interface-cos-short-summary>

Usage

```

<interface-policer-information>
<logical-interface>
  <ingress-queue-counters>
    <interface-cos-short-summary>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-short-summary>
  </ingress-queue-counters>
</logical-interface>
</interface-policer-information>

```

Description Summary of queue information on an interface

<interface-cos-summary>

Usage

```

<interface-cos-summary>
  <intf-cos-forwarding-classes-supported>
    intf-cos-forwarding-classes-supported
  </intf-cos-forwarding-classes-supported>
  <intf-cos-forwarding-classes-in-use>
    intf-cos-forwarding-classes-in-use
  </intf-cos-forwarding-classes-in-use>
  <intf-cos-queue-type>
    intf-cos-queue-type
  </intf-cos-queue-type>
  <intf-cos-num-queues-supported>
    intf-cos-num-queues-supported
  </intf-cos-num-queues-supported>

```

```
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ifl>
  intf-cos-burst-size-for-ifl
</intf-cos-burst-size-for-ifl>
</interface-cos-summary>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<queue-counters>
  <interface-cos-summary>
    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ifl>
      intf-cos-burst-size-for-ifl
    </intf-cos-burst-size-for-ifl>
  </interface-cos-summary>
</queue-counters>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<ingress-queue-counters>
  <interface-cos-summary>
    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
```

```

        intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
    </intf-cos-burst-size-for-ift>
</interface-cos-summary>
</ingress-queue-counters>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<logical-interface>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
      </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
  </queue-counters>
</logical-interface>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<logical-interface>
  <ingress-queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>

```

```
    intf-cos-forwarding-classes-in-use
  </intf-cos-forwarding-classes-in-use>
  <intf-cos-queue-type>
    intf-cos-queue-type
  </intf-cos-queue-type>
  <intf-cos-num-queues-supported>
    intf-cos-num-queues-supported
  </intf-cos-num-queues-supported>
  <intf-cos-num-queues-in-use>
    intf-cos-num-queues-in-use
  </intf-cos-num-queues-in-use>
  <intf-cos-burst-size-for-ifl>
    intf-cos-burst-size-for-ifl
  </intf-cos-burst-size-for-ifl>
</interface-cos-summary>
</ingress-queue-counters>
</logical-interface>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<physical-interface>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ifl>
        intf-cos-burst-size-for-ifl
      </intf-cos-burst-size-for-ifl>
    </interface-cos-summary>
  </queue-counters>
</physical-interface>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<physical-interface>
<logical-interface>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
      </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
  </queue-counters>
</logical-interface>
</physical-interface>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<physical-interface>
<logical-interface>
  <ingress-queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
    </interface-cos-summary>
  </ingress-queue-counters>
</logical-interface>
</physical-interface>

```

```
<intf-cos-burst-size-for-ifl>
  intf-cos-burst-size-for-ifl
</intf-cos-burst-size-for-ifl>
</interface-cos-summary>
</ingress-queue-counters>
</logical-interface>
</physical-interface>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<physical-interface>
<ingress-queue-counters>
  <interface-cos-summary>
    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ifl>
      intf-cos-burst-size-for-ifl
    </intf-cos-burst-size-for-ifl>
  </interface-cos-summary>
</ingress-queue-counters>
</physical-interface>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-set>
<interface-set-queue-information>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
```



```

<intf-cos-queue-type>
  intf-cos-queue-type
</intf-cos-queue-type>
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ifl>
  intf-cos-burst-size-for-ifl
</intf-cos-burst-size-for-ifl>
</interface-cos-summary>
</queue-counters>
</interface-set-queue-information>
</interface-set>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-set>
  <interface-set-queue-information>
    <ingress-queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ifl>
          intf-cos-burst-size-for-ifl
        </intf-cos-burst-size-for-ifl>
      </interface-cos-summary>
    </ingress-queue-counters>
  </interface-set-queue-information>
</interface-set>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
<physical-interface>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
      </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
  </queue-counters>
</physical-interface>
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
<physical-interface>
  <logical-interface>
    <queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
      </interface-cos-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-information>
```

```

        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
            intf-cos-burst-size-for-ift
        </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
</queue-counters>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-information>
<physical-interface>
<logical-interface>
    <ingress-queue-counters>
        <interface-cos-summary>
            <intf-cos-forwarding-classes-supported>
                intf-cos-forwarding-classes-supported
            </intf-cos-forwarding-classes-supported>
            <intf-cos-forwarding-classes-in-use>
                intf-cos-forwarding-classes-in-use
            </intf-cos-forwarding-classes-in-use>
            <intf-cos-queue-type>
                intf-cos-queue-type
            </intf-cos-queue-type>
            <intf-cos-num-queues-supported>
                intf-cos-num-queues-supported
            </intf-cos-num-queues-supported>
            <intf-cos-num-queues-in-use>
                intf-cos-num-queues-in-use
            </intf-cos-num-queues-in-use>
            <intf-cos-burst-size-for-ift>
                intf-cos-burst-size-for-ift
            </intf-cos-burst-size-for-ift>
        </interface-cos-summary>
    </ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-information>
<physical-interface>
<ingress-queue-counters>
    <interface-cos-summary>

```

```
<intf-cos-forwarding-classes-supported>
  intf-cos-forwarding-classes-supported
</intf-cos-forwarding-classes-supported>
<intf-cos-forwarding-classes-in-use>
  intf-cos-forwarding-classes-in-use
</intf-cos-forwarding-classes-in-use>
<intf-cos-queue-type>
  intf-cos-queue-type
</intf-cos-queue-type>
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ifl>
  intf-cos-burst-size-for-ifl
</intf-cos-burst-size-for-ifl>
</interface-cos-summary>
</ingress-queue-counters>
</physical-interface>
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
  <logical-interface>
    <queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ifl>
          intf-cos-burst-size-for-ifl
        </intf-cos-burst-size-for-ifl>
      </interface-cos-summary>
    </queue-counters>
  </logical-interface>
```

```
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
  <logical-interface>
    <ingress-queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
          intf-cos-burst-size-for-ift
        </intf-cos-burst-size-for-ift>
      </interface-cos-summary>
    </ingress-queue-counters>
  </logical-interface>
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <queue-counters>
        <interface-cos-summary>
          <intf-cos-forwarding-classes-supported>
            intf-cos-forwarding-classes-supported
          </intf-cos-forwarding-classes-supported>
          <intf-cos-forwarding-classes-in-use>
            intf-cos-forwarding-classes-in-use
          </intf-cos-forwarding-classes-in-use>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>
        </interface-cos-summary>
      </queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>
```

```
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ift>
  intf-cos-burst-size-for-ift
</intf-cos-burst-size-for-ift>
</interface-cos-summary>
</queue-counters>
</interface-set-queue-information>
</interface-set>
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <ingress-queue-counters>
        <interface-cos-summary>
          <intf-cos-forwarding-classes-supported>
            intf-cos-forwarding-classes-supported
          </intf-cos-forwarding-classes-supported>
          <intf-cos-forwarding-classes-in-use>
            intf-cos-forwarding-classes-in-use
          </intf-cos-forwarding-classes-in-use>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>
          <intf-cos-num-queues-supported>
            intf-cos-num-queues-supported
          </intf-cos-num-queues-supported>
          <intf-cos-num-queues-in-use>
            intf-cos-num-queues-in-use
          </intf-cos-num-queues-in-use>
          <intf-cos-burst-size-for-ift>
            intf-cos-burst-size-for-ift
          </intf-cos-burst-size-for-ift>
        </interface-cos-summary>
      </ingress-queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-filter-information>
  <physical-interface>
    <queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
          intf-cos-burst-size-for-ift
        </intf-cos-burst-size-for-ift>
      </interface-cos-summary>
    </queue-counters>
  </physical-interface>
</interface-filter-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <queue-counters>
        <interface-cos-summary>
          <intf-cos-forwarding-classes-supported>
            intf-cos-forwarding-classes-supported
          </intf-cos-forwarding-classes-supported>
          <intf-cos-forwarding-classes-in-use>
            intf-cos-forwarding-classes-in-use
          </intf-cos-forwarding-classes-in-use>
          <intf-cos-queue-type>
            intf-cos-queue-type
          </intf-cos-queue-type>
          <intf-cos-num-queues-supported>
            intf-cos-num-queues-supported
          </intf-cos-num-queues-supported>
          <intf-cos-num-queues-in-use>
            intf-cos-num-queues-in-use

```

```
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ift>
  intf-cos-burst-size-for-ift
</intf-cos-burst-size-for-ift>
</interface-cos-summary>
</queue-counters>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <ingress-queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
      </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
  </ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-filter-information>
<physical-interface>
  <ingress-queue-counters>
    <interface-cos-summary>
```



```

    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ifl>
      intf-cos-burst-size-for-ifl
    </intf-cos-burst-size-for-ifl>
  </interface-cos-summary>
</ingress-queue-counters>
</physical-interface>
</interface-filter-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-filter-information>
  <logical-interface>
    <queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ifl>
          intf-cos-burst-size-for-ifl
        </intf-cos-burst-size-for-ifl>
      </interface-cos-summary>
    </queue-counters>
  </logical-interface>

```

```
</interface-filter-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-filter-information>
<logical-interface>
  <ingress-queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
      <intf-cos-num-queues-in-use>
        intf-cos-num-queues-in-use
      </intf-cos-num-queues-in-use>
      <intf-cos-burst-size-for-ift>
        intf-cos-burst-size-for-ift
      </intf-cos-burst-size-for-ift>
    </interface-cos-summary>
  </ingress-queue-counters>
</logical-interface>
</interface-filter-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```
<interface-policer-information>
<physical-interface>
  <queue-counters>
    <interface-cos-summary>
      <intf-cos-forwarding-classes-supported>
        intf-cos-forwarding-classes-supported
      </intf-cos-forwarding-classes-supported>
      <intf-cos-forwarding-classes-in-use>
        intf-cos-forwarding-classes-in-use
      </intf-cos-forwarding-classes-in-use>
      <intf-cos-queue-type>
        intf-cos-queue-type
      </intf-cos-queue-type>
      <intf-cos-num-queues-supported>
```

```

        intf-cos-num-queues-supported
      </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ift>
      intf-cos-burst-size-for-ift
    </intf-cos-burst-size-for-ift>
  </interface-cos-summary>
</queue-counters>
</physical-interface>
</interface-policer-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
          intf-cos-burst-size-for-ift
        </intf-cos-burst-size-for-ift>
      </interface-cos-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-policer-information>

```

```

<physical-interface>
  <logical-interface>
    <ingress-queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
          intf-cos-burst-size-for-ift
        </intf-cos-burst-size-for-ift>
      </interface-cos-summary>
    </ingress-queue-counters>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ingress-queue-counters>
      <interface-cos-summary>
        <intf-cos-forwarding-classes-supported>
          intf-cos-forwarding-classes-supported
        </intf-cos-forwarding-classes-supported>
        <intf-cos-forwarding-classes-in-use>
          intf-cos-forwarding-classes-in-use
        </intf-cos-forwarding-classes-in-use>
        <intf-cos-queue-type>
          intf-cos-queue-type
        </intf-cos-queue-type>
        <intf-cos-num-queues-supported>
          intf-cos-num-queues-supported
        </intf-cos-num-queues-supported>
        <intf-cos-num-queues-in-use>
          intf-cos-num-queues-in-use
        </intf-cos-num-queues-in-use>
        <intf-cos-burst-size-for-ift>
          intf-cos-burst-size-for-ift

```

```

        </intf-cos-burst-size-for-ifl>
    </interface-cos-summary>
</ingress-queue-counters>
</physical-interface>
</interface-policer-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-policer-information>
<logical-interface>
<queue-counters>
  <interface-cos-summary>
    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>
    <intf-cos-queue-type>
      intf-cos-queue-type
    </intf-cos-queue-type>
    <intf-cos-num-queues-supported>
      intf-cos-num-queues-supported
    </intf-cos-num-queues-supported>
    <intf-cos-num-queues-in-use>
      intf-cos-num-queues-in-use
    </intf-cos-num-queues-in-use>
    <intf-cos-burst-size-for-ifl>
      intf-cos-burst-size-for-ifl
    </intf-cos-burst-size-for-ifl>
  </interface-cos-summary>
</queue-counters>
</logical-interface>
</interface-policer-information>

```

Description Summary of forwarding class and queue information on an interface

<interface-cos-summary>

Usage

```

<interface-policer-information>
<logical-interface>
<ingress-queue-counters>
  <interface-cos-summary>
    <intf-cos-forwarding-classes-supported>
      intf-cos-forwarding-classes-supported
    </intf-cos-forwarding-classes-supported>
    <intf-cos-forwarding-classes-in-use>
      intf-cos-forwarding-classes-in-use
    </intf-cos-forwarding-classes-in-use>

```

```
<intf-cos-queue-type>
  intf-cos-queue-type
</intf-cos-queue-type>
<intf-cos-num-queues-supported>
  intf-cos-num-queues-supported
</intf-cos-num-queues-supported>
<intf-cos-num-queues-in-use>
  intf-cos-num-queues-in-use
</intf-cos-num-queues-in-use>
<intf-cos-burst-size-for-ift>
  intf-cos-burst-size-for-ift
</intf-cos-burst-size-for-ift>
</interface-cos-summary>
</ingress-queue-counters>
</logical-interface>
</interface-policer-information>
```

Description Summary of forwarding class and queue information on an interface

<interface-filter-information>

Usage

```
<interface-filter-information>
  <physical-interface>....</physical-interface>
  <logical-interface>....</logical-interface>
</interface-filter-information>
```

Description

<interface-information>

Usage

```
<interface-information>
  <physical-interface>....</physical-interface>
  <logical-interface>....</logical-interface>
  <controller>....</controller>
  <interface-set>....</interface-set>
  <docsis-information>....</docsis-information>
</interface-information>
```

Description

<interface-location-name-information>

Usage

```
<interface-location-name-information>
  <location-name-information>....</location-name-information>
</interface-location-name-information>
```

Description

<interface-location-slot-information>**Usage**

```

<interface-location-slot-information>
  <location-slot-information>....</location-slot-information>
</interface-location-slot-information>

```

Description**<interface-policer-information>****Usage**

```

<interface-policer-information>
  <physical-interface>....</physical-interface>
  <logical-interface>....</logical-interface>
</interface-policer-information>

```

Description**<interface-set>****Usage**

```

<interface-set>
  <name>
    name
  </name>
  <interface-set-index>
    interface-set-index
  </interface-set-index>
  <interface-set-member-list>....</interface-set-member-list>
  <traffic-statistics>....</traffic-statistics>
  <interface-set-queue-information>....</interface-set-queue-information>
</interface-set>

```

Description**<interface-set>****Usage**

```

<interface-information>
  <interface-set>
    <name>
      name
    </name>
    <interface-set-index>
      interface-set-index
    </interface-set-index>
    <interface-set-member-list>....</interface-set-member-list>
    <traffic-statistics>....</traffic-statistics>
    <interface-set-queue-information>....</interface-set-queue-information>
  </interface-set>
</interface-information>

```

Description

<interface-set-member-list>

Usage

```
<interface-set>
  <interface-set-member-list>
    <interface-set-member>
      interface-set-member
    </interface-set-member>
  </interface-set-member-list>
</interface-set>
```

Description

<interface-set-member-list>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-member-list>
      <interface-set-member>
        interface-set-member
      </interface-set-member>
    </interface-set-member-list>
  </interface-set>
</interface-information>
```

Description

<interface-set-queue-information>

Usage

```
<interface-set>
  <interface-set-queue-information>
    <queue-counters>....</queue-counters>
    <ingress-queue-counters>....</ingress-queue-counters>
  </interface-set-queue-information>
</interface-set>
```

Description

<interface-set-queue-information>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <queue-counters>....</queue-counters>
      <ingress-queue-counters>....</ingress-queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>
```


Description**<interface-tx-queue>****Usage**

```
<ct3-information>
  <interface-tx-queue>
    <name>
      name
    </name>
    <bandwidth>
      bandwidth
    </bandwidth>
    <wrr>
      wrr
    </wrr>
    <output-packets>
      output-packets
    </output-packets>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-drops>
      output-drops
    </output-drops>
    <output-drops-bytes>
      output-drops-bytes
    </output-drops-bytes>
    <output-errors>
      output-errors
    </output-errors>
  </interface-tx-queue>
</ct3-information>
```

Description**<interface-tx-queue>****Usage**

```
<cds1-information>
  <interface-tx-queue>
    <name>
      name
    </name>
    <bandwidth>
      bandwidth
    </bandwidth>
    <wrr>
      wrr
    </wrr>
    <output-packets>
      output-packets
    </output-packets>
    <output-bytes>
      output-bytes
    </output-bytes>
```

```
</output-bytes>
<output-drops>
  output-drops
</output-drops>
<output-drops-bytes>
  output-drops-bytes
</output-drops-bytes>
<output-errors>
  output-errors
</output-errors>
</interface-tx-queue>
</cdsl-information>
```

Description

<interface-tx-queue>

Usage

```
<nxdsl-information>
  <interface-tx-queue>
    <name>
      name
    </name>
    <bandwidth>
      bandwidth
    </bandwidth>
    <wrr>
      wrr
    </wrr>
    <output-packets>
      output-packets
    </output-packets>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-drops>
      output-drops
    </output-drops>
    <output-drops-bytes>
      output-drops-bytes
    </output-drops-bytes>
    <output-errors>
      output-errors
    </output-errors>
  </interface-tx-queue>
</nxdsl-information>
```

Description

<interface-tx-queue>

Usage

```
<physical-interface>
  <ct3-information>
```

```

<interface-tx-queue>
  <name>
    name
  </name>
  <bandwidth>
    bandwidth
  </bandwidth>
  <wrr>
    wrr
  </wrr>
  <output-packets>
    output-packets
  </output-packets>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-drops>
    output-drops
  </output-drops>
  <output-drops-bytes>
    output-drops-bytes
  </output-drops-bytes>
  <output-errors>
    output-errors
  </output-errors>
</interface-tx-queue>
</ct3-information>
</physical-interface>

```

Description

<interface-tx-queue>

Usage

```

<physical-interface>
  <cdsl-information>
    <interface-tx-queue>
      <name>
        name
      </name>
      <bandwidth>
        bandwidth
      </bandwidth>
      <wrr>
        wrr
      </wrr>
      <output-packets>
        output-packets
      </output-packets>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-drops>
        output-drops
      </output-drops>
    </interface-tx-queue>
  </cdsl-information>
</physical-interface>

```

```
<output-drops-bytes>
  output-drops-bytes
</output-drops-bytes>
<output-errors>
  output-errors
</output-errors>
</interface-tx-queue>
</cds1-information>
</physical-interface>
```

Description

<interface-tx-queue>

Usage

```
<physical-interface>
  <nxd0-information>
    <interface-tx-queue>
      <name>
        name
      </name>
      <bandwidth>
        bandwidth
      </bandwidth>
      <wrr>
        wrr
      </wrr>
      <output-packets>
        output-packets
      </output-packets>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-drops>
        output-drops
      </output-drops>
      <output-drops-bytes>
        output-drops-bytes
      </output-drops-bytes>
      <output-errors>
        output-errors
      </output-errors>
    </interface-tx-queue>
  </nxd0-information>
</physical-interface>
```

Description

<interface-tx-queue>

Usage

```
<interface-information>
  <physical-interface>
    <ct3-information>
```

```

<interface-tx-queue>
  <name>
    name
  </name>
  <bandwidth>
    bandwidth
  </bandwidth>
  <wrr>
    wrr
  </wrr>
  <output-packets>
    output-packets
  </output-packets>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-drops>
    output-drops
  </output-drops>
  <output-drops-bytes>
    output-drops-bytes
  </output-drops-bytes>
  <output-errors>
    output-errors
  </output-errors>
</interface-tx-queue>
</ct3-information>
</physical-interface>
</interface-information>

```

Description

<interface-tx-queue>

Usage

```

<interface-information>
  <physical-interface>
    <cdsl-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>
          output-packets
        </output-packets>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-drops>

```

```
        output-drops
      </output-drops>
    <output-drops-bytes>
      output-drops-bytes
    </output-drops-bytes>
    <output-errors>
      output-errors
    </output-errors>
  </interface-tx-queue>
</cdsl-information>
</physical-interface>
</interface-information>
```

Description

<interface-tx-queue>

Usage

```
<interface-information>
  <physical-interface>
    <nxdsl-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>
          output-packets
        </output-packets>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-drops>
          output-drops
        </output-drops>
        <output-drops-bytes>
          output-drops-bytes
        </output-drops-bytes>
        <output-errors>
          output-errors
        </output-errors>
      </interface-tx-queue>
    </nxdsl-information>
  </physical-interface>
</interface-information>
```

Description

<interface-tx-queue>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ct3-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>
          output-packets
        </output-packets>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-drops>
          output-drops
        </output-drops>
        <output-drops-bytes>
          output-drops-bytes
        </output-drops-bytes>
        <output-errors>
          output-errors
        </output-errors>
      </interface-tx-queue>
    </ct3-information>
  </physical-interface>
</interface-filter-information>

```

Description

<interface-tx-queue>

Usage

```

<interface-filter-information>
  <physical-interface>
    <cds1-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>

```

```
    output-packets
  </output-packets>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-drops>
    output-drops
  </output-drops>
  <output-drops-bytes>
    output-drops-bytes
  </output-drops-bytes>
  <output-errors>
    output-errors
  </output-errors>
</interface-tx-queue>
</cds1-information>
</physical-interface>
</interface-filter-information>
```

Description

<interface-tx-queue>

Usage

```
<interface-filter-information>
  <physical-interface>
    <nxd0-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>
          output-packets
        </output-packets>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-drops>
          output-drops
        </output-drops>
        <output-drops-bytes>
          output-drops-bytes
        </output-drops-bytes>
        <output-errors>
          output-errors
        </output-errors>
      </interface-tx-queue>
    </nxd0-information>
  </physical-interface>
```



```
</interface-filter-information>
```

Description

<interface-tx-queue>

Usage

```
<interface-policer-information>
  <physical-interface>
    <ct3-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
        <wrr>
          wrr
        </wrr>
        <output-packets>
          output-packets
        </output-packets>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-drops>
          output-drops
        </output-drops>
        <output-drops-bytes>
          output-drops-bytes
        </output-drops-bytes>
        <output-errors>
          output-errors
        </output-errors>
      </interface-tx-queue>
    </ct3-information>
  </physical-interface>
</interface-policer-information>
```

Description

<interface-tx-queue>

Usage

```
<interface-policer-information>
  <physical-interface>
    <cds1-information>
      <interface-tx-queue>
        <name>
          name
        </name>
        <bandwidth>
          bandwidth
        </bandwidth>
```

```
</bandwidth>
<wrr>
  wrr
</wrr>
<output-packets>
  output-packets
</output-packets>
<output-bytes>
  output-bytes
</output-bytes>
<output-drops>
  output-drops
</output-drops>
<output-drops-bytes>
  output-drops-bytes
</output-drops-bytes>
<output-errors>
  output-errors
</output-errors>
</interface-tx-queue>
</cds1-information>
</physical-interface>
</interface-policer-information>
```

Description

<interface-tx-queue>

Usage

```
<interface-policer-information>
<physical-interface>
<nxds0-information>
  <interface-tx-queue>
    <name>
      name
    </name>
    <bandwidth>
      bandwidth
    </bandwidth>
    <wrr>
      wrr
    </wrr>
    <output-packets>
      output-packets
    </output-packets>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-drops>
      output-drops
    </output-drops>
    <output-drops-bytes>
      output-drops-bytes
    </output-drops-bytes>
    <output-errors>
```

```

        output-errors
      </output-errors>
    </interface-tx-queue>
  </nxds0-information>
</physical-interface>
</interface-policer-information>

```

Description**<interval>****Usage**

```

<interval-information>
  <interval>
    <range>
      range
    </range>
    <media-alarm>....</media-alarm>
  </interval>
</interval-information>

```

Description Statistics for a single interval**<interval>****Usage**

```

<physical-interface>
  <interval-information>
    <interval>
      <range>
        range
      </range>
      <media-alarm>....</media-alarm>
    </interval>
  </interval-information>
</physical-interface>

```

Description Statistics for a single interval**<interval>****Usage**

```

<interface-information>
  <physical-interface>
    <interval-information>
      <interval>
        <range>
          range
        </range>
        <media-alarm>....</media-alarm>
      </interval>
    </interval-information>
  </physical-interface>
</interface-information>

```

```
</physical-interface>
</interface-information>
```

Description Statistics for a single interval

<interval>

Usage

```
<interface-filter-information>
<physical-interface>
<interval-information>
<interval>
<range>
  range
</range>
<media-alarm>....</media-alarm>
</interval>
</interval-information>
</physical-interface>
</interface-filter-information>
```

Description Statistics for a single interval

<interval>

Usage

```
<interface-policer-information>
<physical-interface>
<interval-information>
<interval>
<range>
  range
</range>
<media-alarm>....</media-alarm>
</interval>
</interval-information>
</physical-interface>
</interface-policer-information>
```

Description Statistics for a single interval

<interval-information>

Usage

```
<interval-information>
<interval>....</interval>
</interval-information>
```

Description

<interval-information>**Usage**

```
<physical-interface>
  <interval-information>
    <interval>....</interval>
  </interval-information>
</physical-interface>
```

Description**<interval-information>****Usage**

```
<interface-information>
  <physical-interface>
    <interval-information>
      <interval>....</interval>
    </interval-information>
  </physical-interface>
</interface-information>
```

Description**<interval-information>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <interval-information>
      <interval>....</interval>
    </interval-information>
  </physical-interface>
</interface-filter-information>
```

Description**<interval-information>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <interval-information>
      <interval>....</interval>
    </interval-information>
  </physical-interface>
</interface-policer-information>
```

Description

<ipv4-multicast-statistics>

Usage

```
<multicast-statistics>
  <ipv4-multicast-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  </ipv4-multicast-statistics>
</multicast-statistics>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<logical-interface>
  <multicast-statistics>
    <ipv4-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
```

```

</input-packets>
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>

```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```

<physical-interface>
  <multicast-statistics>
    <ipv4-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
    </ipv4-multicast-statistics>
  </multicast-statistics>
</physical-interface>

```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <multicast-statistics>
    <ipv4-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
    </ipv4-multicast-statistics>
  </multicast-statistics>
</logical-interface>
</physical-interface>
```

Description IPV4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <multicast-statistics>
      <ipv4-multicast-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bytes>
          output-bytes
        </output-bytes>
```



```

    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  </ipv4-multicast-statistics>
</multicast-statistics>
</physical-interface>
</interface-information>

```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```

<interface-information>
<physical-interface>
<logical-interface>
<multicast-statistics>
  <ipv4-multicast-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  
```

```
</ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-information>
<logical-interface>
<multicast-statistics>
<ipv4-multicast-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-packets>
    output-packets
  </output-packets>
  <output-pps>
    output-pps
  </output-pps>
</ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</interface-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<multicast-statistics>
  <ipv4-multicast-statistics>
```

```

<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv4-multicast-statistics>
</multicast-statistics>
</physical-interface>
</interface-filter-information>

```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
  <multicast-statistics>
    <ipv4-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
    </ipv4-multicast-statistics>
  </multicast-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

```
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-filter-information>
<logical-interface>
<multicast-statistics>
  <ipv4-multicast-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  </ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</interface-filter-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <multicast-statistics>
      <ipv4-multicast-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
      </ipv4-multicast-statistics>
    </multicast-statistics>
  </physical-interface>
</interface-policer-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multicast-statistics>
        <ipv4-multicast-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
```

```
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description IPv4 multicast statistics for interface

<ipv4-multicast-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<multicast-statistics>
  <ipv4-multicast-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
```

```

    <output-pps>
      output-pps
    </output-pps>
  </ipv4-multicast-statistics>
</multicast-statistics>
</logical-interface>
</interface-policer-information>

```

Description IPv4 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<multicast-statistics>
  <ipv6-multicast-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  </ipv6-multicast-statistics>
</multicast-statistics>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<logical-interface>
  <multicast-statistics>
    <ipv6-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
    </ipv6-multicast-statistics>
  </multicast-statistics>
</logical-interface>

```

```
<input-bps>
  input-bps
</input-bps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv6-multicast-statistics>
</multicast-statistics>
</logical-interface>
```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<physical-interface>
  <multicast-statistics>
    <ipv6-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-packets>
        output-packets
      </output-packets>
```



```

        <output-pps>
        output-pps
      </output-pps>
    </ipv6-multicast-statistics>
  </multicast-statistics>
</physical-interface>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <multicast-statistics>
    <ipv6-multicast-statistics>
      <input-bytes>
      input-bytes
    </input-bytes>
      <input-bps>
      input-bps
    </input-bps>
      <output-bytes>
      output-bytes
    </output-bytes>
      <output-bps>
      output-bps
    </output-bps>
      <input-packets>
      input-packets
    </input-packets>
      <input-pps>
      input-pps
    </input-pps>
      <output-packets>
      output-packets
    </output-packets>
      <output-pps>
      output-pps
    </output-pps>
    </ipv6-multicast-statistics>
  </multicast-statistics>
</logical-interface>
</physical-interface>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <multicast-statistics>

```

```
<ipv6-multicast-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-packets>
    output-packets
  </output-packets>
  <output-pps>
    output-pps
  </output-pps>
</ipv6-multicast-statistics>
</multicast-statistics>
</physical-interface>
</interface-information>
```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multicast-statistics>
        <ipv6-multicast-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
          <input-packets>
            input-packets
```

```

        </input-packets>
        <input-pps>
            input-pps
        </input-pps>
        <output-packets>
            output-packets
        </output-packets>
        <output-pps>
            output-pps
        </output-pps>
    </ipv6-multicast-statistics>
</multicast-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <multicast-statistics>
      <ipv6-multicast-statistics>
        <input-bytes>
            input-bytes
        </input-bytes>
        <input-bps>
            input-bps
        </input-bps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
        <input-packets>
            input-packets
        </input-packets>
        <input-pps>
            input-pps
        </input-pps>
        <output-packets>
            output-packets
        </output-packets>
        <output-pps>
            output-pps
        </output-pps>
      </ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</interface-information>

```

Description IPV6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <multicast-statistics>
      <ipv6-multicast-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
      </ipv6-multicast-statistics>
    </multicast-statistics>
  </physical-interface>
</interface-filter-information>
```

Description IPV6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multicast-statistics>
        <ipv6-multicast-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
```

```

    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
  </ipv6-multicast-statistics>
</multicast-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <multicast-statistics>
      <ipv6-multicast-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</interface-filter-information>

```

```
<output-pps>
  output-pps
</output-pps>
</ipv6-multicast-statistics>
</multicast-statistics>
</logical-interface>
</interface-filter-information>
```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <multicast-statistics>
    <ipv6-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
    </ipv6-multicast-statistics>
  </multicast-statistics>
</physical-interface>
</interface-policer-information>
```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
```

```

<logical-interface>
  <multicast-statistics>
    <ipv6-multicast-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
    </ipv6-multicast-statistics>
  </multicast-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description IPv6 multicast statistics for interface

<ipv6-multicast-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multicast-statistics>
      <ipv6-multicast-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</interface-policer-information>

```

```
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
</ipv6-multicast-statistics>
</multicast-statistics>
</logical-interface>
</interface-policer-information>
```

Description IPv6 multicast statistics for interface

<ipv6-total-statistics>

Usage

```
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
```

Description

<ipv6-total-statistics>

Usage

```
<transit-traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
```



```

</input-packets>
<output-packets>
  output-packets
</output-packets>
</ipv6-total-statistics>
</transit-traffic-statistics>

```

Description

<ipv6-total-statistics>

Usage

```

<virtual-circuit-information>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</virtual-circuit-information>

```

Description

<ipv6-total-statistics>

Usage

```

<virtual-path-information>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>

```

</virtual-path-information>

Description

<ipv6-total-statistics>

Usage

```
<logical-interface>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
```

Description

<ipv6-total-statistics>

Usage

```
<logical-interface>
  <transit-traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </transit-traffic-statistics>
</logical-interface>
```

Description

<ipv6-total-statistics>**Usage**

```

<logical-interface>
<virtual-circuit-information>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</virtual-circuit-information>
</logical-interface>

```

Description**<ipv6-total-statistics>****Usage**

```

<physical-interface>
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
</physical-interface>

```

Description**<ipv6-total-statistics>****Usage**

```

<physical-interface>

```

```
<virtual-path-information>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</virtual-path-information>
</physical-interface>
```

Description

<ipv6-total-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<ipv6-total-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <transit-traffic-statistics>
```

```

<ipv6-total-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
</ipv6-total-statistics>
</transit-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description

<ipv6-total-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-set>
  <traffic-statistics>
    <ipv6-total-statistics>

```

```
<input-bytes>
  input-bytes
</input-bytes>
<output-bytes>
  output-bytes
</output-bytes>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
</ipv6-total-statistics>
</traffic-statistics>
</interface-set>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-information>
<physical-interface>
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
</physical-interface>
</interface-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-information>
<physical-interface>
<virtual-path-information>
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
```

```

    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
</virtual-path-information>
</physical-interface>
</interface-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-total-statistics>

```

```
<input-bytes>
  input-bytes
</input-bytes>
<output-bytes>
  output-bytes
</output-bytes>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
</ipv6-total-statistics>
</transit-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-information>
```



```

<logical-interface>
  <traffic-statistics>
    <ipv6-total-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</interface-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>

```

```
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-information>
  <interface-set>
    <traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </traffic-statistics>
  </interface-set>
</interface-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <traffic-statistics>
```

```

<ipv6-total-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
</ipv6-total-statistics>
</traffic-statistics>
</physical-interface>
</interface-filter-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-filter-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>

```

```
<traffic-statistics>
  <ipv6-total-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-total-statistics>
</traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-filter-information>
```

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description

<ipv6-total-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>
```

Description

<ipv6-total-statistics>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </traffic-statistics>
  </physical-interface>
</interface-policer-information>

```

Description**<ipv6-total-statistics>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-policer-information>

```

Description

<ipv6-total-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <transit-traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </transit-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```


Description

<ipv6-total-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<ipv6-total-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </traffic-statistics>
  </logical-interface>

```

</interface-policer-information>

Description

<ipv6-total-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-total-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-total-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description

<ipv6-total-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-total-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
```

```
</interface-policer-information>
```

Description

```
<ipv6-transit-statistics>
```

Usage

```
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
```

Description

```
<ipv6-transit-statistics>
```

Usage

```
<transit-traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</transit-traffic-statistics>
```

Description

```
<ipv6-transit-statistics>
```

Usage

```
<virtual-circuit-information>
  <traffic-statistics>
    <ipv6-transit-statistics>
```

```
<input-bytes>
  input-bytes
</input-bytes>
<output-bytes>
  output-bytes
</output-bytes>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
</ipv6-transit-statistics>
</traffic-statistics>
</virtual-circuit-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<virtual-path-information>
  <traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-transit-statistics>
  </traffic-statistics>
</virtual-path-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<logical-interface>
  <traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
```

```

    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</logical-interface>

```

Description

<ipv6-transit-statistics>

Usage

```

<logical-interface>
  <transit-traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-transit-statistics>
  </transit-traffic-statistics>
</logical-interface>

```

Description

<ipv6-transit-statistics>

Usage

```

<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets

```

```
</output-packets>
</ipv6-transit-statistics>
</traffic-statistics>
</virtual-circuit-information>
</logical-interface>
```

Description

<ipv6-transit-statistics>

Usage

```
<physical-interface>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</physical-interface>
```

Description

<ipv6-transit-statistics>

Usage

```
<physical-interface>
<virtual-path-information>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</virtual-path-information>
```

```
</physical-interface>
```

Description

<ipv6-transit-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-transit-statistics>
  </traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<ipv6-transit-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <transit-traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-transit-statistics>
  </transit-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description**<ipv6-transit-statistics>****Usage**

```
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <traffic-statistics>
    <ipv6-transit-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
    </ipv6-transit-statistics>
  </traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description**<ipv6-transit-statistics>****Usage**

```
<interface-set>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</interface-set>
```

Description

<ipv6-transit-statistics>**Usage**

```

<interface-information>
  <physical-interface>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </physical-interface>
</interface-information>

```

Description**<ipv6-transit-statistics>****Usage**

```

<interface-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-information>

```

Description

<ipv6-transit-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <transit-traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </transit-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </logical-interface>

```

```
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
```

```
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-information>
  <interface-set>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </interface-set>
</interface-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description**<ipv6-transit-statistics>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-filter-information>
```

Description**<ipv6-transit-statistics>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </logical-interface>
  </physical-interface>
```

```
</interface-filter-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <transit-traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </transit-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <traffic-statistics>
          <ipv6-transit-statistics>
            <input-bytes>
              input-bytes
            </input-bytes>
            <output-bytes>
              output-bytes
            </output-bytes>
            <input-packets>
              input-packets
            </input-packets>
            <output-packets>
              output-packets
            </output-packets>
          </ipv6-transit-statistics>
```

```

        </traffic-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <transit-traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```



```

    </transit-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <traffic-statistics>
      <ipv6-transit-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </ipv6-transit-statistics>
    </traffic-statistics>
  </physical-interface>
</interface-policer-information>

```

```
</traffic-statistics>
</physical-interface>
</interface-policer-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<virtual-path-information>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</virtual-path-information>
</physical-interface>
</interface-policer-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
```

```

    </ipv6-transit-statistics>
  </traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <transit-traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </transit-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <traffic-statistics>
          <ipv6-transit-statistics>
            <input-bytes>
              input-bytes
            </input-bytes>
            <output-bytes>
              output-bytes
            </output-bytes>
            <input-packets>
              input-packets
            </input-packets>
          </ipv6-transit-statistics>
        </traffic-statistics>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

```
<output-packets>
  output-packets
</output-packets>
</ipv6-transit-statistics>
</traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description

<ipv6-transit-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<transit-traffic-statistics>
  <ipv6-transit-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
```

```

    <output-packets>
      output-packets
    </output-packets>
  </ipv6-transit-statistics>
</transit-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description

<ipv6-transit-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <ipv6-transit-statistics>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-packets>
            input-packets
          </input-packets>
          <output-packets>
            output-packets
          </output-packets>
        </ipv6-transit-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-policer-information>

```

Description

<irb-domain>

Usage

```

<irb-domain>
  <irb-routing-instance>
    irb-routing-instance
  </irb-routing-instance>
  <irb-bridge>
    irb-bridge
  </irb-bridge>
</irb-domain>

```

Description

<irb-domain>

Usage

```
<logical-interface>
  <irb-domain>
    <irb-routing-instance>
      irb-routing-instance
    </irb-routing-instance>
    <irb-bridge>
      irb-bridge
    </irb-bridge>
  </irb-domain>
</logical-interface>
```

Description

<irb-domain>

Usage

```
<physical-interface>
  <logical-interface>
    <irb-domain>
      <irb-routing-instance>
        irb-routing-instance
      </irb-routing-instance>
      <irb-bridge>
        irb-bridge
      </irb-bridge>
    </irb-domain>
  </logical-interface>
</physical-interface>
```

Description

<irb-domain>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <irb-domain>
        <irb-routing-instance>
          irb-routing-instance
        </irb-routing-instance>
        <irb-bridge>
          irb-bridge
        </irb-bridge>
      </irb-domain>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<irb-domain>**Usage**

```

<interface-information>
  <logical-interface>
    <irb-domain>
      <irb-routing-instance>
        irb-routing-instance
      </irb-routing-instance>
      <irb-bridge>
        irb-bridge
      </irb-bridge>
    </irb-domain>
  </logical-interface>
</interface-information>

```

Description**<irb-domain>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <irb-domain>
        <irb-routing-instance>
          irb-routing-instance
        </irb-routing-instance>
        <irb-bridge>
          irb-bridge
        </irb-bridge>
      </irb-domain>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description**<irb-domain>****Usage**

```

<interface-filter-information>
  <logical-interface>
    <irb-domain>
      <irb-routing-instance>
        irb-routing-instance
      </irb-routing-instance>
      <irb-bridge>
        irb-bridge
      </irb-bridge>
    </irb-domain>
  </logical-interface>
</interface-filter-information>

```

Description**<irb-domain>****Usage**

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <irb-domain>
      <irb-routing-instance>
        irb-routing-instance
      </irb-routing-instance>
      <irb-bridge>
        irb-bridge
      </irb-bridge>
    </irb-domain>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description**<irb-domain>****Usage**

```
<interface-policer-information>
  <logical-interface>
    <irb-domain>
      <irb-routing-instance>
        irb-routing-instance
      </irb-routing-instance>
      <irb-bridge>
        irb-bridge
      </irb-bridge>
    </irb-domain>
  </logical-interface>
</interface-policer-information>
```

Description**<jswitch-port>****Usage**

```
<jswitch-port-information>
  <jswitch-port>
    <physical-interface-name>
      physical-interface-name
    </physical-interface-name>
    <port>
      port
    </port>
    <admin-state>
      admin-state
    </admin-state>
    <physical-link>
```



```

    physical-link
  </physical-link>
  <link-speed>
    link-speed
  </link-speed>
  <auto-negotiation>
    auto-negotiation
  </auto-negotiation>
  <link-duplexity>
    link-duplexity
  </link-duplexity>
  <port-mtu>
    port-mtu
  </port-mtu>
  <ethernet-mac-statistics>.....</ethernet-mac-statistics>
  <ethernet-autonegotiation>.....</ethernet-autonegotiation>
  <vlan-id>
    vlan-id
  </vlan-id>
  <default-vlan-id>
    default-vlan-id
  </default-vlan-id>
  <cascade-port>
    cascade-port
  </cascade-port>
</jswitch-port>
</jswitch-port-information>

```

Description

<jswitch-port-information>

Usage

```

<jswitch-port-information>
  <jswitch-port>.....</jswitch-port>
</jswitch-port-information>

```

Description

<keepalive-config>

Usage

```

<keepalive-config>
  <keepalive-interval>
    keepalive-interval
  </keepalive-interval>
  <keepalive-up-count>
    keepalive-up-count
  </keepalive-up-count>
  <keepalive-down-count>
    keepalive-down-count
  </keepalive-down-count>
</keepalive-config>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<logical-interface>
  <keepalive-config>
    <keepalive-interval>
      keepalive-interval
    </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</logical-interface>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<physical-interface>
  <keepalive-config>
    <keepalive-interval>
      keepalive-interval
    </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</physical-interface>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<physical-interface>
  <logical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
```

```

    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</logical-interface>
</physical-interface>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```

<interface-information>
<physical-interface>
  <keepalive-config>
    <keepalive-interval>
      keepalive-interval
    </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</physical-interface>
</interface-information>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```

<interface-information>
<physical-interface>
  <logical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
      <keepalive-down-count>
        keepalive-down-count
      </keepalive-down-count>
    </keepalive-config>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<interface-information>
  <logical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
      <keepalive-down-count>
        keepalive-down-count
      </keepalive-down-count>
    </keepalive-config>
  </logical-interface>
</interface-information>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<interface-filter-information>
  <physical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
      <keepalive-down-count>
        keepalive-down-count
      </keepalive-down-count>
    </keepalive-config>
  </physical-interface>
</interface-filter-information>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <keepalive-config>
        <keepalive-interval>
```

```

        keepalive-interval
      </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```

<interface-filter-information>
  <logical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
      <keepalive-down-count>
        keepalive-down-count
      </keepalive-down-count>
    </keepalive-config>
  </logical-interface>
</interface-filter-information>

```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```

<interface-policer-information>
  <physical-interface>
    <keepalive-config>
      <keepalive-interval>
        keepalive-interval
      </keepalive-interval>
      <keepalive-up-count>
        keepalive-up-count
      </keepalive-up-count>
      <keepalive-down-count>
        keepalive-down-count
      </keepalive-down-count>
    </keepalive-config>
  </physical-interface>

```

```
</interface-policer-information>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <keepalive-config>
    <keepalive-interval>
      keepalive-interval
    </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Configured keepalive settings on this interface

<keepalive-config>

Usage

```
<interface-policer-information>
<logical-interface>
  <keepalive-config>
    <keepalive-interval>
      keepalive-interval
    </keepalive-interval>
    <keepalive-up-count>
      keepalive-up-count
    </keepalive-up-count>
    <keepalive-down-count>
      keepalive-down-count
    </keepalive-down-count>
  </keepalive-config>
</logical-interface>
</interface-policer-information>
```

Description Configured keepalive settings on this interface

<keepalive-statistics>**Usage**

```

<keepalive-statistics>
  <keepalive-lmi-descriptor>
    keepalive-lmi-descriptor
  </keepalive-lmi-descriptor>
  <keepalive-input-count>
    keepalive-input-count
  </keepalive-input-count>
  <keepalive-input-time>
    keepalive-input-time
  </keepalive-input-time>
  <keepalive-output-count>
    keepalive-output-count
  </keepalive-output-count>
  <keepalive-output-time>
    keepalive-output-time
  </keepalive-output-time>
</keepalive-statistics>

```

Description Keepalive statistics for this interface

<keepalive-statistics>**Usage**

```

<logical-interface>
  <keepalive-statistics>
    <keepalive-lmi-descriptor>
      keepalive-lmi-descriptor
    </keepalive-lmi-descriptor>
    <keepalive-input-count>
      keepalive-input-count
    </keepalive-input-count>
    <keepalive-input-time>
      keepalive-input-time
    </keepalive-input-time>
    <keepalive-output-count>
      keepalive-output-count
    </keepalive-output-count>
    <keepalive-output-time>
      keepalive-output-time
    </keepalive-output-time>
  </keepalive-statistics>
</logical-interface>

```

Description Keepalive statistics for this interface

<keepalive-statistics>**Usage**

```

<physical-interface>

```

```
<keepalive-statistics>
  <keepalive-lmi-descriptor>
    keepalive-lmi-descriptor
  </keepalive-lmi-descriptor>
  <keepalive-input-count>
    keepalive-input-count
  </keepalive-input-count>
  <keepalive-input-time>
    keepalive-input-time
  </keepalive-input-time>
  <keepalive-output-count>
    keepalive-output-count
  </keepalive-output-count>
  <keepalive-output-time>
    keepalive-output-time
  </keepalive-output-time>
</keepalive-statistics>
</physical-interface>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <keepalive-statistics>
      <keepalive-lmi-descriptor>
        keepalive-lmi-descriptor
      </keepalive-lmi-descriptor>
      <keepalive-input-count>
        keepalive-input-count
      </keepalive-input-count>
      <keepalive-input-time>
        keepalive-input-time
      </keepalive-input-time>
      <keepalive-output-count>
        keepalive-output-count
      </keepalive-output-count>
      <keepalive-output-time>
        keepalive-output-time
      </keepalive-output-time>
    </keepalive-statistics>
  </logical-interface>
</physical-interface>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-information>
  <physical-interface>
```



```

<keepalive-statistics>
  <keepalive-lmi-descriptor>
    keepalive-lmi-descriptor
  </keepalive-lmi-descriptor>
  <keepalive-input-count>
    keepalive-input-count
  </keepalive-input-count>
  <keepalive-input-time>
    keepalive-input-time
  </keepalive-input-time>
  <keepalive-output-count>
    keepalive-output-count
  </keepalive-output-count>
  <keepalive-output-time>
    keepalive-output-time
  </keepalive-output-time>
</keepalive-statistics>
</physical-interface>
</interface-information>

```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <keepalive-statistics>
        <keepalive-lmi-descriptor>
          keepalive-lmi-descriptor
        </keepalive-lmi-descriptor>
        <keepalive-input-count>
          keepalive-input-count
        </keepalive-input-count>
        <keepalive-input-time>
          keepalive-input-time
        </keepalive-input-time>
        <keepalive-output-count>
          keepalive-output-count
        </keepalive-output-count>
        <keepalive-output-time>
          keepalive-output-time
        </keepalive-output-time>
      </keepalive-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-information>
<logical-interface>
  <keepalive-statistics>
    <keepalive-lmi-descriptor>
      keepalive-lmi-descriptor
    </keepalive-lmi-descriptor>
    <keepalive-input-count>
      keepalive-input-count
    </keepalive-input-count>
    <keepalive-input-time>
      keepalive-input-time
    </keepalive-input-time>
    <keepalive-output-count>
      keepalive-output-count
    </keepalive-output-count>
    <keepalive-output-time>
      keepalive-output-time
    </keepalive-output-time>
  </keepalive-statistics>
</logical-interface>
</interface-information>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
  <keepalive-statistics>
    <keepalive-lmi-descriptor>
      keepalive-lmi-descriptor
    </keepalive-lmi-descriptor>
    <keepalive-input-count>
      keepalive-input-count
    </keepalive-input-count>
    <keepalive-input-time>
      keepalive-input-time
    </keepalive-input-time>
    <keepalive-output-count>
      keepalive-output-count
    </keepalive-output-count>
    <keepalive-output-time>
      keepalive-output-time
    </keepalive-output-time>
  </keepalive-statistics>
</physical-interface>
</interface-filter-information>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <keepalive-statistics>
        <keepalive-lmi-descriptor>
          keepalive-lmi-descriptor
        </keepalive-lmi-descriptor>
        <keepalive-input-count>
          keepalive-input-count
        </keepalive-input-count>
        <keepalive-input-time>
          keepalive-input-time
        </keepalive-input-time>
        <keepalive-output-count>
          keepalive-output-count
        </keepalive-output-count>
        <keepalive-output-time>
          keepalive-output-time
        </keepalive-output-time>
      </keepalive-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <keepalive-statistics>
      <keepalive-lmi-descriptor>
        keepalive-lmi-descriptor
      </keepalive-lmi-descriptor>
      <keepalive-input-count>
        keepalive-input-count
      </keepalive-input-count>
      <keepalive-input-time>
        keepalive-input-time
      </keepalive-input-time>
      <keepalive-output-count>
        keepalive-output-count
      </keepalive-output-count>
      <keepalive-output-time>
        keepalive-output-time
      </keepalive-output-time>
    </keepalive-statistics>
  </logical-interface>
```

```
</interface-filter-information>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <keepalive-statistics>
    <keepalive-lmi-descriptor>
      keepalive-lmi-descriptor
    </keepalive-lmi-descriptor>
    <keepalive-input-count>
      keepalive-input-count
    </keepalive-input-count>
    <keepalive-input-time>
      keepalive-input-time
    </keepalive-input-time>
    <keepalive-output-count>
      keepalive-output-count
    </keepalive-output-count>
    <keepalive-output-time>
      keepalive-output-time
    </keepalive-output-time>
  </keepalive-statistics>
</physical-interface>
</interface-policer-information>
```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <keepalive-statistics>
      <keepalive-lmi-descriptor>
        keepalive-lmi-descriptor
      </keepalive-lmi-descriptor>
      <keepalive-input-count>
        keepalive-input-count
      </keepalive-input-count>
      <keepalive-input-time>
        keepalive-input-time
      </keepalive-input-time>
      <keepalive-output-count>
        keepalive-output-count
      </keepalive-output-count>
      <keepalive-output-time>
        keepalive-output-time
      </keepalive-output-time>
    </keepalive-statistics>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

```

    </keepalive-statistics>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Keepalive statistics for this interface

<keepalive-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <keepalive-statistics>
      <keepalive-lmi-descriptor>
        keepalive-lmi-descriptor
      </keepalive-lmi-descriptor>
      <keepalive-input-count>
        keepalive-input-count
      </keepalive-input-count>
      <keepalive-input-time>
        keepalive-input-time
      </keepalive-input-time>
      <keepalive-output-count>
        keepalive-output-count
      </keepalive-output-count>
      <keepalive-output-time>
        keepalive-output-time
      </keepalive-output-time>
    </keepalive-statistics>
  </logical-interface>
</interface-policer-information>

```

Description Keepalive statistics for this interface

<l2circuit-info>

Usage

```

<l2circuit-info>
  <cell-bundle-size>
    cell-bundle-size
  </cell-bundle-size>
  <cell-bundle-timeout>
    cell-bundle-timeout
  </cell-bundle-timeout>
  <cell-timeout-count>
    cell-timeout-count
  </cell-timeout-count>
  <out-of-sequence>
    out-of-sequence
  </out-of-sequence>
</l2circuit-info>

```

Description**<l2circuit-info>****Usage**

```
<logical-interface>
  <l2circuit-info>
    <cell-bundle-size>
      cell-bundle-size
    </cell-bundle-size>
    <cell-bundle-timeout>
      cell-bundle-timeout
    </cell-bundle-timeout>
    <cell-timeout-count>
      cell-timeout-count
    </cell-timeout-count>
    <out-of-sequence>
      out-of-sequence
    </out-of-sequence>
  </l2circuit-info>
</logical-interface>
```

Description**<l2circuit-info>****Usage**

```
<physical-interface>
  <logical-interface>
    <l2circuit-info>
      <cell-bundle-size>
        cell-bundle-size
      </cell-bundle-size>
      <cell-bundle-timeout>
        cell-bundle-timeout
      </cell-bundle-timeout>
      <cell-timeout-count>
        cell-timeout-count
      </cell-timeout-count>
      <out-of-sequence>
        out-of-sequence
      </out-of-sequence>
    </l2circuit-info>
  </logical-interface>
</physical-interface>
```

Description**<l2circuit-info>****Usage**

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <l2circuit-info>
```

```

    <cell-bundle-size>
      cell-bundle-size
    </cell-bundle-size>
    <cell-bundle-timeout>
      cell-bundle-timeout
    </cell-bundle-timeout>
    <cell-timeout-count>
      cell-timeout-count
    </cell-timeout-count>
    <out-of-sequence>
      out-of-sequence
    </out-of-sequence>
  </l2circuit-info>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<l2circuit-info>

Usage

```

<interface-information>
  <logical-interface>
    <l2circuit-info>
      <cell-bundle-size>
        cell-bundle-size
      </cell-bundle-size>
      <cell-bundle-timeout>
        cell-bundle-timeout
      </cell-bundle-timeout>
      <cell-timeout-count>
        cell-timeout-count
      </cell-timeout-count>
      <out-of-sequence>
        out-of-sequence
      </out-of-sequence>
    </l2circuit-info>
  </logical-interface>
</interface-information>

```

Description

<l2circuit-info>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <l2circuit-info>
        <cell-bundle-size>
          cell-bundle-size
        </cell-bundle-size>
        <cell-bundle-timeout>

```

```
        cell-bundle-timeout
      </cell-bundle-timeout>
    <cell-timeout-count>
      cell-timeout-count
    </cell-timeout-count>
    <out-of-sequence>
      out-of-sequence
    </out-of-sequence>
  </l2circuit-info>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<l2circuit-info>

Usage

```
<interface-filter-information>
  <logical-interface>
    <l2circuit-info>
      <cell-bundle-size>
        cell-bundle-size
      </cell-bundle-size>
      <cell-bundle-timeout>
        cell-bundle-timeout
      </cell-bundle-timeout>
      <cell-timeout-count>
        cell-timeout-count
      </cell-timeout-count>
      <out-of-sequence>
        out-of-sequence
      </out-of-sequence>
    </l2circuit-info>
  </logical-interface>
</interface-filter-information>
```

Description

<l2circuit-info>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <l2circuit-info>
        <cell-bundle-size>
          cell-bundle-size
        </cell-bundle-size>
        <cell-bundle-timeout>
          cell-bundle-timeout
        </cell-bundle-timeout>
        <cell-timeout-count>
          cell-timeout-count
        </cell-timeout-count>
      </l2circuit-info>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```



```

    </cell-timeout-count>
    <out-of-sequence>
      out-of-sequence
    </out-of-sequence>
  </l2circuit-info>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<l2circuit-info>

Usage

```

<interface-policer-information>
  <logical-interface>
    <l2circuit-info>
      <cell-bundle-size>
        cell-bundle-size
      </cell-bundle-size>
      <cell-bundle-timeout>
        cell-bundle-timeout
      </cell-bundle-timeout>
      <cell-timeout-count>
        cell-timeout-count
      </cell-timeout-count>
      <out-of-sequence>
        out-of-sequence
      </out-of-sequence>
    </l2circuit-info>
  </logical-interface>
</interface-policer-information>

```

Description

<lag-bundle>

Usage

```

<lag-traffic-statistics>
  <lag-bundle>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
  </lag-bundle>
</lag-traffic-statistics>

```

```
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-bundle>
</lag-traffic-statistics>
```

Description

<lag-bundle>

Usage

```
<logical-interface>
<lag-traffic-statistics>
  <lag-bundle>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-bundle>
</lag-traffic-statistics>
</logical-interface>
```

Description

<lag-bundle>**Usage**

```

<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </lag-bundle>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description**<lag-bundle>****Usage**

```

<interface-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-bytes>
        input-bytes
      </input-bytes>
    </lag-bundle>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>

```

```
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-bundle>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<lag-bundle>

Usage

```
<interface-information>
<logical-interface>
<lag-traffic-statistics>
<lag-bundle>
  <input-packets>
    input-packets
  </input-packets>
  <input-pps>
    input-pps
  </input-pps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-packets>
    output-packets
  </output-packets>
  <output-pps>
    output-pps
  </output-pps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</lag-bundle>
```

```

    </lag-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<lag-bundle>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-bundle>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-packets>
            output-packets
          </output-packets>
          <output-pps>
            output-pps
          </output-pps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </lag-bundle>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<lag-bundle>

Usage

```

<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-bundle>
        <input-packets>

```

```
    input-packets
  </input-packets>
  <input-pps>
    input-pps
  </input-pps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-packets>
    output-packets
  </output-packets>
  <output-pps>
    output-pps
  </output-pps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</lag-bundle>
</lag-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description

<lag-bundle>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-bundle>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-packets>
            output-packets
          </output-packets>
          <output-pps>
            output-pps
```

```

        </output-pps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
    </lag-bundle>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<lag-bundle>

Usage

```

<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-bundle>
        <input-packets>
            input-packets
        </input-packets>
        <input-pps>
            input-pps
        </input-pps>
        <input-bytes>
            input-bytes
        </input-bytes>
        <input-bps>
            input-bps
        </input-bps>
        <output-packets>
            output-packets
        </output-packets>
        <output-pps>
            output-pps
        </output-pps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
      </lag-bundle>
    </lag-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description

<lag-ipv4-multicast-statistics>

Usage

```
<lag-traffic-statistics>
  <lag-multicast-statistics>
    <lag-ipv4-multicast-statistics>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-packets>
        output-packets
      </output-packets>
      <output-pps>
        output-pps
      </output-pps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </lag-ipv4-multicast-statistics>
  </lag-multicast-statistics>
</lag-traffic-statistics>
```

Description

<lag-ipv4-multicast-statistics>

Usage

```
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv4-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
```



```

    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>

```

Description

<lag-ipv4-multicast-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv4-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lag-ipv4-multicast-statistics>
    </lag-multicast-statistics>
  </lag-traffic-statistics>
</logical-interface>

```

</physical-interface>

Description

<lag-ipv4-multicast-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-multicast-statistics>
          <lag-ipv4-multicast-statistics>
            <input-packets>
              input-packets
            </input-packets>
            <input-pps>
              input-pps
            </input-pps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-packets>
              output-packets
            </output-packets>
            <output-pps>
              output-pps
            </output-pps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </lag-ipv4-multicast-statistics>
        </lag-multicast-statistics>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description

<lag-ipv4-multicast-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-ipv4-multicast-statistics>
```

```

    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</interface-information>

```

Description

<lag-ipv4-multicast-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-ipv4-multicast-statistics>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-packets>
            output-packets

```

```
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<lag-ipv4-multicast-statistics>

Usage

```
<interface-filter-information>
<logical-interface>
<lag-traffic-statistics>
<lag-multicast-statistics>
  <lag-ipv4-multicast-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
```

</interface-filter-information>

Description

<lag-ipv4-multicast-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<lag-traffic-statistics>
<lag-multicast-statistics>
  <lag-ipv4-multicast-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<lag-ipv4-multicast-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
<lag-traffic-statistics>
  <lag-multicast-statistics>
    <lag-ipv4-multicast-statistics>
```

```
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv4-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description

<lag-ipv6-multicast-statistics>

Usage

```
<lag-traffic-statistics>
<lag-multicast-statistics>
  <lag-ipv6-multicast-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
```

```

</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>

```

Description

<lag-ipv6-multicast-statistics>

Usage

```

<logical-interface>
<lag-traffic-statistics>
<lag-multicast-statistics>
  <lag-ipv6-multicast-statistics>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>

```

Description

<lag-ipv6-multicast-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv6-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lag-ipv6-multicast-statistics>
    </lag-multicast-statistics>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<lag-ipv6-multicast-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv6-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
```



```

<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<lag-ipv6-multicast-statistics>

Usage

```

<interface-information>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv6-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes

```

```
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</interface-information>
```

Description

<lag-ipv6-multicast-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv6-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lag-ipv6-multicast-statistics>
    </lag-multicast-statistics>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<lag-ipv6-multicast-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-ipv6-multicast-statistics>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-packets>
            output-packets
          </output-packets>
          <output-pps>
            output-pps
          </output-pps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </lag-ipv6-multicast-statistics>
      </lag-multicast-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description

<lag-ipv6-multicast-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-multicast-statistics>
          <lag-ipv6-multicast-statistics>
            <input-packets>
              input-packets
            </input-packets>
            <input-pps>
              input-pps
            </input-pps>

```

```
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<lag-ipv6-multicast-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-ipv6-multicast-statistics>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
```

```

        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
    </lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description

<lag-lACP-info>

Usage

```

<lag-lACP-info>
  <name>
    name
  </name>
  <lACP-role>
    lACP-role
  </lACP-role>
  <lACP-sys-priority>
    lACP-sys-priority
  </lACP-sys-priority>
  <lACP-system-id>
    lACP-system-id
  </lACP-system-id>
  <lACP-port-priority>
    lACP-port-priority
  </lACP-port-priority>
  <lACP-port-number>
    lACP-port-number
  </lACP-port-number>
  <lACP-port-key>
    lACP-port-key
  </lACP-port-key>
</lag-lACP-info>

```

Description LACP information

<lag-lACP-info>

Usage

```

<lag-traffic-statistics>
  <lag-lACP-info>
    <name>
      name
    </name>
    <lACP-role>
      lACP-role
    </lACP-role>
    <lACP-sys-priority>
      lACP-sys-priority

```

```
</lacp-sys-priority>
<lacp-system-id>
  lacp-system-id
</lacp-system-id>
<lacp-port-priority>
  lacp-port-priority
</lacp-port-priority>
<lacp-port-number>
  lacp-port-number
</lacp-port-number>
<lacp-port-key>
  lacp-port-key
</lacp-port-key>
</lag-lACP-info>
</lag-traffic-statistics>
```

Description LACP information

<lag-lACP-info>

Usage

```
<logical-interface>
<lag-traffic-statistics>
  <lag-lACP-info>
    <name>
      name
    </name>
    <lacp-role>
      lacp-role
    </lacp-role>
    <lacp-sys-priority>
      lacp-sys-priority
    </lacp-sys-priority>
    <lacp-system-id>
      lacp-system-id
    </lacp-system-id>
    <lacp-port-priority>
      lacp-port-priority
    </lacp-port-priority>
    <lacp-port-number>
      lacp-port-number
    </lacp-port-number>
    <lacp-port-key>
      lacp-port-key
    </lacp-port-key>
  </lag-lACP-info>
</lag-traffic-statistics>
</logical-interface>
```

Description LACP information

<lag-lacp-info>**Usage**

```

<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-lacp-info>
      <name>
        name
      </name>
      <lacp-role>
        lacp-role
      </lacp-role>
      <lacp-sys-priority>
        lacp-sys-priority
      </lacp-sys-priority>
      <lacp-system-id>
        lacp-system-id
      </lacp-system-id>
      <lacp-port-priority>
        lacp-port-priority
      </lacp-port-priority>
      <lacp-port-number>
        lacp-port-number
      </lacp-port-number>
      <lacp-port-key>
        lacp-port-key
      </lacp-port-key>
    </lag-lacp-info>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description LACP information

<lag-lacp-info>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lacp-info>
          <name>
            name
          </name>
          <lacp-role>
            lacp-role
          </lacp-role>
          <lacp-sys-priority>
            lacp-sys-priority
          </lacp-sys-priority>
          <lacp-system-id>
            lacp-system-id

```

```
</lacp-system-id>
<lacp-port-priority>
  lacp-port-priority
</lacp-port-priority>
<lacp-port-number>
  lacp-port-number
</lacp-port-number>
<lacp-port-key>
  lacp-port-key
</lacp-port-key>
</lag-lACP-info>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description LACP information

<lag-lACP-info>

Usage

```
<interface-information>
<logical-interface>
<lag-traffic-statistics>
<lag-lACP-info>
  <name>
    name
  </name>
  <lacp-role>
    lacp-role
  </lacp-role>
  <lacp-sys-priority>
    lacp-sys-priority
  </lacp-sys-priority>
  <lacp-system-id>
    lacp-system-id
  </lacp-system-id>
  <lacp-port-priority>
    lacp-port-priority
  </lacp-port-priority>
  <lacp-port-number>
    lacp-port-number
  </lacp-port-number>
  <lacp-port-key>
    lacp-port-key
  </lacp-port-key>
</lag-lACP-info>
</lag-traffic-statistics>
</logical-interface>
</interface-information>
```

Description LACP information

<lag-lACP-info>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lACP-info>
          <name>
            name
          </name>
          <lACP-role>
            lACP-role
          </lACP-role>
          <lACP-sys-priority>
            lACP-sys-priority
          </lACP-sys-priority>
          <lACP-system-id>
            lACP-system-id
          </lACP-system-id>
          <lACP-port-priority>
            lACP-port-priority
          </lACP-port-priority>
          <lACP-port-number>
            lACP-port-number
          </lACP-port-number>
          <lACP-port-key>
            lACP-port-key
          </lACP-port-key>
        </lag-lACP-info>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description LACP information

<lag-lACP-info>

Usage

```

<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-info>
        <name>
          name
        </name>
        <lACP-role>
          lACP-role
        </lACP-role>
        <lACP-sys-priority>
          lACP-sys-priority
        </lACP-sys-priority>
        <lACP-system-id>

```

```
    lacp-system-id
  </lacp-system-id>
  <lacp-port-priority>
    lacp-port-priority
  </lacp-port-priority>
  <lacp-port-number>
    lacp-port-number
  </lacp-port-number>
  <lacp-port-key>
    lacp-port-key
  </lacp-port-key>
</lag-lacp-info>
</lag-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description LACP information

<lag-lacp-info>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lacp-info>
          <name>
            name
          </name>
          <lacp-role>
            lacp-role
          </lacp-role>
          <lacp-sys-priority>
            lacp-sys-priority
          </lacp-sys-priority>
          <lacp-system-id>
            lacp-system-id
          </lacp-system-id>
          <lacp-port-priority>
            lacp-port-priority
          </lacp-port-priority>
          <lacp-port-number>
            lacp-port-number
          </lacp-port-number>
          <lacp-port-key>
            lacp-port-key
          </lacp-port-key>
        </lag-lacp-info>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description LACP information

<lag-lACP-info>

Usage

```
<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-info>
        <name>
          name
        </name>
        <lacp-role>
          lacp-role
        </lacp-role>
        <lacp-sys-priority>
          lacp-sys-priority
        </lacp-sys-priority>
        <lacp-system-id>
          lacp-system-id
        </lacp-system-id>
        <lacp-port-priority>
          lacp-port-priority
        </lacp-port-priority>
        <lacp-port-number>
          lacp-port-number
        </lacp-port-number>
        <lacp-port-key>
          lacp-port-key
        </lacp-port-key>
      </lag-lACP-info>
    </lag-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description LACP information

<lag-lACP-protocol>

Usage

```
<lag-lACP-protocol>
  <name>
    name
  </name>
  <lacp-receive-state>
    lacp-receive-state
  </lacp-receive-state>
  <lacp-transmit-state>
    lacp-transmit-state
  </lacp-transmit-state>
  <lacp-mux-state>
    lacp-mux-state
  </lacp-mux-state>
```

```
</lag-lacp-protocol>
```

Description LACP protocol information

<lag-lacp-protocol>

Usage

```
<lag-traffic-statistics>
  <lag-lacp-protocol>
    <name>
      name
    </name>
    <lacp-receive-state>
      lacp-receive-state
    </lacp-receive-state>
    <lacp-transmit-state>
      lacp-transmit-state
    </lacp-transmit-state>
    <lacp-mux-state>
      lacp-mux-state
    </lacp-mux-state>
  </lag-lacp-protocol>
</lag-traffic-statistics>
```

Description LACP protocol information

<lag-lacp-protocol>

Usage

```
<logical-interface>
  <lag-traffic-statistics>
    <lag-lacp-protocol>
      <name>
        name
      </name>
      <lacp-receive-state>
        lacp-receive-state
      </lacp-receive-state>
      <lacp-transmit-state>
        lacp-transmit-state
      </lacp-transmit-state>
      <lacp-mux-state>
        lacp-mux-state
      </lacp-mux-state>
    </lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
```

Description LACP protocol information

<lag-lacp-protocol>**Usage**

```

<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-lacp-protocol>
      <name>
        name
      </name>
      <lacp-receive-state>
        lacp-receive-state
      </lacp-receive-state>
      <lacp-transmit-state>
        lacp-transmit-state
      </lacp-transmit-state>
      <lacp-mux-state>
        lacp-mux-state
      </lacp-mux-state>
    </lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description LACP protocol information

<lag-lacp-protocol>**Usage**

```

<interface-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-lacp-protocol>
      <name>
        name
      </name>
      <lacp-receive-state>
        lacp-receive-state
      </lacp-receive-state>
      <lacp-transmit-state>
        lacp-transmit-state
      </lacp-transmit-state>
      <lacp-mux-state>
        lacp-mux-state
      </lacp-mux-state>
    </lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description LACP protocol information

<lag-lACP-protocol>

Usage

```
<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-protocol>
        <name>
          name
        </name>
        <lacp-receive-state>
          lacp-receive-state
        </lacp-receive-state>
        <lacp-transmit-state>
          lacp-transmit-state
        </lacp-transmit-state>
        <lacp-mux-state>
          lacp-mux-state
        </lacp-mux-state>
      </lag-lACP-protocol>
    </lag-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description LACP protocol information

<lag-lACP-protocol>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lACP-protocol>
          <name>
            name
          </name>
          <lacp-receive-state>
            lacp-receive-state
          </lacp-receive-state>
          <lacp-transmit-state>
            lacp-transmit-state
          </lacp-transmit-state>
          <lacp-mux-state>
            lacp-mux-state
          </lacp-mux-state>
        </lag-lACP-protocol>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description LACP protocol information

<lag-lACP-protocol>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-protocol>
        <name>
          name
        </name>
        <lacp-receive-state>
          lacp-receive-state
        </lacp-receive-state>
        <lacp-transmit-state>
          lacp-transmit-state
        </lacp-transmit-state>
        <lacp-mux-state>
          lacp-mux-state
        </lacp-mux-state>
      </lag-lACP-protocol>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description LACP protocol information

<lag-lACP-protocol>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lACP-protocol>
          <name>
            name
          </name>
          <lacp-receive-state>
            lacp-receive-state
          </lacp-receive-state>
          <lacp-transmit-state>
            lacp-transmit-state
          </lacp-transmit-state>
          <lacp-mux-state>
            lacp-mux-state
          </lacp-mux-state>
        </lag-lACP-protocol>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description LACP protocol information

<lag-lACP-protocol>

Usage

```
<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-protocol>
        <name>
          name
        </name>
        <lacp-receive-state>
          lacp-receive-state
        </lacp-receive-state>
        <lacp-transmit-state>
          lacp-transmit-state
        </lacp-transmit-state>
        <lacp-mux-state>
          lacp-mux-state
        </lacp-mux-state>
      </lag-lACP-protocol>
    </lag-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description LACP protocol information

<lag-lACP-state>

Usage

```
<lag-lACP-state>
  <name>
    name
  </name>
  <lacp-role>
    lacp-role
  </lacp-role>
  <lacp-expired>
    lacp-expired
  </lacp-expired>
  <lacp-defaulted>
    lacp-defaulted
  </lacp-defaulted>
  <lacp-distributing>
    lacp-distributing
  </lacp-distributing>
  <lacp-collecting>
    lacp-collecting
  </lacp-collecting>
  <lacp-synchronization>
    lacp-synchronization
  </lacp-synchronization>
  <lacp-aggregation>
```



```

    lacp-aggregation
  </lacp-aggregation>
  <lacp-timeout>
    lacp-timeout
  </lacp-timeout>
  <lacp-activity>
    lacp-activity
  </lacp-activity>
</lag-lacp-state>

```

Description LACP protocol state information

<lag-lacp-state>

Usage

```

<lag-traffic-statistics>
  <lag-lacp-state>
    <name>
      name
    </name>
    <lacp-role>
      lacp-role
    </lacp-role>
    <lacp-expired>
      lacp-expired
    </lacp-expired>
    <lacp-defaulted>
      lacp-defaulted
    </lacp-defaulted>
    <lacp-distributing>
      lacp-distributing
    </lacp-distributing>
    <lacp-collecting>
      lacp-collecting
    </lacp-collecting>
    <lacp-synchronization>
      lacp-synchronization
    </lacp-synchronization>
    <lacp-aggregation>
      lacp-aggregation
    </lacp-aggregation>
    <lacp-timeout>
      lacp-timeout
    </lacp-timeout>
    <lacp-activity>
      lacp-activity
    </lacp-activity>
  </lag-lacp-state>
</lag-traffic-statistics>

```

Description LACP protocol state information

<lag-lACP-state>

Usage

```
<logical-interface>
  <lag-traffic-statistics>
    <lag-lACP-state>
      <name>
        name
      </name>
      <lACP-role>
        lACP-role
      </lACP-role>
      <lACP-expired>
        lACP-expired
      </lACP-expired>
      <lACP-defaulted>
        lACP-defaulted
      </lACP-defaulted>
      <lACP-distributing>
        lACP-distributing
      </lACP-distributing>
      <lACP-collecting>
        lACP-collecting
      </lACP-collecting>
      <lACP-synchronization>
        lACP-synchronization
      </lACP-synchronization>
      <lACP-aggregation>
        lACP-aggregation
      </lACP-aggregation>
      <lACP-timeout>
        lACP-timeout
      </lACP-timeout>
      <lACP-activity>
        lACP-activity
      </lACP-activity>
    </lag-lACP-state>
  </lag-traffic-statistics>
</logical-interface>
```

Description LACP protocol state information

<lag-lACP-state>

Usage

```
<physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-state>
        <name>
          name
        </name>
        <lACP-role>
          lACP-role
        </lACP-role>
      </lag-lACP-state>
    </lag-traffic-statistics>
  </logical-interface>
</physical-interface>
```

```

</lacp-role>
<lacp-expired>
  lacp-expired
</lacp-expired>
<lacp-defaulted>
  lacp-defaulted
</lacp-defaulted>
<lacp-distributing>
  lacp-distributing
</lacp-distributing>
<lacp-collecting>
  lacp-collecting
</lacp-collecting>
<lacp-synchronization>
  lacp-synchronization
</lacp-synchronization>
<lacp-aggregation>
  lacp-aggregation
</lacp-aggregation>
<lacp-timeout>
  lacp-timeout
</lacp-timeout>
<lacp-activity>
  lacp-activity
</lacp-activity>
</lag-lacp-state>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description LACP protocol state information

<lag-lacp-state>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lacp-state>
          <name>
            name
          </name>
          <lacp-role>
            lacp-role
          </lacp-role>
          <lacp-expired>
            lacp-expired
          </lacp-expired>
          <lacp-defaulted>
            lacp-defaulted
          </lacp-defaulted>
          <lacp-distributing>
            lacp-distributing

```

```
</lacp-distributing>
<lacp-collecting>
  lacp-collecting
</lacp-collecting>
<lacp-synchronization>
  lacp-synchronization
</lacp-synchronization>
<lacp-aggregation>
  lacp-aggregation
</lacp-aggregation>
<lacp-timeout>
  lacp-timeout
</lacp-timeout>
<lacp-activity>
  lacp-activity
</lacp-activity>
</lag-lacp-state>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description LACP protocol state information

<lag-lacp-state>

Usage

```
<interface-information>
<logical-interface>
  <lag-traffic-statistics>
    <lag-lacp-state>
      <name>
        name
      </name>
      <lacp-role>
        lacp-role
      </lacp-role>
      <lacp-expired>
        lacp-expired
      </lacp-expired>
      <lacp-defaulted>
        lacp-defaulted
      </lacp-defaulted>
      <lacp-distributing>
        lacp-distributing
      </lacp-distributing>
      <lacp-collecting>
        lacp-collecting
      </lacp-collecting>
      <lacp-synchronization>
        lacp-synchronization
      </lacp-synchronization>
      <lacp-aggregation>
        lacp-aggregation
```

```

</lacp-aggregation>
<lacp-timeout>
  lacp-timeout
</lacp-timeout>
<lacp-activity>
  lacp-activity
</lacp-activity>
</lag-lACP-state>
</lag-traffic-statistics>
</logical-interface>
</interface-information>

```

Description LACP protocol state information

<lag-lACP-state>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-state>
        <name>
          name
        </name>
        <lacp-role>
          lacp-role
        </lacp-role>
        <lacp-expired>
          lacp-expired
        </lacp-expired>
        <lacp-defaulted>
          lacp-defaulted
        </lacp-defaulted>
        <lacp-distributing>
          lacp-distributing
        </lacp-distributing>
        <lacp-collecting>
          lacp-collecting
        </lacp-collecting>
        <lacp-synchronization>
          lacp-synchronization
        </lacp-synchronization>
        <lacp-aggregation>
          lacp-aggregation
        </lacp-aggregation>
        <lacp-timeout>
          lacp-timeout
        </lacp-timeout>
        <lacp-activity>
          lacp-activity
        </lacp-activity>
      </lag-lACP-state>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

```
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description LACP protocol state information

<lag-lACP-state>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-state>
        <name>
          name
        </name>
        <lacp-role>
          lacp-role
        </lacp-role>
        <lacp-expired>
          lacp-expired
        </lacp-expired>
        <lacp-defaulted>
          lacp-defaulted
        </lacp-defaulted>
        <lacp-distributing>
          lacp-distributing
        </lacp-distributing>
        <lacp-collecting>
          lacp-collecting
        </lacp-collecting>
        <lacp-synchronization>
          lacp-synchronization
        </lacp-synchronization>
        <lacp-aggregation>
          lacp-aggregation
        </lacp-aggregation>
        <lacp-timeout>
          lacp-timeout
        </lacp-timeout>
        <lacp-activity>
          lacp-activity
        </lacp-activity>
      </lag-lACP-state>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description LACP protocol state information

<lag-lacp-state>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lacp-state>
          <name>
            name
          </name>
          <lacp-role>
            lacp-role
          </lacp-role>
          <lacp-expired>
            lacp-expired
          </lacp-expired>
          <lacp-defaulted>
            lacp-defaulted
          </lacp-defaulted>
          <lacp-distributing>
            lacp-distributing
          </lacp-distributing>
          <lacp-collecting>
            lacp-collecting
          </lacp-collecting>
          <lacp-synchronization>
            lacp-synchronization
          </lacp-synchronization>
          <lacp-aggregation>
            lacp-aggregation
          </lacp-aggregation>
          <lacp-timeout>
            lacp-timeout
          </lacp-timeout>
          <lacp-activity>
            lacp-activity
          </lacp-activity>
        </lag-lacp-state>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description LACP protocol state information

<lag-lacp-state>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lacp-state>
        <name>

```

```
    name
  </name>
  <lacp-role>
    lacp-role
  </lacp-role>
  <lacp-expired>
    lacp-expired
  </lacp-expired>
  <lacp-defaulted>
    lacp-defaulted
  </lacp-defaulted>
  <lacp-distributing>
    lacp-distributing
  </lacp-distributing>
  <lacp-collecting>
    lacp-collecting
  </lacp-collecting>
  <lacp-synchronization>
    lacp-synchronization
  </lacp-synchronization>
  <lacp-aggregation>
    lacp-aggregation
  </lacp-aggregation>
  <lacp-timeout>
    lacp-timeout
  </lacp-timeout>
  <lacp-activity>
    lacp-activity
  </lacp-activity>
</lag-lacp-state>
</lag-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description LACP protocol state information

<lag-lacp-statistics>

Usage

```
<lag-lacp-statistics>
  <name>
    name
  </name>
  <lacp-rx-packets>
    lacp-rx-packets
  </lacp-rx-packets>
  <lacp-tx-packets>
    lacp-tx-packets
  </lacp-tx-packets>
  <unknown-rx-packets>
    unknown-rx-packets
  </unknown-rx-packets>
  <illegal-rx-packets>
    illegal-rx-packets
```



```
</illegal-rx-packets>
</lag-lacp-statistics>
```

Description

<lag-lacp-statistics>

Usage

```
<lag-traffic-statistics>
<lag-lacp-statistics>
  <name>
    name
  </name>
  <lacp-rx-packets>
    lacp-rx-packets
  </lacp-rx-packets>
  <lacp-tx-packets>
    lacp-tx-packets
  </lacp-tx-packets>
  <unknown-rx-packets>
    unknown-rx-packets
  </unknown-rx-packets>
  <illegal-rx-packets>
    illegal-rx-packets
  </illegal-rx-packets>
</lag-lacp-statistics>
</lag-traffic-statistics>
```

Description

<lag-lacp-statistics>

Usage

```
<logical-interface>
<lag-traffic-statistics>
<lag-lacp-statistics>
  <name>
    name
  </name>
  <lacp-rx-packets>
    lacp-rx-packets
  </lacp-rx-packets>
  <lacp-tx-packets>
    lacp-tx-packets
  </lacp-tx-packets>
  <unknown-rx-packets>
    unknown-rx-packets
  </unknown-rx-packets>
  <illegal-rx-packets>
    illegal-rx-packets
  </illegal-rx-packets>
</lag-lacp-statistics>
</lag-traffic-statistics>
```

```
</logical-interface>
```

Description

<lag-lacp-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lacp-statistics>
        <name>
          name
        </name>
        <lacp-rx-packets>
          lacp-rx-packets
        </lacp-rx-packets>
        <lacp-tx-packets>
          lacp-tx-packets
        </lacp-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-lacp-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</physical-interface>
```

Description

<lag-lacp-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lacp-statistics>
          <name>
            name
          </name>
          <lacp-rx-packets>
            lacp-rx-packets
          </lacp-rx-packets>
          <lacp-tx-packets>
            lacp-tx-packets
          </lacp-tx-packets>
          <unknown-rx-packets>
            unknown-rx-packets
          </unknown-rx-packets>
          <illegal-rx-packets>
```

```

        illegal-rx-packets
      </illegal-rx-packets>
    </lag-lACP-statistics>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<lag-lACP-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-statistics>
        <name>
          name
        </name>
        <lacp-rx-packets>
          lacp-rx-packets
        </lacp-rx-packets>
        <lacp-tx-packets>
          lacp-tx-packets
        </lacp-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-lACP-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<lag-lACP-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lACP-statistics>
          <name>
            name
          </name>
          <lacp-rx-packets>
            lacp-rx-packets
          </lacp-rx-packets>
          <lacp-tx-packets>

```

```
    lacp-tx-packets
  </lacp-tx-packets>
  <unknown-rx-packets>
    unknown-rx-packets
  </unknown-rx-packets>
  <illegal-rx-packets>
    illegal-rx-packets
  </illegal-rx-packets>
</lag-lACP-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<lag-lACP-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lACP-statistics>
        <name>
          name
        </name>
        <lacp-rx-packets>
          lacp-rx-packets
        </lacp-rx-packets>
        <lacp-tx-packets>
          lacp-tx-packets
        </lacp-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-lACP-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<lag-lACP-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-lACP-statistics>
          <name>
```

```

        name
      </name>
    <lacp-rx-packets>
      lacp-rx-packets
    </lacp-rx-packets>
    <lacp-tx-packets>
      lacp-tx-packets
    </lacp-tx-packets>
    <unknown-rx-packets>
      unknown-rx-packets
    </unknown-rx-packets>
    <illegal-rx-packets>
      illegal-rx-packets
    </illegal-rx-packets>
  </lag-lacp-statistics>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<lag-lacp-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-lacp-statistics>
        <name>
          name
        </name>
        <lacp-rx-packets>
          lacp-rx-packets
        </lacp-rx-packets>
        <lacp-tx-packets>
          lacp-tx-packets
        </lacp-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-lacp-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description

<lag-link>

Usage

```
<lag-traffic-statistics>
  <lag-link>
    <name>
      name
    </name>
    <down>
      down
    </down>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-packets>
      output-packets
    </output-packets>
    <output-pps>
      output-pps
    </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-link>
</lag-traffic-statistics>
```

Description

<lag-link>

Usage

```
<logical-interface>
  <lag-traffic-statistics>
    <lag-link>
      <name>
        name
      </name>
      <down>
        down
      </down>
      <input-packets>
        input-packets
      </input-packets>
```

```

<input-pps>
  input-pps
</input-pps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-link>
</lag-traffic-statistics>
</logical-interface>

```

Description

<lag-link>

Usage

```

<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-link>
      <name>
        name
      </name>
      <down>
        down
      </down>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-packets>
        output-packets
      </output-packets>
    </lag-link>
  </lag-traffic-statistics>
</logical-interface>

```

```
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-link>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<lag-link>

Usage

```
<interface-information>
<physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lag-link>
```



```

    </lag-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description

<lag-link>

Usage

```

<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
          output-pps
        </output-pps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lag-link>
    </lag-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<lag-link>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-link>
          <name>
            name
          </name>
          <down>
            down
          </down>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-packets>
            output-packets
          </output-packets>
          <output-pps>
            output-pps
          </output-pps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </lag-link>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<lag-link>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-link>
        <name>
          name
        </name>
```

```

</name>
<down>
  down
</down>
<input-packets>
  input-packets
</input-packets>
<input-pps>
  input-pps
</input-pps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-link>
</lag-traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description

<lag-link>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-link>
          <name>
            name
          </name>
          <down>
            down
          </down>
          <input-packets>
            input-packets
          </input-packets>
          <input-pps>
            input-pps
          </input-pps>

```

```
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-packets>
  output-packets
</output-packets>
<output-pps>
  output-pps
</output-pps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lag-link>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<lag-link>

Usage

```
<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <input-packets>
          input-packets
        </input-packets>
        <input-pps>
          input-pps
        </input-pps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-packets>
          output-packets
        </output-packets>
        <output-pps>
```

```

        output-pps
      </output-pps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lag-link>
</lag-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description

<lag-marker>

Usage

```

<lag-traffic-statistics>
  <lag-marker>
    <name>
      name
    </name>
    <marker-rx-packets>
      marker-rx-packets
    </marker-rx-packets>
    <marker-response-tx-packets>
      marker-response-tx-packets
    </marker-response-tx-packets>
    <unknown-rx-packets>
      unknown-rx-packets
    </unknown-rx-packets>
    <illegal-rx-packets>
      illegal-rx-packets
    </illegal-rx-packets>
  </lag-marker>
</lag-traffic-statistics>

```

Description

<lag-marker>

Usage

```

<logical-interface>
  <lag-traffic-statistics>
    <lag-marker>
      <name>
        name
      </name>
      <marker-rx-packets>
        marker-rx-packets
      </marker-rx-packets>
      <marker-response-tx-packets>
        marker-response-tx-packets

```

```
</marker-response-tx-packets>
<unknown-rx-packets>
  unknown-rx-packets
</unknown-rx-packets>
<illegal-rx-packets>
  illegal-rx-packets
</illegal-rx-packets>
</lag-marker>
</lag-traffic-statistics>
</logical-interface>
```

Description

<lag-marker>

Usage

```
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-marker>
      <name>
        name
      </name>
      <marker-rx-packets>
        marker-rx-packets
      </marker-rx-packets>
      <marker-response-tx-packets>
        marker-response-tx-packets
      </marker-response-tx-packets>
      <unknown-rx-packets>
        unknown-rx-packets
      </unknown-rx-packets>
      <illegal-rx-packets>
        illegal-rx-packets
      </illegal-rx-packets>
    </lag-marker>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<lag-marker>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-marker>
      <name>
        name
      </name>
      <marker-rx-packets>
```

```

        marker-rx-packets
      </marker-rx-packets>
      <marker-response-tx-packets>
        marker-response-tx-packets
      </marker-response-tx-packets>
      <unknown-rx-packets>
        unknown-rx-packets
      </unknown-rx-packets>
      <illegal-rx-packets>
        illegal-rx-packets
      </illegal-rx-packets>
    </lag-marker>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<lag-marker>

Usage

```

<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-marker>
        <name>
          name
        </name>
        <marker-rx-packets>
          marker-rx-packets
        </marker-rx-packets>
        <marker-response-tx-packets>
          marker-response-tx-packets
        </marker-response-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-marker>
    </lag-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<lag-marker>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>

```

```
<lag-traffic-statistics>
  <lag-marker>
    <name>
      name
    </name>
    <marker-rx-packets>
      marker-rx-packets
    </marker-rx-packets>
    <marker-response-tx-packets>
      marker-response-tx-packets
    </marker-response-tx-packets>
    <unknown-rx-packets>
      unknown-rx-packets
    </unknown-rx-packets>
    <illegal-rx-packets>
      illegal-rx-packets
    </illegal-rx-packets>
  </lag-marker>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<lag-marker>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-marker>
        <name>
          name
        </name>
        <marker-rx-packets>
          marker-rx-packets
        </marker-rx-packets>
        <marker-response-tx-packets>
          marker-response-tx-packets
        </marker-response-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-marker>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<lag-marker>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-marker>
          <name>
            name
          </name>
          <marker-rx-packets>
            marker-rx-packets
          </marker-rx-packets>
          <marker-response-tx-packets>
            marker-response-tx-packets
          </marker-response-tx-packets>
          <unknown-rx-packets>
            unknown-rx-packets
          </unknown-rx-packets>
          <illegal-rx-packets>
            illegal-rx-packets
          </illegal-rx-packets>
        </lag-marker>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<lag-marker>

Usage

```

<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-marker>
        <name>
          name
        </name>
        <marker-rx-packets>
          marker-rx-packets
        </marker-rx-packets>
        <marker-response-tx-packets>
          marker-response-tx-packets
        </marker-response-tx-packets>
        <unknown-rx-packets>
          unknown-rx-packets
        </unknown-rx-packets>
        <illegal-rx-packets>
          illegal-rx-packets
        </illegal-rx-packets>
      </lag-marker>
    </lag-traffic-statistics>

```

```
</logical-interface>
</interface-policer-information>
```

Description

<lag-multicast-statistics>

Usage

```
<lag-traffic-statistics>
  <lag-multicast-statistics>
    <lag-multicast-statistics-header>
      lag-multicast-statistics-header
    </lag-multicast-statistics-header>
    <lag-ipv4-multicast-statistics>.....</lag-ipv4-multicast-statistics>
    <lag-ipv6-multicast-statistics>.....</lag-ipv6-multicast-statistics>
  </lag-multicast-statistics>
</lag-traffic-statistics>
```

Description

<lag-multicast-statistics>

Usage

```
<logical-interface>
  <lag-traffic-statistics>
    <lag-multicast-statistics>
      <lag-multicast-statistics-header>
        lag-multicast-statistics-header
      </lag-multicast-statistics-header>
      <lag-ipv4-multicast-statistics>.....</lag-ipv4-multicast-statistics>
      <lag-ipv6-multicast-statistics>.....</lag-ipv6-multicast-statistics>
    </lag-multicast-statistics>
  </lag-traffic-statistics>
</logical-interface>
```

Description

<lag-multicast-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-multicast-statistics-header>
          lag-multicast-statistics-header
        </lag-multicast-statistics-header>
        <lag-ipv4-multicast-statistics>.....</lag-ipv4-multicast-statistics>
        <lag-ipv6-multicast-statistics>.....</lag-ipv6-multicast-statistics>
      </lag-multicast-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</physical-interface>
```

Description

<lag-multicast-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-multicast-statistics>
          <lag-multicast-statistics-header>
            lag-multicast-statistics-header
          </lag-multicast-statistics-header>
          <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
          <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
        </lag-multicast-statistics>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description

<lag-multicast-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-multicast-statistics-header>
          lag-multicast-statistics-header
        </lag-multicast-statistics-header>
        <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
        <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
      </lag-multicast-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description

<lag-multicast-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-multicast-statistics>
          <lag-multicast-statistics-header>
            lag-multicast-statistics-header
          </lag-multicast-statistics-header>
          <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
          <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
        </lag-multicast-statistics>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

```
    </lag-multicast-statistics>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<lag-multicast-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-multicast-statistics>
        <lag-multicast-statistics-header>
          lag-multicast-statistics-header
        </lag-multicast-statistics-header>
        <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
        <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
      </lag-multicast-statistics>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<lag-multicast-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-multicast-statistics>
          <lag-multicast-statistics-header>
            lag-multicast-statistics-header
          </lag-multicast-statistics-header>
          <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
          <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
        </lag-multicast-statistics>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description

<lag-multicast-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <lag-traffic-statistics>
```

```

<lag-multicast-statistics>
  <lag-multicast-statistics-header>
    lag-multicast-statistics-header
  </lag-multicast-statistics-header>
  <lag-ipv4-multicast-statistics>....</lag-ipv4-multicast-statistics>
  <lag-ipv6-multicast-statistics>....</lag-ipv6-multicast-statistics>
</lag-multicast-statistics>
</lag-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description

<lag-traffic-statistics>

Usage

```

<lag-traffic-statistics>
  <lag-bundle>....</lag-bundle>
  <lag-multicast-statistics>....</lag-multicast-statistics>
  <lag-link>....</lag-link>
  <lag-marker>....</lag-marker>
  <lag-lacp-statistics>....</lag-lacp-statistics>
  <lag-lacp-info>....</lag-lacp-info>
  <lag-lacp-state>....</lag-lacp-state>
  <lag-lacp-protocol>....</lag-lacp-protocol>
</lag-traffic-statistics>

```

Description

<lag-traffic-statistics>

Usage

```

<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>....</lag-bundle>
    <lag-multicast-statistics>....</lag-multicast-statistics>
    <lag-link>....</lag-link>
    <lag-marker>....</lag-marker>
    <lag-lacp-statistics>....</lag-lacp-statistics>
    <lag-lacp-info>....</lag-lacp-info>
    <lag-lacp-state>....</lag-lacp-state>
    <lag-lacp-protocol>....</lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>

```

Description

<lag-traffic-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-bundle>....</lag-bundle>

```

```
<lag-multicast-statistics>....</lag-multicast-statistics>
<lag-link>....</lag-link>
<lag-marker>....</lag-marker>
<lag-lacp-statistics>....</lag-lacp-statistics>
<lag-lacp-info>....</lag-lacp-info>
<lag-lacp-state>....</lag-lacp-state>
<lag-lacp-protocol>....</lag-lacp-protocol>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<lag-traffic-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>....</lag-bundle>
    <lag-multicast-statistics>....</lag-multicast-statistics>
    <lag-link>....</lag-link>
    <lag-marker>....</lag-marker>
    <lag-lacp-statistics>....</lag-lacp-statistics>
    <lag-lacp-info>....</lag-lacp-info>
    <lag-lacp-state>....</lag-lacp-state>
    <lag-lacp-protocol>....</lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<lag-traffic-statistics>

Usage

```
<interface-information>
<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>....</lag-bundle>
    <lag-multicast-statistics>....</lag-multicast-statistics>
    <lag-link>....</lag-link>
    <lag-marker>....</lag-marker>
    <lag-lacp-statistics>....</lag-lacp-statistics>
    <lag-lacp-info>....</lag-lacp-info>
    <lag-lacp-state>....</lag-lacp-state>
    <lag-lacp-protocol>....</lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
</interface-information>
```

Description

<lag-traffic-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-bundle>....</lag-bundle>
        <lag-multicast-statistics>....</lag-multicast-statistics>
        <lag-link>....</lag-link>
        <lag-marker>....</lag-marker>
        <lag-lacp-statistics>....</lag-lacp-statistics>
        <lag-lacp-info>....</lag-lacp-info>
        <lag-lacp-state>....</lag-lacp-state>
        <lag-lacp-protocol>....</lag-lacp-protocol>
      </lag-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<lag-traffic-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <lag-traffic-statistics>
      <lag-bundle>....</lag-bundle>
      <lag-multicast-statistics>....</lag-multicast-statistics>
      <lag-link>....</lag-link>
      <lag-marker>....</lag-marker>
      <lag-lacp-statistics>....</lag-lacp-statistics>
      <lag-lacp-info>....</lag-lacp-info>
      <lag-lacp-state>....</lag-lacp-state>
      <lag-lacp-protocol>....</lag-lacp-protocol>
    </lag-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description

<lag-traffic-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <lag-traffic-statistics>
        <lag-bundle>....</lag-bundle>
        <lag-multicast-statistics>....</lag-multicast-statistics>
        <lag-link>....</lag-link>
        <lag-marker>....</lag-marker>

```

```
<lag-lacp-statistics>....</lag-lacp-statistics>
<lag-lacp-info>....</lag-lacp-info>
<lag-lacp-state>....</lag-lacp-state>
<lag-lacp-protocol>....</lag-lacp-protocol>
</lag-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<lag-traffic-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
  <lag-traffic-statistics>
    <lag-bundle>....</lag-bundle>
    <lag-multicast-statistics>....</lag-multicast-statistics>
    <lag-link>....</lag-link>
    <lag-marker>....</lag-marker>
    <lag-lacp-statistics>....</lag-lacp-statistics>
    <lag-lacp-info>....</lag-lacp-info>
    <lag-lacp-state>....</lag-lacp-state>
    <lag-lacp-protocol>....</lag-lacp-protocol>
  </lag-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description

<layer2-input-policer-information>

Usage

```
<layer2-input-policer-information>
  <layer2-input-policer>
    layer2-input-policer
  </layer2-input-policer>
</layer2-input-policer-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<logical-interface>
  <layer2-input-policer-information>
    <layer2-input-policer>
      layer2-input-policer
    </layer2-input-policer>
  </layer2-input-policer-information>
</logical-interface>
```


Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<physical-interface>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</physical-interface>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <layer2-input-policer-information>
        <layer2-input-policer>
          layer2-input-policer
        </layer2-input-policer>
      </layer2-input-policer-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<interface-information>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</interface-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</interface-filter-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-information>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <layer2-input-policer-information>
      <layer2-input-policer>
        layer2-input-policer
      </layer2-input-policer>
    </layer2-input-policer-information>
  </logical-interface>
</interface-policer-information>

```

Description Information about Layer 2 input policer for interface

<layer2-input-policer-statistics>**Usage**

```

<layer2-input-policer-statistics>
  <policer-low-iq2-frames>
    policer-low-iq2-frames
  </policer-low-iq2-frames>
  <policer-medium-low-iq2-frames>
    policer-medium-low-iq2-frames
  </policer-medium-low-iq2-frames>
  <policer-medium-high-iq2-frames>
    policer-medium-high-iq2-frames
  </policer-medium-high-iq2-frames>
  <policer-high-iq2-frames>
    policer-high-iq2-frames
  </policer-high-iq2-frames>
  <policer-dropped-iq2-frames>
    policer-dropped-iq2-frames
  </policer-dropped-iq2-frames>
  <policer-low-frames>
    policer-low-frames
  </policer-low-frames>
  <policer-medium-low-frames>
    policer-medium-low-frames
  </policer-medium-low-frames>
  <policer-medium-high-frames>
    policer-medium-high-frames
  </policer-medium-high-frames>
  <policer-high-frames>
    policer-high-frames
  </policer-high-frames>
  <policer-dropped-frames>
    policer-dropped-frames
  </policer-dropped-frames>
  <policer-low-bytes>
    policer-low-bytes
  </policer-low-bytes>
  <policer-medium-low-bytes>
    policer-medium-low-bytes
  </policer-medium-low-bytes>

```

```
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-input-policer-statistics>
```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```
<logical-interface>
  <layer2-input-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
```

```

</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-input-policer-statistics>
</logical-interface>

```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <layer2-input-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
  
```

```
<policer-medium-low-iq2-frames>
  policer-medium-low-iq2-frames
</policer-medium-low-iq2-frames>
<policer-medium-high-iq2-frames>
  policer-medium-high-iq2-frames
</policer-medium-high-iq2-frames>
<policer-high-iq2-frames>
  policer-high-iq2-frames
</policer-high-iq2-frames>
<policer-dropped-iq2-frames>
  policer-dropped-iq2-frames
</policer-dropped-iq2-frames>
<policer-low-frames>
  policer-low-frames
</policer-low-frames>
<policer-medium-low-frames>
  policer-medium-low-frames
</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
```

```

    </policer-dropped-rate>
  </layer2-input-policer-statistics>
</logical-interface>
</physical-interface>

```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <layer2-input-policer-statistics>
        <policer-low-iq2-frames>
          policer-low-iq2-frames
        </policer-low-iq2-frames>
        <policer-medium-low-iq2-frames>
          policer-medium-low-iq2-frames
        </policer-medium-low-iq2-frames>
        <policer-medium-high-iq2-frames>
          policer-medium-high-iq2-frames
        </policer-medium-high-iq2-frames>
        <policer-high-iq2-frames>
          policer-high-iq2-frames
        </policer-high-iq2-frames>
        <policer-dropped-iq2-frames>
          policer-dropped-iq2-frames
        </policer-dropped-iq2-frames>
        <policer-low-frames>
          policer-low-frames
        </policer-low-frames>
        <policer-medium-low-frames>
          policer-medium-low-frames
        </policer-medium-low-frames>
        <policer-medium-high-frames>
          policer-medium-high-frames
        </policer-medium-high-frames>
        <policer-high-frames>
          policer-high-frames
        </policer-high-frames>
        <policer-dropped-frames>
          policer-dropped-frames
        </policer-dropped-frames>
        <policer-low-bytes>
          policer-low-bytes
        </policer-low-bytes>
        <policer-medium-low-bytes>
          policer-medium-low-bytes
        </policer-medium-low-bytes>
        <policer-medium-high-bytes>
          policer-medium-high-bytes
        </policer-medium-high-bytes>
        <policer-high-bytes>

```

```
    policer-high-bytes
  </policer-high-bytes>
  <policer-dropped-bytes>
    policer-dropped-bytes
  </policer-dropped-bytes>
  <policer-low-rate>
    policer-low-rate
  </policer-low-rate>
  <policer-medium-low-rate>
    policer-medium-low-rate
  </policer-medium-low-rate>
  <policer-medium-high-rate>
    policer-medium-high-rate
  </policer-medium-high-rate>
  <policer-high-rate>
    policer-high-rate
  </policer-high-rate>
  <policer-dropped-rate>
    policer-dropped-rate
  </policer-dropped-rate>
</layer2-input-policer-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <layer2-input-policer-statistics>
      <policer-low-iq2-frames>
        policer-low-iq2-frames
      </policer-low-iq2-frames>
      <policer-medium-low-iq2-frames>
        policer-medium-low-iq2-frames
      </policer-medium-low-iq2-frames>
      <policer-medium-high-iq2-frames>
        policer-medium-high-iq2-frames
      </policer-medium-high-iq2-frames>
      <policer-high-iq2-frames>
        policer-high-iq2-frames
      </policer-high-iq2-frames>
      <policer-dropped-iq2-frames>
        policer-dropped-iq2-frames
      </policer-dropped-iq2-frames>
      <policer-low-frames>
        policer-low-frames
      </policer-low-frames>
      <policer-medium-low-frames>
        policer-medium-low-frames
      </policer-medium-low-frames>
```



```

    <policer-medium-high-frames>
      policer-medium-high-frames
    </policer-medium-high-frames>
    <policer-high-frames>
      policer-high-frames
    </policer-high-frames>
    <policer-dropped-frames>
      policer-dropped-frames
    </policer-dropped-frames>
    <policer-low-bytes>
      policer-low-bytes
    </policer-low-bytes>
    <policer-medium-low-bytes>
      policer-medium-low-bytes
    </policer-medium-low-bytes>
    <policer-medium-high-bytes>
      policer-medium-high-bytes
    </policer-medium-high-bytes>
    <policer-high-bytes>
      policer-high-bytes
    </policer-high-bytes>
    <policer-dropped-bytes>
      policer-dropped-bytes
    </policer-dropped-bytes>
    <policer-low-rate>
      policer-low-rate
    </policer-low-rate>
    <policer-medium-low-rate>
      policer-medium-low-rate
    </policer-medium-low-rate>
    <policer-medium-high-rate>
      policer-medium-high-rate
    </policer-medium-high-rate>
    <policer-high-rate>
      policer-high-rate
    </policer-high-rate>
    <policer-dropped-rate>
      policer-dropped-rate
    </policer-dropped-rate>
  </layer2-input-policer-statistics>
</logical-interface>
</interface-information>

```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <layer2-input-policer-statistics>
        <policer-low-iq2-frames>
          policer-low-iq2-frames

```

```
</policer-low-iq2-frames>
<policer-medium-low-iq2-frames>
  policer-medium-low-iq2-frames
</policer-medium-low-iq2-frames>
<policer-medium-high-iq2-frames>
  policer-medium-high-iq2-frames
</policer-medium-high-iq2-frames>
<policer-high-iq2-frames>
  policer-high-iq2-frames
</policer-high-iq2-frames>
<policer-dropped-iq2-frames>
  policer-dropped-iq2-frames
</policer-dropped-iq2-frames>
<policer-low-frames>
  policer-low-frames
</policer-low-frames>
<policer-medium-low-frames>
  policer-medium-low-frames
</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
```

```

        policer-dropped-rate
      </policer-dropped-rate>
    </layer2-input-policer-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <layer2-input-policer-statistics>
      <policer-low-iq2-frames>
        policer-low-iq2-frames
      </policer-low-iq2-frames>
      <policer-medium-low-iq2-frames>
        policer-medium-low-iq2-frames
      </policer-medium-low-iq2-frames>
      <policer-medium-high-iq2-frames>
        policer-medium-high-iq2-frames
      </policer-medium-high-iq2-frames>
      <policer-high-iq2-frames>
        policer-high-iq2-frames
      </policer-high-iq2-frames>
      <policer-dropped-iq2-frames>
        policer-dropped-iq2-frames
      </policer-dropped-iq2-frames>
      <policer-low-frames>
        policer-low-frames
      </policer-low-frames>
      <policer-medium-low-frames>
        policer-medium-low-frames
      </policer-medium-low-frames>
      <policer-medium-high-frames>
        policer-medium-high-frames
      </policer-medium-high-frames>
      <policer-high-frames>
        policer-high-frames
      </policer-high-frames>
      <policer-dropped-frames>
        policer-dropped-frames
      </policer-dropped-frames>
      <policer-low-bytes>
        policer-low-bytes
      </policer-low-bytes>
      <policer-medium-low-bytes>
        policer-medium-low-bytes
      </policer-medium-low-bytes>
      <policer-medium-high-bytes>
        policer-medium-high-bytes
      </policer-medium-high-bytes>
    </layer2-input-policer-statistics>
  </logical-interface>
</interface-filter-information>

```

```
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-input-policer-statistics>
</logical-interface>
</interface-filter-information>
```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <layer2-input-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
```

```

</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-input-policer-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Layer 2 input policer statistics for interface

<layer2-input-policer-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <layer2-input-policer-statistics>
      <policer-low-iq2-frames>

```

```
    policer-low-iq2-frames
  </policer-low-iq2-frames>
  <policer-medium-low-iq2-frames>
    policer-medium-low-iq2-frames
  </policer-medium-low-iq2-frames>
  <policer-medium-high-iq2-frames>
    policer-medium-high-iq2-frames
  </policer-medium-high-iq2-frames>
  <policer-high-iq2-frames>
    policer-high-iq2-frames
  </policer-high-iq2-frames>
  <policer-dropped-iq2-frames>
    policer-dropped-iq2-frames
  </policer-dropped-iq2-frames>
  <policer-low-frames>
    policer-low-frames
  </policer-low-frames>
  <policer-medium-low-frames>
    policer-medium-low-frames
  </policer-medium-low-frames>
  <policer-medium-high-frames>
    policer-medium-high-frames
  </policer-medium-high-frames>
  <policer-high-frames>
    policer-high-frames
  </policer-high-frames>
  <policer-dropped-frames>
    policer-dropped-frames
  </policer-dropped-frames>
  <policer-low-bytes>
    policer-low-bytes
  </policer-low-bytes>
  <policer-medium-low-bytes>
    policer-medium-low-bytes
  </policer-medium-low-bytes>
  <policer-medium-high-bytes>
    policer-medium-high-bytes
  </policer-medium-high-bytes>
  <policer-high-bytes>
    policer-high-bytes
  </policer-high-bytes>
  <policer-dropped-bytes>
    policer-dropped-bytes
  </policer-dropped-bytes>
  <policer-low-rate>
    policer-low-rate
  </policer-low-rate>
  <policer-medium-low-rate>
    policer-medium-low-rate
  </policer-medium-low-rate>
  <policer-medium-high-rate>
    policer-medium-high-rate
  </policer-medium-high-rate>
  <policer-high-rate>
    policer-high-rate
  </policer-high-rate>
```

```
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-input-policer-statistics>
</logical-interface>
</interface-policer-information>
```

Description Layer 2 input policer statistics for interface

<layer2-output-policer-information>

Usage

```
<layer2-output-policer-information>
  <layer2-output-policer>
    layer2-output-policer
  </layer2-output-policer>
</layer2-output-policer-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<logical-interface>
  <layer2-output-policer-information>
    <layer2-output-policer>
      layer2-output-policer
    </layer2-output-policer>
  </layer2-output-policer-information>
</logical-interface>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<physical-interface>
  <logical-interface>
    <layer2-output-policer-information>
      <layer2-output-policer>
        layer2-output-policer
      </layer2-output-policer>
    </layer2-output-policer-information>
  </logical-interface>
</physical-interface>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <layer2-output-policer-information>
        <layer2-output-policer>
          layer2-output-policer
        </layer2-output-policer>
      </layer2-output-policer-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-information>
  <logical-interface>
    <layer2-output-policer-information>
      <layer2-output-policer>
        layer2-output-policer
      </layer2-output-policer>
    </layer2-output-policer-information>
  </logical-interface>
</interface-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <layer2-output-policer-information>
        <layer2-output-policer>
          layer2-output-policer
        </layer2-output-policer>
      </layer2-output-policer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <layer2-output-policer-information>
      <layer2-output-policer>
        layer2-output-policer
      </layer2-output-policer>
    </layer2-output-policer-information>
  </logical-interface>
</interface-filter-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <layer2-output-policer-information>
      <layer2-output-policer>
        layer2-output-policer
      </layer2-output-policer>
    </layer2-output-policer-information>
  </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-information>

Usage

```
<interface-policer-information>
  <logical-interface>
    <layer2-output-policer-information>
      <layer2-output-policer>
        layer2-output-policer
      </layer2-output-policer>
    </layer2-output-policer-information>
  </logical-interface>
</interface-policer-information>
```

Description Information about Layer 2 output policer for interface

<layer2-output-policer-statistics>

Usage

```
<layer2-output-policer-statistics>
```

```
<policer-low-iq2-frames>
  policer-low-iq2-frames
</policer-low-iq2-frames>
<policer-medium-low-iq2-frames>
  policer-medium-low-iq2-frames
</policer-medium-low-iq2-frames>
<policer-medium-high-iq2-frames>
  policer-medium-high-iq2-frames
</policer-medium-high-iq2-frames>
<policer-high-iq2-frames>
  policer-high-iq2-frames
</policer-high-iq2-frames>
<policer-dropped-iq2-frames>
  policer-dropped-iq2-frames
</policer-dropped-iq2-frames>
<policer-low-frames>
  policer-low-frames
</policer-low-frames>
<policer-medium-low-frames>
  policer-medium-low-frames
</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
```

```

</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>

```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```

<logical-interface>
  <layer2-output-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
    </policer-medium-low-frames>
    <policer-medium-high-frames>
      policer-medium-high-frames
    </policer-medium-high-frames>
    <policer-high-frames>
      policer-high-frames
    </policer-high-frames>
    <policer-dropped-frames>
      policer-dropped-frames
    </policer-dropped-frames>
    <policer-low-bytes>
      policer-low-bytes
    </policer-low-bytes>
    <policer-medium-low-bytes>
      policer-medium-low-bytes
    </policer-medium-low-bytes>
    <policer-medium-high-bytes>
      policer-medium-high-bytes
    </policer-medium-high-bytes>
    <policer-high-bytes>
      policer-high-bytes

```

```
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>
</logical-interface>
```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <layer2-output-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
    </policer-medium-low-frames>
    <policer-medium-high-frames>
      policer-medium-high-frames
    </policer-medium-high-frames>
```

```

    <policer-high-frames>
      policer-high-frames
    </policer-high-frames>
    <policer-dropped-frames>
      policer-dropped-frames
    </policer-dropped-frames>
    <policer-low-bytes>
      policer-low-bytes
    </policer-low-bytes>
    <policer-medium-low-bytes>
      policer-medium-low-bytes
    </policer-medium-low-bytes>
    <policer-medium-high-bytes>
      policer-medium-high-bytes
    </policer-medium-high-bytes>
    <policer-high-bytes>
      policer-high-bytes
    </policer-high-bytes>
    <policer-dropped-bytes>
      policer-dropped-bytes
    </policer-dropped-bytes>
    <policer-low-rate>
      policer-low-rate
    </policer-low-rate>
    <policer-medium-low-rate>
      policer-medium-low-rate
    </policer-medium-low-rate>
    <policer-medium-high-rate>
      policer-medium-high-rate
    </policer-medium-high-rate>
    <policer-high-rate>
      policer-high-rate
    </policer-high-rate>
    <policer-dropped-rate>
      policer-dropped-rate
    </policer-dropped-rate>
  </layer2-output-policer-statistics>
</logical-interface>
</physical-interface>

```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <layer2-output-policer-statistics>
        <policer-low-iq2-frames>
          policer-low-iq2-frames
        </policer-low-iq2-frames>
        <policer-medium-low-iq2-frames>
          policer-medium-low-iq2-frames

```

```
</policer-medium-low-iq2-frames>
<policer-medium-high-iq2-frames>
  policer-medium-high-iq2-frames
</policer-medium-high-iq2-frames>
<policer-high-iq2-frames>
  policer-high-iq2-frames
</policer-high-iq2-frames>
<policer-dropped-iq2-frames>
  policer-dropped-iq2-frames
</policer-dropped-iq2-frames>
<policer-low-frames>
  policer-low-frames
</policer-low-frames>
<policer-medium-low-frames>
  policer-medium-low-frames
</policer-medium-low-frames>
<policer-medium-high-frames>
  policer-medium-high-frames
</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>
```

```

    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <layer2-output-policer-statistics>
      <policer-low-iq2-frames>
        policer-low-iq2-frames
      </policer-low-iq2-frames>
      <policer-medium-low-iq2-frames>
        policer-medium-low-iq2-frames
      </policer-medium-low-iq2-frames>
      <policer-medium-high-iq2-frames>
        policer-medium-high-iq2-frames
      </policer-medium-high-iq2-frames>
      <policer-high-iq2-frames>
        policer-high-iq2-frames
      </policer-high-iq2-frames>
      <policer-dropped-iq2-frames>
        policer-dropped-iq2-frames
      </policer-dropped-iq2-frames>
      <policer-low-frames>
        policer-low-frames
      </policer-low-frames>
      <policer-medium-low-frames>
        policer-medium-low-frames
      </policer-medium-low-frames>
      <policer-medium-high-frames>
        policer-medium-high-frames
      </policer-medium-high-frames>
      <policer-high-frames>
        policer-high-frames
      </policer-high-frames>
      <policer-dropped-frames>
        policer-dropped-frames
      </policer-dropped-frames>
      <policer-low-bytes>
        policer-low-bytes
      </policer-low-bytes>
      <policer-medium-low-bytes>
        policer-medium-low-bytes
      </policer-medium-low-bytes>
      <policer-medium-high-bytes>
        policer-medium-high-bytes
      </policer-medium-high-bytes>
      <policer-high-bytes>
        policer-high-bytes
      </policer-high-bytes>
    </layer2-output-policer-statistics>
  </logical-interface>
</interface-information>

```

```
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>
</logical-interface>
</interface-information>
```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <layer2-output-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
    </policer-medium-low-frames>
    <policer-medium-high-frames>
      policer-medium-high-frames
```



```

</policer-medium-high-frames>
<policer-high-frames>
  policer-high-frames
</policer-high-frames>
<policer-dropped-frames>
  policer-dropped-frames
</policer-dropped-frames>
<policer-low-bytes>
  policer-low-bytes
</policer-low-bytes>
<policer-medium-low-bytes>
  policer-medium-low-bytes
</policer-medium-low-bytes>
<policer-medium-high-bytes>
  policer-medium-high-bytes
</policer-medium-high-bytes>
<policer-high-bytes>
  policer-high-bytes
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <layer2-output-policer-statistics>
      <policer-low-iq2-frames>
        policer-low-iq2-frames
      </policer-low-iq2-frames>
      <policer-medium-low-iq2-frames>

```

```
    policer-medium-low-iq2-frames
  </policer-medium-low-iq2-frames>
  <policer-medium-high-iq2-frames>
    policer-medium-high-iq2-frames
  </policer-medium-high-iq2-frames>
  <policer-high-iq2-frames>
    policer-high-iq2-frames
  </policer-high-iq2-frames>
  <policer-dropped-iq2-frames>
    policer-dropped-iq2-frames
  </policer-dropped-iq2-frames>
  <policer-low-frames>
    policer-low-frames
  </policer-low-frames>
  <policer-medium-low-frames>
    policer-medium-low-frames
  </policer-medium-low-frames>
  <policer-medium-high-frames>
    policer-medium-high-frames
  </policer-medium-high-frames>
  <policer-high-frames>
    policer-high-frames
  </policer-high-frames>
  <policer-dropped-frames>
    policer-dropped-frames
  </policer-dropped-frames>
  <policer-low-bytes>
    policer-low-bytes
  </policer-low-bytes>
  <policer-medium-low-bytes>
    policer-medium-low-bytes
  </policer-medium-low-bytes>
  <policer-medium-high-bytes>
    policer-medium-high-bytes
  </policer-medium-high-bytes>
  <policer-high-bytes>
    policer-high-bytes
  </policer-high-bytes>
  <policer-dropped-bytes>
    policer-dropped-bytes
  </policer-dropped-bytes>
  <policer-low-rate>
    policer-low-rate
  </policer-low-rate>
  <policer-medium-low-rate>
    policer-medium-low-rate
  </policer-medium-low-rate>
  <policer-medium-high-rate>
    policer-medium-high-rate
  </policer-medium-high-rate>
  <policer-high-rate>
    policer-high-rate
  </policer-high-rate>
  <policer-dropped-rate>
    policer-dropped-rate
  </policer-dropped-rate>
```

```

    </layer2-output-policer-statistics>
  </logical-interface>
</interface-filter-information>

```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <layer2-output-policer-statistics>
        <policer-low-iq2-frames>
          policer-low-iq2-frames
        </policer-low-iq2-frames>
        <policer-medium-low-iq2-frames>
          policer-medium-low-iq2-frames
        </policer-medium-low-iq2-frames>
        <policer-medium-high-iq2-frames>
          policer-medium-high-iq2-frames
        </policer-medium-high-iq2-frames>
        <policer-high-iq2-frames>
          policer-high-iq2-frames
        </policer-high-iq2-frames>
        <policer-dropped-iq2-frames>
          policer-dropped-iq2-frames
        </policer-dropped-iq2-frames>
        <policer-low-frames>
          policer-low-frames
        </policer-low-frames>
        <policer-medium-low-frames>
          policer-medium-low-frames
        </policer-medium-low-frames>
        <policer-medium-high-frames>
          policer-medium-high-frames
        </policer-medium-high-frames>
        <policer-high-frames>
          policer-high-frames
        </policer-high-frames>
        <policer-dropped-frames>
          policer-dropped-frames
        </policer-dropped-frames>
        <policer-low-bytes>
          policer-low-bytes
        </policer-low-bytes>
        <policer-medium-low-bytes>
          policer-medium-low-bytes
        </policer-medium-low-bytes>
        <policer-medium-high-bytes>
          policer-medium-high-bytes
        </policer-medium-high-bytes>
        <policer-high-bytes>
          policer-high-bytes

```

```
</policer-high-bytes>
<policer-dropped-bytes>
  policer-dropped-bytes
</policer-dropped-bytes>
<policer-low-rate>
  policer-low-rate
</policer-low-rate>
<policer-medium-low-rate>
  policer-medium-low-rate
</policer-medium-low-rate>
<policer-medium-high-rate>
  policer-medium-high-rate
</policer-medium-high-rate>
<policer-high-rate>
  policer-high-rate
</policer-high-rate>
<policer-dropped-rate>
  policer-dropped-rate
</policer-dropped-rate>
</layer2-output-policer-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Layer 2 output policer statistics for interface

<layer2-output-policer-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
  <layer2-output-policer-statistics>
    <policer-low-iq2-frames>
      policer-low-iq2-frames
    </policer-low-iq2-frames>
    <policer-medium-low-iq2-frames>
      policer-medium-low-iq2-frames
    </policer-medium-low-iq2-frames>
    <policer-medium-high-iq2-frames>
      policer-medium-high-iq2-frames
    </policer-medium-high-iq2-frames>
    <policer-high-iq2-frames>
      policer-high-iq2-frames
    </policer-high-iq2-frames>
    <policer-dropped-iq2-frames>
      policer-dropped-iq2-frames
    </policer-dropped-iq2-frames>
    <policer-low-frames>
      policer-low-frames
    </policer-low-frames>
    <policer-medium-low-frames>
      policer-medium-low-frames
    </policer-medium-low-frames>
    <policer-medium-high-frames>
```

```

    policer-medium-high-frames
  </policer-medium-high-frames>
  <policer-high-frames>
    policer-high-frames
  </policer-high-frames>
  <policer-dropped-frames>
    policer-dropped-frames
  </policer-dropped-frames>
  <policer-low-bytes>
    policer-low-bytes
  </policer-low-bytes>
  <policer-medium-low-bytes>
    policer-medium-low-bytes
  </policer-medium-low-bytes>
  <policer-medium-high-bytes>
    policer-medium-high-bytes
  </policer-medium-high-bytes>
  <policer-high-bytes>
    policer-high-bytes
  </policer-high-bytes>
  <policer-dropped-bytes>
    policer-dropped-bytes
  </policer-dropped-bytes>
  <policer-low-rate>
    policer-low-rate
  </policer-low-rate>
  <policer-medium-low-rate>
    policer-medium-low-rate
  </policer-medium-low-rate>
  <policer-medium-high-rate>
    policer-medium-high-rate
  </policer-medium-high-rate>
  <policer-high-rate>
    policer-high-rate
  </policer-high-rate>
  <policer-dropped-rate>
    policer-dropped-rate
  </policer-dropped-rate>
</layer2-output-policer-statistics>
</logical-interface>
</interface-policer-information>

```

Description Layer 2 output policer statistics for interface

<lfi>

Usage

```

<lfi>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>

```

```
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lfi>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<multilink-traffic-statistics>
<multilink-detail-statistics>
  <bundle-detail>
    <lfi>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </lfi>
```

```

    </bundle-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>

```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```

<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <lfi>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </lfi>
      </bundle-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>

```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```

<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>

```

```
<bundle-detail>
  <lfi>
    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </lfi>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<interface-information>
  <physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <lfi>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
```



```

<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lfi>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <lfi>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes

```

```
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </lfi>
    </bundle-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-information>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>
            <lfi>
              <input-frames>
                input-frames
              </input-frames>
              <input-fps>
                input-fps
              </input-fps>
              <input-bytes>
                input-bytes
              </input-bytes>
              <input-bps>
                input-bps
              </input-bps>
              <output-frames>
                output-frames
              </output-frames>
              <output-fps>
                output-fps
              </output-fps>
              <output-bytes>
                output-bytes
              </output-bytes>
              <output-bps>
                output-bps
              </output-bps>
            </lfi>
          </bundle-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
```

```
</interface-filter-information>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<interface-filter-information>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <lfi>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </lfi>
      </bundle-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
```

```
<multilink-detail-statistics>
  <bundle-detail>
    <lfi>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </lfi>
  </bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description LFI frame statistics for multilink bundles and classes

<lfi>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <lfi>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
```

```

</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</lfi>
</bundle-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description LFI frame statistics for multilink bundles and classes

<line-protocol>

Usage

```

<serial-information>
  <line-protocol>
    <line-protocol-mode>
      line-protocol-mode
    </line-protocol-mode>
  </line-protocol>
</serial-information>

```

Description

<line-protocol>

Usage

```

<physical-interface>
  <serial-information>
    <line-protocol>
      <line-protocol-mode>
        line-protocol-mode
      </line-protocol-mode>
    </line-protocol>
  </serial-information>
</physical-interface>

```

Description

<line-protocol>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <line-protocol>
        <line-protocol-mode>
          line-protocol-mode
        </line-protocol-mode>
      </line-protocol>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<line-protocol>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <line-protocol>
        <line-protocol-mode>
          line-protocol-mode
        </line-protocol-mode>
      </line-protocol>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<line-protocol>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <line-protocol>
        <line-protocol-mode>
          line-protocol-mode
        </line-protocol-mode>
      </line-protocol>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<linear-red-drop-profile>**Usage**

```

<atm-cos-queue-parameters>
  <linear-red-drop-profile>
    <queue-depth>
      queue-depth
    </queue-depth>
    <low-red>
      low-red
    </low-red>
    <high-red>
      high-red
    </high-red>
    <max-low-red>
      max-low-red
    </max-low-red>
    <max-high-red>
      max-high-red
    </max-high-red>
  </linear-red-drop-profile>
</atm-cos-queue-parameters>

```

Description**<linear-red-drop-profile>****Usage**

```

<atm-cos-queue>
  <atm-cos-queue-parameters>
    <linear-red-drop-profile>
      <queue-depth>
        queue-depth
      </queue-depth>
      <low-red>
        low-red
      </low-red>
      <high-red>
        high-red
      </high-red>
      <max-low-red>
        max-low-red
      </max-low-red>
      <max-high-red>
        max-high-red
      </max-high-red>
    </linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>

```

Description

<linear-red-drop-profile>

Usage

```
<atm-cos-information>
  <atm-cos-queue>
    <atm-cos-queue-parameters>
      <linear-red-drop-profile>
        <queue-depth>
          queue-depth
        </queue-depth>
        <low-red>
          low-red
        </low-red>
        <high-red>
          high-red
        </high-red>
        <max-low-red>
          max-low-red
        </max-low-red>
        <max-high-red>
          max-high-red
        </max-high-red>
      </linear-red-drop-profile>
    </atm-cos-queue-parameters>
  </atm-cos-queue>
</atm-cos-information>
```

Description

<linear-red-drop-profile>

Usage

```
<virtual-circuit-information>
  <atm-cos-information>
    <atm-cos-queue>
      <atm-cos-queue-parameters>
        <linear-red-drop-profile>
          <queue-depth>
            queue-depth
          </queue-depth>
          <low-red>
            low-red
          </low-red>
          <high-red>
            high-red
          </high-red>
          <max-low-red>
            max-low-red
          </max-low-red>
          <max-high-red>
            max-high-red
          </max-high-red>
        </linear-red-drop-profile>
      </atm-cos-queue-parameters>
    </atm-cos-queue>
  </atm-cos-information>
</virtual-circuit-information>
```



```

    </atm-cos-information>
  </virtual-circuit-information>

```

Description

<linear-red-drop-profile>

Usage

```

<logical-interface>
  <virtual-circuit-information>
    <atm-cos-information>
      <atm-cos-queue>
        <atm-cos-queue-parameters>
          <linear-red-drop-profile>
            <queue-depth>
              queue-depth
            </queue-depth>
            <low-red>
              low-red
            </low-red>
            <high-red>
              high-red
            </high-red>
            <max-low-red>
              max-low-red
            </max-low-red>
            <max-high-red>
              max-high-red
            </max-high-red>
          </linear-red-drop-profile>
        </atm-cos-queue-parameters>
      </atm-cos-queue>
    </atm-cos-information>
  </virtual-circuit-information>
</logical-interface>

```

Description

<linear-red-drop-profile>

Usage

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-parameters>
            <linear-red-drop-profile>
              <queue-depth>
                queue-depth
              </queue-depth>
              <low-red>
                low-red
              </low-red>

```

```
<high-red>
  high-red
</high-red>
<max-low-red>
  max-low-red
</max-low-red>
<max-high-red>
  max-high-red
</max-high-red>
</linear-red-drop-profile>
</atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<linear-red-drop-profile>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
<atm-cos-queue-parameters>
<linear-red-drop-profile>
  <queue-depth>
    queue-depth
  </queue-depth>
  <low-red>
    low-red
  </low-red>
  <high-red>
    high-red
  </high-red>
  <max-low-red>
    max-low-red
  </max-low-red>
  <max-high-red>
    max-high-red
  </max-high-red>
</linear-red-drop-profile>
</atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<linear-red-drop-profile>

Usage

```

<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-parameters>
            <linear-red-drop-profile>
              <queue-depth>
                queue-depth
              </queue-depth>
              <low-red>
                low-red
              </low-red>
              <high-red>
                high-red
              </high-red>
              <max-low-red>
                max-low-red
              </max-low-red>
              <max-high-red>
                max-high-red
              </max-high-red>
            </linear-red-drop-profile>
          </atm-cos-queue-parameters>
        </atm-cos-queue>
      </atm-cos-information>
    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description

<linear-red-drop-profile>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-queue-parameters>
              <linear-red-drop-profile>
                <queue-depth>
                  queue-depth
                </queue-depth>
                <low-red>
                  low-red
                </low-red>
                <high-red>

```

```
        high-red
      </high-red>
    <max-low-red>
      max-low-red
    </max-low-red>
    <max-high-red>
      max-high-red
    </max-high-red>
  </linear-red-drop-profile>
</atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<linear-red-drop-profile>

Usage

```
<interface-filter-information>
<logical-interface>
<virtual-circuit-information>
<atm-cos-information>
<atm-cos-queue>
  <atm-cos-queue-parameters>
    <linear-red-drop-profile>
      <queue-depth>
        queue-depth
      </queue-depth>
      <low-red>
        low-red
      </low-red>
      <high-red>
        high-red
      </high-red>
      <max-low-red>
        max-low-red
      </max-low-red>
      <max-high-red>
        max-high-red
      </max-high-red>
    </linear-red-drop-profile>
  </atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description

<linear-red-drop-profile>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <atm-cos-information>
          <atm-cos-queue>
            <atm-cos-queue-parameters>
              <linear-red-drop-profile>
                <queue-depth>
                  queue-depth
                </queue-depth>
                <low-red>
                  low-red
                </low-red>
                <high-red>
                  high-red
                </high-red>
                <max-low-red>
                  max-low-red
                </max-low-red>
                <max-high-red>
                  max-high-red
                </max-high-red>
              </linear-red-drop-profile>
            </atm-cos-queue-parameters>
          </atm-cos-queue>
        </atm-cos-information>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<linear-red-drop-profile>

Usage

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <atm-cos-information>
        <atm-cos-queue>
          <atm-cos-queue-parameters>
            <linear-red-drop-profile>
              <queue-depth>
                queue-depth
              </queue-depth>
              <low-red>
                low-red
              </low-red>
              <high-red>
                high-red

```

```
</high-red>
<max-low-red>
  max-low-red
</max-low-red>
<max-high-red>
  max-high-red
</max-high-red>
</linear-red-drop-profile>
</atm-cos-queue-parameters>
</atm-cos-queue>
</atm-cos-information>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<link>

Usage

```
<multilink-traffic-statistics>
  <link>
    <name>
      name
    </name>
    <down>
      down
    </down>
    <link-uptime>
      link-uptime
    </link-uptime>
    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
```

```

</link>
</multilink-traffic-statistics>

```

Description

<link>

Usage

```

<logical-interface>
<multilink-traffic-statistics>
  <link>
    <name>
      name
    </name>
    <down>
      down
    </down>
    <link-uptime>
      link-uptime
    </link-uptime>
    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </link>
</multilink-traffic-statistics>
</logical-interface>

```

Description

<link>

Usage

```

<physical-interface>

```

```
<logical-interface>
  <multilink-traffic-statistics>
    <link>
      <name>
        name
      </name>
      <down>
        down
      </down>
      <link-uptime>
        link-uptime
      </link-uptime>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </link>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<link>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <link>
          <name>
            name
          </name>
          <down>
```



```

    down
  </down>
  <link-uptime>
    link-uptime
  </link-uptime>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</link>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<link>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <link-uptime>
          link-uptime
        </link-uptime>
        <input-frames>
          input-frames

```

```
</input-frames>
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</link>
</multilink-traffic-statistics>
</logical-interface>
</interface-information>
```

Description

[<link>](#)

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <link>
          <name>
            name
          </name>
          <down>
            down
          </down>
          <link-uptime>
            link-uptime
          </link-uptime>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
```

```

    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </link>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<link>

Usage

```

<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <link-uptime>
          link-uptime
        </link-uptime>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>

```

```
        output-fps
      </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </link>
</multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>
```

Description

<link>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <link>
          <name>
            name
          </name>
          <down>
            down
          </down>
          <link-uptime>
            link-uptime
          </link-uptime>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
```

```

        </output-bps>
      </link>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<link>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <link-uptime>
          link-uptime
        </link-uptime>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </link>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description

<link-entry>

Usage

```

<physical-interface>
  <links>
    <link-entry>
      <link-id>
        link-id
      </link-id>
      <active-alarms>....</active-alarms>
      <active-defects>....</active-defects>
      <sonet-errors>....</sonet-errors>
      <sonet-physical-information>....</sonet-physical-information>
      <sonet-section-information>....</sonet-section-information>
      <sonet-line-information>....</sonet-line-information>
      <sonet-path-information>....</sonet-path-information>
      <sonet-payload-pointer-information>....</sonet-payload-pointer-information>

      <sonet-payload-pointer-curptr>
        sonet-payload-pointer-curptr
      </sonet-payload-pointer-curptr>
      <sonet-payload-pointer-ptrinc-count>
        sonet-payload-pointer-ptrinc-count
      </sonet-payload-pointer-ptrinc-count>
      <sonet-payload-pointer-ptrdec-count>
        sonet-payload-pointer-ptrdec-count
      </sonet-payload-pointer-ptrdec-count>
      <sonet-payload-pointer-newptr-ndf-count>
        sonet-payload-pointer-newptr-ndf-count
      </sonet-payload-pointer-newptr-ndf-count>
      <sonet-vt-information>....</sonet-vt-information>
      <sonet-rx-overhead>
        sonet-rx-overhead
      </sonet-rx-overhead>
      <sonet-tx-overhead>
        sonet-tx-overhead
      </sonet-tx-overhead>
      <sonet-rx-path-trace>
        sonet-rx-path-trace
      </sonet-rx-path-trace>
      <sonet-tx-path-trace>
        sonet-tx-path-trace
      </sonet-tx-path-trace>
      <optics-diagnostics>....</optics-diagnostics>
    </link-entry>
  </links>
</physical-interface>

```

Description SONET/SDH link information

<link-entry>

Usage

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <link-id>
          link-id
        </link-id>
        <active-alarms>....</active-alarms>
        <active-defects>....</active-defects>
        <sonet-errors>....</sonet-errors>
        <sonet-physical-information>....</sonet-physical-information>
        <sonet-section-information>....</sonet-section-information>
        <sonet-line-information>....</sonet-line-information>
        <sonet-path-information>....</sonet-path-information>
        <sonet-payload-pointer-information>....</sonet-payload-pointer-information>

        <sonet-payload-pointer-curptr>
          sonet-payload-pointer-curptr
        </sonet-payload-pointer-curptr>
        <sonet-payload-pointer-ptrinc-count>
          sonet-payload-pointer-ptrinc-count
        </sonet-payload-pointer-ptrinc-count>
        <sonet-payload-pointer-ptrdec-count>
          sonet-payload-pointer-ptrdec-count
        </sonet-payload-pointer-ptrdec-count>
        <sonet-payload-pointer-newptr-ndf-count>
          sonet-payload-pointer-newptr-ndf-count
        </sonet-payload-pointer-newptr-ndf-count>
        <sonet-vt-information>....</sonet-vt-information>
        <sonet-rx-overhead>
          sonet-rx-overhead
        </sonet-rx-overhead>
        <sonet-tx-overhead>
          sonet-tx-overhead
        </sonet-tx-overhead>
        <sonet-rx-path-trace>
          sonet-rx-path-trace
        </sonet-rx-path-trace>
        <sonet-tx-path-trace>
          sonet-tx-path-trace
        </sonet-tx-path-trace>
        <optics-diagnostics>....</optics-diagnostics>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

Description SONET/SDH link information

<link-entry>

Usage

```

<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <link-id>
          link-id
        </link-id>
        <active-alarms>....</active-alarms>
        <active-defects>....</active-defects>
        <sonet-errors>....</sonet-errors>
        <sonet-physical-information>....</sonet-physical-information>
        <sonet-section-information>....</sonet-section-information>
        <sonet-line-information>....</sonet-line-information>
        <sonet-path-information>....</sonet-path-information>
        <sonet-payload-pointer-information>....</sonet-payload-pointer-information>

        <sonet-payload-pointer-curptr>
          sonet-payload-pointer-curptr
        </sonet-payload-pointer-curptr>
        <sonet-payload-pointer-ptrinc-count>
          sonet-payload-pointer-ptrinc-count
        </sonet-payload-pointer-ptrinc-count>
        <sonet-payload-pointer-ptrdec-count>
          sonet-payload-pointer-ptrdec-count
        </sonet-payload-pointer-ptrdec-count>
        <sonet-payload-pointer-newptr-ndf-count>
          sonet-payload-pointer-newptr-ndf-count
        </sonet-payload-pointer-newptr-ndf-count>
        <sonet-vt-information>....</sonet-vt-information>
        <sonet-rx-overhead>
          sonet-rx-overhead
        </sonet-rx-overhead>
        <sonet-tx-overhead>
          sonet-tx-overhead
        </sonet-tx-overhead>
        <sonet-rx-path-trace>
          sonet-rx-path-trace
        </sonet-rx-path-trace>
        <sonet-tx-path-trace>
          sonet-tx-path-trace
        </sonet-tx-path-trace>
        <optics-diagnostics>....</optics-diagnostics>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>

```

Description SONET/SDH link information

<link-entry>

Usage

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <link-id>
          link-id
        </link-id>
        <active-alarms>....</active-alarms>
        <active-defects>....</active-defects>
        <sonet-errors>....</sonet-errors>
        <sonet-physical-information>....</sonet-physical-information>
        <sonet-section-information>....</sonet-section-information>
        <sonet-line-information>....</sonet-line-information>
        <sonet-path-information>....</sonet-path-information>
        <sonet-payload-pointer-information>....</sonet-payload-pointer-information>

        <sonet-payload-pointer-curptr>
          sonet-payload-pointer-curptr
        </sonet-payload-pointer-curptr>
        <sonet-payload-pointer-ptrinc-count>
          sonet-payload-pointer-ptrinc-count
        </sonet-payload-pointer-ptrinc-count>
        <sonet-payload-pointer-ptrdec-count>
          sonet-payload-pointer-ptrdec-count
        </sonet-payload-pointer-ptrdec-count>
        <sonet-payload-pointer-newptr-ndf-count>
          sonet-payload-pointer-newptr-ndf-count
        </sonet-payload-pointer-newptr-ndf-count>
        <sonet-vt-information>....</sonet-vt-information>
        <sonet-rx-overhead>
          sonet-rx-overhead
        </sonet-rx-overhead>
        <sonet-tx-overhead>
          sonet-tx-overhead
        </sonet-tx-overhead>
        <sonet-rx-path-trace>
          sonet-rx-path-trace
        </sonet-rx-path-trace>
        <sonet-tx-path-trace>
          sonet-tx-path-trace
        </sonet-tx-path-trace>
        <optics-diagnostics>....</optics-diagnostics>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>

```

Description SONET/SDH link information

<links>

Usage

```
<physical-interface>
  <links>
    <link-entry>....</link-entry>
  </links>
</physical-interface>
```

Description Aggregated SONET/SDH link information

<links>

Usage

```
<interface-information>
  <physical-interface>
    <links>
      <link-entry>....</link-entry>
    </links>
  </physical-interface>
</interface-information>
```

Description Aggregated SONET/SDH link information

<links>

Usage

```
<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>....</link-entry>
    </links>
  </physical-interface>
</interface-filter-information>
```

Description Aggregated SONET/SDH link information

<links>

Usage

```
<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>....</link-entry>
    </links>
  </physical-interface>
</interface-policer-information>
```

Description Aggregated SONET/SDH link information

<lmi-dce-config>**Usage**

```

<physical-interface>
  <lmi-dce-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n392dce>
      lmi-n392dce
    </lmi-n392dce>
    <lmi-n393dce>
      lmi-n393dce
    </lmi-n393dce>
    <lmi-t392dce>
      lmi-t392dce
    </lmi-t392dce>
  </lmi-dce-config>
</physical-interface>

```

Description Configured LMI DCE setting on this interface

<lmi-dce-config>**Usage**

```

<interface-information>
  <physical-interface>
    <lmi-dce-config>
      <lmi-type>
        lmi-type
      </lmi-type>
      <lmi-n392dce>
        lmi-n392dce
      </lmi-n392dce>
      <lmi-n393dce>
        lmi-n393dce
      </lmi-n393dce>
      <lmi-t392dce>
        lmi-t392dce
      </lmi-t392dce>
    </lmi-dce-config>
  </physical-interface>
</interface-information>

```

Description Configured LMI DCE setting on this interface

<lmi-dce-config>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <lmi-dce-config>

```

```
<lmi-type>
  lmi-type
</lmi-type>
<lmi-n392dce>
  lmi-n392dce
</lmi-n392dce>
<lmi-n393dce>
  lmi-n393dce
</lmi-n393dce>
<lmi-t392dce>
  lmi-t392dce
</lmi-t392dce>
</lmi-dce-config>
</physical-interface>
</interface-filter-information>
```

Description Configured LMI DCE setting on this interface

<lmi-dce-config>

Usage

```
<interface-policer-information>
<physical-interface>
  <lmi-dce-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n392dce>
      lmi-n392dce
    </lmi-n392dce>
    <lmi-n393dce>
      lmi-n393dce
    </lmi-n393dce>
    <lmi-t392dce>
      lmi-t392dce
    </lmi-t392dce>
  </lmi-dce-config>
</physical-interface>
</interface-policer-information>
```

Description Configured LMI DCE setting on this interface

<lmi-dte-config>

Usage

```
<physical-interface>
  <lmi-dte-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n391dte>
      lmi-n391dte
    </lmi-n391dte>
```

```

<lmi-n392dte>
  lmi-n392dte
</lmi-n392dte>
<lmi-n393dte>
  lmi-n393dte
</lmi-n393dte>
<lmi-t391dte>
  lmi-t391dte
</lmi-t391dte>
</lmi-dte-config>
</physical-interface>

```

Description Configured LMI DTE setting on this interface

<lmi-dte-config>

Usage

```

<interface-information>
<physical-interface>
  <lmi-dte-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n391dte>
      lmi-n391dte
    </lmi-n391dte>
    <lmi-n392dte>
      lmi-n392dte
    </lmi-n392dte>
    <lmi-n393dte>
      lmi-n393dte
    </lmi-n393dte>
    <lmi-t391dte>
      lmi-t391dte
    </lmi-t391dte>
  </lmi-dte-config>
</physical-interface>
</interface-information>

```

Description Configured LMI DTE setting on this interface

<lmi-dte-config>

Usage

```

<interface-filter-information>
<physical-interface>
  <lmi-dte-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n391dte>
      lmi-n391dte
    </lmi-n391dte>

```

```
<lmi-n392dte>
  lmi-n392dte
</lmi-n392dte>
<lmi-n393dte>
  lmi-n393dte
</lmi-n393dte>
<lmi-t391dte>
  lmi-t391dte
</lmi-t391dte>
</lmi-dte-config>
</physical-interface>
</interface-filter-information>
```

Description Configured LMI DTE setting on this interface

<lmi-dte-config>

Usage

```
<interface-policer-information>
<physical-interface>
  <lmi-dte-config>
    <lmi-type>
      lmi-type
    </lmi-type>
    <lmi-n391dte>
      lmi-n391dte
    </lmi-n391dte>
    <lmi-n392dte>
      lmi-n392dte
    </lmi-n392dte>
    <lmi-n393dte>
      lmi-n393dte
    </lmi-n393dte>
    <lmi-t391dte>
      lmi-t391dte
    </lmi-t391dte>
  </lmi-dte-config>
</physical-interface>
</interface-policer-information>
```

Description Configured LMI DTE setting on this interface

<lmi-statistics>

Usage

```
<lmi-statistics>
  <lmi-statistics-dte-descriptor>
    lmi-statistics-dte-descriptor
  </lmi-statistics-dte-descriptor>
  <lmi-enquiries-sent>
    lmi-enquiries-sent
  </lmi-enquiries-sent>
  <lmi-full-enquiries-sent>
```

```

    lmi-full-enquiries-sent
  </lmi-full-enquiries-sent>
  <lmi-enquiry-responses-received>
    lmi-enquiry-responses-received
  </lmi-enquiry-responses-received>
  <lmi-full-enquiry-responses-received>
    lmi-full-enquiry-responses-received
  </lmi-full-enquiry-responses-received>
  <lmi-statistics-dce-descriptor>
    lmi-statistics-dce-descriptor
  </lmi-statistics-dce-descriptor>
  <lmi-enquiries-received>
    lmi-enquiries-received
  </lmi-enquiries-received>
  <lmi-full-enquiries-received>
    lmi-full-enquiries-received
  </lmi-full-enquiries-received>
  <lmi-enquiry-responses-sent>
    lmi-enquiry-responses-sent
  </lmi-enquiry-responses-sent>
  <lmi-full-enquiry-responses-sent>
    lmi-full-enquiry-responses-sent
  </lmi-full-enquiry-responses-sent>
  <lmi-statistics-common-descriptor>
    lmi-statistics-common-descriptor
  </lmi-statistics-common-descriptor>
  <lmi-unknown-messages-received>
    lmi-unknown-messages-received
  </lmi-unknown-messages-received>
  <lmi-asynchronous-updates-received>
    lmi-asynchronous-updates-received
  </lmi-asynchronous-updates-received>
  <lmi-out-of-sequence>
    lmi-out-of-sequence
  </lmi-out-of-sequence>
  <lmi-keepalive-responses-timeout>
    lmi-keepalive-responses-timeout
  </lmi-keepalive-responses-timeout>
</lmi-statistics>

```

Description LMI statistics for an interface

<lmi-statistics>

Usage

```

<physical-interface>
  <lmi-statistics>
    <lmi-statistics-dte-descriptor>
      lmi-statistics-dte-descriptor
    </lmi-statistics-dte-descriptor>
    <lmi-enquiries-sent>
      lmi-enquiries-sent
    </lmi-enquiries-sent>
    <lmi-full-enquiries-sent>

```

```

    lmi-full-enquiries-sent
  </lmi-full-enquiries-sent>
  <lmi-enquiry-responses-received>
    lmi-enquiry-responses-received
  </lmi-enquiry-responses-received>
  <lmi-full-enquiry-responses-received>
    lmi-full-enquiry-responses-received
  </lmi-full-enquiry-responses-received>
  <lmi-statistics-dce-descriptor>
    lmi-statistics-dce-descriptor
  </lmi-statistics-dce-descriptor>
  <lmi-enquiries-received>
    lmi-enquiries-received
  </lmi-enquiries-received>
  <lmi-full-enquiries-received>
    lmi-full-enquiries-received
  </lmi-full-enquiries-received>
  <lmi-enquiry-responses-sent>
    lmi-enquiry-responses-sent
  </lmi-enquiry-responses-sent>
  <lmi-full-enquiry-responses-sent>
    lmi-full-enquiry-responses-sent
  </lmi-full-enquiry-responses-sent>
  <lmi-statistics-common-descriptor>
    lmi-statistics-common-descriptor
  </lmi-statistics-common-descriptor>
  <lmi-unknown-messages-received>
    lmi-unknown-messages-received
  </lmi-unknown-messages-received>
  <lmi-asynchronous-updates-received>
    lmi-asynchronous-updates-received
  </lmi-asynchronous-updates-received>
  <lmi-out-of-sequence>
    lmi-out-of-sequence
  </lmi-out-of-sequence>
  <lmi-keepalive-responses-timeout>
    lmi-keepalive-responses-timeout
  </lmi-keepalive-responses-timeout>
</lmi-statistics>
</physical-interface>

```

Description LMI statistics for an interface

<lmi-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <lmi-statistics>
      <lmi-statistics-dte-descriptor>
        lmi-statistics-dte-descriptor
      </lmi-statistics-dte-descriptor>
      <lmi-enquiries-sent>
        lmi-enquiries-sent

```



```

</lmi-enquiries-sent>
<lmi-full-enquiries-sent>
  lmi-full-enquiries-sent
</lmi-full-enquiries-sent>
<lmi-enquiry-responses-received>
  lmi-enquiry-responses-received
</lmi-enquiry-responses-received>
<lmi-full-enquiry-responses-received>
  lmi-full-enquiry-responses-received
</lmi-full-enquiry-responses-received>
<lmi-statistics-dce-descriptor>
  lmi-statistics-dce-descriptor
</lmi-statistics-dce-descriptor>
<lmi-enquiries-received>
  lmi-enquiries-received
</lmi-enquiries-received>
<lmi-full-enquiries-received>
  lmi-full-enquiries-received
</lmi-full-enquiries-received>
<lmi-enquiry-responses-sent>
  lmi-enquiry-responses-sent
</lmi-enquiry-responses-sent>
<lmi-full-enquiry-responses-sent>
  lmi-full-enquiry-responses-sent
</lmi-full-enquiry-responses-sent>
<lmi-statistics-common-descriptor>
  lmi-statistics-common-descriptor
</lmi-statistics-common-descriptor>
<lmi-unknown-messages-received>
  lmi-unknown-messages-received
</lmi-unknown-messages-received>
<lmi-asynchronous-updates-received>
  lmi-asynchronous-updates-received
</lmi-asynchronous-updates-received>
<lmi-out-of-sequence>
  lmi-out-of-sequence
</lmi-out-of-sequence>
<lmi-keepalive-responses-timeout>
  lmi-keepalive-responses-timeout
</lmi-keepalive-responses-timeout>
</lmi-statistics>
</physical-interface>
</interface-information>

```

Description LMI statistics for an interface

<lmi-statistics>

Usage

```

<interface-filter-information>
<physical-interface>
  <lmi-statistics>
    <lmi-statistics-dte-descriptor>
      lmi-statistics-dte-descriptor

```

```

</lmi-statistics-dte-descriptor>
<lmi-enquiries-sent>
  lmi-enquiries-sent
</lmi-enquiries-sent>
<lmi-full-enquiries-sent>
  lmi-full-enquiries-sent
</lmi-full-enquiries-sent>
<lmi-enquiry-responses-received>
  lmi-enquiry-responses-received
</lmi-enquiry-responses-received>
<lmi-full-enquiry-responses-received>
  lmi-full-enquiry-responses-received
</lmi-full-enquiry-responses-received>
<lmi-statistics-dce-descriptor>
  lmi-statistics-dce-descriptor
</lmi-statistics-dce-descriptor>
<lmi-enquiries-received>
  lmi-enquiries-received
</lmi-enquiries-received>
<lmi-full-enquiries-received>
  lmi-full-enquiries-received
</lmi-full-enquiries-received>
<lmi-enquiry-responses-sent>
  lmi-enquiry-responses-sent
</lmi-enquiry-responses-sent>
<lmi-full-enquiry-responses-sent>
  lmi-full-enquiry-responses-sent
</lmi-full-enquiry-responses-sent>
<lmi-statistics-common-descriptor>
  lmi-statistics-common-descriptor
</lmi-statistics-common-descriptor>
<lmi-unknown-messages-received>
  lmi-unknown-messages-received
</lmi-unknown-messages-received>
<lmi-asynchronous-updates-received>
  lmi-asynchronous-updates-received
</lmi-asynchronous-updates-received>
<lmi-out-of-sequence>
  lmi-out-of-sequence
</lmi-out-of-sequence>
<lmi-keepalive-responses-timeout>
  lmi-keepalive-responses-timeout
</lmi-keepalive-responses-timeout>
</lmi-statistics>
</physical-interface>
</interface-filter-information>

```

Description LMI statistics for an interface

<lmi-statistics>

Usage

```

<interface-policer-information>
<physical-interface>

```

```

<lmi-statistics>
  <lmi-statistics-dte-descriptor>
    lmi-statistics-dte-descriptor
  </lmi-statistics-dte-descriptor>
  <lmi-enquiries-sent>
    lmi-enquiries-sent
  </lmi-enquiries-sent>
  <lmi-full-enquiries-sent>
    lmi-full-enquiries-sent
  </lmi-full-enquiries-sent>
  <lmi-enquiry-responses-received>
    lmi-enquiry-responses-received
  </lmi-enquiry-responses-received>
  <lmi-full-enquiry-responses-received>
    lmi-full-enquiry-responses-received
  </lmi-full-enquiry-responses-received>
  <lmi-statistics-dce-descriptor>
    lmi-statistics-dce-descriptor
  </lmi-statistics-dce-descriptor>
  <lmi-enquiries-received>
    lmi-enquiries-received
  </lmi-enquiries-received>
  <lmi-full-enquiries-received>
    lmi-full-enquiries-received
  </lmi-full-enquiries-received>
  <lmi-enquiry-responses-sent>
    lmi-enquiry-responses-sent
  </lmi-enquiry-responses-sent>
  <lmi-full-enquiry-responses-sent>
    lmi-full-enquiry-responses-sent
  </lmi-full-enquiry-responses-sent>
  <lmi-statistics-common-descriptor>
    lmi-statistics-common-descriptor
  </lmi-statistics-common-descriptor>
  <lmi-unknown-messages-received>
    lmi-unknown-messages-received
  </lmi-unknown-messages-received>
  <lmi-asynchronous-updates-received>
    lmi-asynchronous-updates-received
  </lmi-asynchronous-updates-received>
  <lmi-out-of-sequence>
    lmi-out-of-sequence
  </lmi-out-of-sequence>
  <lmi-keepalive-responses-timeout>
    lmi-keepalive-responses-timeout
  </lmi-keepalive-responses-timeout>
</lmi-statistics>
</physical-interface>
</interface-policer-information>

```

Description LMI statistics for an interface

<local-info>

Usage

```
<ethernet-autonegotiation>
  <local-info>
    <local-flow-control>
      local-flow-control
    </local-flow-control>
    <local-remote-fault>
      local-remote-fault
    </local-remote-fault>
    <local-link-speed>
      local-link-speed
    </local-link-speed>
    <local-link-duplexity>
      local-link-duplexity
    </local-link-duplexity>
  </local-info>
</ethernet-autonegotiation>
```

Description Auto-negotiation status of local partner

<local-info>

Usage

```
<jswitch-port-information>
  <jswitch-port>
    <ethernet-autonegotiation>
      <local-info>
        <local-flow-control>
          local-flow-control
        </local-flow-control>
        <local-remote-fault>
          local-remote-fault
        </local-remote-fault>
        <local-link-speed>
          local-link-speed
        </local-link-speed>
        <local-link-duplexity>
          local-link-duplexity
        </local-link-duplexity>
      </local-info>
    </ethernet-autonegotiation>
  </jswitch-port>
</jswitch-port-information>
```

Description Auto-negotiation status of local partner

<local-info>

Usage

```
<physical-interface>
```

```

<ethernet-autonegotiation>
  <local-info>
    <local-flow-control>
      local-flow-control
    </local-flow-control>
    <local-remote-fault>
      local-remote-fault
    </local-remote-fault>
    <local-link-speed>
      local-link-speed
    </local-link-speed>
    <local-link-duplexity>
      local-link-duplexity
    </local-link-duplexity>
  </local-info>
</ethernet-autonegotiation>
</physical-interface>

```

Description Auto-negotiation status of local partner

<local-info>

Usage

```

<physical-interface>
  <local-info>
    <local-flow-control>
      local-flow-control
    </local-flow-control>
    <local-remote-fault>
      local-remote-fault
    </local-remote-fault>
    <local-link-speed>
      local-link-speed
    </local-link-speed>
    <local-link-duplexity>
      local-link-duplexity
    </local-link-duplexity>
  </local-info>
</physical-interface>

```

Description Auto-negotiation status of local partner

<local-info>

Usage

```

<interface-information>
  <physical-interface>
    <ethernet-autonegotiation>
      <local-info>
        <local-flow-control>
          local-flow-control
        </local-flow-control>
        <local-remote-fault>

```

```
    local-remote-fault
  </local-remote-fault>
  <local-link-speed>
    local-link-speed
  </local-link-speed>
  <local-link-duplexity>
    local-link-duplexity
  </local-link-duplexity>
</local-info>
</ethernet-autonegotiation>
</physical-interface>
</interface-information>
```

Description Auto-negotiation status of local partner

<local-info>

Usage

```
<interface-information>
  <physical-interface>
    <local-info>
      <local-flow-control>
        local-flow-control
      </local-flow-control>
      <local-remote-fault>
        local-remote-fault
      </local-remote-fault>
      <local-link-speed>
        local-link-speed
      </local-link-speed>
      <local-link-duplexity>
        local-link-duplexity
      </local-link-duplexity>
    </local-info>
  </physical-interface>
</interface-information>
```

Description Auto-negotiation status of local partner

<local-info>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ethernet-autonegotiation>
      <local-info>
        <local-flow-control>
          local-flow-control
        </local-flow-control>
        <local-remote-fault>
          local-remote-fault
        </local-remote-fault>
        <local-link-speed>
```

```

        local-link-speed
      </local-link-speed>
      <local-link-duplexity>
        local-link-duplexity
      </local-link-duplexity>
    </local-info>
  </ethernet-autonegotiation>
</physical-interface>
</interface-filter-information>

```

Description Auto-negotiation status of local partner

<local-info>

Usage

```

<interface-filter-information>
<physical-interface>
  <local-info>
    <local-flow-control>
      local-flow-control
    </local-flow-control>
    <local-remote-fault>
      local-remote-fault
    </local-remote-fault>
    <local-link-speed>
      local-link-speed
    </local-link-speed>
    <local-link-duplexity>
      local-link-duplexity
    </local-link-duplexity>
  </local-info>
</physical-interface>
</interface-filter-information>

```

Description Auto-negotiation status of local partner

<local-info>

Usage

```

<interface-policer-information>
<physical-interface>
  <ethernet-autonegotiation>
    <local-info>
      <local-flow-control>
        local-flow-control
      </local-flow-control>
      <local-remote-fault>
        local-remote-fault
      </local-remote-fault>
      <local-link-speed>
        local-link-speed
      </local-link-speed>
      <local-link-duplexity>

```

```
        local-link-duplexity
      </local-link-duplexity>
    </local-info>
  </ethernet-autonegotiation>
</physical-interface>
</interface-policer-information>
```

Description Auto-negotiation status of local partner

<local-info>

Usage

```
<interface-policer-information>
<physical-interface>
  <local-info>
    <local-flow-control>
      local-flow-control
    </local-flow-control>
    <local-remote-fault>
      local-remote-fault
    </local-remote-fault>
    <local-link-speed>
      local-link-speed
    </local-link-speed>
    <local-link-duplexity>
      local-link-duplexity
    </local-link-duplexity>
  </local-info>
</physical-interface>
</interface-policer-information>
```

Description Auto-negotiation status of local partner

<local-traffic-statistics>

Usage

```
<local-traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
```



```

        output-packets
      </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
  </local-traffic-statistics>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```

<logical-interface>
  <local-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
  </local-traffic-statistics>
</logical-interface>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <local-traffic-statistics>
      <input-bytes>

```

```
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
</local-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <local-traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
```

```

    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
  </local-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```

<interface-information>
  <logical-interface>
    <local-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
    </local-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```

<interface-filter-information>

```

```
<physical-interface>
  <logical-interface>
    <local-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
    </local-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <local-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
```

```

</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
</local-traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
  <local-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
  </local-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Statistics for locally originated traffic

<local-traffic-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <local-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
    </local-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description Statistics for locally originated traffic

<location-name-information>

Usage

```
<location-name-information>
  <interface-name>
    interface-name
  </interface-name>
  <fpc-number>
    fpc-number
  </fpc-number>
  <lcc-number>
    lcc-number
  </lcc-number>
</location-name-information>
```

Description

<location-name-information>

Usage

```
<interface-location-name-information>
  <location-name-information>
    <interface-name>
      interface-name
    </interface-name>
    <fpc-number>
      fpc-number
    </fpc-number>
    <lcc-number>
      lcc-number
    </lcc-number>
  </location-name-information>
</interface-location-name-information>
```

Description

<location-slot-information>

Usage

```
<location-slot-information>
  <global-fpc-number>
    global-fpc-number
  </global-fpc-number>
</location-slot-information>
```

Description

<location-slot-information>

Usage

```
<interface-location-slot-information>
  <location-slot-information>
    <global-fpc-number>
      global-fpc-number
    </global-fpc-number>
  </location-slot-information>
</interface-location-slot-information>
```

Description

<logical-interface>

Usage

```
<logical-interface>
  <name>
    name
  </name>
  <admin-status>
    admin-status
  </admin-status>
```

```
<oper-status>
  oper-status
</oper-status>
<vrfname>
  vrfname
</vrfname>
<local-index>
  local-index
</local-index>
<hardware-token>
  hardware-token
</hardware-token>
<snmp-index>
  snmp-index
</snmp-index>
<generation>
  generation
</generation>
<description>
  description
</description>
<if-config-flags>....</if-config-flags>
<multilink-flapped>
  multilink-flapped
</multilink-flapped>
<link-address>
  link-address
</link-address>
<encapsulation>
  encapsulation
</encapsulation>
<interface-set-name>
  interface-set-name
</interface-set-name>
<demux-table-type>
  demux-table-type
</demux-table-type>
<gre-keepalive-configured>
  gre-keepalive-configured
</gre-keepalive-configured>
<gre-keepalive-adj-state>
  gre-keepalive-adj-state
</gre-keepalive-adj-state>
<copy-tos-to-outer-ip-header>
  copy-tos-to-outer-ip-header
</copy-tos-to-outer-ip-header>
<redundant-logical-interface-name>
  redundant-logical-interface-name
</redundant-logical-interface-name>
<layer2-input-policer-information>....</layer2-input-policer-information>
<layer2-output-policer-information>....</layer2-output-policer-information>
<pppoe-information>....</pppoe-information>
<demux-interface>....</demux-interface>
<demux-information>....</demux-information>
<dialer-time-to-disconnect>
  dialer-time-to-disconnect
```



```

</dialer-time-to-disconnect>
<dialer-information>....</dialer-information>
<shared-interface-information>....</shared-interface-information>
<logical-interface-mac>
  logical-interface-mac
</logical-interface-mac>
<mac-database>....</mac-database>
<logical-interface-bandwidth>
  logical-interface-bandwidth
</logical-interface-bandwidth>
<queue-counters>....</queue-counters>
<ingress-queue-counters>....</ingress-queue-counters>
<multilink-bundle-link-information>....</multilink-bundle-link-information>
<multilink-bundle-options>....</multilink-bundle-options>
<multilink-bundle-errors>....</multilink-bundle-errors>
<multilink-traffic-statistics>....</multilink-traffic-statistics>
<traffic-statistics>....</traffic-statistics>
<multicast-statistics>....</multicast-statistics>
<ingress-traffic-statistics>....</ingress-traffic-statistics>
<local-traffic-statistics>....</local-traffic-statistics>
<transit-traffic-statistics>....</transit-traffic-statistics>
<keepalive-config>....</keepalive-config>
<keepalive-statistics>....</keepalive-statistics>
<ppp-flags>....</ppp-flags>
<lcp-state>
  lcp-state
</lcp-state>
<ncp-information>....</ncp-information>
<chap-state>
  chap-state
</chap-state>
<pap-state>
  pap-state
</pap-state>
<virtual-circuit-information>....</virtual-circuit-information>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<address-family>....</address-family>
<bridge-iff-properties>....</bridge-iff-properties>
<in-arp-statistics>....</in-arp-statistics>
<l2circuit-info>....</l2circuit-info>
<irb-domain>....</irb-domain>
<media-information>....</media-information>
<multilink-bundle-status>....</multilink-bundle-status>
<multilink-bundle-class>....</multilink-bundle-class>
<lag-traffic-statistics>....</lag-traffic-statistics>
<layer2-input-policer-statistics>....</layer2-input-policer-statistics>
<layer2-output-policer-statistics>....</layer2-output-policer-statistics>
<mac-policer-information>....</mac-policer-information>
<ppp-parameters>....</ppp-parameters>
</logical-interface>

```

Description Information about a single logical interface

<logical-interface>

Usage

```
<physical-interface>
<logical-interface>
  <name>
    name
  </name>
  <admin-status>
    admin-status
  </admin-status>
  <oper-status>
    oper-status
  </oper-status>
  <vrfname>
    vrfname
  </vrfname>
  <local-index>
    local-index
  </local-index>
  <hardware-token>
    hardware-token
  </hardware-token>
  <snmp-index>
    snmp-index
  </snmp-index>
  <generation>
    generation
  </generation>
  <description>
    description
  </description>
  <if-config-flags>....</if-config-flags>
  <multilink-flapped>
    multilink-flapped
  </multilink-flapped>
  <link-address>
    link-address
  </link-address>
  <encapsulation>
    encapsulation
  </encapsulation>
  <interface-set-name>
    interface-set-name
  </interface-set-name>
  <demux-table-type>
    demux-table-type
  </demux-table-type>
  <gre-keepalive-configured>
    gre-keepalive-configured
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Description Information about a single logical interface

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Usage

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  </vrfname>
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    local-index
  </local-index>
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  </hardware-token>
  <snmp-index>
    snmp-index
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Description Information about a single logical interface

<logical-interface>

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Description Information about a single logical interface

<logical-interface>

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Description Information about a single logical interface

<logical-interface>

Usage

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      hardware-token
    </hardware-token>
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      snmp-index
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      generation
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Description Information about a single logical interface

<logical-interface>

Usage

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    name
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</lcp-state>
<ncp-information>....</ncp-information>
<chap-state>
  chap-state
</chap-state>
```

```

<pap-state>
  pap-state
</pap-state>
<virtual-circuit-information>....</virtual-circuit-information>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<address-family>....</address-family>
<bridge-iff-properties>....</bridge-iff-properties>
<in-arp-statistics>....</in-arp-statistics>
<l2circuit-info>....</l2circuit-info>
<irb-domain>....</irb-domain>
<media-information>....</media-information>
<multilink-bundle-status>....</multilink-bundle-status>
<multilink-bundle-class>....</multilink-bundle-class>
<lag-traffic-statistics>....</lag-traffic-statistics>
<layer2-input-policer-statistics>....</layer2-input-policer-statistics>
<layer2-output-policer-statistics>....</layer2-output-policer-statistics>
<mac-policer-information>....</mac-policer-information>
<ppp-parameters>....</ppp-parameters>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Information about a single logical interface

<logical-interface>

Usage

```

<interface-policer-information>
<logical-interface>
  <name>
    name
  </name>
  <admin-status>
    admin-status
  </admin-status>
  <oper-status>
    oper-status
  </oper-status>
  <vrfname>
    vrfname
  </vrfname>
  <local-index>
    local-index
  </local-index>
  <hardware-token>
    hardware-token
  </hardware-token>
  <snmp-index>
    snmp-index
  </snmp-index>
  <generation>
    generation
  </generation>

```

```
<description>
  description
</description>
<if-config-flags>....</if-config-flags>
<multilink-flapped>
  multilink-flapped
</multilink-flapped>
<link-address>
  link-address
</link-address>
<encapsulation>
  encapsulation
</encapsulation>
<interface-set-name>
  interface-set-name
</interface-set-name>
<demux-table-type>
  demux-table-type
</demux-table-type>
<gre-keepalive-configured>
  gre-keepalive-configured
</gre-keepalive-configured>
<gre-keepalive-adj-state>
  gre-keepalive-adj-state
</gre-keepalive-adj-state>
<copy-tos-to-outer-ip-header>
  copy-tos-to-outer-ip-header
</copy-tos-to-outer-ip-header>
<redundant-logical-interface-name>
  redundant-logical-interface-name
</redundant-logical-interface-name>
<layer2-input-policer-information>....</layer2-input-policer-information>
<layer2-output-policer-information>....</layer2-output-policer-information>
<pppoe-information>....</pppoe-information>
<demux-interface>....</demux-interface>
<demux-information>....</demux-information>
<dialer-time-to-disconnect>
  dialer-time-to-disconnect
</dialer-time-to-disconnect>
<dialer-information>....</dialer-information>
<shared-interface-information>....</shared-interface-information>
<logical-interface-mac>
  logical-interface-mac
</logical-interface-mac>
<mac-database>....</mac-database>
<logical-interface-bandwidth>
  logical-interface-bandwidth
</logical-interface-bandwidth>
<queue-counters>....</queue-counters>
<ingress-queue-counters>....</ingress-queue-counters>
<multilink-bundle-link-information>....</multilink-bundle-link-information>
<multilink-bundle-options>....</multilink-bundle-options>
<multilink-bundle-errors>....</multilink-bundle-errors>
<multilink-traffic-statistics>....</multilink-traffic-statistics>
<traffic-statistics>....</traffic-statistics>
<multicast-statistics>....</multicast-statistics>
```



```

<ingress-traffic-statistics>....</ingress-traffic-statistics>
<local-traffic-statistics>....</local-traffic-statistics>
<transit-traffic-statistics>....</transit-traffic-statistics>
<keepalive-config>....</keepalive-config>
<keepalive-statistics>....</keepalive-statistics>
<ppp-flags>....</ppp-flags>
<lcp-state>
  lcp-state
</lcp-state>
<ncp-information>....</ncp-information>
<chap-state>
  chap-state
</chap-state>
<pap-state>
  pap-state
</pap-state>
<virtual-circuit-information>....</virtual-circuit-information>
<filter-information>....</filter-information>
<policer-information>....</policer-information>
<address-family>....</address-family>
<bridge-iff-properties>....</bridge-iff-properties>
<in-arp-statistics>....</in-arp-statistics>
<l2circuit-info>....</l2circuit-info>
<irb-domain>....</irb-domain>
<media-information>....</media-information>
<multilink-bundle-status>....</multilink-bundle-status>
<multilink-bundle-class>....</multilink-bundle-class>
<lag-traffic-statistics>....</lag-traffic-statistics>
<layer2-input-policer-statistics>....</layer2-input-policer-statistics>
<layer2-output-policer-statistics>....</layer2-output-policer-statistics>
<mac-policer-information>....</mac-policer-information>
<ppp-parameters>....</ppp-parameters>
</logical-interface>
</interface-policer-information>

```

Description Information about a single logical interface

<lsi-traffic-statistics>

Usage

```

<lsi-traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <input-packets>
    input-packets
  </input-packets>
  <input-pps>
    input-pps
  </input-pps>

```

</lsi-traffic-statistics>

Description

<lsi-traffic-statistics>

Usage

```
<physical-interface>
  <lsi-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
  </lsi-traffic-statistics>
</physical-interface>
```

Description

<lsi-traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <lsi-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
    </lsi-traffic-statistics>
  </physical-interface>
</interface-information>
```

Description

<lsi-traffic-statistics>

Usage

```
<interface-filter-information>
```

```

<physical-interface>
  <lsi-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <input-packets>
      input-packets
    </input-packets>
    <input-pps>
      input-pps
    </input-pps>
  </lsi-traffic-statistics>
</physical-interface>
</interface-filter-information>

```

Description

<lsi-traffic-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <lsi-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <input-packets>
        input-packets
      </input-packets>
      <input-pps>
        input-pps
      </input-pps>
    </lsi-traffic-statistics>
  </physical-interface>
</interface-policer-information>

```

Description

<mac-database>

Usage

```

<mac-database>
  <mac-record>....</mac-record>
  <number-of-mac-record>
    number-of-mac-record
  </number-of-mac-record>
</mac-database>

```

Description

<mac-database>

Usage

```
<logical-interface>
  <mac-database>
    <mac-record>....</mac-record>
    <number-of-mac-record>
      number-of-mac-record
    </number-of-mac-record>
  </mac-database>
</logical-interface>
```

Description

<mac-database>

Usage

```
<physical-interface>
  <mac-database>
    <mac-record>....</mac-record>
    <number-of-mac-record>
      number-of-mac-record
    </number-of-mac-record>
  </mac-database>
</physical-interface>
```

Description

<mac-database>

Usage

```
<physical-interface>
  <logical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </logical-interface>
</physical-interface>
```

Description

<mac-database>

Usage

```
<interface-information>
  <physical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
```

```

        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </physical-interface>
</interface-information>

```

Description

<mac-database>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>....</mac-record>
        <number-of-mac-record>
          number-of-mac-record
        </number-of-mac-record>
      </mac-database>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description

<mac-database>

Usage

```

<interface-information>
  <logical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </logical-interface>
</interface-information>

```

Description

<mac-database>

Usage

```

<interface-filter-information>
  <physical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </physical-interface>

```

</interface-filter-information>

Description

<mac-database>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>....</mac-record>
        <number-of-mac-record>
          number-of-mac-record
        </number-of-mac-record>
      </mac-database>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<mac-database>

Usage

```
<interface-filter-information>
  <logical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </logical-interface>
</interface-filter-information>
```

Description

<mac-database>

Usage

```
<interface-policer-information>
  <physical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </physical-interface>
</interface-policer-information>
```

Description

<mac-database>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>....</mac-record>
        <number-of-mac-record>
          number-of-mac-record
        </number-of-mac-record>
      </mac-database>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<mac-database>

Usage

```

<interface-policer-information>
  <logical-interface>
    <mac-database>
      <mac-record>....</mac-record>
      <number-of-mac-record>
        number-of-mac-record
      </number-of-mac-record>
    </mac-database>
  </logical-interface>
</interface-policer-information>

```

Description

<mac-policer-information>

Usage

```

<mac-policer-information>
  <mac-address>
    mac-address
  </mac-address>
  <mac-entry-type>
    mac-entry-type
  </mac-entry-type>
  <receive-bytes>
    receive-bytes
  </receive-bytes>
  <transmit-bytes>
    transmit-bytes
  </transmit-bytes>
  <receive-frames>
    receive-frames
  </receive-frames>

```

```
<transmit-frames>
  transmit-frames
</transmit-frames>
<ether-policer-list>....</ether-policer-list>
</mac-policer-information>
```

Description

<mac-policer-information>

Usage

```
<logical-interface>
  <mac-policer-information>
    <mac-address>
      mac-address
    </mac-address>
    <mac-entry-type>
      mac-entry-type
    </mac-entry-type>
    <receive-bytes>
      receive-bytes
    </receive-bytes>
    <transmit-bytes>
      transmit-bytes
    </transmit-bytes>
    <receive-frames>
      receive-frames
    </receive-frames>
    <transmit-frames>
      transmit-frames
    </transmit-frames>
    <ether-policer-list>....</ether-policer-list>
  </mac-policer-information>
</logical-interface>
```

Description

<mac-policer-information>

Usage

```
<physical-interface>
  <logical-interface>
    <mac-policer-information>
      <mac-address>
        mac-address
      </mac-address>
      <mac-entry-type>
        mac-entry-type
      </mac-entry-type>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-bytes>
        transmit-bytes
```



```

    </transmit-bytes>
    <receive-frames>
      receive-frames
    </receive-frames>
    <transmit-frames>
      transmit-frames
    </transmit-frames>
    <ether-policer-list>....</ether-policer-list>
  </mac-policer-information>
</logical-interface>
</physical-interface>

```

Description

<mac-policer-information>

Usage

```

<interface-information>
  <physical-interface>
  <logical-interface>
    <mac-policer-information>
      <mac-address>
        mac-address
      </mac-address>
      <mac-entry-type>
        mac-entry-type
      </mac-entry-type>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
      <receive-frames>
        receive-frames
      </receive-frames>
      <transmit-frames>
        transmit-frames
      </transmit-frames>
      <ether-policer-list>....</ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</physical-interface>
</interface-information>

```

Description

<mac-policer-information>

Usage

```

<interface-information>
  <logical-interface>
    <mac-policer-information>
      <mac-address>

```

```
    mac-address
  </mac-address>
  <mac-entry-type>
    mac-entry-type
  </mac-entry-type>
  <receive-bytes>
    receive-bytes
  </receive-bytes>
  <transmit-bytes>
    transmit-bytes
  </transmit-bytes>
  <receive-frames>
    receive-frames
  </receive-frames>
  <transmit-frames>
    transmit-frames
  </transmit-frames>
  <ether-policer-list>....</ether-policer-list>
</mac-policer-information>
</logical-interface>
</interface-information>
```

Description

<mac-policer-information>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <mac-policer-information>
      <mac-address>
        mac-address
      </mac-address>
      <mac-entry-type>
        mac-entry-type
      </mac-entry-type>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
      <receive-frames>
        receive-frames
      </receive-frames>
      <transmit-frames>
        transmit-frames
      </transmit-frames>
      <ether-policer-list>....</ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<mac-policer-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <mac-policer-information>
      <mac-address>
        mac-address
      </mac-address>
      <mac-entry-type>
        mac-entry-type
      </mac-entry-type>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
      <receive-frames>
        receive-frames
      </receive-frames>
      <transmit-frames>
        transmit-frames
      </transmit-frames>
      <ether-policer-list>....</ether-policer-list>
    </mac-policer-information>
  </logical-interface>
</interface-filter-information>

```

Description

<mac-policer-information>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <mac-policer-information>
      <mac-address>
        mac-address
      </mac-address>
      <mac-entry-type>
        mac-entry-type
      </mac-entry-type>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
      <receive-frames>
        receive-frames
      </receive-frames>
    </mac-policer-information>
  </logical-interface>
</interface-policer-information>

```

```
<transmit-frames>
  transmit-frames
</transmit-frames>
<ether-policer-list>....</ether-policer-list>
</mac-policer-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<mac-policer-information>

Usage

```
<interface-policer-information>
<logical-interface>
  <mac-policer-information>
    <mac-address>
      mac-address
    </mac-address>
    <mac-entry-type>
      mac-entry-type
    </mac-entry-type>
    <receive-bytes>
      receive-bytes
    </receive-bytes>
    <transmit-bytes>
      transmit-bytes
    </transmit-bytes>
    <receive-frames>
      receive-frames
    </receive-frames>
    <transmit-frames>
      transmit-frames
    </transmit-frames>
    <ether-policer-list>....</ether-policer-list>
  </mac-policer-information>
</logical-interface>
</interface-policer-information>
```

Description

<mac-record>

Usage

```
<mac-database>
  <mac-record>
    <mac-address>
      mac-address
    </mac-address>
    <receive-frames>
      receive-frames
    </receive-frames>
    <receive-bytes>
```

```

        receive-bytes
      </receive-bytes>
    <transmit-frames>
      transmit-frames
    </transmit-frames>
    <transmit-bytes>
      transmit-bytes
    </transmit-bytes>
  </mac-record>
</mac-database>

```

Description

<mac-record>

Usage

```

<logical-interface>
  <mac-database>
    <mac-record>
      <mac-address>
        mac-address
      </mac-address>
      <receive-frames>
        receive-frames
      </receive-frames>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-frames>
        transmit-frames
      </transmit-frames>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
    </mac-record>
  </mac-database>
</logical-interface>

```

Description

<mac-record>

Usage

```

<physical-interface>
  <mac-database>
    <mac-record>
      <mac-address>
        mac-address
      </mac-address>
      <receive-frames>
        receive-frames
      </receive-frames>
      <receive-bytes>
        receive-bytes

```

```
</receive-bytes>
<transmit-frames>
  transmit-frames
</transmit-frames>
<transmit-bytes>
  transmit-bytes
</transmit-bytes>
</mac-record>
</mac-database>
</physical-interface>
```

Description

<mac-record>

Usage

```
<physical-interface>
<logical-interface>
  <mac-database>
    <mac-record>
      <mac-address>
        mac-address
      </mac-address>
      <receive-frames>
        receive-frames
      </receive-frames>
      <receive-bytes>
        receive-bytes
      </receive-bytes>
      <transmit-frames>
        transmit-frames
      </transmit-frames>
      <transmit-bytes>
        transmit-bytes
      </transmit-bytes>
    </mac-record>
  </mac-database>
</logical-interface>
</physical-interface>
```

Description

<mac-record>

Usage

```
<interface-information>
<physical-interface>
  <mac-database>
    <mac-record>
      <mac-address>
        mac-address
      </mac-address>
      <receive-frames>
        receive-frames
```

```

</receive-frames>
<receive-bytes>
  receive-bytes
</receive-bytes>
<transmit-frames>
  transmit-frames
</transmit-frames>
<transmit-bytes>
  transmit-bytes
</transmit-bytes>
</mac-record>
</mac-database>
</physical-interface>
</interface-information>

```

Description

<mac-record>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>
          <mac-address>
            mac-address
          </mac-address>
          <receive-frames>
            receive-frames
          </receive-frames>
          <receive-bytes>
            receive-bytes
          </receive-bytes>
          <transmit-frames>
            transmit-frames
          </transmit-frames>
          <transmit-bytes>
            transmit-bytes
          </transmit-bytes>
        </mac-record>
      </mac-database>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description

<mac-record>

Usage

```

<interface-information>
  <logical-interface>
    <mac-database>

```

```
<mac-record>
  <mac-address>
    mac-address
  </mac-address>
  <receive-frames>
    receive-frames
  </receive-frames>
  <receive-bytes>
    receive-bytes
  </receive-bytes>
  <transmit-frames>
    transmit-frames
  </transmit-frames>
  <transmit-bytes>
    transmit-bytes
  </transmit-bytes>
</mac-record>
</mac-database>
</logical-interface>
</interface-information>
```

Description

<mac-record>

Usage

```
<interface-filter-information>
  <physical-interface>
    <mac-database>
      <mac-record>
        <mac-address>
          mac-address
        </mac-address>
        <receive-frames>
          receive-frames
        </receive-frames>
        <receive-bytes>
          receive-bytes
        </receive-bytes>
        <transmit-frames>
          transmit-frames
        </transmit-frames>
        <transmit-bytes>
          transmit-bytes
        </transmit-bytes>
      </mac-record>
    </mac-database>
  </physical-interface>
</interface-filter-information>
```

Description

<mac-record>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>
          <mac-address>
            mac-address
          </mac-address>
          <receive-frames>
            receive-frames
          </receive-frames>
          <receive-bytes>
            receive-bytes
          </receive-bytes>
          <transmit-frames>
            transmit-frames
          </transmit-frames>
          <transmit-bytes>
            transmit-bytes
          </transmit-bytes>
        </mac-record>
      </mac-database>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description**<mac-record>****Usage**

```

<interface-filter-information>
  <logical-interface>
    <mac-database>
      <mac-record>
        <mac-address>
          mac-address
        </mac-address>
        <receive-frames>
          receive-frames
        </receive-frames>
        <receive-bytes>
          receive-bytes
        </receive-bytes>
        <transmit-frames>
          transmit-frames
        </transmit-frames>
        <transmit-bytes>
          transmit-bytes
        </transmit-bytes>
      </mac-record>
    </mac-database>

```

```
</logical-interface>
</interface-filter-information>
```

Description

<mac-record>

Usage

```
<interface-policer-information>
  <physical-interface>
    <mac-database>
      <mac-record>
        <mac-address>
          mac-address
        </mac-address>
        <receive-frames>
          receive-frames
        </receive-frames>
        <receive-bytes>
          receive-bytes
        </receive-bytes>
        <transmit-frames>
          transmit-frames
        </transmit-frames>
        <transmit-bytes>
          transmit-bytes
        </transmit-bytes>
      </mac-record>
    </mac-database>
  </physical-interface>
</interface-policer-information>
```

Description

<mac-record>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <mac-database>
        <mac-record>
          <mac-address>
            mac-address
          </mac-address>
          <receive-frames>
            receive-frames
          </receive-frames>
          <receive-bytes>
            receive-bytes
          </receive-bytes>
          <transmit-frames>
            transmit-frames
          </transmit-frames>
```

```

    <transmit-bytes>
      transmit-bytes
    </transmit-bytes>
  </mac-record>
</mac-database>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<mac-record>

Usage

```

<interface-policer-information>
  <logical-interface>
    <mac-database>
      <mac-record>
        <mac-address>
          mac-address
        </mac-address>
        <receive-frames>
          receive-frames
        </receive-frames>
        <receive-bytes>
          receive-bytes
        </receive-bytes>
        <transmit-frames>
          transmit-frames
        </transmit-frames>
        <transmit-bytes>
          transmit-bytes
        </transmit-bytes>
      </mac-record>
    </mac-database>
  </logical-interface>
</interface-policer-information>

```

Description

<mac-validate-statistics>

Usage

```

<mac-validate-statistics>
  <mac-validate-packets>
    mac-validate-packets
  </mac-validate-packets>
  <mac-validate-bytes>
    mac-validate-bytes
  </mac-validate-bytes>
</mac-validate-statistics>

```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<address-family>
  <mac-validate-statistics>
    <mac-validate-packets>
      mac-validate-packets
    </mac-validate-packets>
    <mac-validate-bytes>
      mac-validate-bytes
    </mac-validate-bytes>
  </mac-validate-statistics>
</address-family>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<logical-interface>
  <address-family>
    <mac-validate-statistics>
      <mac-validate-packets>
        mac-validate-packets
      </mac-validate-packets>
      <mac-validate-bytes>
        mac-validate-bytes
      </mac-validate-bytes>
    </mac-validate-statistics>
  </address-family>
</logical-interface>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <address-family>
      <mac-validate-statistics>
        <mac-validate-packets>
          mac-validate-packets
        </mac-validate-packets>
        <mac-validate-bytes>
          mac-validate-bytes
        </mac-validate-bytes>
      </mac-validate-statistics>
    </address-family>
  </logical-interface>
</physical-interface>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <mac-validate-statistics>
          <mac-validate-packets>
            mac-validate-packets
          </mac-validate-packets>
          <mac-validate-bytes>
            mac-validate-bytes
          </mac-validate-bytes>
        </mac-validate-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <address-family>
      <mac-validate-statistics>
        <mac-validate-packets>
          mac-validate-packets
        </mac-validate-packets>
        <mac-validate-bytes>
          mac-validate-bytes
        </mac-validate-bytes>
      </mac-validate-statistics>
    </address-family>
  </logical-interface>
</interface-information>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <mac-validate-statistics>
```

```
<mac-validate-packets>
  mac-validate-packets
</mac-validate-packets>
<mac-validate-bytes>
  mac-validate-bytes
</mac-validate-bytes>
</mac-validate-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-filter-information>
<logical-interface>
<address-family>
  <mac-validate-statistics>
    <mac-validate-packets>
      mac-validate-packets
    </mac-validate-packets>
    <mac-validate-bytes>
      mac-validate-bytes
    </mac-validate-bytes>
  </mac-validate-statistics>
</address-family>
</logical-interface>
</interface-filter-information>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
<address-family>
  <mac-validate-statistics>
    <mac-validate-packets>
      mac-validate-packets
    </mac-validate-packets>
    <mac-validate-bytes>
      mac-validate-bytes
    </mac-validate-bytes>
  </mac-validate-statistics>
</address-family>
</logical-interface>
</physical-interface>
```

```
</interface-policer-information>
```

Description SRC MAC validate statistics

<mac-validate-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <address-family>
      <mac-validate-statistics>
        <mac-validate-packets>
          mac-validate-packets
        </mac-validate-packets>
        <mac-validate-bytes>
          mac-validate-bytes
        </mac-validate-bytes>
      </mac-validate-statistics>
    </address-family>
  </logical-interface>
</interface-policer-information>
```

Description SRC MAC validate statistics

<media-alarm>

Usage

```
<media-alarm>
  <media-alarm-name>
    media-alarm-name
  </media-alarm-name>
  <media-alarm-seconds>
    media-alarm-seconds
  </media-alarm-seconds>
  <media-alarm-count>
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
```

</media-alarm>

Description

<media-alarm>

Usage

```
<interval-information>
  <interval>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </interval>
</interval-information>
```

Description

<media-alarm>

Usage

```
<sonet-errors>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
```



```

<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-errors>

```

Description

<media-alarm>

Usage

```

<sonet-physical-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-physical-information>

```

Description

<media-alarm>

Usage

```
<sonet-section-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-section-information>
```

Description

<media-alarm>

Usage

```
<sonet-line-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
```

```

        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-line-information>

```

Description

<media-alarm>

Usage

```

<sonet-path-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-path-information>

```

Description

<media-alarm>

Usage

```

<sonet-vt-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name

```

```
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-vt-information>
```

Description

<media-alarm>

Usage

```
<atm-information>
<plcp-defects>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
```

```

        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </plcp-defects>
</atm-information>

```

Description

<media-alarm>

Usage

```

<atm-information>
  <atm-defects>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </atm-defects>
</atm-information>

```

Description

<media-alarm>

Usage

```

<media-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds

```

```
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
```

Description

<media-alarm>

Usage

```
<otn-errors>
<media-alarm>
  <media-alarm-name>
    media-alarm-name
  </media-alarm-name>
  <media-alarm-seconds>
    media-alarm-seconds
  </media-alarm-seconds>
  <media-alarm-count>
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
```

```
</otn-errors>
```

Description

<media-alarm>

Usage

```
<otn-oc-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</otn-oc-information>
```

Description

<media-alarm>

Usage

```
<otn-otu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
```

```
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-otu-information>
```

Description

<media-alarm>

Usage

```
<otn-fec-alarms>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</otn-fec-alarms>
```

Description

<media-alarm>**Usage**

```

<otn-odu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</otn-odu-information>

```

Description**<media-alarm>****Usage**

```

<ima-group-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>

```

```
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
</ima-group-information>
```

Description

<media-alarm>

Usage

```
<ima-link-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</ima-link-information>
```

Description

<media-alarm>

Usage

```
<logical-interface>
  <media-information>
    <media-alarm>
      <media-alarm-name>
```

```

    media-alarm-name
  </media-alarm-name>
  <media-alarm-seconds>
    media-alarm-seconds
  </media-alarm-seconds>
  <media-alarm-count>
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
</media-information>
</logical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <sonet-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes

```

```
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-errors>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<sonet-physical-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-physical-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<sonet-section-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
  </media-alarm>
</sonet-section-information>
</physical-interface>
```

```

</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-section-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <sonet-line-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
    </media-alarm>
  </sonet-line-information>
</physical-interface>

```

```
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-line-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<sonet-path-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-path-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<sonet-vt-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
```

```

<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-vt-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <otn-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>

```

```
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-errors>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <otn-fec-alarms>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-fec-alarms>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <media-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
```



```

        media-alarm-seconds
      </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</media-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <atm-information>
    <plcp-defects>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>

```

```
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </plcp-defects>
</atm-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <atm-information>
    <atm-defects>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </atm-defects>
  </atm-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <logical-interface>
    <media-information>
      <media-alarm>
```

```

<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
</logical-interface>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <links>
    <link-entry>
      <sonet-errors>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>

```

```
        ce-counter-packets
      </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-errors>
</link-entry>
</links>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <links>
    <link-entry>
      <sonet-physical-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </sonet-physical-information>
    </link-entry>
  </links>
</physical-interface>
```

Description

<media-alarm>

Usage

```

<physical-interface>
<links>
  <link-entry>
    <sonet-section-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-section-information>
  </link-entry>
</links>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
<links>
  <link-entry>
    <sonet-line-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds

```

```
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-line-information>
</link-entry>
</links>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<links>
  <link-entry>
    <sonet-path-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
```

```

        </ce-counter-bytes>
        <ce-counter-count>
            ce-counter-count
        </ce-counter-count>
    </media-alarm>
</sonet-path-information>
</link-entry>
</links>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
<links>
<link-entry>
    <sonet-vt-information>
        <media-alarm>
            <media-alarm-name>
                media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
                media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
                media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
                media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
                ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
                ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
                ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
                ce-counter-count
            </ce-counter-count>
        </media-alarm>
    </sonet-vt-information>
</link-entry>
</links>
</physical-interface>

```

Description

<media-alarm>

Usage

```
<physical-interface>
<otn-oc-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</otn-oc-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
<otn-otu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
```



```

        ce-counter-name
      </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</otn-odu-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <otn-odu-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-odu-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```
<physical-interface>
  <ima-group-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </ima-group-information>
</physical-interface>
```

Description

<media-alarm>

Usage

```
<physical-interface>
  <ima-link-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
```

```

    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
</ima-link-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```

<physical-interface>
  <interval-information>
    <interval>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </interval>
  </interval-information>
</physical-interface>

```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <sonet-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-errors>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <sonet-physical-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
```

```

        media-alarm-state
      </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-physical-information>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-section-information>
  </physical-interface>

```

```
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
  <physical-interface>
    <sonet-line-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-line-information>
  </physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
  <physical-interface>
    <sonet-path-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds

```

```

</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-path-information>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <physical-interface>
    <sonet-vt-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>

```

```
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-vt-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <otn-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-errors>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <otn-fec-alarms>
    <media-alarm>
```



```

<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-fec-alarms>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
<physical-interface>
<media-information>
<media-alarm>
  <media-alarm-name>
    media-alarm-name
  </media-alarm-name>
  <media-alarm-seconds>
    media-alarm-seconds
  </media-alarm-seconds>
  <media-alarm-count>
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets

```

```
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
<atm-information>
<plcp-defects>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</plcp-defects>
</atm-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>**Usage**

```

<interface-information>
  <physical-interface>
    <atm-information>
      <atm-defects>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </atm-defects>
    </atm-information>
  </physical-interface>
</interface-information>

```

Description**<media-alarm>****Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <media-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>

```

```
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
</media-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-errors>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
```

```

        <ce-counter-count>
            ce-counter-count
        </ce-counter-count>
    </media-alarm>
</sonet-errors>
</link-entry>
</links>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
<physical-interface>
<links>
<link-entry>
    <sonet-physical-information>
        <media-alarm>
            <media-alarm-name>
                media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
                media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
                media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
                media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
                ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
                ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
                ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
                ce-counter-count
            </ce-counter-count>
        </media-alarm>
    </sonet-physical-information>
</link-entry>
</links>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-section-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </sonet-section-information>
    </link-entry>
  </links>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-line-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
```

```

        media-alarm-seconds
      </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-line-information>
</link-entry>
</links>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-path-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets

```

```
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-path-information>
  </link-entry>
</links>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-vt-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
              ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
              ce-counter-count
            </ce-counter-count>
          </media-alarm>
        </sonet-vt-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>
```



```
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <otn-oc-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-oc-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
  <otn-otu-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
```

```
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-odu-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
<otn-odu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
```

```

        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-odu-information>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <physical-interface>
    <ima-group-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </ima-group-information>
  </physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>

```

```
<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</ima-link-information>
</physical-interface>
</interface-information>
```

Description

<media-alarm>

Usage

```
<interface-information>
<physical-interface>
<interval-information>
<interval>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
```

```

        ce-counter-packets
      </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</interval>
</interval-information>
</physical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```

<interface-information>
  <logical-interface>
    <media-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </media-information>
  </logical-interface>
</interface-information>

```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <sonet-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-errors>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <sonet-physical-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
```

```

        media-alarm-state
      </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-physical-information>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-section-information>
  </physical-interface>

```

```
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <sonet-line-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-line-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <sonet-path-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds

```



```

</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-path-information>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <sonet-vt-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>

```

```
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-vt-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <otn-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-errors>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <otn-fec-alarms>
    <media-alarm>
```

```

<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-fec-alarms>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
<physical-interface>
<media-information>
<media-alarm>
  <media-alarm-name>
    media-alarm-name
  </media-alarm-name>
  <media-alarm-seconds>
    media-alarm-seconds
  </media-alarm-seconds>
  <media-alarm-count>
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets

```

```
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
<atm-information>
<plcp-defects>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</plcp-defects>
</atm-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <atm-information>
      <atm-defects>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </atm-defects>
    </atm-information>
  </physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <media-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>

```

```
media-alarm-count
</media-alarm-count>
<media-alarm-state>
media-alarm-state
</media-alarm-state>
<ce-counter-name>
ce-counter-name
</ce-counter-name>
<ce-counter-packets>
ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
<links>
<link-entry>
<sonet-errors>
<media-alarm>
<media-alarm-name>
media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
media-alarm-count
</media-alarm-count>
<media-alarm-state>
media-alarm-state
</media-alarm-state>
<ce-counter-name>
ce-counter-name
</ce-counter-name>
<ce-counter-packets>
ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
ce-counter-bytes
</ce-counter-bytes>
```

```

        <ce-counter-count>
            ce-counter-count
        </ce-counter-count>
    </media-alarm>
</sonet-errors>
</link-entry>
</links>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
<physical-interface>
<links>
  <link-entry>
    <sonet-physical-information>
      <media-alarm>
        <media-alarm-name>
            media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
            media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
            media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
            media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
            ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
            ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
            ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
            ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-physical-information>
  </link-entry>
</links>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-section-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </sonet-section-information>
    </link-entry>
  </links>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-line-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
```



```

        media-alarm-seconds
      </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-line-information>
</link-entry>
</links>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-path-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets

```

```
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-path-information>
  </link-entry>
</links>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-vt-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
              ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
              ce-counter-count
            </ce-counter-count>
          </media-alarm>
        </sonet-vt-information>
      </link-entry>
    </links>
  </physical-interface>
```

```
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <otn-oc-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-oc-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
  <otn-otu-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
```

```
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-odu-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
<otn-odu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
```

```

        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-odu-information>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ima-group-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </ima-group-information>
  </physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>

```

```
<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</ima-link-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-alarm>

Usage

```
<interface-filter-information>
<physical-interface>
<interval-information>
<interval>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
```

```

        ce-counter-packets
      </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</interval>
</interval-information>
</physical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```

<interface-filter-information>
  <logical-interface>
    <media-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </media-information>
  </logical-interface>
</interface-filter-information>

```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <sonet-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-errors>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <sonet-physical-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
```



```

        media-alarm-state
      </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-physical-information>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-section-information>
  </physical-interface>

```

```
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
  <physical-interface>
    <sonet-line-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-line-information>
  </physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
  <physical-interface>
    <sonet-path-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds

```

```

</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</sonet-path-information>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <sonet-vt-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>

```

```
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </sonet-vt-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <otn-errors>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-errors>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <otn-fec-alarms>
    <media-alarm>
```

```

<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-fec-alarms>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <media-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets

```

```
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</media-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
<atm-information>
<plcp-defects>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</plcp-defects>
</atm-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <atm-information>
      <atm-defects>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </atm-defects>
    </atm-information>
  </physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <media-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>

```

```
    media-alarm-count
  </media-alarm-count>
  <media-alarm-state>
    media-alarm-state
  </media-alarm-state>
  <ce-counter-name>
    ce-counter-name
  </ce-counter-name>
  <ce-counter-packets>
    ce-counter-packets
  </ce-counter-packets>
  <ce-counter-bytes>
    ce-counter-bytes
  </ce-counter-bytes>
  <ce-counter-count>
    ce-counter-count
  </ce-counter-count>
</media-alarm>
</media-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-errors>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
```



```

    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-errors>
</link-entry>
</links>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-physical-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
              ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
              ce-counter-count
            </ce-counter-count>
          </media-alarm>
        </sonet-physical-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-section-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
            media-alarm-seconds
          </media-alarm-seconds>
          <media-alarm-count>
            media-alarm-count
          </media-alarm-count>
          <media-alarm-state>
            media-alarm-state
          </media-alarm-state>
          <ce-counter-name>
            ce-counter-name
          </ce-counter-name>
          <ce-counter-packets>
            ce-counter-packets
          </ce-counter-packets>
          <ce-counter-bytes>
            ce-counter-bytes
          </ce-counter-bytes>
          <ce-counter-count>
            ce-counter-count
          </ce-counter-count>
        </media-alarm>
      </sonet-section-information>
    </link-entry>
  </links>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-line-information>
        <media-alarm>
          <media-alarm-name>
            media-alarm-name
          </media-alarm-name>
          <media-alarm-seconds>
```

```

        media-alarm-seconds
      </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</sonet-line-information>
</link-entry>
</links>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-path-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets

```

```
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </sonet-path-information>
  </link-entry>
</links>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-vt-information>
          <media-alarm>
            <media-alarm-name>
              media-alarm-name
            </media-alarm-name>
            <media-alarm-seconds>
              media-alarm-seconds
            </media-alarm-seconds>
            <media-alarm-count>
              media-alarm-count
            </media-alarm-count>
            <media-alarm-state>
              media-alarm-state
            </media-alarm-state>
            <ce-counter-name>
              ce-counter-name
            </ce-counter-name>
            <ce-counter-packets>
              ce-counter-packets
            </ce-counter-packets>
            <ce-counter-bytes>
              ce-counter-bytes
            </ce-counter-bytes>
            <ce-counter-count>
              ce-counter-count
            </ce-counter-count>
          </media-alarm>
        </sonet-vt-information>
      </link-entry>
    </links>
  </physical-interface>
```

```
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <otn-oc-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
      </media-alarm-seconds>
      <media-alarm-count>
        media-alarm-count
      </media-alarm-count>
      <media-alarm-state>
        media-alarm-state
      </media-alarm-state>
      <ce-counter-name>
        ce-counter-name
      </ce-counter-name>
      <ce-counter-packets>
        ce-counter-packets
      </ce-counter-packets>
      <ce-counter-bytes>
        ce-counter-bytes
      </ce-counter-bytes>
      <ce-counter-count>
        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-oc-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
  <otn-otu-information>
    <media-alarm>
      <media-alarm-name>
        media-alarm-name
      </media-alarm-name>
      <media-alarm-seconds>
        media-alarm-seconds
```

```
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</otn-odu-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
<otn-odu-information>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
      ce-counter-packets
    </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
```

```

        ce-counter-count
      </ce-counter-count>
    </media-alarm>
  </otn-odu-information>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ima-group-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </ima-group-information>
  </physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ima-link-information>
      <media-alarm>

```

```
<media-alarm-name>
  media-alarm-name
</media-alarm-name>
<media-alarm-seconds>
  media-alarm-seconds
</media-alarm-seconds>
<media-alarm-count>
  media-alarm-count
</media-alarm-count>
<media-alarm-state>
  media-alarm-state
</media-alarm-state>
<ce-counter-name>
  ce-counter-name
</ce-counter-name>
<ce-counter-packets>
  ce-counter-packets
</ce-counter-packets>
<ce-counter-bytes>
  ce-counter-bytes
</ce-counter-bytes>
<ce-counter-count>
  ce-counter-count
</ce-counter-count>
</media-alarm>
</ima-link-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-alarm>

Usage

```
<interface-policer-information>
<physical-interface>
<interval-information>
<interval>
  <media-alarm>
    <media-alarm-name>
      media-alarm-name
    </media-alarm-name>
    <media-alarm-seconds>
      media-alarm-seconds
    </media-alarm-seconds>
    <media-alarm-count>
      media-alarm-count
    </media-alarm-count>
    <media-alarm-state>
      media-alarm-state
    </media-alarm-state>
    <ce-counter-name>
      ce-counter-name
    </ce-counter-name>
    <ce-counter-packets>
```



```

        ce-counter-packets
      </ce-counter-packets>
    <ce-counter-bytes>
      ce-counter-bytes
    </ce-counter-bytes>
    <ce-counter-count>
      ce-counter-count
    </ce-counter-count>
  </media-alarm>
</interval>
</interval-information>
</physical-interface>
</interface-policer-information>

```

Description

<media-alarm>

Usage

```

<interface-policer-information>
  <logical-interface>
    <media-information>
      <media-alarm>
        <media-alarm-name>
          media-alarm-name
        </media-alarm-name>
        <media-alarm-seconds>
          media-alarm-seconds
        </media-alarm-seconds>
        <media-alarm-count>
          media-alarm-count
        </media-alarm-count>
        <media-alarm-state>
          media-alarm-state
        </media-alarm-state>
        <ce-counter-name>
          ce-counter-name
        </ce-counter-name>
        <ce-counter-packets>
          ce-counter-packets
        </ce-counter-packets>
        <ce-counter-bytes>
          ce-counter-bytes
        </ce-counter-bytes>
        <ce-counter-count>
          ce-counter-count
        </ce-counter-count>
      </media-alarm>
    </media-information>
  </logical-interface>
</interface-policer-information>

```

Description

<media-information>

Usage

```
<media-information>
  <media-alarm>....</media-alarm>
  <ds1-timeslots>
    ds1-timeslots
  </ds1-timeslots>
  <ds1-line-encoding>
    ds1-line-encoding
  </ds1-line-encoding>
  <ds1-byte-encoding>
    ds1-byte-encoding
  </ds1-byte-encoding>
  <ds1-data-inversion>
    ds1-data-inversion
  </ds1-data-inversion>
  <ds1-buildout>
    ds1-buildout
  </ds1-buildout>
  <ds0-byte-encoding>
    ds0-byte-encoding
  </ds0-byte-encoding>
  <ds0-data-inversion>
    ds0-data-inversion
  </ds0-data-inversion>
  <idle-cycle-flag>
    idle-cycle-flag
  </idle-cycle-flag>
  <start-end-flag>
    start-end-flag
  </start-end-flag>
  <e3-data-inversion>
    e3-data-inversion
  </e3-data-inversion>
  <media-type>
    media-type
  </media-type>
</media-information>
```

Description Information about media alarms

<media-information>

Usage

```
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
```

```

<ds1-byte-encoding>
  ds1-byte-encoding
</ds1-byte-encoding>
<ds1-data-inversion>
  ds1-data-inversion
</ds1-data-inversion>
<ds1-buildout>
  ds1-buildout
</ds1-buildout>
<ds0-byte-encoding>
  ds0-byte-encoding
</ds0-byte-encoding>
<ds0-data-inversion>
  ds0-data-inversion
</ds0-data-inversion>
<idle-cycle-flag>
  idle-cycle-flag
</idle-cycle-flag>
<start-end-flag>
  start-end-flag
</start-end-flag>
<e3-data-inversion>
  e3-data-inversion
</e3-data-inversion>
<media-type>
  media-type
</media-type>
</media-information>
</logical-interface>

```

Description Information about media alarms

<media-information>

Usage

```

<physical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>

```

```
    ds0-byte-encoding
  </ds0-byte-encoding>
  <ds0-data-inversion>
    ds0-data-inversion
  </ds0-data-inversion>
  <idle-cycle-flag>
    idle-cycle-flag
  </idle-cycle-flag>
  <start-end-flag>
    start-end-flag
  </start-end-flag>
  <e3-data-inversion>
    e3-data-inversion
  </e3-data-inversion>
  <media-type>
    media-type
  </media-type>
</media-information>
</physical-interface>
```

Description Information about media alarms

<media-information>

Usage

```
<physical-interface>
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
    </idle-cycle-flag>
    <start-end-flag>
```

```

        start-end-flag
      </start-end-flag>
    <e3-data-inversion>
      e3-data-inversion
    </e3-data-inversion>
    <media-type>
      media-type
    </media-type>
  </media-information>
</logical-interface>
</physical-interface>

```

Description Information about media alarms

<media-information>

Usage

```

<interface-information>
  <physical-interface>
    <media-information>
      <media-alarm>....</media-alarm>
      <ds1-timeslots>
        ds1-timeslots
      </ds1-timeslots>
      <ds1-line-encoding>
        ds1-line-encoding
      </ds1-line-encoding>
      <ds1-byte-encoding>
        ds1-byte-encoding
      </ds1-byte-encoding>
      <ds1-data-inversion>
        ds1-data-inversion
      </ds1-data-inversion>
      <ds1-buildout>
        ds1-buildout
      </ds1-buildout>
      <ds0-byte-encoding>
        ds0-byte-encoding
      </ds0-byte-encoding>
      <ds0-data-inversion>
        ds0-data-inversion
      </ds0-data-inversion>
      <idle-cycle-flag>
        idle-cycle-flag
      </idle-cycle-flag>
      <start-end-flag>
        start-end-flag
      </start-end-flag>
      <e3-data-inversion>
        e3-data-inversion
      </e3-data-inversion>
      <media-type>
        media-type
      </media-type>
    </media-information>
  </physical-interface>
</interface-information>

```

```
</media-information>
</physical-interface>
</interface-information>
```

Description Information about media alarms

<media-information>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
    </idle-cycle-flag>
    <start-end-flag>
      start-end-flag
    </start-end-flag>
    <e3-data-inversion>
      e3-data-inversion
    </e3-data-inversion>
    <media-type>
      media-type
    </media-type>
  </media-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Information about media alarms

<media-information>**Usage**

```

<interface-information>
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
    </idle-cycle-flag>
    <start-end-flag>
      start-end-flag
    </start-end-flag>
    <e3-data-inversion>
      e3-data-inversion
    </e3-data-inversion>
    <media-type>
      media-type
    </media-type>
  </media-information>
</logical-interface>
</interface-information>

```

Description Information about media alarms

<media-information>**Usage**

```

<interface-filter-information>
<physical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>

```

```
    ds1-timeslots
  </ds1-timeslots>
  <ds1-line-encoding>
    ds1-line-encoding
  </ds1-line-encoding>
  <ds1-byte-encoding>
    ds1-byte-encoding
  </ds1-byte-encoding>
  <ds1-data-inversion>
    ds1-data-inversion
  </ds1-data-inversion>
  <ds1-buildout>
    ds1-buildout
  </ds1-buildout>
  <ds0-byte-encoding>
    ds0-byte-encoding
  </ds0-byte-encoding>
  <ds0-data-inversion>
    ds0-data-inversion
  </ds0-data-inversion>
  <idle-cycle-flag>
    idle-cycle-flag
  </idle-cycle-flag>
  <start-end-flag>
    start-end-flag
  </start-end-flag>
  <e3-data-inversion>
    e3-data-inversion
  </e3-data-inversion>
  <media-type>
    media-type
  </media-type>
</media-information>
</physical-interface>
</interface-filter-information>
```

Description Information about media alarms

<media-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <media-information>
        <media-alarm>....</media-alarm>
        <ds1-timeslots>
          ds1-timeslots
        </ds1-timeslots>
        <ds1-line-encoding>
          ds1-line-encoding
        </ds1-line-encoding>
        <ds1-byte-encoding>
          ds1-byte-encoding
```



```

</ds1-byte-encoding>
<ds1-data-inversion>
  ds1-data-inversion
</ds1-data-inversion>
<ds1-buildout>
  ds1-buildout
</ds1-buildout>
<ds0-byte-encoding>
  ds0-byte-encoding
</ds0-byte-encoding>
<ds0-data-inversion>
  ds0-data-inversion
</ds0-data-inversion>
<idle-cycle-flag>
  idle-cycle-flag
</idle-cycle-flag>
<start-end-flag>
  start-end-flag
</start-end-flag>
<e3-data-inversion>
  e3-data-inversion
</e3-data-inversion>
<media-type>
  media-type
</media-type>
</media-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Information about media alarms

<media-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <media-information>
      <media-alarm>....</media-alarm>
      <ds1-timeslots>
        ds1-timeslots
      </ds1-timeslots>
      <ds1-line-encoding>
        ds1-line-encoding
      </ds1-line-encoding>
      <ds1-byte-encoding>
        ds1-byte-encoding
      </ds1-byte-encoding>
      <ds1-data-inversion>
        ds1-data-inversion
      </ds1-data-inversion>
      <ds1-buildout>
        ds1-buildout
      </ds1-buildout>
    </media-information>
  </logical-interface>
</interface-filter-information>

```

```
<ds0-byte-encoding>
  ds0-byte-encoding
</ds0-byte-encoding>
<ds0-data-inversion>
  ds0-data-inversion
</ds0-data-inversion>
<idle-cycle-flag>
  idle-cycle-flag
</idle-cycle-flag>
<start-end-flag>
  start-end-flag
</start-end-flag>
<e3-data-inversion>
  e3-data-inversion
</e3-data-inversion>
<media-type>
  media-type
</media-type>
</media-information>
</logical-interface>
</interface-filter-information>
```

Description Information about media alarms

<media-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
```

```

</idle-cycle-flag>
<start-end-flag>
  start-end-flag
</start-end-flag>
<e3-data-inversion>
  e3-data-inversion
</e3-data-inversion>
<media-type>
  media-type
</media-type>
</media-information>
</physical-interface>
</interface-policer-information>

```

Description Information about media alarms

<media-information>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
    </idle-cycle-flag>
    <start-end-flag>
      start-end-flag
    </start-end-flag>
    <e3-data-inversion>
      e3-data-inversion
    </e3-data-inversion>
  
```

```
<media-type>
  media-type
</media-type>
</media-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Information about media alarms

<media-information>

Usage

```
<interface-policer-information>
<logical-interface>
  <media-information>
    <media-alarm>....</media-alarm>
    <ds1-timeslots>
      ds1-timeslots
    </ds1-timeslots>
    <ds1-line-encoding>
      ds1-line-encoding
    </ds1-line-encoding>
    <ds1-byte-encoding>
      ds1-byte-encoding
    </ds1-byte-encoding>
    <ds1-data-inversion>
      ds1-data-inversion
    </ds1-data-inversion>
    <ds1-buildout>
      ds1-buildout
    </ds1-buildout>
    <ds0-byte-encoding>
      ds0-byte-encoding
    </ds0-byte-encoding>
    <ds0-data-inversion>
      ds0-data-inversion
    </ds0-data-inversion>
    <idle-cycle-flag>
      idle-cycle-flag
    </idle-cycle-flag>
    <start-end-flag>
      start-end-flag
    </start-end-flag>
    <e3-data-inversion>
      e3-data-inversion
    </e3-data-inversion>
    <media-type>
      media-type
    </media-type>
  </media-information>
</logical-interface>
</interface-policer-information>
```

Description Information about media alarms

<media-state>

Usage

```
<physical-interface>
  <media-state-information>
    <media-state>
      <media-state-name>
        media-state-name
      </media-state-name>
      <media-state-state>
        media-state-state
      </media-state-state>
    </media-state>
  </media-state-information>
</physical-interface>
```

Description

<media-state>

Usage

```
<interface-information>
  <physical-interface>
    <media-state-information>
      <media-state>
        <media-state-name>
          media-state-name
        </media-state-name>
        <media-state-state>
          media-state-state
        </media-state-state>
      </media-state>
    </media-state-information>
  </physical-interface>
</interface-information>
```

Description

<media-state>

Usage

```
<interface-filter-information>
  <physical-interface>
    <media-state-information>
      <media-state>
        <media-state-name>
          media-state-name
        </media-state-name>
        <media-state-state>
          media-state-state
        </media-state-state>
      </media-state>
    </media-state-information>
  </physical-interface>
</interface-filter-information>
```

```
</media-state-information>
</physical-interface>
</interface-filter-information>
```

Description

<media-state>

Usage

```
<interface-policer-information>
<physical-interface>
  <media-state-information>
    <media-state>
      <media-state-name>
        media-state-name
      </media-state-name>
      <media-state-state>
        media-state-state
      </media-state-state>
    </media-state>
  </media-state-information>
</physical-interface>
</interface-policer-information>
```

Description

<media-state-information>

Usage

```
<physical-interface>
  <media-state-information>
    <media-type>
      media-type
    </media-type>
    <media-state>....</media-state>
  </media-state-information>
</physical-interface>
```

Description

<media-state-information>

Usage

```
<interface-information>
<physical-interface>
  <media-state-information>
    <media-type>
      media-type
    </media-type>
    <media-state>....</media-state>
  </media-state-information>
</physical-interface>
</interface-information>
```

Description

<media-state-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <media-state-information>
      <media-type>
        media-type
      </media-type>
      <media-state>....</media-state>
    </media-state-information>
  </physical-interface>
</interface-filter-information>

```

Description

<media-state-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <media-state-information>
      <media-type>
        media-type
      </media-type>
      <media-state>....</media-state>
    </media-state-information>
  </physical-interface>
</interface-policer-information>

```

Description

<mlfr-uni-nni-bundle-options>

Usage

```

<mlfr-uni-nni-bundle-options>
  <mlfr-uni-nni-device-type>
    mlfr-uni-nni-device-type
  </mlfr-uni-nni-device-type>
  <mlfr-uni-nni-mrru>
    mlfr-uni-nni-mrru
  </mlfr-uni-nni-mrru>
  <mlfr-uni-nni-bandwidth>
    mlfr-uni-nni-bandwidth
  </mlfr-uni-nni-bandwidth>
  <red-differential-delay>
    red-differential-delay
  </red-differential-delay>
  <red-differential-delay-action>
    red-differential-delay-action
  </red-differential-delay-action>
  <yellow-differential-delay>
    yellow-differential-delay

```

```
</yellow-differential-delay>
<lip-hello-timer>
  lip-hello-timer
</lip-hello-timer>
<lip-ack-timer>
  lip-ack-timer
</lip-ack-timer>
<lip-ack-retries>
  lip-ack-retries
</lip-ack-retries>
<bundle-class>
  bundle-class
</bundle-class>
<mlfr-uni-nni-drop-timeout>
  mlfr-uni-nni-drop-timeout
</mlfr-uni-nni-drop-timeout>
<mlfr-uni-nni-link-layer-overhead>
  mlfr-uni-nni-link-layer-overhead
</mlfr-uni-nni-link-layer-overhead>
<mlfr-uni-nni-lmi-type>
  mlfr-uni-nni-lmi-type
</mlfr-uni-nni-lmi-type>
<mlfr-uni-nni-fragment-threshold>
  mlfr-uni-nni-fragment-threshold
</mlfr-uni-nni-fragment-threshold>
<mlfr-uni-nni-minimum-links>
  mlfr-uni-nni-minimum-links
</mlfr-uni-nni-minimum-links>
<t391>
  t391
</t391>
<t392>
  t392
</t392>
<n391>
  n391
</n391>
<n392>
  n392
</n392>
<n393>
  n393
</n393>
</mlfr-uni-nni-bundle-options>
```

Description

<mlfr-uni-nni-bundle-options>

Usage

```
<physical-interface>
  <mlfr-uni-nni-bundle-options>
    <mlfr-uni-nni-device-type>
      mlfr-uni-nni-device-type
    </mlfr-uni-nni-device-type>
```



```
<mlfr-uni-nni-mrru>
  mlfr-uni-nni-mrru
</mlfr-uni-nni-mrru>
<mlfr-uni-nni-bandwidth>
  mlfr-uni-nni-bandwidth
</mlfr-uni-nni-bandwidth>
<red-differential-delay>
  red-differential-delay
</red-differential-delay>
<red-differential-delay-action>
  red-differential-delay-action
</red-differential-delay-action>
<yellow-differential-delay>
  yellow-differential-delay
</yellow-differential-delay>
<lip-hello-timer>
  lip-hello-timer
</lip-hello-timer>
<lip-ack-timer>
  lip-ack-timer
</lip-ack-timer>
<lip-ack-retries>
  lip-ack-retries
</lip-ack-retries>
<bundle-class>
  bundle-class
</bundle-class>
<mlfr-uni-nni-drop-timeout>
  mlfr-uni-nni-drop-timeout
</mlfr-uni-nni-drop-timeout>
<mlfr-uni-nni-link-layer-overhead>
  mlfr-uni-nni-link-layer-overhead
</mlfr-uni-nni-link-layer-overhead>
<mlfr-uni-nni-lmi-type>
  mlfr-uni-nni-lmi-type
</mlfr-uni-nni-lmi-type>
<mlfr-uni-nni-fragment-threshold>
  mlfr-uni-nni-fragment-threshold
</mlfr-uni-nni-fragment-threshold>
<mlfr-uni-nni-minimum-links>
  mlfr-uni-nni-minimum-links
</mlfr-uni-nni-minimum-links>
<t391>
  t391
</t391>
<t392>
  t392
</t392>
<n391>
  n391
</n391>
<n392>
  n392
</n392>
<n393>
  n393
```

```
</n393>  
</mlfr-uni-nni-bundle-options>  
</physical-interface>
```

Description

<mlfr-uni-nni-bundle-options>

Usage

```
<interface-information>  
  <physical-interface>  
    <mlfr-uni-nni-bundle-options>  
      <mlfr-uni-nni-device-type>  
        mlfr-uni-nni-device-type  
      </mlfr-uni-nni-device-type>  
      <mlfr-uni-nni-mrru>  
        mlfr-uni-nni-mrru  
      </mlfr-uni-nni-mrru>  
      <mlfr-uni-nni-bandwidth>  
        mlfr-uni-nni-bandwidth  
      </mlfr-uni-nni-bandwidth>  
      <red-differential-delay>  
        red-differential-delay  
      </red-differential-delay>  
      <red-differential-delay-action>  
        red-differential-delay-action  
      </red-differential-delay-action>  
      <yellow-differential-delay>  
        yellow-differential-delay  
      </yellow-differential-delay>  
      <lip-hello-timer>  
        lip-hello-timer  
      </lip-hello-timer>  
      <lip-ack-timer>  
        lip-ack-timer  
      </lip-ack-timer>  
      <lip-ack-retries>  
        lip-ack-retries  
      </lip-ack-retries>  
      <bundle-class>  
        bundle-class  
      </bundle-class>  
      <mlfr-uni-nni-drop-timeout>  
        mlfr-uni-nni-drop-timeout  
      </mlfr-uni-nni-drop-timeout>  
      <mlfr-uni-nni-link-layer-overhead>  
        mlfr-uni-nni-link-layer-overhead  
      </mlfr-uni-nni-link-layer-overhead>  
      <mlfr-uni-nni-lmi-type>  
        mlfr-uni-nni-lmi-type  
      </mlfr-uni-nni-lmi-type>  
      <mlfr-uni-nni-fragment-threshold>  
        mlfr-uni-nni-fragment-threshold  
      </mlfr-uni-nni-fragment-threshold>  
      <mlfr-uni-nni-minimum-links>
```

```

    mlfr-uni-nni-minimum-links
  </mlfr-uni-nni-minimum-links>
<t391>
  t391
</t391>
<t392>
  t392
</t392>
<n391>
  n391
</n391>
<n392>
  n392
</n392>
<n393>
  n393
</n393>
</mlfr-uni-nni-bundle-options>
</physical-interface>
</interface-information>

```

Description

<mlfr-uni-nni-bundle-options>

Usage

```

<interface-filter-information>
<physical-interface>
  <mlfr-uni-nni-bundle-options>
    <mlfr-uni-nni-device-type>
      mlfr-uni-nni-device-type
    </mlfr-uni-nni-device-type>
    <mlfr-uni-nni-mrru>
      mlfr-uni-nni-mrru
    </mlfr-uni-nni-mrru>
    <mlfr-uni-nni-bandwidth>
      mlfr-uni-nni-bandwidth
    </mlfr-uni-nni-bandwidth>
    <red-differential-delay>
      red-differential-delay
    </red-differential-delay>
    <red-differential-delay-action>
      red-differential-delay-action
    </red-differential-delay-action>
    <yellow-differential-delay>
      yellow-differential-delay
    </yellow-differential-delay>
    <lip-hello-timer>
      lip-hello-timer
    </lip-hello-timer>
    <lip-ack-timer>
      lip-ack-timer
    </lip-ack-timer>
    <lip-ack-retries>
      lip-ack-retries

```

```
</lip-ack-retries>
<bundle-class>
  bundle-class
</bundle-class>
<mlfr-uni-nni-drop-timeout>
  mlfr-uni-nni-drop-timeout
</mlfr-uni-nni-drop-timeout>
<mlfr-uni-nni-link-layer-overhead>
  mlfr-uni-nni-link-layer-overhead
</mlfr-uni-nni-link-layer-overhead>
<mlfr-uni-nni-lmi-type>
  mlfr-uni-nni-lmi-type
</mlfr-uni-nni-lmi-type>
<mlfr-uni-nni-fragment-threshold>
  mlfr-uni-nni-fragment-threshold
</mlfr-uni-nni-fragment-threshold>
<mlfr-uni-nni-minimum-links>
  mlfr-uni-nni-minimum-links
</mlfr-uni-nni-minimum-links>
<t391>
  t391
</t391>
<t392>
  t392
</t392>
<n391>
  n391
</n391>
<n392>
  n392
</n392>
<n393>
  n393
</n393>
</mlfr-uni-nni-bundle-options>
</physical-interface>
</interface-filter-information>
```

Description

<mlfr-uni-nni-bundle-options>

Usage

```
<interface-policer-information>
<physical-interface>
  <mlfr-uni-nni-bundle-options>
    <mlfr-uni-nni-device-type>
      mlfr-uni-nni-device-type
    </mlfr-uni-nni-device-type>
    <mlfr-uni-nni-mrru>
      mlfr-uni-nni-mrru
    </mlfr-uni-nni-mrru>
    <mlfr-uni-nni-bandwidth>
      mlfr-uni-nni-bandwidth
    </mlfr-uni-nni-bandwidth>
```

```
<red-differential-delay>
  red-differential-delay
</red-differential-delay>
<red-differential-delay-action>
  red-differential-delay-action
</red-differential-delay-action>
<yellow-differential-delay>
  yellow-differential-delay
</yellow-differential-delay>
<lip-hello-timer>
  lip-hello-timer
</lip-hello-timer>
<lip-ack-timer>
  lip-ack-timer
</lip-ack-timer>
<lip-ack-retries>
  lip-ack-retries
</lip-ack-retries>
<bundle-class>
  bundle-class
</bundle-class>
<mlfr-uni-nni-drop-timeout>
  mlfr-uni-nni-drop-timeout
</mlfr-uni-nni-drop-timeout>
<mlfr-uni-nni-link-layer-overhead>
  mlfr-uni-nni-link-layer-overhead
</mlfr-uni-nni-link-layer-overhead>
<mlfr-uni-nni-lmi-type>
  mlfr-uni-nni-lmi-type
</mlfr-uni-nni-lmi-type>
<mlfr-uni-nni-fragment-threshold>
  mlfr-uni-nni-fragment-threshold
</mlfr-uni-nni-fragment-threshold>
<mlfr-uni-nni-minimum-links>
  mlfr-uni-nni-minimum-links
</mlfr-uni-nni-minimum-links>
<t391>
  t391
</t391>
<t392>
  t392
</t392>
<n391>
  n391
</n391>
<n392>
  n392
</n392>
<n393>
  n393
</n393>
</mlfr-uni-nni-bundle-options>
</physical-interface>
</interface-policer-information>
```

Description**<mlfr-uni-nni-link>****Usage**

```
<mlfr-uni-nni-traffic-statistics>
  <mlfr-uni-nni-link>
    <name>
      name
    </name>
    <down>
      down
    </down>
    <link-uptime>
      link-uptime
    </link-uptime>
    <input-frames>
      input-frames
    </input-frames>
    <input-fps>
      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
    <lip-header-string>
      lip-header-string
    </lip-header-string>
    <current-differential-delay>
      current-differential-delay
    </current-differential-delay>
    <recent-high-differential-delay>
      recent-high-differential-delay
    </recent-high-differential-delay>
    <over-red-differential>
      over-red-differential
    </over-red-differential>
    <over-yellow-differential>
      over-yellow-differential
    </over-yellow-differential>
    <rcv-lip-addlink>
```

```

    rcv-lip-addlink
  </rcv-lip-addlink>
  <rcv-lip-link-ack>
    rcv-lip-link-ack
  </rcv-lip-link-ack>
  <rcv-lip-link-rej>
    rcv-lip-link-rej
  </rcv-lip-link-rej>
  <rcv-lip-hello>
    rcv-lip-hello
  </rcv-lip-hello>
  <rcv-lip-hello-ack>
    rcv-lip-hello-ack
  </rcv-lip-hello-ack>
  <rcv-lip-link-rem>
    rcv-lip-link-rem
  </rcv-lip-link-rem>
  <rcv-lip-rem-ack>
    rcv-lip-rem-ack
  </rcv-lip-rem-ack>
  <xmt-lip-addlink>
    xmt-lip-addlink
  </xmt-lip-addlink>
  <xmt-lip-link-ack>
    xmt-lip-link-ack
  </xmt-lip-link-ack>
  <xmt-lip-link-rej>
    xmt-lip-link-rej
  </xmt-lip-link-rej>
  <xmt-lip-hello>
    xmt-lip-hello
  </xmt-lip-hello>
  <xmt-lip-hello-ack>
    xmt-lip-hello-ack
  </xmt-lip-hello-ack>
  <xmt-lip-link-rem>
    xmt-lip-link-rem
  </xmt-lip-link-rem>
  <xmt-lip-rem-ack>
    xmt-lip-rem-ack
  </xmt-lip-rem-ack>
</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>

```

Description

<mlfr-uni-nni-link>

Usage

```

<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <mlfr-uni-nni-link>
      <name>
        name
      </name>
    
```

```
<down>
  down
</down>
<link-uptime>
  link-uptime
</link-uptime>
<input-frames>
  input-frames
</input-frames>
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<lip-header-string>
  lip-header-string
</lip-header-string>
<current-differential-delay>
  current-differential-delay
</current-differential-delay>
<recent-high-differential-delay>
  recent-high-differential-delay
</recent-high-differential-delay>
<over-red-differential>
  over-red-differential
</over-red-differential>
<over-yellow-differential>
  over-yellow-differential
</over-yellow-differential>
<rcv-lip-addlink>
  rcv-lip-addlink
</rcv-lip-addlink>
<rcv-lip-link-ack>
  rcv-lip-link-ack
</rcv-lip-link-ack>
<rcv-lip-link-rej>
  rcv-lip-link-rej
</rcv-lip-link-rej>
<rcv-lip-hello>
  rcv-lip-hello
```



```

</rcv-lip-hello>
<rcv-lip-hello-ack>
  rcv-lip-hello-ack
</rcv-lip-hello-ack>
<rcv-lip-link-rem>
  rcv-lip-link-rem
</rcv-lip-link-rem>
<rcv-lip-rem-ack>
  rcv-lip-rem-ack
</rcv-lip-rem-ack>
<xmt-lip-addlink>
  xmt-lip-addlink
</xmt-lip-addlink>
<xmt-lip-link-ack>
  xmt-lip-link-ack
</xmt-lip-link-ack>
<xmt-lip-link-rej>
  xmt-lip-link-rej
</xmt-lip-link-rej>
<xmt-lip-hello>
  xmt-lip-hello
</xmt-lip-hello>
<xmt-lip-hello-ack>
  xmt-lip-hello-ack
</xmt-lip-hello-ack>
<xmt-lip-link-rem>
  xmt-lip-link-rem
</xmt-lip-link-rem>
<xmt-lip-rem-ack>
  xmt-lip-rem-ack
</xmt-lip-rem-ack>
</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description

<mlfr-uni-nni-link>

Usage

```

<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <mlfr-uni-nni-link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <link-uptime>
          link-uptime
        </link-uptime>
        <input-frames>
          input-frames

```

```
</input-frames>
<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<lip-header-string>
  lip-header-string
</lip-header-string>
<current-differential-delay>
  current-differential-delay
</current-differential-delay>
<recent-high-differential-delay>
  recent-high-differential-delay
</recent-high-differential-delay>
<over-red-differential>
  over-red-differential
</over-red-differential>
<over-yellow-differential>
  over-yellow-differential
</over-yellow-differential>
<rcv-lip-addlink>
  rcv-lip-addlink
</rcv-lip-addlink>
<rcv-lip-link-ack>
  rcv-lip-link-ack
</rcv-lip-link-ack>
<rcv-lip-link-rej>
  rcv-lip-link-rej
</rcv-lip-link-rej>
<rcv-lip-hello>
  rcv-lip-hello
</rcv-lip-hello>
<rcv-lip-hello-ack>
  rcv-lip-hello-ack
</rcv-lip-hello-ack>
<rcv-lip-link-rem>
  rcv-lip-link-rem
</rcv-lip-link-rem>
<rcv-lip-rem-ack>
```

```

    rcv-lip-rem-ack
  </rcv-lip-rem-ack>
  <xmt-lip-addlink>
    xmt-lip-addlink
  </xmt-lip-addlink>
  <xmt-lip-link-ack>
    xmt-lip-link-ack
  </xmt-lip-link-ack>
  <xmt-lip-link-rej>
    xmt-lip-link-rej
  </xmt-lip-link-rej>
  <xmt-lip-hello>
    xmt-lip-hello
  </xmt-lip-hello>
  <xmt-lip-hello-ack>
    xmt-lip-hello-ack
  </xmt-lip-hello-ack>
  <xmt-lip-link-rem>
    xmt-lip-link-rem
  </xmt-lip-link-rem>
  <xmt-lip-rem-ack>
    xmt-lip-rem-ack
  </xmt-lip-rem-ack>
</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-information>

```

Description

<mlfr-uni-nni-link>

Usage

```

<interface-filter-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <mlfr-uni-nni-link>
        <name>
          name
        </name>
        <down>
          down
        </down>
        <link-uptime>
          link-uptime
        </link-uptime>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
      </mlfr-uni-nni-link>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-filter-information>

```

```
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
<lip-header-string>
  lip-header-string
</lip-header-string>
<current-differential-delay>
  current-differential-delay
</current-differential-delay>
<recent-high-differential-delay>
  recent-high-differential-delay
</recent-high-differential-delay>
<over-red-differential>
  over-red-differential
</over-red-differential>
<over-yellow-differential>
  over-yellow-differential
</over-yellow-differential>
<rcv-lip-addlink>
  rcv-lip-addlink
</rcv-lip-addlink>
<rcv-lip-link-ack>
  rcv-lip-link-ack
</rcv-lip-link-ack>
<rcv-lip-link-rej>
  rcv-lip-link-rej
</rcv-lip-link-rej>
<rcv-lip-hello>
  rcv-lip-hello
</rcv-lip-hello>
<rcv-lip-hello-ack>
  rcv-lip-hello-ack
</rcv-lip-hello-ack>
<rcv-lip-link-rem>
  rcv-lip-link-rem
</rcv-lip-link-rem>
<rcv-lip-rem-ack>
  rcv-lip-rem-ack
</rcv-lip-rem-ack>
<xmt-lip-addlink>
  xmt-lip-addlink
</xmt-lip-addlink>
<xmt-lip-link-ack>
  xmt-lip-link-ack
```

```

</xmt-lip-link-ack>
<xmt-lip-link-rej>
  xmt-lip-link-rej
</xmt-lip-link-rej>
<xmt-lip-hello>
  xmt-lip-hello
</xmt-lip-hello>
<xmt-lip-hello-ack>
  xmt-lip-hello-ack
</xmt-lip-hello-ack>
<xmt-lip-link-rem>
  xmt-lip-link-rem
</xmt-lip-link-rem>
<xmt-lip-rem-ack>
  xmt-lip-rem-ack
</xmt-lip-rem-ack>
</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-filter-information>

```

Description

<mlfr-uni-nni-link>

Usage

```

<interface-policer-information>
<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <mlfr-uni-nni-link>
      <name>
        name
      </name>
      <down>
        down
      </down>
      <link-uptime>
        link-uptime
      </link-uptime>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>

```

```
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
  <lip-header-string>
    lip-header-string
  </lip-header-string>
  <current-differential-delay>
    current-differential-delay
  </current-differential-delay>
  <recent-high-differential-delay>
    recent-high-differential-delay
  </recent-high-differential-delay>
  <over-red-differential>
    over-red-differential
  </over-red-differential>
  <over-yellow-differential>
    over-yellow-differential
  </over-yellow-differential>
  <rcv-lip-addlink>
    rcv-lip-addlink
  </rcv-lip-addlink>
  <rcv-lip-link-ack>
    rcv-lip-link-ack
  </rcv-lip-link-ack>
  <rcv-lip-link-rej>
    rcv-lip-link-rej
  </rcv-lip-link-rej>
  <rcv-lip-hello>
    rcv-lip-hello
  </rcv-lip-hello>
  <rcv-lip-hello-ack>
    rcv-lip-hello-ack
  </rcv-lip-hello-ack>
  <rcv-lip-link-rem>
    rcv-lip-link-rem
  </rcv-lip-link-rem>
  <rcv-lip-rem-ack>
    rcv-lip-rem-ack
  </rcv-lip-rem-ack>
  <xmt-lip-addlink>
    xmt-lip-addlink
  </xmt-lip-addlink>
  <xmt-lip-link-ack>
    xmt-lip-link-ack
  </xmt-lip-link-ack>
  <xmt-lip-link-rej>
    xmt-lip-link-rej
  </xmt-lip-link-rej>
  <xmt-lip-hello>
    xmt-lip-hello
  </xmt-lip-hello>
```

```

<xmt-lip-hello-ack>
  xmt-lip-hello-ack
</xmt-lip-hello-ack>
<xmt-lip-link-rem>
  xmt-lip-link-rem
</xmt-lip-link-rem>
<xmt-lip-rem-ack>
  xmt-lip-rem-ack
</xmt-lip-rem-ack>
</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-policer-information>

```

Description

<mlfr-uni-nni-link-information>

Usage

```

<mlfr-uni-nni-traffic-statistics>
  <mlfr-uni-nni-link-information>
    <active-bundle-links>
      active-bundle-links
    </active-bundle-links>
    <removed-bundle-links>
      removed-bundle-links
    </removed-bundle-links>
    <disabled-bundle-links>
      disabled-bundle-links
    </disabled-bundle-links>
  </mlfr-uni-nni-link-information>
</mlfr-uni-nni-traffic-statistics>

```

Description

<mlfr-uni-nni-link-information>

Usage

```

<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <mlfr-uni-nni-link-information>
      <active-bundle-links>
        active-bundle-links
      </active-bundle-links>
      <removed-bundle-links>
        removed-bundle-links
      </removed-bundle-links>
      <disabled-bundle-links>
        disabled-bundle-links
      </disabled-bundle-links>
    </mlfr-uni-nni-link-information>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description**<mlfr-uni-nni-link-information>****Usage**

```
<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <mlfr-uni-nni-link-information>
        <active-bundle-links>
          active-bundle-links
        </active-bundle-links>
        <removed-bundle-links>
          removed-bundle-links
        </removed-bundle-links>
        <disabled-bundle-links>
          disabled-bundle-links
        </disabled-bundle-links>
      </mlfr-uni-nni-link-information>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-information>
```

Description**<mlfr-uni-nni-link-information>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <mlfr-uni-nni-link-information>
        <active-bundle-links>
          active-bundle-links
        </active-bundle-links>
        <removed-bundle-links>
          removed-bundle-links
        </removed-bundle-links>
        <disabled-bundle-links>
          disabled-bundle-links
        </disabled-bundle-links>
      </mlfr-uni-nni-link-information>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description**<mlfr-uni-nni-link-information>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <mlfr-uni-nni-link-information>
```



```

<active-bundle-links>
  active-bundle-links
</active-bundle-links>
<removed-bundle-links>
  removed-bundle-links
</removed-bundle-links>
<disabled-bundle-links>
  disabled-bundle-links
</disabled-bundle-links>
</mlfr-uni-nni-link-information>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-policer-information>

```

Description

<mlfr-uni-nni-traffic-statistics>

Usage

```

<mlfr-uni-nni-traffic-statistics>
  <bundle>....</bundle>
  <mlfr-uni-nni-link-information>....</mlfr-uni-nni-link-information>
  <mlfr-uni-nni-link>....</mlfr-uni-nni-link>
</mlfr-uni-nni-traffic-statistics>

```

Description

<mlfr-uni-nni-traffic-statistics>

Usage

```

<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>....</bundle>
    <mlfr-uni-nni-link-information>....</mlfr-uni-nni-link-information>
    <mlfr-uni-nni-link>....</mlfr-uni-nni-link>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description

<mlfr-uni-nni-traffic-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>....</bundle>
      <mlfr-uni-nni-link-information>....</mlfr-uni-nni-link-information>
      <mlfr-uni-nni-link>....</mlfr-uni-nni-link>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-information>

```

Description**<mlfr-uni-nni-traffic-statistics>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>....</bundle>
      <mlfr-uni-nni-link-information>....</mlfr-uni-nni-link-information>
      <mlfr-uni-nni-link>....</mlfr-uni-nni-link>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description**<mlfr-uni-nni-traffic-statistics>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>....</bundle>
      <mlfr-uni-nni-link-information>....</mlfr-uni-nni-link-information>
      <mlfr-uni-nni-link>....</mlfr-uni-nni-link>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-policer-information>
```

Description**<modem-information>****Usage**

```
<modem-information>
  <modem-type>
    modem-type
  </modem-type>
  <init-command-str>
    init-command-str
  </init-command-str>
  <init-status>
    init-status
  </init-status>
  <baud-rate>
    baud-rate
  </baud-rate>
  <call-status>
    call-status
  </call-status>
  <error-code>
    error-code
  </error-code>
  <call-duration>
```

```

    call-duration
  </call-duration>
  <call-direction>
    call-direction
  </call-direction>
</modem-information>

```

Description Operational information for MODEM interfaces

<modem-information>

Usage

```

<physical-interface>
  <modem-information>
    <modem-type>
      modem-type
    </modem-type>
    <init-command-str>
      init-command-str
    </init-command-str>
    <init-status>
      init-status
    </init-status>
    <baud-rate>
      baud-rate
    </baud-rate>
    <call-status>
      call-status
    </call-status>
    <error-code>
      error-code
    </error-code>
    <call-duration>
      call-duration
    </call-duration>
    <call-direction>
      call-direction
    </call-direction>
  </modem-information>
</physical-interface>

```

Description Operational information for MODEM interfaces

<modem-information>

Usage

```

<interface-information>
  <physical-interface>
    <modem-information>
      <modem-type>
        modem-type
      </modem-type>
      <init-command-str>

```

```
    init-command-str
  </init-command-str>
  <init-status>
    init-status
  </init-status>
  <baud-rate>
    baud-rate
  </baud-rate>
  <call-status>
    call-status
  </call-status>
  <error-code>
    error-code
  </error-code>
  <call-duration>
    call-duration
  </call-duration>
  <call-direction>
    call-direction
  </call-direction>
</modem-information>
</physical-interface>
</interface-information>
```

Description Operational information for MODEM interfaces

<modem-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <modem-information>
      <modem-type>
        modem-type
      </modem-type>
      <init-command-str>
        init-command-str
      </init-command-str>
      <init-status>
        init-status
      </init-status>
      <baud-rate>
        baud-rate
      </baud-rate>
      <call-status>
        call-status
      </call-status>
      <error-code>
        error-code
      </error-code>
      <call-duration>
        call-duration
      </call-duration>
      <call-direction>
```

```

        call-direction
      </call-direction>
    </modem-information>
  </physical-interface>
</interface-filter-information>

```

Description Operational information for MODEM interfaces

<modem-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <modem-information>
      <modem-type>
        modem-type
      </modem-type>
      <init-command-str>
        init-command-str
      </init-command-str>
      <init-status>
        init-status
      </init-status>
      <baud-rate>
        baud-rate
      </baud-rate>
      <call-status>
        call-status
      </call-status>
      <error-code>
        error-code
      </error-code>
      <call-duration>
        call-duration
      </call-duration>
      <call-direction>
        call-direction
      </call-direction>
    </modem-information>
  </physical-interface>
</interface-policer-information>

```

Description Operational information for MODEM interfaces

<multicast-statistics>

Usage

```

<multicast-statistics>
  <multicast-statistics-header>
    multicast-statistics-header
  </multicast-statistics-header>
  <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
  <ipv6-multicast-statistics>....</ipv6-multicast-statistics>

```

</multicast-statistics>

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<logical-interface>
  <multicast-statistics>
    <multicast-statistics-header>
      multicast-statistics-header
    </multicast-statistics-header>
    <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
    <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
  </multicast-statistics>
</logical-interface>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<physical-interface>
  <multicast-statistics>
    <multicast-statistics-header>
      multicast-statistics-header
    </multicast-statistics-header>
    <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
    <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
  </multicast-statistics>
</physical-interface>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<physical-interface>
  <logical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</physical-interface>
```

Description Multicast statistics for interface

<multicast-statistics>**Usage**

```

<interface-information>
  <physical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </physical-interface>
</interface-information>

```

Description Multicast statistics for interface

<multicast-statistics>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multicast-statistics>
        <multicast-statistics-header>
          multicast-statistics-header
        </multicast-statistics-header>
        <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
        <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
      </multicast-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Multicast statistics for interface

<multicast-statistics>**Usage**

```

<interface-information>
  <logical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</interface-information>

```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </physical-interface>
</interface-filter-information>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multicast-statistics>
        <multicast-statistics-header>
          multicast-statistics-header
        </multicast-statistics-header>
        <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
        <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
      </multicast-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
```



```
</interface-filter-information>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <multicast-statistics>
    <multicast-statistics-header>
      multicast-statistics-header
    </multicast-statistics-header>
    <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
    <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
  </multicast-statistics>
</physical-interface>
</interface-policer-information>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <multicast-statistics>
      <multicast-statistics-header>
        multicast-statistics-header
      </multicast-statistics-header>
      <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
      <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
    </multicast-statistics>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Multicast statistics for interface

<multicast-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
  <multicast-statistics>
    <multicast-statistics-header>
      multicast-statistics-header
    </multicast-statistics-header>
    <ipv4-multicast-statistics>....</ipv4-multicast-statistics>
    <ipv6-multicast-statistics>....</ipv6-multicast-statistics>
```

```
</multicast-statistics>
</logical-interface>
</interface-policer-information>
```

Description Multicast statistics for interface

<multilink-bundle-class>

Usage

```
<multilink-bundle-class>
  <multilink-class-id>
    multilink-class-id
  </multilink-class-id>
  <rx-sequence-number>
    rx-sequence-number
  </rx-sequence-number>
  <tx-sequence-number>
    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
```

```

</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>

```

Description Multilink class status

<multilink-bundle-class>

Usage

```

<logical-interface>
  <multilink-bundle-class>
    <multilink-class-id>
      multilink-class-id
    </multilink-class-id>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
      tx-sequence-number
    </tx-sequence-number>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
    <fragment-timeout>
      fragment-timeout
    </fragment-timeout>
    <sequence-number-missing>
      sequence-number-missing
    </sequence-number-missing>
    <out-of-order-sequence-number>
      out-of-order-sequence-number
    </out-of-order-sequence-number>
    <out-of-range-sequence-number>
      out-of-range-sequence-number
    </out-of-range-sequence-number>
    <packet-buffer-overflow>
      packet-buffer-overflow

```

```
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
```

Description Multilink class status

<multilink-bundle-class>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-bundle-class>
    <multilink-class-id>
      multilink-class-id
    </multilink-class-id>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
      tx-sequence-number
    </tx-sequence-number>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
    <fragment-timeout>
      fragment-timeout
    </fragment-timeout>
    <sequence-number-missing>
      sequence-number-missing
    </sequence-number-missing>
    <out-of-order-sequence-number>
      out-of-order-sequence-number
    </out-of-order-sequence-number>
```

```

<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</physical-interface>

```

Description Multilink class status

<multilink-bundle-class>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-class>
        <multilink-class-id>
          multilink-class-id
        </multilink-class-id>
        <rx-sequence-number>
          rx-sequence-number
        </rx-sequence-number>
        <tx-sequence-number>
          tx-sequence-number
        </tx-sequence-number>
        <packet-drops>
          packet-drops
        </packet-drops>
        <packet-drop-bytes>
          packet-drop-bytes
        </packet-drop-bytes>
        <fragment-drops>
          fragment-drops
        </fragment-drops>
        <fragment-drop-bytes>
          fragment-drop-bytes
        </fragment-drop-bytes>
        <mrru-exceeded>
          mrru-exceeded
        </mrru-exceeded>
        <processing-errors>
          processing-errors
        </processing-errors>
        <fragment-timeout>
          fragment-timeout

```

```
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Multilink class status

<multilink-bundle-class>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-bundle-class>
      <multilink-class-id>
        multilink-class-id
      </multilink-class-id>
      <rx-sequence-number>
        rx-sequence-number
      </rx-sequence-number>
      <tx-sequence-number>
        tx-sequence-number
      </tx-sequence-number>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
```

```

    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
  <multilink-class-drop-timeout>
    multilink-class-drop-timeout
  </multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</interface-information>

```

Description Multilink class status

<multilink-bundle-class>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <multilink-bundle-class>
      <multilink-class-id>
        multilink-class-id
      </multilink-class-id>
      <rx-sequence-number>
        rx-sequence-number
      </rx-sequence-number>
      <tx-sequence-number>
        tx-sequence-number
      </tx-sequence-number>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
    </multilink-bundle-class>
  </logical-interface>
</interface-filter-information>

```

```
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
<fragment-timeout>
  fragment-timeout
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Multilink class status

<multilink-bundle-class>

Usage

```
<interface-filter-information>
<logical-interface>
  <multilink-bundle-class>
    <multilink-class-id>
      multilink-class-id
    </multilink-class-id>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
      tx-sequence-number
```



```

</tx-sequence-number>
<packet-drops>
  packet-drops
</packet-drops>
<packet-drop-bytes>
  packet-drop-bytes
</packet-drop-bytes>
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
<fragment-timeout>
  fragment-timeout
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
<multilink-class-drop-timeout>
  multilink-class-drop-timeout
</multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</interface-filter-information>

```

Description Multilink class status

<multilink-bundle-class>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-class>
        <multilink-class-id>

```

```
    multilink-class-id
  </multilink-class-id>
  <rx-sequence-number>
    rx-sequence-number
  </rx-sequence-number>
  <tx-sequence-number>
    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
  <multilink-class-drop-timeout>
    multilink-class-drop-timeout
  </multilink-class-drop-timeout>
</multilink-bundle-class>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Multilink class status

<multilink-bundle-class>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-bundle-class>
      <multilink-class-id>
        multilink-class-id
      </multilink-class-id>
      <rx-sequence-number>
        rx-sequence-number
      </rx-sequence-number>
      <tx-sequence-number>
        tx-sequence-number
      </tx-sequence-number>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
        mrru-exceeded
      </mrru-exceeded>
      <processing-errors>
        processing-errors
      </processing-errors>
      <fragment-timeout>
        fragment-timeout
      </fragment-timeout>
      <sequence-number-missing>
        sequence-number-missing
      </sequence-number-missing>
      <out-of-order-sequence-number>
        out-of-order-sequence-number
      </out-of-order-sequence-number>
      <out-of-range-sequence-number>
        out-of-range-sequence-number
      </out-of-range-sequence-number>
      <packet-buffer-overflow>
        packet-buffer-overflow
      </packet-buffer-overflow>
      <fragment-buffer-overflow>
        fragment-buffer-overflow
      </fragment-buffer-overflow>
      <multilink-class-drop-timeout>
        multilink-class-drop-timeout
      </multilink-class-drop-timeout>
    </multilink-bundle-class>
  </logical-interface>
</interface-policer-information>

```

```
</logical-interface>
</interface-policer-information>
```

Description Multilink class status

<multilink-bundle-errors>

Usage

```
<multilink-bundle-errors>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
</multilink-bundle-errors>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<logical-interface>
  <multilink-bundle-errors>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
  </multilink-bundle-errors>
```

```

    </processing-errors>
  </multilink-bundle-errors>
</logical-interface>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```

<physical-interface>
  <multilink-bundle-errors>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
  </multilink-bundle-errors>
</physical-interface>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```

<physical-interface>
  <logical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>

```

```
        mrru-exceeded
      </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
  </multilink-bundle-errors>
</logical-interface>
</physical-interface>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-information>
  <physical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
        mrru-exceeded
      </mrru-exceeded>
      <processing-errors>
        processing-errors
      </processing-errors>
    </multilink-bundle-errors>
  </physical-interface>
</interface-information>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-errors>
        <packet-drops>
          packet-drops
        </packet-drops>
        <packet-drop-bytes>
          packet-drop-bytes
        </packet-drop-bytes>
      </multilink-bundle-errors>
    </logical-interface>
  </physical-interface>
</interface-information>
```

```

    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
  </multilink-bundle-errors>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
        mrru-exceeded
      </mrru-exceeded>
      <processing-errors>
        processing-errors
      </processing-errors>
    </multilink-bundle-errors>
  </logical-interface>
</interface-information>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-filter-information>
  <physical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
        mrru-exceeded
      </mrru-exceeded>
      <processing-errors>
        processing-errors
      </processing-errors>
    </multilink-bundle-errors>
  </physical-interface>
</interface-filter-information>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-errors>
        <packet-drops>
          packet-drops
        </packet-drops>
        <packet-drop-bytes>
          packet-drop-bytes
        </packet-drop-bytes>
        <fragment-drops>
          fragment-drops
        </fragment-drops>
        <fragment-drop-bytes>
          fragment-drop-bytes
        </fragment-drop-bytes>
        <mrru-exceeded>
          mrru-exceeded
        </mrru-exceeded>
        <processing-errors>
          processing-errors
        </processing-errors>
      </multilink-bundle-errors>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```



```

        </processing-errors>
      </multilink-bundle-errors>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```

<interface-filter-information>
  <logical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
      <fragment-drop-bytes>
        fragment-drop-bytes
      </fragment-drop-bytes>
      <mrru-exceeded>
        mrru-exceeded
      </mrru-exceeded>
      <processing-errors>
        processing-errors
      </processing-errors>
    </multilink-bundle-errors>
  </logical-interface>
</interface-filter-information>

```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```

<interface-policer-information>
  <physical-interface>
    <multilink-bundle-errors>
      <packet-drops>
        packet-drops
      </packet-drops>
      <packet-drop-bytes>
        packet-drop-bytes
      </packet-drop-bytes>
      <fragment-drops>
        fragment-drops
      </fragment-drops>
    </multilink-bundle-errors>
  </physical-interface>
</interface-policer-information>

```

```
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
</multilink-bundle-errors>
</physical-interface>
</interface-policer-information>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-errors>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
  </multilink-bundle-errors>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Multilink bundle errors

<multilink-bundle-errors>

Usage

```
<interface-policer-information>
<logical-interface>
  <multilink-bundle-errors>
```

```

<packet-drops>
  packet-drops
</packet-drops>
<packet-drop-bytes>
  packet-drop-bytes
</packet-drop-bytes>
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
</multilink-bundle-errors>
</logical-interface>
</interface-policer-information>

```

Description Multilink bundle errors

<multilink-bundle-link-information>

Usage

```

<multilink-bundle-link-information>
  <multilink-active-bundle-links>
    multilink-active-bundle-links
  </multilink-active-bundle-links>
  <multilink-removed-bundle-links>
    multilink-removed-bundle-links
  </multilink-removed-bundle-links>
  <multilink-disabled-bundle-links>
    multilink-disabled-bundle-links
  </multilink-disabled-bundle-links>
</multilink-bundle-link-information>

```

Description

<multilink-bundle-link-information>

Usage

```

<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
  </multilink-bundle-link-information>

```

```
</multilink-disabled-bundle-links>
</multilink-bundle-link-information>
</logical-interface>
```

Description

<multilink-bundle-link-information>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
    </multilink-disabled-bundle-links>
  </multilink-bundle-link-information>
</logical-interface>
</physical-interface>
```

Description

<multilink-bundle-link-information>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
    </multilink-disabled-bundle-links>
  </multilink-bundle-link-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<multilink-bundle-link-information>

Usage

```
<interface-information>
```

```

<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
    </multilink-disabled-bundle-links>
  </multilink-bundle-link-information>
</logical-interface>
</interface-information>

```

Description

<multilink-bundle-link-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-link-information>
        <multilink-active-bundle-links>
          multilink-active-bundle-links
        </multilink-active-bundle-links>
        <multilink-removed-bundle-links>
          multilink-removed-bundle-links
        </multilink-removed-bundle-links>
        <multilink-disabled-bundle-links>
          multilink-disabled-bundle-links
        </multilink-disabled-bundle-links>
      </multilink-bundle-link-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<multilink-bundle-link-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <multilink-bundle-link-information>
      <multilink-active-bundle-links>
        multilink-active-bundle-links
      </multilink-active-bundle-links>
      <multilink-removed-bundle-links>
        multilink-removed-bundle-links
      </multilink-removed-bundle-links>
      <multilink-disabled-bundle-links>
        multilink-disabled-bundle-links

```

```
</multilink-disabled-bundle-links>
</multilink-bundle-link-information>
</logical-interface>
</interface-filter-information>
```

Description

<multilink-bundle-link-information>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
    </multilink-disabled-bundle-links>
  </multilink-bundle-link-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<multilink-bundle-link-information>

Usage

```
<interface-policer-information>
<logical-interface>
  <multilink-bundle-link-information>
    <multilink-active-bundle-links>
      multilink-active-bundle-links
    </multilink-active-bundle-links>
    <multilink-removed-bundle-links>
      multilink-removed-bundle-links
    </multilink-removed-bundle-links>
    <multilink-disabled-bundle-links>
      multilink-disabled-bundle-links
    </multilink-disabled-bundle-links>
  </multilink-bundle-link-information>
</logical-interface>
</interface-policer-information>
```

Description

<multilink-bundle-options>

Usage

```

<multilink-bundle-options>
  <mrru>
    mrru
  </mrru>
  <remote-mrru>
    remote-mrru
  </remote-mrru>
  <drop-timeout>
    drop-timeout
  </drop-timeout>
  <mlppp-inner-ppp-pfc>
    mlppp-inner-ppp-pfc
  </mlppp-inner-ppp-pfc>
  <sequence-number-format>
    sequence-number-format
  </sequence-number-format>
  <fragment-threshold>
    fragment-threshold
  </fragment-threshold>
  <minimum-links>
    minimum-links
  </minimum-links>
  <interleave-fragments>
    interleave-fragments
  </interleave-fragments>
  <multilink-classes>
    multilink-classes
  </multilink-classes>
  <link-layer-overhead>
    link-layer-overhead
  </link-layer-overhead>
</multilink-bundle-options>

```

Description

<multilink-bundle-options>

Usage

```

<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
    <drop-timeout>
      drop-timeout
    </drop-timeout>
    <mlppp-inner-ppp-pfc>
      mlppp-inner-ppp-pfc
    </mlppp-inner-ppp-pfc>
  </multilink-bundle-options>

```

```
<sequence-number-format>
  sequence-number-format
</sequence-number-format>
<fragment-threshold>
  fragment-threshold
</fragment-threshold>
<minimum-links>
  minimum-links
</minimum-links>
<interleave-fragments>
  interleave-fragments
</interleave-fragments>
<multilink-classes>
  multilink-classes
</multilink-classes>
<link-layer-overhead>
  link-layer-overhead
</link-layer-overhead>
</multilink-bundle-options>
</logical-interface>
```

Description

<multilink-bundle-options>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
    <drop-timeout>
      drop-timeout
    </drop-timeout>
    <mlppp-inner-ppp-pfc>
      mlppp-inner-ppp-pfc
    </mlppp-inner-ppp-pfc>
    <sequence-number-format>
      sequence-number-format
    </sequence-number-format>
    <fragment-threshold>
      fragment-threshold
    </fragment-threshold>
    <minimum-links>
      minimum-links
    </minimum-links>
    <interleave-fragments>
      interleave-fragments
    </interleave-fragments>
    <multilink-classes>
      multilink-classes
```



```

    </multilink-classes>
    <link-layer-overhead>
      link-layer-overhead
    </link-layer-overhead>
  </multilink-bundle-options>
</logical-interface>
</physical-interface>

```

Description

<multilink-bundle-options>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-options>
        <mrru>
          mrru
        </mrru>
        <remote-mrru>
          remote-mrru
        </remote-mrru>
        <drop-timeout>
          drop-timeout
        </drop-timeout>
        <mlppp-inner-ppp-pfc>
          mlppp-inner-ppp-pfc
        </mlppp-inner-ppp-pfc>
        <sequence-number-format>
          sequence-number-format
        </sequence-number-format>
        <fragment-threshold>
          fragment-threshold
        </fragment-threshold>
        <minimum-links>
          minimum-links
        </minimum-links>
        <interleave-fragments>
          interleave-fragments
        </interleave-fragments>
        <multilink-classes>
          multilink-classes
        </multilink-classes>
        <link-layer-overhead>
          link-layer-overhead
        </link-layer-overhead>
      </multilink-bundle-options>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description

<multilink-bundle-options>

Usage

```
<interface-information>
<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
    <drop-timeout>
      drop-timeout
    </drop-timeout>
    <mlppp-inner-ppp-pfc>
      mlppp-inner-ppp-pfc
    </mlppp-inner-ppp-pfc>
    <sequence-number-format>
      sequence-number-format
    </sequence-number-format>
    <fragment-threshold>
      fragment-threshold
    </fragment-threshold>
    <minimum-links>
      minimum-links
    </minimum-links>
    <interleave-fragments>
      interleave-fragments
    </interleave-fragments>
    <multilink-classes>
      multilink-classes
    </multilink-classes>
    <link-layer-overhead>
      link-layer-overhead
    </link-layer-overhead>
  </multilink-bundle-options>
</logical-interface>
</interface-information>
```

Description

<multilink-bundle-options>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
```

```

<drop-timeout>
  drop-timeout
</drop-timeout>
<mlppp-inner-ppp-pfc>
  mlppp-inner-ppp-pfc
</mlppp-inner-ppp-pfc>
<sequence-number-format>
  sequence-number-format
</sequence-number-format>
<fragment-threshold>
  fragment-threshold
</fragment-threshold>
<minimum-links>
  minimum-links
</minimum-links>
<interleave-fragments>
  interleave-fragments
</interleave-fragments>
<multilink-classes>
  multilink-classes
</multilink-classes>
<link-layer-overhead>
  link-layer-overhead
</link-layer-overhead>
</multilink-bundle-options>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<multilink-bundle-options>

Usage

```

<interface-filter-information>
<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
    <drop-timeout>
      drop-timeout
    </drop-timeout>
    <mlppp-inner-ppp-pfc>
      mlppp-inner-ppp-pfc
    </mlppp-inner-ppp-pfc>
    <sequence-number-format>
      sequence-number-format
    </sequence-number-format>
    <fragment-threshold>
      fragment-threshold
    </fragment-threshold>
  
```

```
<minimum-links>
  minimum-links
</minimum-links>
<interleave-fragments>
  interleave-fragments
</interleave-fragments>
<multilink-classes>
  multilink-classes
</multilink-classes>
<link-layer-overhead>
  link-layer-overhead
</link-layer-overhead>
</multilink-bundle-options>
</logical-interface>
</interface-filter-information>
```

Description

<multilink-bundle-options>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-options>
    <mrru>
      mrru
    </mrru>
    <remote-mrru>
      remote-mrru
    </remote-mrru>
    <drop-timeout>
      drop-timeout
    </drop-timeout>
    <mlppp-inner-ppp-pfc>
      mlppp-inner-ppp-pfc
    </mlppp-inner-ppp-pfc>
    <sequence-number-format>
      sequence-number-format
    </sequence-number-format>
    <fragment-threshold>
      fragment-threshold
    </fragment-threshold>
    <minimum-links>
      minimum-links
    </minimum-links>
    <interleave-fragments>
      interleave-fragments
    </interleave-fragments>
    <multilink-classes>
      multilink-classes
    </multilink-classes>
    <link-layer-overhead>
      link-layer-overhead
    </link-layer-overhead>
```

```

    </multilink-bundle-options>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<multilink-bundle-options>

Usage

```

<interface-policer-information>
  <logical-interface>
    <multilink-bundle-options>
      <mrru>
        mrru
      </mrru>
      <remote-mrru>
        remote-mrru
      </remote-mrru>
      <drop-timeout>
        drop-timeout
      </drop-timeout>
      <mlppp-inner-ppp-pfc>
        mlppp-inner-ppp-pfc
      </mlppp-inner-ppp-pfc>
      <sequence-number-format>
        sequence-number-format
      </sequence-number-format>
      <fragment-threshold>
        fragment-threshold
      </fragment-threshold>
      <minimum-links>
        minimum-links
      </minimum-links>
      <interleave-fragments>
        interleave-fragments
      </interleave-fragments>
      <multilink-classes>
        multilink-classes
      </multilink-classes>
      <link-layer-overhead>
        link-layer-overhead
      </link-layer-overhead>
    </multilink-bundle-options>
  </logical-interface>
</interface-policer-information>

```

Description

<multilink-bundle-status>

Usage

```

<multilink-bundle-status>
  <rx-sequence-number>

```

```
    rx-sequence-number
  </rx-sequence-number>
  <tx-sequence-number>
    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
</multilink-bundle-status>
```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```
<logical-interface>
  <multilink-bundle-status>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
```

```

    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>

```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```

<physical-interface>
<logical-interface>
  <multilink-bundle-status>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
      tx-sequence-number
    </tx-sequence-number>
  </multilink-bundle-status>
</logical-interface>

```

```
</tx-sequence-number>
<packet-drops>
  packet-drops
</packet-drops>
<packet-drop-bytes>
  packet-drop-bytes
</packet-drop-bytes>
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
<fragment-timeout>
  fragment-timeout
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>
</physical-interface>
```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-status>
    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
```



```

    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```

<interface-information>
  <logical-interface>
    <multilink-bundle-status>
      <rx-sequence-number>
        rx-sequence-number
      </rx-sequence-number>
    
```

```
<tx-sequence-number>
  tx-sequence-number
</tx-sequence-number>
<packet-drops>
  packet-drops
</packet-drops>
<packet-drop-bytes>
  packet-drop-bytes
</packet-drop-bytes>
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
<fragment-timeout>
  fragment-timeout
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>
</interface-information>
```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <multilink-bundle-status>
    <rx-sequence-number>
      rx-sequence-number
```

```

</rx-sequence-number>
<tx-sequence-number>
  tx-sequence-number
</tx-sequence-number>
<packet-drops>
  packet-drops
</packet-drops>
<packet-drop-bytes>
  packet-drop-bytes
</packet-drop-bytes>
<fragment-drops>
  fragment-drops
</fragment-drops>
<fragment-drop-bytes>
  fragment-drop-bytes
</fragment-drop-bytes>
<mrru-exceeded>
  mrru-exceeded
</mrru-exceeded>
<processing-errors>
  processing-errors
</processing-errors>
<fragment-timeout>
  fragment-timeout
</fragment-timeout>
<sequence-number-missing>
  sequence-number-missing
</sequence-number-missing>
<out-of-order-sequence-number>
  out-of-order-sequence-number
</out-of-order-sequence-number>
<out-of-range-sequence-number>
  out-of-range-sequence-number
</out-of-range-sequence-number>
<packet-buffer-overflow>
  packet-buffer-overflow
</packet-buffer-overflow>
<fragment-buffer-overflow>
  fragment-buffer-overflow
</fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```

<interface-filter-information>
  <logical-interface>
    <multilink-bundle-status>
      <rx-sequence-number>

```

```
    rx-sequence-number
  </rx-sequence-number>
  <tx-sequence-number>
    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
  </multilink-bundle-status>
</logical-interface>
</interface-filter-information>
```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-bundle-status>
```

```

    <rx-sequence-number>
      rx-sequence-number
    </rx-sequence-number>
    <tx-sequence-number>
      tx-sequence-number
    </tx-sequence-number>
    <packet-drops>
      packet-drops
    </packet-drops>
    <packet-drop-bytes>
      packet-drop-bytes
    </packet-drop-bytes>
    <fragment-drops>
      fragment-drops
    </fragment-drops>
    <fragment-drop-bytes>
      fragment-drop-bytes
    </fragment-drop-bytes>
    <mrru-exceeded>
      mrru-exceeded
    </mrru-exceeded>
    <processing-errors>
      processing-errors
    </processing-errors>
    <fragment-timeout>
      fragment-timeout
    </fragment-timeout>
    <sequence-number-missing>
      sequence-number-missing
    </sequence-number-missing>
    <out-of-order-sequence-number>
      out-of-order-sequence-number
    </out-of-order-sequence-number>
    <out-of-range-sequence-number>
      out-of-range-sequence-number
    </out-of-range-sequence-number>
    <packet-buffer-overflow>
      packet-buffer-overflow
    </packet-buffer-overflow>
    <fragment-buffer-overflow>
      fragment-buffer-overflow
    </fragment-buffer-overflow>
  </multilink-bundle-status>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Multilink bundle status

<multilink-bundle-status>

Usage

```

<interface-policer-information>
<logical-interface>

```

```
<multilink-bundle-status>
  <rx-sequence-number>
    rx-sequence-number
  </rx-sequence-number>
  <tx-sequence-number>
    tx-sequence-number
  </tx-sequence-number>
  <packet-drops>
    packet-drops
  </packet-drops>
  <packet-drop-bytes>
    packet-drop-bytes
  </packet-drop-bytes>
  <fragment-drops>
    fragment-drops
  </fragment-drops>
  <fragment-drop-bytes>
    fragment-drop-bytes
  </fragment-drop-bytes>
  <mrru-exceeded>
    mrru-exceeded
  </mrru-exceeded>
  <processing-errors>
    processing-errors
  </processing-errors>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
</multilink-bundle-status>
</logical-interface>
</interface-policer-information>
```

Description Multilink bundle status

<multilink-detail-statistics>

Usage

```
<multilink-traffic-statistics>
<multilink-detail-statistics>
```

```

    <bundle-detail>....</bundle-detail>
    <class-detail>....</class-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>

```

Description

<multilink-detail-statistics>

Usage

```

<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>....</bundle-detail>
      <class-detail>....</class-detail>
    </multilink-detail-statistics>
  </multilink-traffic-statistics>
</logical-interface>

```

Description

<multilink-detail-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>....</bundle-detail>
        <class-detail>....</class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>

```

Description

<multilink-detail-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>....</bundle-detail>
          <class-detail>....</class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description**<multilink-detail-statistics>****Usage**

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>....</bundle-detail>
        <class-detail>....</class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description**<multilink-detail-statistics>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>....</bundle-detail>
          <class-detail>....</class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description**<multilink-detail-statistics>****Usage**

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>....</bundle-detail>
        <class-detail>....</class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description

<multilink-detail-statistics>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <multilink-detail-statistics>
          <bundle-detail>....</bundle-detail>
          <class-detail>....</class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description**<multilink-detail-statistics>****Usage**

```

<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>....</bundle-detail>
        <class-detail>....</class-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>

```

Description**<multilink-frames>****Usage**

```

<multilink-frames>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>

```

```
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</multilink-frames>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<multilink-traffic-statistics>
  <bundle>
    <multilink-frames>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </multilink-frames>
  </bundle>
</multilink-traffic-statistics>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<multilink-traffic-statistics>
  <class>
```

```

<multilink-frames>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</multilink-frames>
</class>
</multilink-traffic-statistics>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<mlfr-uni-nni-traffic-statistics>
  <bundle>
    <multilink-frames>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps

```

```
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</multilink-frames>
</bundle>
</mlfr-uni-nni-traffic-statistics>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>**Usage**

```

<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </class>
  </multilink-traffic-statistics>
</logical-interface>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>**Usage**

```

<physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes

```

```
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</multilink-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
```

```

        output-bps
      </output-bps>
    </multilink-frames>
  </class>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<interface-information>
  <physical-interface>

```

```
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <multilink-frames>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
```



```

</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</multilink-frames>
</class>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
        </multilink-frames>
      </bundle>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-information>

```

```
<output-bps>
  output-bps
</output-bps>
</multilink-frames>
</bundle>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-information>
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
</interface-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>**Usage**

```

<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </multilink-frames>
      </class>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>
          <multilink-frames>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps

```

```
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</multilink-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
```

```

        </output-fps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
    </multilink-frames>
</class>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<interface-filter-information>
<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
            input-frames
        </input-frames>
        <input-fps>
            input-fps
        </input-fps>
        <input-bytes>
            input-bytes
        </input-bytes>
        <input-bps>
            input-bps
        </input-bps>
        <output-frames>
            output-frames
        </output-frames>
        <output-fps>
            output-fps
        </output-fps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-filter-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </multilink-frames>
      </bundle>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
```

```

    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</multilink-frames>
</class>
</multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps

```

```
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```



```
</interface-policer-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-policer-information>
<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </multilink-frames>
    </bundle>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>
</interface-policer-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-policer-information>
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <multilink-frames>
        <input-frames>
```

```
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</multilink-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-frames>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <multilink-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
```

```

    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </multilink-frames>
</class>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description Link-pic bound frame statistics for multilink bundles and classes

<multilink-interface-errors>

Usage

```

<multilink-interface-errors>
  <oversized-frames>
    oversized-frames
  </oversized-frames>
  <input-error-frames>
    input-error-frames
  </input-error-frames>
  <input-disabled-bundle>
    input-disabled-bundle
  </input-disabled-bundle>
  <output-disabled-bundle>
    output-disabled-bundle
  </output-disabled-bundle>
  <queuing-drops>
    queuing-drops
  </queuing-drops>
  <packet-buffer-overflow>
    packet-buffer-overflow
  </packet-buffer-overflow>
  <fragment-buffer-overflow>
    fragment-buffer-overflow
  </fragment-buffer-overflow>
  <fragment-timeout>
    fragment-timeout
  </fragment-timeout>
  <sequence-number-missing>
    sequence-number-missing
  </sequence-number-missing>
  <out-of-order-sequence-number>
    out-of-order-sequence-number
  </out-of-order-sequence-number>
  <out-of-range-sequence-number>
    out-of-range-sequence-number
  </out-of-range-sequence-number>

```

```
<data-memory-error>
  data-memory-error
</data-memory-error>
<control-memory-error>
  control-memory-error
</control-memory-error>
</multilink-interface-errors>
```

Description

<multilink-interface-errors>

Usage

```
<physical-interface>
  <multilink-interface-errors>
    <oversized-frames>
      oversized-frames
    </oversized-frames>
    <input-error-frames>
      input-error-frames
    </input-error-frames>
    <input-disabled-bundle>
      input-disabled-bundle
    </input-disabled-bundle>
    <output-disabled-bundle>
      output-disabled-bundle
    </output-disabled-bundle>
    <queuing-drops>
      queuing-drops
    </queuing-drops>
    <packet-buffer-overflow>
      packet-buffer-overflow
    </packet-buffer-overflow>
    <fragment-buffer-overflow>
      fragment-buffer-overflow
    </fragment-buffer-overflow>
    <fragment-timeout>
      fragment-timeout
    </fragment-timeout>
    <sequence-number-missing>
      sequence-number-missing
    </sequence-number-missing>
    <out-of-order-sequence-number>
      out-of-order-sequence-number
    </out-of-order-sequence-number>
    <out-of-range-sequence-number>
      out-of-range-sequence-number
    </out-of-range-sequence-number>
    <data-memory-error>
      data-memory-error
    </data-memory-error>
    <control-memory-error>
      control-memory-error
    </control-memory-error>
  </multilink-interface-errors>
```

```
</physical-interface>
```

Description

<multilink-interface-errors>

Usage

```
<interface-information>
  <physical-interface>
    <multilink-interface-errors>
      <oversized-frames>
        oversized-frames
      </oversized-frames>
      <input-error-frames>
        input-error-frames
      </input-error-frames>
      <input-disabled-bundle>
        input-disabled-bundle
      </input-disabled-bundle>
      <output-disabled-bundle>
        output-disabled-bundle
      </output-disabled-bundle>
      <queuing-drops>
        queuing-drops
      </queuing-drops>
      <packet-buffer-overflow>
        packet-buffer-overflow
      </packet-buffer-overflow>
      <fragment-buffer-overflow>
        fragment-buffer-overflow
      </fragment-buffer-overflow>
      <fragment-timeout>
        fragment-timeout
      </fragment-timeout>
      <sequence-number-missing>
        sequence-number-missing
      </sequence-number-missing>
      <out-of-order-sequence-number>
        out-of-order-sequence-number
      </out-of-order-sequence-number>
      <out-of-range-sequence-number>
        out-of-range-sequence-number
      </out-of-range-sequence-number>
      <data-memory-error>
        data-memory-error
      </data-memory-error>
      <control-memory-error>
        control-memory-error
      </control-memory-error>
    </multilink-interface-errors>
  </physical-interface>
</interface-information>
```

Description

<multilink-interface-errors>

Usage

```
<interface-filter-information>
  <physical-interface>
    <multilink-interface-errors>
      <oversized-frames>
        oversized-frames
      </oversized-frames>
      <input-error-frames>
        input-error-frames
      </input-error-frames>
      <input-disabled-bundle>
        input-disabled-bundle
      </input-disabled-bundle>
      <output-disabled-bundle>
        output-disabled-bundle
      </output-disabled-bundle>
      <queuing-drops>
        queuing-drops
      </queuing-drops>
      <packet-buffer-overflow>
        packet-buffer-overflow
      </packet-buffer-overflow>
      <fragment-buffer-overflow>
        fragment-buffer-overflow
      </fragment-buffer-overflow>
      <fragment-timeout>
        fragment-timeout
      </fragment-timeout>
      <sequence-number-missing>
        sequence-number-missing
      </sequence-number-missing>
      <out-of-order-sequence-number>
        out-of-order-sequence-number
      </out-of-order-sequence-number>
      <out-of-range-sequence-number>
        out-of-range-sequence-number
      </out-of-range-sequence-number>
      <data-memory-error>
        data-memory-error
      </data-memory-error>
      <control-memory-error>
        control-memory-error
      </control-memory-error>
    </multilink-interface-errors>
  </physical-interface>
</interface-filter-information>
```

Description

<multilink-interface-errors>

Usage

```
<interface-policer-information>
```

```

<physical-interface>
  <multilink-interface-errors>
    <oversized-frames>
      oversized-frames
    </oversized-frames>
    <input-error-frames>
      input-error-frames
    </input-error-frames>
    <input-disabled-bundle>
      input-disabled-bundle
    </input-disabled-bundle>
    <output-disabled-bundle>
      output-disabled-bundle
    </output-disabled-bundle>
    <queuing-drops>
      queuing-drops
    </queuing-drops>
    <packet-buffer-overflow>
      packet-buffer-overflow
    </packet-buffer-overflow>
    <fragment-buffer-overflow>
      fragment-buffer-overflow
    </fragment-buffer-overflow>
    <fragment-timeout>
      fragment-timeout
    </fragment-timeout>
    <sequence-number-missing>
      sequence-number-missing
    </sequence-number-missing>
    <out-of-order-sequence-number>
      out-of-order-sequence-number
    </out-of-order-sequence-number>
    <out-of-range-sequence-number>
      out-of-range-sequence-number
    </out-of-range-sequence-number>
    <data-memory-error>
      data-memory-error
    </data-memory-error>
    <control-memory-error>
      control-memory-error
    </control-memory-error>
  </multilink-interface-errors>
</physical-interface>
</interface-policer-information>

```

Description

<multilink-traffic-statistics>

Usage

```

<multilink-traffic-statistics>
  <bundle>....</bundle>
  <class>....</class>
  <link>....</link>
</multilink-traffic-statistics>....</multilink-detail-statistics>

```

```
<crtp>....</crtp>
</multilink-traffic-statistics>
```

Description

<multilink-traffic-statistics>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>....</bundle>
    <class>....</class>
    <link>....</link>
    <multilink-detail-statistics>....</multilink-detail-statistics>
    <crtp>....</crtp>
  </multilink-traffic-statistics>
</logical-interface>
```

Description

<multilink-traffic-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>....</bundle>
    <class>....</class>
    <link>....</link>
    <multilink-detail-statistics>....</multilink-detail-statistics>
    <crtp>....</crtp>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description

<multilink-traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>....</bundle>
        <class>....</class>
        <link>....</link>
        <multilink-detail-statistics>....</multilink-detail-statistics>
        <crtp>....</crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```


Description**<multilink-traffic-statistics>****Usage**

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>....</bundle>
      <class>....</class>
      <link>....</link>
      <multilink-detail-statistics>....</multilink-detail-statistics>
      <crtp>....</crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-information>
```

Description**<multilink-traffic-statistics>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>....</bundle>
        <class>....</class>
        <link>....</link>
        <multilink-detail-statistics>....</multilink-detail-statistics>
        <crtp>....</crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description**<multilink-traffic-statistics>****Usage**

```
<interface-filter-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>....</bundle>
      <class>....</class>
      <link>....</link>
      <multilink-detail-statistics>....</multilink-detail-statistics>
      <crtp>....</crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-filter-information>
```

Description**<multilink-traffic-statistics>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>....</bundle>
        <class>....</class>
        <link>....</link>
        <multilink-detail-statistics>....</multilink-detail-statistics>
        <crtp>....</crtp>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description**<multilink-traffic-statistics>****Usage**

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>....</bundle>
      <class>....</class>
      <link>....</link>
      <multilink-detail-statistics>....</multilink-detail-statistics>
      <crtp>....</crtp>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description**<ncp-information>****Usage**

```
<ncp-information>
  <ncp-protocol>
    ncp-protocol
  </ncp-protocol>
  <ncp-state>
    ncp-state
  </ncp-state>
</ncp-information>
```

Description Network Control Protocol information

<ncp-information>**Usage**

```

<logical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
    <ncp-state>
      ncp-state
    </ncp-state>
  </ncp-information>
</logical-interface>

```

Description Network Control Protocol information

<ncp-information>**Usage**

```

<physical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
    <ncp-state>
      ncp-state
    </ncp-state>
  </ncp-information>
</physical-interface>

```

Description Network Control Protocol information

<ncp-information>**Usage**

```

<physical-interface>
  <logical-interface>
    <ncp-information>
      <ncp-protocol>
        ncp-protocol
      </ncp-protocol>
      <ncp-state>
        ncp-state
      </ncp-state>
    </ncp-information>
  </logical-interface>
</physical-interface>

```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-information>
  <physical-interface>
    <ncp-information>
      <ncp-protocol>
        ncp-protocol
      </ncp-protocol>
      <ncp-state>
        ncp-state
      </ncp-state>
    </ncp-information>
  </physical-interface>
</interface-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <ncp-information>
        <ncp-protocol>
          ncp-protocol
        </ncp-protocol>
        <ncp-state>
          ncp-state
        </ncp-state>
      </ncp-information>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-information>
  <logical-interface>
    <ncp-information>
      <ncp-protocol>
        ncp-protocol
      </ncp-protocol>
      <ncp-state>
        ncp-state
      </ncp-state>
    </ncp-information>
  </logical-interface>
```

```
</interface-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
    <ncp-state>
      ncp-state
    </ncp-state>
  </ncp-information>
</physical-interface>
</interface-filter-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <logical-interface>
    <ncp-information>
      <ncp-protocol>
        ncp-protocol
      </ncp-protocol>
      <ncp-state>
        ncp-state
      </ncp-state>
    </ncp-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-filter-information>
<logical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
```

```
<ncp-state>
  ncp-state
</ncp-state>
</ncp-information>
</logical-interface>
</interface-filter-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
    <ncp-state>
      ncp-state
    </ncp-state>
  </ncp-information>
</physical-interface>
</interface-policer-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <ncp-information>
      <ncp-protocol>
        ncp-protocol
      </ncp-protocol>
      <ncp-state>
        ncp-state
      </ncp-state>
    </ncp-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Network Control Protocol information

<ncp-information>

Usage

```
<interface-policer-information>
```

```
<logical-interface>
  <ncp-information>
    <ncp-protocol>
      ncp-protocol
    </ncp-protocol>
    <ncp-state>
      ncp-state
    </ncp-state>
  </ncp-information>
</logical-interface>
</interface-policer-information>
```

Description Network Control Protocol information

<network-frames>

Usage

```
<network-frames>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</network-frames>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<multilink-traffic-statistics>
  <bundle>
    <network-frames>
      <input-frames>
```

```
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</network-frames>
</bundle>
</multilink-traffic-statistics>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<multilink-traffic-statistics>
  <class>
    <network-frames>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
```



```

        output-bytes
      </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </network-frames>
</class>
</multilink-traffic-statistics>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```

<mlfr-uni-nni-traffic-statistics>
  <bundle>
    <network-frames>
      <input-frames>
        input-frames
      </input-frames>
      <input-fps>
        input-fps
      </input-fps>
      <input-bytes>
        input-bytes
      </input-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-frames>
        output-frames
      </output-frames>
      <output-fps>
        output-fps
      </output-fps>
      <output-bytes>
        output-bytes
      </output-bytes>
      <output-bps>
        output-bps
      </output-bps>
    </network-frames>
  </bundle>
</mlfr-uni-nni-traffic-statistics>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```

<logical-interface>
  <multilink-traffic-statistics>
    <bundle>

```

```
<network-frames>
  <input-frames>
    input-frames
  </input-frames>
  <input-fps>
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</network-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <network-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
```

```

    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </network-frames>
</class>
</multilink-traffic-statistics>
</logical-interface>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```

<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <bundle>
      <network-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </network-frames>
    </bundle>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <class>
      <network-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </network-frames>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
</physical-interface>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<physical-interface>
  <mlfr-uni-nni-traffic-statistics>
    <bundle>
      <network-frames>
        <input-frames>
          input-frames
        </input-frames>
        <input-fps>
          input-fps
        </input-fps>
      </network-frames>
    </bundle>
  </mlfr-uni-nni-traffic-statistics>
</physical-interface>
```

```

</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</network-frames>
</bundle>
</mlfr-uni-nni-traffic-statistics>
</physical-interface>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <bundle>
          <network-frames>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>

```

```
        output-bytes
      </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
  </network-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <network-frames>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </network-frames>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<interface-information>
  <physical-interface>
    <mlfr-uni-nni-traffic-statistics>
      <bundle>
        <network-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </network-frames>
      </bundle>
    </mlfr-uni-nni-traffic-statistics>
  </physical-interface>
</interface-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <network-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
```

```
    input-fps
  </input-fps>
  <input-bytes>
    input-bytes
  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-frames>
    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
  <output-bytes>
    output-bytes
  </output-bytes>
  <output-bps>
    output-bps
  </output-bps>
</network-frames>
</bundle>
</multilink-traffic-statistics>
</logical-interface>
</interface-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<interface-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <class>
        <network-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
```



```

        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
      </network-frames>
    </class>
  </multilink-traffic-statistics>
</logical-interface>
</interface-information>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <multilink-traffic-statistics>
      <bundle>
        <network-frames>
          <input-frames>
            input-frames
          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </network-frames>
      </bundle>
    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <multilink-traffic-statistics>
        <class>
          <network-frames>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </network-frames>
        </class>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

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<interface-filter-information>
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    <mlfr-uni-nni-traffic-statistics>
      <bundle>
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            input-frames
```

```

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      input-fps
    </input-fps>
    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps
    </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
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</bundle>
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</physical-interface>
</interface-filter-information>

```

Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

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<interface-filter-information>
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          </input-frames>
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            input-fps
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            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>

```

```
        output-fps
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      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
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</bundle>
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</logical-interface>
</interface-filter-information>
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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

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<interface-filter-information>
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    <class>
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          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
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</interface-filter-information>
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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

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<interface-policer-information>
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            input-fps
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            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
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        </network-frames>
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</interface-policer-information>

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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

Usage

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  <logical-interface>
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```

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  </input-bytes>
  <input-bps>
    input-bps
  </input-bps>
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    output-frames
  </output-frames>
  <output-fps>
    output-fps
  </output-fps>
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    output-bytes
  </output-bytes>
  <output-bps>
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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

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    <mlfr-uni-nni-traffic-statistics>
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            input-bytes
          </input-bytes>
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            input-bps
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          <output-frames>
            output-frames
```

```

        </output-frames>
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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

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            input-fps
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            input-bytes
        </input-bytes>
        <input-bps>
            input-bps
        </input-bps>
        <output-frames>
            output-frames
        </output-frames>
        <output-fps>
            output-fps
        </output-fps>
        <output-bytes>
            output-bytes
        </output-bytes>
        <output-bps>
            output-bps
        </output-bps>
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</multilink-traffic-statistics>
</logical-interface>

```

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</interface-policer-information>
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Description Internet/RE bound frame statistics for multilink bundles and classes

<network-frames>

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            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
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            output-frames
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          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
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      </class>
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  </logical-interface>
</interface-policer-information>
```

Description Internet/RE bound frame statistics for multilink bundles and classes

<non-fragments>

Usage

```
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    input-frames
  </input-frames>
  <input-fps>
    input-fps
```



```

</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
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<output-fps>
  output-fps
</output-fps>
<output-bytes>
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</output-bytes>
<output-bps>
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</output-bps>
</non-fragments>

```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```

<multilink-traffic-statistics>
  <multilink-detail-statistics>
    <bundle-detail>
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        </input-frames>
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          input-fps
        </input-fps>
        <input-bytes>
          input-bytes
        </input-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-frames>
          output-frames
        </output-frames>
        <output-fps>
          output-fps
        </output-fps>
        <output-bytes>
          output-bytes
        </output-bytes>
        <output-bps>
          output-bps
        </output-bps>
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    </bundle-detail>
  </multilink-detail-statistics>
</multilink-traffic-statistics>

```

```
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</multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```
<multilink-traffic-statistics>
<multilink-detail-statistics>
<class-detail>
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</input-frames>
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</multilink-detail-statistics>
</multilink-traffic-statistics>
```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```
<logical-interface>
<multilink-traffic-statistics>
<multilink-detail-statistics>
<bundle-detail>
  <non-fragments>
```

```

<input-frames>
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</input-fps>
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</multilink-traffic-statistics>
</logical-interface>

```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```

<logical-interface>
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          </input-frames>
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            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames

```

```
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</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```
<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <bundle-detail>
        <non-fragments>
          <input-frames>
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          </input-frames>
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            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
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          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </non-fragments>
      </bundle-detail>
    </multilink-detail-statistics>
```

```

    </multilink-traffic-statistics>
  </logical-interface>
</physical-interface>

```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```

<physical-interface>
<logical-interface>
  <multilink-traffic-statistics>
    <multilink-detail-statistics>
      <class-detail>
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          </input-frames>
          <input-fps>
            input-fps
          </input-fps>
          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
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            output-frames
          </output-frames>
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            output-fps
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          <output-bytes>
            output-bytes
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```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```

<interface-information>
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```

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    <multilink-detail-statistics>
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            input-fps
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          <input-bytes>
            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
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            output-frames
          </output-frames>
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          </output-bytes>
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Description Non-fragment statistics for multilink bundles and classes

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Usage

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                input-fps
```

```

</input-fps>
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</input-bytes>
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  input-bps
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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>

```

```
        output-fps
      </output-fps>
    <output-bytes>
      output-bytes
    </output-bytes>
    <output-bps>
      output-bps
    </output-bps>
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Description Non-fragment statistics for multilink bundles and classes

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Usage

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  </multilink-traffic-statistics>
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</interface-information>

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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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<interface-filter-information>

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            <input-bps>
              input-bps
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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

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              input-fps
```

```

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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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      input-fps
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    <input-bytes>
      input-bytes
    </input-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-frames>
      output-frames
    </output-frames>
    <output-fps>
      output-fps

```

```
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</output-bytes>
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</output-bps>
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</multilink-traffic-statistics>
</logical-interface>
</interface-filter-information>
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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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<logical-interface>
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            input-fps
          </input-fps>
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            input-bytes
          </input-bytes>
          <input-bps>
            input-bps
          </input-bps>
          <output-frames>
            output-frames
          </output-frames>
          <output-fps>
            output-fps
          </output-fps>
          <output-bytes>
            output-bytes
          </output-bytes>
          <output-bps>
            output-bps
          </output-bps>
        </non-fragments>
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    </multilink-detail-statistics>
  </multilink-traffic-statistics>
```

```

    </logical-interface>
  </physical-interface>
</interface-policer-information>

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Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

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                input-fps
              </input-fps>
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                input-bytes
              </input-bytes>
              <input-bps>
                input-bps
              </input-bps>
              <output-frames>
                output-frames
              </output-frames>
              <output-fps>
                output-fps
              </output-fps>
              <output-bytes>
                output-bytes
              </output-bytes>
              <output-bps>
                output-bps
              </output-bps>
            </non-fragments>
          </class-detail>
        </multilink-detail-statistics>
      </multilink-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <bundle-detail>
          <non-fragments>
            <input-frames>
              input-frames
            </input-frames>
            <input-fps>
              input-fps
            </input-fps>
            <input-bytes>
              input-bytes
            </input-bytes>
            <input-bps>
              input-bps
            </input-bps>
            <output-frames>
              output-frames
            </output-frames>
            <output-fps>
              output-fps
            </output-fps>
            <output-bytes>
              output-bytes
            </output-bytes>
            <output-bps>
              output-bps
            </output-bps>
          </non-fragments>
        </bundle-detail>
      </multilink-detail-statistics>
    </multilink-traffic-statistics>
  </logical-interface>
</interface-policer-information>
```

Description Non-fragment statistics for multilink bundles and classes

<non-fragments>

Usage

```
<interface-policer-information>
  <logical-interface>
    <multilink-traffic-statistics>
      <multilink-detail-statistics>
        <class-detail>
          <non-fragments>
            <input-frames>
              input-frames
            </input-frames>
```

```

<input-fps>
  input-fps
</input-fps>
<input-bytes>
  input-bytes
</input-bytes>
<input-bps>
  input-bps
</input-bps>
<output-frames>
  output-frames
</output-frames>
<output-fps>
  output-fps
</output-fps>
<output-bytes>
  output-bytes
</output-bytes>
<output-bps>
  output-bps
</output-bps>
</non-fragments>
</class-detail>
</multilink-detail-statistics>
</multilink-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description Non-fragment statistics for multilink bundles and classes

<nxds0-information>

Usage

```

<nxds0-information>
  <interface-tx-queue>....</interface-tx-queue>
</nxds0-information>

```

Description

<nxds0-information>

Usage

```

<physical-interface>
  <nxds0-information>
    <interface-tx-queue>....</interface-tx-queue>
  </nxds0-information>
</physical-interface>

```

Description

<nxdso-information>

Usage

```
<interface-information>
  <physical-interface>
    <nxdso-information>
      <interface-tx-queue>....</interface-tx-queue>
    </nxdso-information>
  </physical-interface>
</interface-information>
```

Description

<nxdso-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <nxdso-information>
      <interface-tx-queue>....</interface-tx-queue>
    </nxdso-information>
  </physical-interface>
</interface-filter-information>
```

Description

<nxdso-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <nxdso-information>
      <interface-tx-queue>....</interface-tx-queue>
    </nxdso-information>
  </physical-interface>
</interface-policer-information>
```

Description

<oam-parameters>

Usage

```
<virtual-circuit-information>
  <oam-parameters>
    <period>
      period
    </period>
    <up-count>
      up-count
    </up-count>
    <down-count>
      down-count
    </down-count>
```



```

</oam-parameters>
</virtual-circuit-information>

```

Description**<oam-parameters>****Usage**

```

<virtual-path-information>
  <oam-parameters>
    <period>
      period
    </period>
    <up-count>
      up-count
    </up-count>
    <down-count>
      down-count
    </down-count>
  </oam-parameters>
</virtual-path-information>

```

Description**<oam-parameters>****Usage**

```

<logical-interface>
  <virtual-circuit-information>
    <oam-parameters>
      <period>
        period
      </period>
      <up-count>
        up-count
      </up-count>
      <down-count>
        down-count
      </down-count>
    </oam-parameters>
  </virtual-circuit-information>
</logical-interface>

```

Description**<oam-parameters>****Usage**

```

<physical-interface>
  <virtual-path-information>
    <oam-parameters>
      <period>
        period
      </period>

```

```
<up-count>
  up-count
</up-count>
<down-count>
  down-count
</down-count>
</oam-parameters>
</virtual-path-information>
</physical-interface>
```

Description

<oam-parameters>

Usage

```
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <oam-parameters>
      <period>
        period
      </period>
      <up-count>
        up-count
      </up-count>
      <down-count>
        down-count
      </down-count>
    </oam-parameters>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<oam-parameters>

Usage

```
<interface-information>
  <physical-interface>
    <virtual-path-information>
      <oam-parameters>
        <period>
          period
        </period>
        <up-count>
          up-count
        </up-count>
        <down-count>
          down-count
        </down-count>
      </oam-parameters>
    </virtual-path-information>
  </physical-interface>
```

```
</interface-information>
```

Description

<oam-parameters>

Usage

```
<interface-information>
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <oam-parameters>
        <period>
          period
        </period>
        <up-count>
          up-count
        </up-count>
        <down-count>
          down-count
        </down-count>
      </oam-parameters>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-information>
```

Description

<oam-parameters>

Usage

```
<interface-information>
<logical-interface>
  <virtual-circuit-information>
    <oam-parameters>
      <period>
        period
      </period>
      <up-count>
        up-count
      </up-count>
      <down-count>
        down-count
      </down-count>
    </oam-parameters>
  </virtual-circuit-information>
</logical-interface>
</interface-information>
```

Description

<oam-parameters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <virtual-path-information>
      <oam-parameters>
        <period>
          period
        </period>
        <up-count>
          up-count
        </up-count>
        <down-count>
          down-count
        </down-count>
      </oam-parameters>
    </virtual-path-information>
  </physical-interface>
</interface-filter-information>
```

Description

<oam-parameters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <oam-parameters>
          <period>
            period
          </period>
          <up-count>
            up-count
          </up-count>
          <down-count>
            down-count
          </down-count>
        </oam-parameters>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<oam-parameters>

Usage

```
<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
```

```

<oam-parameters>
  <period>
    period
  </period>
  <up-count>
    up-count
  </up-count>
  <down-count>
    down-count
  </down-count>
</oam-parameters>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>

```

Description

<oam-parameters>

Usage

```

<interface-policer-information>
  <physical-interface>
    <virtual-path-information>
      <oam-parameters>
        <period>
          period
        </period>
        <up-count>
          up-count
        </up-count>
        <down-count>
          down-count
        </down-count>
      </oam-parameters>
    </virtual-path-information>
  </physical-interface>
</interface-policer-information>

```

Description

<oam-parameters>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <oam-parameters>
          <period>
            period
          </period>
          <up-count>
            up-count
          </up-count>

```

```
<down-count>
  down-count
</down-count>
</oam-parameters>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<oam-parameters>

Usage

```
<interface-policer-information>
<logical-interface>
<virtual-circuit-information>
  <oam-parameters>
    <period>
      period
    </period>
    <up-count>
      up-count
    </up-count>
    <down-count>
      down-count
    </down-count>
  </oam-parameters>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>
```

Description

<oam-statistics>

Usage

```
<oam-statistics>
  <oam-loopback-received-count>
    oam-loopback-received-count
  </oam-loopback-received-count>
  <oam-loopback-received-last>
    oam-loopback-received-last
  </oam-loopback-received-last>
  <oam-loopback-transmitted-count>
    oam-loopback-transmitted-count
  </oam-loopback-transmitted-count>
  <oam-loopback-transmitted-last>
    oam-loopback-transmitted-last
  </oam-loopback-transmitted-last>
  <oam-rdi-received-count>
    oam-rdi-received-count
  </oam-rdi-received-count>
  <oam-rdi-received-last>
```

```

    oam-rdi-received-last
  </oam-rdi-received-last>
  <oam-rdi-transmitted-count>
    oam-rdi-transmitted-count
  </oam-rdi-transmitted-count>
  <oam-rdi-transmitted-last>
    oam-rdi-transmitted-last
  </oam-rdi-transmitted-last>
  <oam-ais-received-count>
    oam-ais-received-count
  </oam-ais-received-count>
  <oam-ais-received-last>
    oam-ais-received-last
  </oam-ais-received-last>
  <oam-ais-transmitted-count>
    oam-ais-transmitted-count
  </oam-ais-transmitted-count>
  <oam-ais-transmitted-last>
    oam-ais-transmitted-last
  </oam-ais-transmitted-last>
  <oam-total-transmitted-count>
    oam-total-transmitted-count
  </oam-total-transmitted-count>
  <oam-total-received-count>
    oam-total-received-count
  </oam-total-received-count>
  <oam-total-transmitted-count-4>
    oam-total-transmitted-count-4
  </oam-total-transmitted-count-4>
  <oam-total-received-count-4>
    oam-total-received-count-4
  </oam-total-received-count-4>
</oam-statistics>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<virtual-circuit-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
    <oam-rdi-received-count>

```

```
    oam-rdi-received-count
  </oam-rdi-received-count>
  <oam-rdi-received-last>
    oam-rdi-received-last
  </oam-rdi-received-last>
  <oam-rdi-transmitted-count>
    oam-rdi-transmitted-count
  </oam-rdi-transmitted-count>
  <oam-rdi-transmitted-last>
    oam-rdi-transmitted-last
  </oam-rdi-transmitted-last>
  <oam-ais-received-count>
    oam-ais-received-count
  </oam-ais-received-count>
  <oam-ais-received-last>
    oam-ais-received-last
  </oam-ais-received-last>
  <oam-ais-transmitted-count>
    oam-ais-transmitted-count
  </oam-ais-transmitted-count>
  <oam-ais-transmitted-last>
    oam-ais-transmitted-last
  </oam-ais-transmitted-last>
  <oam-total-transmitted-count>
    oam-total-transmitted-count
  </oam-total-transmitted-count>
  <oam-total-received-count>
    oam-total-received-count
  </oam-total-received-count>
  <oam-total-transmitted-count-4>
    oam-total-transmitted-count-4
  </oam-total-transmitted-count-4>
  <oam-total-received-count-4>
    oam-total-received-count-4
  </oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```
<virtual-path-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
```



```

<oam-loopback-transmitted-last>
  oam-loopback-transmitted-last
</oam-loopback-transmitted-last>
<oam-rdi-received-count>
  oam-rdi-received-count
</oam-rdi-received-count>
<oam-rdi-received-last>
  oam-rdi-received-last
</oam-rdi-received-last>
<oam-rdi-transmitted-count>
  oam-rdi-transmitted-count
</oam-rdi-transmitted-count>
<oam-rdi-transmitted-last>
  oam-rdi-transmitted-last
</oam-rdi-transmitted-last>
<oam-ais-received-count>
  oam-ais-received-count
</oam-ais-received-count>
<oam-ais-received-last>
  oam-ais-received-last
</oam-ais-received-last>
<oam-ais-transmitted-count>
  oam-ais-transmitted-count
</oam-ais-transmitted-count>
<oam-ais-transmitted-last>
  oam-ais-transmitted-last
</oam-ais-transmitted-last>
<oam-total-transmitted-count>
  oam-total-transmitted-count
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-path-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<logical-interface>
  <virtual-circuit-information>
    <oam-statistics>
      <oam-loopback-received-count>
        oam-loopback-received-count
      </oam-loopback-received-count>
      <oam-loopback-received-last>

```

```

    oam-loopback-received-last
  </oam-loopback-received-last>
  <oam-loopback-transmitted-count>
    oam-loopback-transmitted-count
  </oam-loopback-transmitted-count>
  <oam-loopback-transmitted-last>
    oam-loopback-transmitted-last
  </oam-loopback-transmitted-last>
  <oam-rdi-received-count>
    oam-rdi-received-count
  </oam-rdi-received-count>
  <oam-rdi-received-last>
    oam-rdi-received-last
  </oam-rdi-received-last>
  <oam-rdi-transmitted-count>
    oam-rdi-transmitted-count
  </oam-rdi-transmitted-count>
  <oam-rdi-transmitted-last>
    oam-rdi-transmitted-last
  </oam-rdi-transmitted-last>
  <oam-ais-received-count>
    oam-ais-received-count
  </oam-ais-received-count>
  <oam-ais-received-last>
    oam-ais-received-last
  </oam-ais-received-last>
  <oam-ais-transmitted-count>
    oam-ais-transmitted-count
  </oam-ais-transmitted-count>
  <oam-ais-transmitted-last>
    oam-ais-transmitted-last
  </oam-ais-transmitted-last>
  <oam-total-transmitted-count>
    oam-total-transmitted-count
  </oam-total-transmitted-count>
  <oam-total-received-count>
    oam-total-received-count
  </oam-total-received-count>
  <oam-total-transmitted-count-4>
    oam-total-transmitted-count-4
  </oam-total-transmitted-count-4>
  <oam-total-received-count-4>
    oam-total-received-count-4
  </oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
</logical-interface>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```
<physical-interface>
```

```
<virtual-path-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
    <oam-rdi-received-count>
      oam-rdi-received-count
    </oam-rdi-received-count>
    <oam-rdi-received-last>
      oam-rdi-received-last
    </oam-rdi-received-last>
    <oam-rdi-transmitted-count>
      oam-rdi-transmitted-count
    </oam-rdi-transmitted-count>
    <oam-rdi-transmitted-last>
      oam-rdi-transmitted-last
    </oam-rdi-transmitted-last>
    <oam-ais-received-count>
      oam-ais-received-count
    </oam-ais-received-count>
    <oam-ais-received-last>
      oam-ais-received-last
    </oam-ais-received-last>
    <oam-ais-transmitted-count>
      oam-ais-transmitted-count
    </oam-ais-transmitted-count>
    <oam-ais-transmitted-last>
      oam-ais-transmitted-last
    </oam-ais-transmitted-last>
    <oam-total-transmitted-count>
      oam-total-transmitted-count
    </oam-total-transmitted-count>
    <oam-total-received-count>
      oam-total-received-count
    </oam-total-received-count>
    <oam-total-transmitted-count-4>
      oam-total-transmitted-count-4
    </oam-total-transmitted-count-4>
    <oam-total-received-count-4>
      oam-total-received-count-4
    </oam-total-received-count-4>
  </oam-statistics>
</virtual-path-information>
</physical-interface>
```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <oam-statistics>
        <oam-loopback-received-count>
          oam-loopback-received-count
        </oam-loopback-received-count>
        <oam-loopback-received-last>
          oam-loopback-received-last
        </oam-loopback-received-last>
        <oam-loopback-transmitted-count>
          oam-loopback-transmitted-count
        </oam-loopback-transmitted-count>
        <oam-loopback-transmitted-last>
          oam-loopback-transmitted-last
        </oam-loopback-transmitted-last>
        <oam-rdi-received-count>
          oam-rdi-received-count
        </oam-rdi-received-count>
        <oam-rdi-received-last>
          oam-rdi-received-last
        </oam-rdi-received-last>
        <oam-rdi-transmitted-count>
          oam-rdi-transmitted-count
        </oam-rdi-transmitted-count>
        <oam-rdi-transmitted-last>
          oam-rdi-transmitted-last
        </oam-rdi-transmitted-last>
        <oam-ais-received-count>
          oam-ais-received-count
        </oam-ais-received-count>
        <oam-ais-received-last>
          oam-ais-received-last
        </oam-ais-received-last>
        <oam-ais-transmitted-count>
          oam-ais-transmitted-count
        </oam-ais-transmitted-count>
        <oam-ais-transmitted-last>
          oam-ais-transmitted-last
        </oam-ais-transmitted-last>
        <oam-total-transmitted-count>
          oam-total-transmitted-count
        </oam-total-transmitted-count>
        <oam-total-received-count>
          oam-total-received-count
        </oam-total-received-count>
        <oam-total-transmitted-count-4>
          oam-total-transmitted-count-4
        </oam-total-transmitted-count-4>
        <oam-total-received-count-4>

```

```

        oam-total-received-count-4
      </oam-total-received-count-4>
    </oam-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-information>
<physical-interface>
<virtual-path-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
    <oam-rdi-received-count>
      oam-rdi-received-count
    </oam-rdi-received-count>
    <oam-rdi-received-last>
      oam-rdi-received-last
    </oam-rdi-received-last>
    <oam-rdi-transmitted-count>
      oam-rdi-transmitted-count
    </oam-rdi-transmitted-count>
    <oam-rdi-transmitted-last>
      oam-rdi-transmitted-last
    </oam-rdi-transmitted-last>
    <oam-ais-received-count>
      oam-ais-received-count
    </oam-ais-received-count>
    <oam-ais-received-last>
      oam-ais-received-last
    </oam-ais-received-last>
    <oam-ais-transmitted-count>
      oam-ais-transmitted-count
    </oam-ais-transmitted-count>
    <oam-ais-transmitted-last>
      oam-ais-transmitted-last
    </oam-ais-transmitted-last>
    <oam-total-transmitted-count>
      oam-total-transmitted-count

```

```
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-path-information>
</physical-interface>
</interface-information>
```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
    <oam-rdi-received-count>
      oam-rdi-received-count
    </oam-rdi-received-count>
    <oam-rdi-received-last>
      oam-rdi-received-last
    </oam-rdi-received-last>
    <oam-rdi-transmitted-count>
      oam-rdi-transmitted-count
    </oam-rdi-transmitted-count>
    <oam-rdi-transmitted-last>
      oam-rdi-transmitted-last
    </oam-rdi-transmitted-last>
    <oam-ais-received-count>
      oam-ais-received-count
    </oam-ais-received-count>
    <oam-ais-received-last>
      oam-ais-received-last
```

```

</oam-ais-received-last>
<oam-ais-transmitted-count>
  oam-ais-transmitted-count
</oam-ais-transmitted-count>
<oam-ais-transmitted-last>
  oam-ais-transmitted-last
</oam-ais-transmitted-last>
<oam-total-transmitted-count>
  oam-total-transmitted-count
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-information>
<logical-interface>
<virtual-circuit-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
    <oam-rdi-received-count>
      oam-rdi-received-count
    </oam-rdi-received-count>
    <oam-rdi-received-last>
      oam-rdi-received-last
    </oam-rdi-received-last>
    <oam-rdi-transmitted-count>
      oam-rdi-transmitted-count

```

```

</oam-rdi-transmitted-count>
<oam-rdi-transmitted-last>
  oam-rdi-transmitted-last
</oam-rdi-transmitted-last>
<oam-ais-received-count>
  oam-ais-received-count
</oam-ais-received-count>
<oam-ais-received-last>
  oam-ais-received-last
</oam-ais-received-last>
<oam-ais-transmitted-count>
  oam-ais-transmitted-count
</oam-ais-transmitted-count>
<oam-ais-transmitted-last>
  oam-ais-transmitted-last
</oam-ais-transmitted-last>
<oam-total-transmitted-count>
  oam-total-transmitted-count
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-filter-information>
<physical-interface>
<virtual-path-information>
  <oam-statistics>
    <oam-loopback-received-count>
      oam-loopback-received-count
    </oam-loopback-received-count>
    <oam-loopback-received-last>
      oam-loopback-received-last
    </oam-loopback-received-last>
    <oam-loopback-transmitted-count>
      oam-loopback-transmitted-count
    </oam-loopback-transmitted-count>
    <oam-loopback-transmitted-last>
      oam-loopback-transmitted-last
    </oam-loopback-transmitted-last>
  </oam-statistics>
</virtual-path-information>
</physical-interface>
</interface-filter-information>

```



```

<oam-rdi-received-count>
  oam-rdi-received-count
</oam-rdi-received-count>
<oam-rdi-received-last>
  oam-rdi-received-last
</oam-rdi-received-last>
<oam-rdi-transmitted-count>
  oam-rdi-transmitted-count
</oam-rdi-transmitted-count>
<oam-rdi-transmitted-last>
  oam-rdi-transmitted-last
</oam-rdi-transmitted-last>
<oam-ais-received-count>
  oam-ais-received-count
</oam-ais-received-count>
<oam-ais-received-last>
  oam-ais-received-last
</oam-ais-received-last>
<oam-ais-transmitted-count>
  oam-ais-transmitted-count
</oam-ais-transmitted-count>
<oam-ais-transmitted-last>
  oam-ais-transmitted-last
</oam-ais-transmitted-last>
<oam-total-transmitted-count>
  oam-total-transmitted-count
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-path-information>
</physical-interface>
</interface-filter-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-filter-information>
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <oam-statistics>
        <oam-loopback-received-count>
          oam-loopback-received-count
        </oam-loopback-received-count>
      </oam-statistics>
    </virtual-circuit-information>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

```
<oam-loopback-received-last>
  oam-loopback-received-last
</oam-loopback-received-last>
<oam-loopback-transmitted-count>
  oam-loopback-transmitted-count
</oam-loopback-transmitted-count>
<oam-loopback-transmitted-last>
  oam-loopback-transmitted-last
</oam-loopback-transmitted-last>
<oam-rdi-received-count>
  oam-rdi-received-count
</oam-rdi-received-count>
<oam-rdi-received-last>
  oam-rdi-received-last
</oam-rdi-received-last>
<oam-rdi-transmitted-count>
  oam-rdi-transmitted-count
</oam-rdi-transmitted-count>
<oam-rdi-transmitted-last>
  oam-rdi-transmitted-last
</oam-rdi-transmitted-last>
<oam-ais-received-count>
  oam-ais-received-count
</oam-ais-received-count>
<oam-ais-received-last>
  oam-ais-received-last
</oam-ais-received-last>
<oam-ais-transmitted-count>
  oam-ais-transmitted-count
</oam-ais-transmitted-count>
<oam-ais-transmitted-last>
  oam-ais-transmitted-last
</oam-ais-transmitted-last>
<oam-total-transmitted-count>
  oam-total-transmitted-count
</oam-total-transmitted-count>
<oam-total-received-count>
  oam-total-received-count
</oam-total-received-count>
<oam-total-transmitted-count-4>
  oam-total-transmitted-count-4
</oam-total-transmitted-count-4>
<oam-total-received-count-4>
  oam-total-received-count-4
</oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <oam-statistics>
        <oam-loopback-received-count>
          oam-loopback-received-count
        </oam-loopback-received-count>
        <oam-loopback-received-last>
          oam-loopback-received-last
        </oam-loopback-received-last>
        <oam-loopback-transmitted-count>
          oam-loopback-transmitted-count
        </oam-loopback-transmitted-count>
        <oam-loopback-transmitted-last>
          oam-loopback-transmitted-last
        </oam-loopback-transmitted-last>
        <oam-rdi-received-count>
          oam-rdi-received-count
        </oam-rdi-received-count>
        <oam-rdi-received-last>
          oam-rdi-received-last
        </oam-rdi-received-last>
        <oam-rdi-transmitted-count>
          oam-rdi-transmitted-count
        </oam-rdi-transmitted-count>
        <oam-rdi-transmitted-last>
          oam-rdi-transmitted-last
        </oam-rdi-transmitted-last>
        <oam-ais-received-count>
          oam-ais-received-count
        </oam-ais-received-count>
        <oam-ais-received-last>
          oam-ais-received-last
        </oam-ais-received-last>
        <oam-ais-transmitted-count>
          oam-ais-transmitted-count
        </oam-ais-transmitted-count>
        <oam-ais-transmitted-last>
          oam-ais-transmitted-last
        </oam-ais-transmitted-last>
        <oam-total-transmitted-count>
          oam-total-transmitted-count
        </oam-total-transmitted-count>
        <oam-total-received-count>
          oam-total-received-count
        </oam-total-received-count>
        <oam-total-transmitted-count-4>
          oam-total-transmitted-count-4
        </oam-total-transmitted-count-4>
        <oam-total-received-count-4>
          oam-total-received-count-4
        </oam-total-received-count-4>

```

```
</oam-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<virtual-path-information>
<oam-statistics>
  <oam-loopback-received-count>
    oam-loopback-received-count
  </oam-loopback-received-count>
  <oam-loopback-received-last>
    oam-loopback-received-last
  </oam-loopback-received-last>
  <oam-loopback-transmitted-count>
    oam-loopback-transmitted-count
  </oam-loopback-transmitted-count>
  <oam-loopback-transmitted-last>
    oam-loopback-transmitted-last
  </oam-loopback-transmitted-last>
  <oam-rdi-received-count>
    oam-rdi-received-count
  </oam-rdi-received-count>
  <oam-rdi-received-last>
    oam-rdi-received-last
  </oam-rdi-received-last>
  <oam-rdi-transmitted-count>
    oam-rdi-transmitted-count
  </oam-rdi-transmitted-count>
  <oam-rdi-transmitted-last>
    oam-rdi-transmitted-last
  </oam-rdi-transmitted-last>
  <oam-ais-received-count>
    oam-ais-received-count
  </oam-ais-received-count>
  <oam-ais-received-last>
    oam-ais-received-last
  </oam-ais-received-last>
  <oam-ais-transmitted-count>
    oam-ais-transmitted-count
  </oam-ais-transmitted-count>
  <oam-ais-transmitted-last>
    oam-ais-transmitted-last
  </oam-ais-transmitted-last>
  <oam-total-transmitted-count>
    oam-total-transmitted-count
  </oam-total-transmitted-count>
  <oam-total-received-count>
```

```

        oam-total-received-count
      </oam-total-received-count>
      <oam-total-transmitted-count-4>
        oam-total-transmitted-count-4
      </oam-total-transmitted-count-4>
      <oam-total-received-count-4>
        oam-total-received-count-4
      </oam-total-received-count-4>
    </oam-statistics>
  </virtual-path-information>
</physical-interface>
</interface-policer-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <oam-statistics>
          <oam-loopback-received-count>
            oam-loopback-received-count
          </oam-loopback-received-count>
          <oam-loopback-received-last>
            oam-loopback-received-last
          </oam-loopback-received-last>
          <oam-loopback-transmitted-count>
            oam-loopback-transmitted-count
          </oam-loopback-transmitted-count>
          <oam-loopback-transmitted-last>
            oam-loopback-transmitted-last
          </oam-loopback-transmitted-last>
          <oam-rdi-received-count>
            oam-rdi-received-count
          </oam-rdi-received-count>
          <oam-rdi-received-last>
            oam-rdi-received-last
          </oam-rdi-received-last>
          <oam-rdi-transmitted-count>
            oam-rdi-transmitted-count
          </oam-rdi-transmitted-count>
          <oam-rdi-transmitted-last>
            oam-rdi-transmitted-last
          </oam-rdi-transmitted-last>
          <oam-ais-received-count>
            oam-ais-received-count
          </oam-ais-received-count>
          <oam-ais-received-last>
            oam-ais-received-last
          </oam-ais-received-last>
          <oam-ais-transmitted-count>

```

```

        oam-ais-transmitted-count
      </oam-ais-transmitted-count>
      <oam-ais-transmitted-last>
        oam-ais-transmitted-last
      </oam-ais-transmitted-last>
      <oam-total-transmitted-count>
        oam-total-transmitted-count
      </oam-total-transmitted-count>
      <oam-total-received-count>
        oam-total-received-count
      </oam-total-received-count>
      <oam-total-transmitted-count-4>
        oam-total-transmitted-count-4
      </oam-total-transmitted-count-4>
      <oam-total-received-count-4>
        oam-total-received-count-4
      </oam-total-received-count-4>
    </oam-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Container tag for OAM statistics

<oam-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <oam-statistics>
        <oam-loopback-received-count>
          oam-loopback-received-count
        </oam-loopback-received-count>
        <oam-loopback-received-last>
          oam-loopback-received-last
        </oam-loopback-received-last>
        <oam-loopback-transmitted-count>
          oam-loopback-transmitted-count
        </oam-loopback-transmitted-count>
        <oam-loopback-transmitted-last>
          oam-loopback-transmitted-last
        </oam-loopback-transmitted-last>
        <oam-rdi-received-count>
          oam-rdi-received-count
        </oam-rdi-received-count>
        <oam-rdi-received-last>
          oam-rdi-received-last
        </oam-rdi-received-last>
        <oam-rdi-transmitted-count>
          oam-rdi-transmitted-count
        </oam-rdi-transmitted-count>
        <oam-rdi-transmitted-last>

```

```

    oam-rdi-transmitted-last
  </oam-rdi-transmitted-last>
  <oam-ais-received-count>
    oam-ais-received-count
  </oam-ais-received-count>
  <oam-ais-received-last>
    oam-ais-received-last
  </oam-ais-received-last>
  <oam-ais-transmitted-count>
    oam-ais-transmitted-count
  </oam-ais-transmitted-count>
  <oam-ais-transmitted-last>
    oam-ais-transmitted-last
  </oam-ais-transmitted-last>
  <oam-total-transmitted-count>
    oam-total-transmitted-count
  </oam-total-transmitted-count>
  <oam-total-received-count>
    oam-total-received-count
  </oam-total-received-count>
  <oam-total-transmitted-count-4>
    oam-total-transmitted-count-4
  </oam-total-transmitted-count-4>
  <oam-total-received-count-4>
    oam-total-received-count-4
  </oam-total-received-count-4>
</oam-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description Container tag for OAM statistics

<optics-diagnostics>

Usage

```

<optics-diagnostics>
  <optic-diagnostics-not-available>
    optic-diagnostics-not-available
  </optic-diagnostics-not-available>
  <laser-bias-current-not-available>
    laser-bias-current-not-available
  </laser-bias-current-not-available>
  <soa-bias-current-not-available>
    soa-bias-current-not-available
  </soa-bias-current-not-available>
  <laser-tx-power-not-available>
    laser-tx-power-not-available
  </laser-tx-power-not-available>
  <module-temperature-not-available>
    module-temperature-not-available
  </module-temperature-not-available>
  <laser-rx-power-not-available>
    laser-rx-power-not-available

```

```
</laser-rx-power-not-available>
<laser-bias-current>
  laser-bias-current
</laser-bias-current>
<laser-output-power>
  laser-output-power
</laser-output-power>
<laser-output-power-dbm>
  laser-output-power-dbm
</laser-output-power-dbm>
<module-temperature>
  module-temperature
</module-temperature>
<module-voltage>
  module-voltage
</module-voltage>
<soa-bias-current>
  soa-bias-current
</soa-bias-current>
<rx-signal-avg-optical-power>
  rx-signal-avg-optical-power
</rx-signal-avg-optical-power>
<rx-signal-avg-optical-power-dbm>
  rx-signal-avg-optical-power-dbm
</rx-signal-avg-optical-power-dbm>
<laser-rx-optical-power>
  laser-rx-optical-power
</laser-rx-optical-power>
<laser-rx-optical-power-dbm>
  laser-rx-optical-power-dbm
</laser-rx-optical-power-dbm>
<laser-bias-current-high-alarm>
  laser-bias-current-high-alarm
</laser-bias-current-high-alarm>
<laser-bias-current-low-alarm>
  laser-bias-current-low-alarm
</laser-bias-current-low-alarm>
<laser-bias-current-high-warn>
  laser-bias-current-high-warn
</laser-bias-current-high-warn>
<laser-bias-current-low-warn>
  laser-bias-current-low-warn
</laser-bias-current-low-warn>
<laser-tx-power-high-alarm>
  laser-tx-power-high-alarm
</laser-tx-power-high-alarm>
<laser-tx-power-low-alarm>
  laser-tx-power-low-alarm
</laser-tx-power-low-alarm>
<laser-tx-power-high-warn>
  laser-tx-power-high-warn
</laser-tx-power-high-warn>
<laser-tx-power-low-warn>
  laser-tx-power-low-warn
</laser-tx-power-low-warn>
<laser-rx-power-high-alarm>
```



```
    laser-rx-power-high-alarm
  </laser-rx-power-high-alarm>
  <laser-rx-power-low-alarm>
    laser-rx-power-low-alarm
  </laser-rx-power-low-alarm>
  <laser-rx-power-high-warn>
    laser-rx-power-high-warn
  </laser-rx-power-high-warn>
  <laser-rx-power-low-warn>
    laser-rx-power-low-warn
  </laser-rx-power-low-warn>
  <tx-loss-of-signal-functionality-alarm>
    tx-loss-of-signal-functionality-alarm
  </tx-loss-of-signal-functionality-alarm>
  <tx-cdr-loss-of-lock-alarm>
    tx-cdr-loss-of-lock-alarm
  </tx-cdr-loss-of-lock-alarm>
  <rx-loss-of-signal-alarm>
    rx-loss-of-signal-alarm
  </rx-loss-of-signal-alarm>
  <rx-cdr-loss-of-lock-alarm>
    rx-cdr-loss-of-lock-alarm
  </rx-cdr-loss-of-lock-alarm>
  <apd-supply-fault-alarm>
    apd-supply-fault-alarm
  </apd-supply-fault-alarm>
  <tec-fault-alarm>
    tec-fault-alarm
  </tec-fault-alarm>
  <wavelength-unlocked-alarm>
    wavelength-unlocked-alarm
  </wavelength-unlocked-alarm>
  <module-voltage-high-alarm>
    module-voltage-high-alarm
  </module-voltage-high-alarm>
  <module-voltage-low-alarm>
    module-voltage-low-alarm
  </module-voltage-low-alarm>
  <module-voltage-high-warn>
    module-voltage-high-warn
  </module-voltage-high-warn>
  <module-voltage-low-warn>
    module-voltage-low-warn
  </module-voltage-low-warn>
  <module-temperature-high-alarm>
    module-temperature-high-alarm
  </module-temperature-high-alarm>
  <module-temperature-low-alarm>
    module-temperature-low-alarm
  </module-temperature-low-alarm>
  <module-temperature-high-warn>
    module-temperature-high-warn
  </module-temperature-high-warn>
  <module-temperature-low-warn>
    module-temperature-low-warn
  </module-temperature-low-warn>
```

```
<soa-bias-current-high-alarm>
  soa-bias-current-high-alarm
</soa-bias-current-high-alarm>
<soa-bias-current-low-alarm>
  soa-bias-current-low-alarm
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Description Optics diagnostics

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Usage

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</physical-interface>

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Description Optics diagnostics

<optics-diagnostics>

Usage

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</interface-filter-information>

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Description Optics diagnostics

<optics-diagnostics>

Usage

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            laser-rx-optical-power-dbm

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</apd-supply-fault-alarm>
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</tec-fault-alarm>
<wavelength-unlocked-alarm>
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<module-voltage-low-warn>
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<soa-bias-current-low-warn>
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</module-not-init-done-alarm>
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```

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  </laser-rx-power-low-alarm-threshold-dbm>
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</optics-diagnostics>
</link-entry>

```

```
</links>
</physical-interface>
</interface-policer-information>
```

Description Optics diagnostics

<optics-diagnostics-lane-values>

Usage

```
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  <laser-output-power-dbm>
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  </laser-output-power-dbm>
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    laser-temperature
  </laser-temperature>
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    laser-rx-optical-power
  </laser-rx-optical-power>
  <laser-rx-optical-power-dbm>
    laser-rx-optical-power-dbm
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    laser-tx-power-low-warn
```

```

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</optics-diagnostics-lane-values>

```

Description

<optics-diagnostics-lane-values>

Usage

```

<optics-diagnostics>
  <optics-diagnostics-lane-values>

```

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</laser-temp-high-warn>
<laser-temp-low-warn>
  laser-temp-low-warn
```



```

</laser-temp-low-warn>
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</tec-fault-alarm>
<wavelength-unlocked-alarm>
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</wavelength-unlocked-alarm>
<apd-supply-fault-alarm>
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</apd-supply-fault-alarm>
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</tx-cdr-loss-of-lock-alarm>
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</rx-loss-of-signal-alarm>
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</rx-cdr-loss-of-lock-alarm>
</optics-diagnostics-lane-values>
</optics-diagnostics>

```

Description

<optics-diagnostics-lane-values>

Usage

```

<physical-interface>
<links>
  <link-entry>
    <optics-diagnostics>
      <optics-diagnostics-lane-values>
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          lane-index
        </lane-index>
        <laser-bias-current>
          laser-bias-current
        </laser-bias-current>
        <laser-output-power>
          laser-output-power

```

```
</laser-output-power>
<laser-output-power-dbm>
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</laser-output-power-dbm>
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</laser-temperature>
<laser-rx-optical-power>
  laser-rx-optical-power
</laser-rx-optical-power>
<laser-rx-optical-power-dbm>
  laser-rx-optical-power-dbm
</laser-rx-optical-power-dbm>
<laser-bias-current-high-alarm>
  laser-bias-current-high-alarm
</laser-bias-current-high-alarm>
<laser-bias-current-low-alarm>
  laser-bias-current-low-alarm
</laser-bias-current-low-alarm>
<laser-bias-current-high-warn>
  laser-bias-current-high-warn
</laser-bias-current-high-warn>
<laser-bias-current-low-warn>
  laser-bias-current-low-warn
</laser-bias-current-low-warn>
<laser-tx-power-high-alarm>
  laser-tx-power-high-alarm
</laser-tx-power-high-alarm>
<laser-tx-power-low-alarm>
  laser-tx-power-low-alarm
</laser-tx-power-low-alarm>
<laser-tx-power-high-warn>
  laser-tx-power-high-warn
</laser-tx-power-high-warn>
<laser-tx-power-low-warn>
  laser-tx-power-low-warn
</laser-tx-power-low-warn>
<laser-temp-high-alarm>
  laser-temp-high-alarm
</laser-temp-high-alarm>
<laser-temp-low-alarm>
  laser-temp-low-alarm
</laser-temp-low-alarm>
<laser-temp-high-warn>
  laser-temp-high-warn
</laser-temp-high-warn>
<laser-temp-low-warn>
  laser-temp-low-warn
</laser-temp-low-warn>
<laser-rx-power-high-alarm>
  laser-rx-power-high-alarm
</laser-rx-power-high-alarm>
<laser-rx-power-low-alarm>
  laser-rx-power-low-alarm
</laser-rx-power-low-alarm>
<laser-rx-power-high-warn>
```

```

    laser-rx-power-high-warn
  </laser-rx-power-high-warn>
  <laser-rx-power-low-warn>
    laser-rx-power-low-warn
  </laser-rx-power-low-warn>
  <tec-fault-alarm>
    tec-fault-alarm
  </tec-fault-alarm>
  <wavelength-unlocked-alarm>
    wavelength-unlocked-alarm
  </wavelength-unlocked-alarm>
  <apd-supply-fault-alarm>
    apd-supply-fault-alarm
  </apd-supply-fault-alarm>
  <tx-loss-of-signal-functionality-alarm>
    tx-loss-of-signal-functionality-alarm
  </tx-loss-of-signal-functionality-alarm>
  <tx-cdr-loss-of-lock-alarm>
    tx-cdr-loss-of-lock-alarm
  </tx-cdr-loss-of-lock-alarm>
  <rx-loss-of-signal-alarm>
    rx-loss-of-signal-alarm
  </rx-loss-of-signal-alarm>
  <rx-cdr-loss-of-lock-alarm>
    rx-cdr-loss-of-lock-alarm
  </rx-cdr-loss-of-lock-alarm>
  </optics-diagnostics-lane-values>
</optics-diagnostics>
</link-entry>
</links>
</physical-interface>

```

Description

<optics-diagnostics-lane-values>

Usage

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <optics-diagnostics>
          <optics-diagnostics-lane-values>
            <lane-index>
              lane-index
            </lane-index>
            <laser-bias-current>
              laser-bias-current
            </laser-bias-current>
            <laser-output-power>
              laser-output-power
            </laser-output-power>
            <laser-output-power-dbm>
              laser-output-power-dbm
            </laser-output-power-dbm>
          </optics-diagnostics-lane-values>
        </optics-diagnostics>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

```
<laser-temperature>
  laser-temperature
</laser-temperature>
<laser-rx-optical-power>
  laser-rx-optical-power
</laser-rx-optical-power>
<laser-rx-optical-power-dbm>
  laser-rx-optical-power-dbm
</laser-rx-optical-power-dbm>
<laser-bias-current-high-alarm>
  laser-bias-current-high-alarm
</laser-bias-current-high-alarm>
<laser-bias-current-low-alarm>
  laser-bias-current-low-alarm
</laser-bias-current-low-alarm>
<laser-bias-current-high-warn>
  laser-bias-current-high-warn
</laser-bias-current-high-warn>
<laser-bias-current-low-warn>
  laser-bias-current-low-warn
</laser-bias-current-low-warn>
<laser-tx-power-high-alarm>
  laser-tx-power-high-alarm
</laser-tx-power-high-alarm>
<laser-tx-power-low-alarm>
  laser-tx-power-low-alarm
</laser-tx-power-low-alarm>
<laser-tx-power-high-warn>
  laser-tx-power-high-warn
</laser-tx-power-high-warn>
<laser-tx-power-low-warn>
  laser-tx-power-low-warn
</laser-tx-power-low-warn>
<laser-temp-high-alarm>
  laser-temp-high-alarm
</laser-temp-high-alarm>
<laser-temp-low-alarm>
  laser-temp-low-alarm
</laser-temp-low-alarm>
<laser-temp-high-warn>
  laser-temp-high-warn
</laser-temp-high-warn>
<laser-temp-low-warn>
  laser-temp-low-warn
</laser-temp-low-warn>
<laser-rx-power-high-alarm>
  laser-rx-power-high-alarm
</laser-rx-power-high-alarm>
<laser-rx-power-low-alarm>
  laser-rx-power-low-alarm
</laser-rx-power-low-alarm>
<laser-rx-power-high-warn>
  laser-rx-power-high-warn
</laser-rx-power-high-warn>
<laser-rx-power-low-warn>
  laser-rx-power-low-warn
```

```

</laser-rx-power-low-warn>
<tec-fault-alarm>
  tec-fault-alarm
</tec-fault-alarm>
<wavelength-unlocked-alarm>
  wavelength-unlocked-alarm
</wavelength-unlocked-alarm>
<apd-supply-fault-alarm>
  apd-supply-fault-alarm
</apd-supply-fault-alarm>
<tx-loss-of-signal-functionality-alarm>
  tx-loss-of-signal-functionality-alarm
</tx-loss-of-signal-functionality-alarm>
<tx-cdr-loss-of-lock-alarm>
  tx-cdr-loss-of-lock-alarm
</tx-cdr-loss-of-lock-alarm>
<rx-loss-of-signal-alarm>
  rx-loss-of-signal-alarm
</rx-loss-of-signal-alarm>
<rx-cdr-loss-of-lock-alarm>
  rx-cdr-loss-of-lock-alarm
</rx-cdr-loss-of-lock-alarm>
</optics-diagnostics-lane-values>
</optics-diagnostics>
</link-entry>
</links>
</physical-interface>
</interface-information>

```

Description

<optics-diagnostics-lane-values>

Usage

```

<interface-filter-information>
<physical-interface>
<links>
<link-entry>
<optics-diagnostics>
<optics-diagnostics-lane-values>
<lane-index>
  lane-index
</lane-index>
<laser-bias-current>
  laser-bias-current
</laser-bias-current>
<laser-output-power>
  laser-output-power
</laser-output-power>
<laser-output-power-dbm>
  laser-output-power-dbm
</laser-output-power-dbm>
<laser-temperature>
  laser-temperature
</laser-temperature>

```

```
<laser-rx-optical-power>
  laser-rx-optical-power
</laser-rx-optical-power>
<laser-rx-optical-power-dbm>
  laser-rx-optical-power-dbm
</laser-rx-optical-power-dbm>
<laser-bias-current-high-alarm>
  laser-bias-current-high-alarm
</laser-bias-current-high-alarm>
<laser-bias-current-low-alarm>
  laser-bias-current-low-alarm
</laser-bias-current-low-alarm>
<laser-bias-current-high-warn>
  laser-bias-current-high-warn
</laser-bias-current-high-warn>
<laser-bias-current-low-warn>
  laser-bias-current-low-warn
</laser-bias-current-low-warn>
<laser-tx-power-high-alarm>
  laser-tx-power-high-alarm
</laser-tx-power-high-alarm>
<laser-tx-power-low-alarm>
  laser-tx-power-low-alarm
</laser-tx-power-low-alarm>
<laser-tx-power-high-warn>
  laser-tx-power-high-warn
</laser-tx-power-high-warn>
<laser-tx-power-low-warn>
  laser-tx-power-low-warn
</laser-tx-power-low-warn>
<laser-temp-high-alarm>
  laser-temp-high-alarm
</laser-temp-high-alarm>
<laser-temp-low-alarm>
  laser-temp-low-alarm
</laser-temp-low-alarm>
<laser-temp-high-warn>
  laser-temp-high-warn
</laser-temp-high-warn>
<laser-temp-low-warn>
  laser-temp-low-warn
</laser-temp-low-warn>
<laser-rx-power-high-alarm>
  laser-rx-power-high-alarm
</laser-rx-power-high-alarm>
<laser-rx-power-low-alarm>
  laser-rx-power-low-alarm
</laser-rx-power-low-alarm>
<laser-rx-power-high-warn>
  laser-rx-power-high-warn
</laser-rx-power-high-warn>
<laser-rx-power-low-warn>
  laser-rx-power-low-warn
</laser-rx-power-low-warn>
<tec-fault-alarm>
  tec-fault-alarm
```

```

</tec-fault-alarm>
<wavelength-unlocked-alarm>
  wavelength-unlocked-alarm
</wavelength-unlocked-alarm>
<apd-supply-fault-alarm>
  apd-supply-fault-alarm
</apd-supply-fault-alarm>
<tx-loss-of-signal-functionality-alarm>
  tx-loss-of-signal-functionality-alarm
</tx-loss-of-signal-functionality-alarm>
<tx-cdr-loss-of-lock-alarm>
  tx-cdr-loss-of-lock-alarm
</tx-cdr-loss-of-lock-alarm>
<rx-loss-of-signal-alarm>
  rx-loss-of-signal-alarm
</rx-loss-of-signal-alarm>
<rx-cdr-loss-of-lock-alarm>
  rx-cdr-loss-of-lock-alarm
</rx-cdr-loss-of-lock-alarm>
</optics-diagnostics-lane-values>
</optics-diagnostics>
</link-entry>
</links>
</physical-interface>
</interface-filter-information>

```

Description

<optics-diagnostics-lane-values>

Usage

```

<interface-policer-information>
<physical-interface>
  <links>
    <link-entry>
      <optics-diagnostics>
        <optics-diagnostics-lane-values>
          <lane-index>
            lane-index
          </lane-index>
          <laser-bias-current>
            laser-bias-current
          </laser-bias-current>
          <laser-output-power>
            laser-output-power
          </laser-output-power>
          <laser-output-power-dbm>
            laser-output-power-dbm
          </laser-output-power-dbm>
          <laser-temperature>
            laser-temperature
          </laser-temperature>
          <laser-rx-optical-power>
            laser-rx-optical-power
          </laser-rx-optical-power>

```

```
<laser-rx-optical-power-dbm>
  laser-rx-optical-power-dbm
</laser-rx-optical-power-dbm>
<laser-bias-current-high-alarm>
  laser-bias-current-high-alarm
</laser-bias-current-high-alarm>
<laser-bias-current-low-alarm>
  laser-bias-current-low-alarm
</laser-bias-current-low-alarm>
<laser-bias-current-high-warn>
  laser-bias-current-high-warn
</laser-bias-current-high-warn>
<laser-bias-current-low-warn>
  laser-bias-current-low-warn
</laser-bias-current-low-warn>
<laser-tx-power-high-alarm>
  laser-tx-power-high-alarm
</laser-tx-power-high-alarm>
<laser-tx-power-low-alarm>
  laser-tx-power-low-alarm
</laser-tx-power-low-alarm>
<laser-tx-power-high-warn>
  laser-tx-power-high-warn
</laser-tx-power-high-warn>
<laser-tx-power-low-warn>
  laser-tx-power-low-warn
</laser-tx-power-low-warn>
<laser-temp-high-alarm>
  laser-temp-high-alarm
</laser-temp-high-alarm>
<laser-temp-low-alarm>
  laser-temp-low-alarm
</laser-temp-low-alarm>
<laser-temp-high-warn>
  laser-temp-high-warn
</laser-temp-high-warn>
<laser-temp-low-warn>
  laser-temp-low-warn
</laser-temp-low-warn>
<laser-rx-power-high-alarm>
  laser-rx-power-high-alarm
</laser-rx-power-high-alarm>
<laser-rx-power-low-alarm>
  laser-rx-power-low-alarm
</laser-rx-power-low-alarm>
<laser-rx-power-high-warn>
  laser-rx-power-high-warn
</laser-rx-power-high-warn>
<laser-rx-power-low-warn>
  laser-rx-power-low-warn
</laser-rx-power-low-warn>
<tec-fault-alarm>
  tec-fault-alarm
</tec-fault-alarm>
<wavelength-unlocked-alarm>
  wavelength-unlocked-alarm
```



```

</wavelength-unlocked-alarm>
<apd-supply-fault-alarm>
  apd-supply-fault-alarm
</apd-supply-fault-alarm>
<tx-loss-of-signal-functionality-alarm>
  tx-loss-of-signal-functionality-alarm
</tx-loss-of-signal-functionality-alarm>
<tx-cdr-loss-of-lock-alarm>
  tx-cdr-loss-of-lock-alarm
</tx-cdr-loss-of-lock-alarm>
<rx-loss-of-signal-alarm>
  rx-loss-of-signal-alarm
</rx-loss-of-signal-alarm>
<rx-cdr-loss-of-lock-alarm>
  rx-cdr-loss-of-lock-alarm
</rx-cdr-loss-of-lock-alarm>
</optics-diagnostics-lane-values>
</optics-diagnostics>
</link-entry>
</links>
</physical-interface>
</interface-policer-information>

```

Description**<optics-properties>****Usage**

```

<optics-properties>
  <wavelength>
    wavelength
  </wavelength>
  <frequency>
    frequency
  </frequency>
</optics-properties>

```

Description Optics properties**<optics-properties>****Usage**

```

<physical-interface>
  <optics-properties>
    <wavelength>
      wavelength
    </wavelength>
    <frequency>
      frequency
    </frequency>
  </optics-properties>
</physical-interface>

```

Description Optics properties

<optics-properties>

Usage

```
<interface-information>
  <physical-interface>
    <optics-properties>
      <wavelength>
        wavelength
      </wavelength>
      <frequency>
        frequency
      </frequency>
    </optics-properties>
  </physical-interface>
</interface-information>
```

Description Optics properties

<optics-properties>

Usage

```
<interface-filter-information>
  <physical-interface>
    <optics-properties>
      <wavelength>
        wavelength
      </wavelength>
      <frequency>
        frequency
      </frequency>
    </optics-properties>
  </physical-interface>
</interface-filter-information>
```

Description Optics properties

<optics-properties>

Usage

```
<interface-policer-information>
  <physical-interface>
    <optics-properties>
      <wavelength>
        wavelength
      </wavelength>
      <frequency>
        frequency
      </frequency>
    </optics-properties>
  </physical-interface>
```

```
</interface-policer-information>
```

Description Optics properties

```
<otn-errors>
```

Usage

```
<otn-errors>
  <media-alarm>....</media-alarm>
</otn-errors>
```

Description

```
<otn-errors>
```

Usage

```
<physical-interface>
  <otn-errors>
    <media-alarm>....</media-alarm>
  </otn-errors>
</physical-interface>
```

Description

```
<otn-errors>
```

Usage

```
<interface-information>
  <physical-interface>
    <otn-errors>
      <media-alarm>....</media-alarm>
    </otn-errors>
  </physical-interface>
</interface-information>
```

Description

```
<otn-errors>
```

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-errors>
      <media-alarm>....</media-alarm>
    </otn-errors>
  </physical-interface>
</interface-filter-information>
```

Description

<otn-errors>

Usage

```
<interface-policer-information>  
  <physical-interface>  
    <otn-errors>  
      <media-alarm>....</media-alarm>  
    </otn-errors>  
  </physical-interface>  
</interface-policer-information>
```

Description

<otn-fec-alarms>

Usage

```
<otn-fec-alarms>  
  <media-alarm>....</media-alarm>  
</otn-fec-alarms>
```

Description OTN degraded and excessive FEC error rates

<otn-fec-alarms>

Usage

```
<physical-interface>  
  <otn-fec-alarms>  
    <media-alarm>....</media-alarm>  
  </otn-fec-alarms>  
</physical-interface>
```

Description OTN degraded and excessive FEC error rates

<otn-fec-alarms>

Usage

```
<interface-information>  
  <physical-interface>  
    <otn-fec-alarms>  
      <media-alarm>....</media-alarm>  
    </otn-fec-alarms>  
  </physical-interface>  
</interface-information>
```

Description OTN degraded and excessive FEC error rates

<otn-fec-alarms>

Usage

```
<interface-filter-information>
```

```

<physical-interface>
  <otn-fec-alarms>
    <media-alarm>....</media-alarm>
  </otn-fec-alarms>
</physical-interface>
</interface-filter-information>

```

Description OTN degraded and excessive FEC error rates

<otn-fec-alarms>

Usage

```

<interface-policer-information>
  <physical-interface>
    <otn-fec-alarms>
      <media-alarm>....</media-alarm>
    </otn-fec-alarms>
  </physical-interface>
</interface-policer-information>

```

Description OTN degraded and excessive FEC error rates

<otn-fec-mode>

Usage

```

<otn-fec-mode>
  <fec-mode>
    fec-mode
  </fec-mode>
</otn-fec-mode>

```

Description

<otn-fec-mode>

Usage

```

<physical-interface>
  <otn-fec-mode>
    <fec-mode>
      fec-mode
    </fec-mode>
  </otn-fec-mode>
</physical-interface>

```

Description

<otn-fec-mode>

Usage

```

<interface-information>
  <physical-interface>

```

```
<otn-fec-mode>
  <fec-mode>
    fec-mode
  </fec-mode>
</otn-fec-mode>
</physical-interface>
</interface-information>
```

Description

<otn-fec-mode>

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-fec-mode>
      <fec-mode>
        fec-mode
      </fec-mode>
    </otn-fec-mode>
  </physical-interface>
</interface-filter-information>
```

Description

<otn-fec-mode>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-fec-mode>
      <fec-mode>
        fec-mode
      </fec-mode>
    </otn-fec-mode>
  </physical-interface>
</interface-policer-information>
```

Description

<otn-fec-statistics>

Usage

```
<otn-fec-statistics>
  <fec-corrected-errors>
    fec-corrected-errors
  </fec-corrected-errors>
  <fec-valid-time>
    fec-valid-time
  </fec-valid-time>
  <fec-corrected-error-ratio>
    fec-corrected-error-ratio
  </fec-corrected-error-ratio>
```

```
</otn-fec-statistics>
```

Description

```
<otn-fec-statistics>
```

Usage

```
<physical-interface>
  <otn-fec-statistics>
    <fec-corrected-errors>
      fec-corrected-errors
    </fec-corrected-errors>
    <fec-valid-time>
      fec-valid-time
    </fec-valid-time>
    <fec-corrected-error-ratio>
      fec-corrected-error-ratio
    </fec-corrected-error-ratio>
  </otn-fec-statistics>
</physical-interface>
```

Description

```
<otn-fec-statistics>
```

Usage

```
<interface-information>
  <physical-interface>
    <otn-fec-statistics>
      <fec-corrected-errors>
        fec-corrected-errors
      </fec-corrected-errors>
      <fec-valid-time>
        fec-valid-time
      </fec-valid-time>
      <fec-corrected-error-ratio>
        fec-corrected-error-ratio
      </fec-corrected-error-ratio>
    </otn-fec-statistics>
  </physical-interface>
</interface-information>
```

Description

```
<otn-fec-statistics>
```

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-fec-statistics>
      <fec-corrected-errors>
        fec-corrected-errors
      </fec-corrected-errors>
      <fec-valid-time>
```

```
    fec-valid-time
  </fec-valid-time>
  <fec-corrected-error-ratio>
    fec-corrected-error-ratio
  </fec-corrected-error-ratio>
</otn-fec-statistics>
</physical-interface>
</interface-filter-information>
```

Description

<otn-fec-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-fec-statistics>
      <fec-corrected-errors>
        fec-corrected-errors
      </fec-corrected-errors>
      <fec-valid-time>
        fec-valid-time
      </fec-valid-time>
      <fec-corrected-error-ratio>
        fec-corrected-error-ratio
      </fec-corrected-error-ratio>
    </otn-fec-statistics>
  </physical-interface>
</interface-policer-information>
```

Description

<otn-oc-information>

Usage

```
<otn-oc-information>
  <media-alarm>....</media-alarm>
</otn-oc-information>
```

Description

<otn-oc-information>

Usage

```
<physical-interface>
  <otn-oc-information>
    <media-alarm>....</media-alarm>
  </otn-oc-information>
</physical-interface>
```

Description

<otn-oc-information>**Usage**

```

<interface-information>
  <physical-interface>
    <otn-oc-information>
      <media-alarm>....</media-alarm>
    </otn-oc-information>
  </physical-interface>
</interface-information>

```

Description**<otn-oc-information>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <otn-oc-information>
      <media-alarm>....</media-alarm>
    </otn-oc-information>
  </physical-interface>
</interface-filter-information>

```

Description**<otn-oc-information>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <otn-oc-information>
      <media-alarm>....</media-alarm>
    </otn-oc-information>
  </physical-interface>
</interface-policer-information>

```

Description**<otn-odu-information>****Usage**

```

<otn-odu-information>
  <media-alarm>....</media-alarm>
</otn-odu-information>

```

Description**<otn-odu-information>****Usage**

```

<physical-interface>
  <otn-odu-information>

```

```
<media-alarm>....</media-alarm>
</otn-odu-information>
</physical-interface>
```

Description

<otn-odu-information>

Usage

```
<interface-information>
  <physical-interface>
    <otn-odu-information>
      <media-alarm>....</media-alarm>
    </otn-odu-information>
  </physical-interface>
</interface-information>
```

Description

<otn-odu-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-odu-information>
      <media-alarm>....</media-alarm>
    </otn-odu-information>
  </physical-interface>
</interface-filter-information>
```

Description

<otn-odu-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-odu-information>
      <media-alarm>....</media-alarm>
    </otn-odu-information>
  </physical-interface>
</interface-policer-information>
```

Description

<otn-otn-loopback>

Usage

```
<otn-otn-loopback>
  <otn-loopback>
    otn-loopback
  </otn-loopback>
```

</otn-otn-loopback>

Description

<otn-otn-loopback>

Usage

```
<physical-interface>
  <otn-otn-loopback>
    <otn-loopback>
      otn-loopback
    </otn-loopback>
  </otn-otn-loopback>
</physical-interface>
```

Description

<otn-otn-loopback>

Usage

```
<interface-information>
  <physical-interface>
    <otn-otn-loopback>
      <otn-loopback>
        otn-loopback
      </otn-loopback>
    </otn-otn-loopback>
  </physical-interface>
</interface-information>
```

Description

<otn-otn-loopback>

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-otn-loopback>
      <otn-loopback>
        otn-loopback
      </otn-loopback>
    </otn-otn-loopback>
  </physical-interface>
</interface-filter-information>
```

Description

<otn-otn-loopback>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-otn-loopback>
```

```
<otn-loopback>
  otn-loopback
</otn-loopback>
</otn-otn-loopback>
</physical-interface>
</interface-policer-information>
```

Description

<otn-otn-mode>

Usage

```
<otn-otn-mode>
<otn-mode>
  otn-mode
</otn-mode>
</otn-otn-mode>
```

Description

<otn-otn-mode>

Usage

```
<physical-interface>
<otn-otn-mode>
<otn-mode>
  otn-mode
</otn-mode>
</otn-otn-mode>
</physical-interface>
```

Description

<otn-otn-mode>

Usage

```
<interface-information>
<physical-interface>
<otn-otn-mode>
<otn-mode>
  otn-mode
</otn-mode>
</otn-otn-mode>
</physical-interface>
</interface-information>
```

Description

<otn-otn-mode>

Usage

```
<interface-filter-information>
<physical-interface>
```

```
<otn-otn-mode>
  <otn-mode>
    otn-mode
  </otn-mode>
</otn-otn-mode>
</physical-interface>
</interface-filter-information>
```

Description

<otn-otn-mode>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-otn-mode>
      <otn-mode>
        otn-mode
      </otn-mode>
    </otn-otn-mode>
  </physical-interface>
</interface-policer-information>
```

Description

<otn-otn-rate>

Usage

```
<otn-otn-rate>
  <otn-rate>
    otn-rate
  </otn-rate>
</otn-otn-rate>
```

Description

<otn-otn-rate>

Usage

```
<physical-interface>
  <otn-otn-rate>
    <otn-rate>
      otn-rate
    </otn-rate>
  </otn-otn-rate>
</physical-interface>
```

Description

<otn-otn-rate>

Usage

```
<interface-information>
```

```
<physical-interface>
  <otn-otn-rate>
    <otn-rate>
      otn-rate
    </otn-rate>
  </otn-otn-rate>
</physical-interface>
</interface-information>
```

Description

<otn-otn-rate>

Usage

```
<interface-filter-information>
  <physical-interface>
    <otn-otn-rate>
      <otn-rate>
        otn-rate
      </otn-rate>
    </otn-otn-rate>
  </physical-interface>
</interface-filter-information>
```

Description

<otn-otn-rate>

Usage

```
<interface-policer-information>
  <physical-interface>
    <otn-otn-rate>
      <otn-rate>
        otn-rate
      </otn-rate>
    </otn-otn-rate>
  </physical-interface>
</interface-policer-information>
```

Description

<otn-otu-information>

Usage

```
<otn-otu-information>
  <media-alarm>....</media-alarm>
</otn-otu-information>
```

Description

<otn-otu-information>**Usage**

```
<physical-interface>
  <otn-otu-information>
    <media-alarm>....</media-alarm>
  </otn-otu-information>
</physical-interface>
```

Description**<otn-otu-information>****Usage**

```
<interface-information>
  <physical-interface>
    <otn-otu-information>
      <media-alarm>....</media-alarm>
    </otn-otu-information>
  </physical-interface>
</interface-information>
```

Description**<otn-otu-information>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <otn-otu-information>
      <media-alarm>....</media-alarm>
    </otn-otu-information>
  </physical-interface>
</interface-filter-information>
```

Description**<otn-otu-information>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <otn-otu-information>
      <media-alarm>....</media-alarm>
    </otn-otu-information>
  </physical-interface>
</interface-policer-information>
```

Description

<output-error-list>

Usage

```
<output-error-list>
  <carrier-transitions>
    carrier-transitions
  </carrier-transitions>
  <output-errors>
    output-errors
  </output-errors>
  <output-drops>
    output-drops
  </output-drops>
  <output-collisions>
    output-collisions
  </output-collisions>
  <output-hs-link-fifo-overflows>
    output-hs-link-fifo-overflows
  </output-hs-link-fifo-overflows>
  <aged-packets>
    aged-packets
  </aged-packets>
  <output-fifo-errors>
    output-fifo-errors
  </output-fifo-errors>
  <hs-link-fifo-underflows>
    hs-link-fifo-underflows
  </hs-link-fifo-underflows>
  <hs-link-crc-errors>
    hs-link-crc-errors
  </hs-link-crc-errors>
  <mtu-errors>
    mtu-errors
  </mtu-errors>
  <output-resource-errors>
    output-resource-errors
  </output-resource-errors>
</output-error-list>
```

Description Output errors on this interface

<output-error-list>

Usage

```
<physical-interface>
  <output-error-list>
    <carrier-transitions>
      carrier-transitions
    </carrier-transitions>
    <output-errors>
      output-errors
    </output-errors>
    <output-drops>
      output-drops
```



```

</output-drops>
<output-collisions>
  output-collisions
</output-collisions>
<output-hs-link-fifo-overflows>
  output-hs-link-fifo-overflows
</output-hs-link-fifo-overflows>
<aged-packets>
  aged-packets
</aged-packets>
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<hs-link-fifo-underflows>
  hs-link-fifo-underflows
</hs-link-fifo-underflows>
<hs-link-crc-errors>
  hs-link-crc-errors
</hs-link-crc-errors>
<mtu-errors>
  mtu-errors
</mtu-errors>
<output-resource-errors>
  output-resource-errors
</output-resource-errors>
</output-error-list>
</physical-interface>

```

Description Output errors on this interface

<output-error-list>

Usage

```

<interface-information>
<physical-interface>
  <output-error-list>
    <carrier-transitions>
      carrier-transitions
    </carrier-transitions>
    <output-errors>
      output-errors
    </output-errors>
    <output-drops>
      output-drops
    </output-drops>
    <output-collisions>
      output-collisions
    </output-collisions>
    <output-hs-link-fifo-overflows>
      output-hs-link-fifo-overflows
    </output-hs-link-fifo-overflows>
    <aged-packets>
      aged-packets
    </aged-packets>
  </output-error-list>
</physical-interface>

```

```
<output-fifo-errors>
  output-fifo-errors
</output-fifo-errors>
<hs-link-fifo-underflows>
  hs-link-fifo-underflows
</hs-link-fifo-underflows>
<hs-link-crc-errors>
  hs-link-crc-errors
</hs-link-crc-errors>
<mtu-errors>
  mtu-errors
</mtu-errors>
<output-resource-errors>
  output-resource-errors
</output-resource-errors>
</output-error-list>
</physical-interface>
</interface-information>
```

Description Output errors on this interface

<output-error-list>

Usage

```
<interface-filter-information>
<physical-interface>
  <output-error-list>
    <carrier-transitions>
      carrier-transitions
    </carrier-transitions>
    <output-errors>
      output-errors
    </output-errors>
    <output-drops>
      output-drops
    </output-drops>
    <output-collisions>
      output-collisions
    </output-collisions>
    <output-hs-link-fifo-overflows>
      output-hs-link-fifo-overflows
    </output-hs-link-fifo-overflows>
    <aged-packets>
      aged-packets
    </aged-packets>
    <output-fifo-errors>
      output-fifo-errors
    </output-fifo-errors>
    <hs-link-fifo-underflows>
      hs-link-fifo-underflows
    </hs-link-fifo-underflows>
    <hs-link-crc-errors>
      hs-link-crc-errors
    </hs-link-crc-errors>
```

```

    <mtu-errors>
      mtu-errors
    </mtu-errors>
    <output-resource-errors>
      output-resource-errors
    </output-resource-errors>
  </output-error-list>
</physical-interface>
</interface-filter-information>

```

Description Output errors on this interface

<output-error-list>

Usage

```

<interface-policer-information>
  <physical-interface>
    <output-error-list>
      <carrier-transitions>
        carrier-transitions
      </carrier-transitions>
      <output-errors>
        output-errors
      </output-errors>
      <output-drops>
        output-drops
      </output-drops>
      <output-collisions>
        output-collisions
      </output-collisions>
      <output-hs-link-fifo-overflows>
        output-hs-link-fifo-overflows
      </output-hs-link-fifo-overflows>
      <aged-packets>
        aged-packets
      </aged-packets>
      <output-fifo-errors>
        output-fifo-errors
      </output-fifo-errors>
      <hs-link-fifo-underflows>
        hs-link-fifo-underflows
      </hs-link-fifo-underflows>
      <hs-link-crc-errors>
        hs-link-crc-errors
      </hs-link-crc-errors>
      <mtu-errors>
        mtu-errors
      </mtu-errors>
      <output-resource-errors>
        output-resource-errors
      </output-resource-errors>
    </output-error-list>
  </physical-interface>

```

```
</interface-policer-information>
```

Description Output errors on this interface

<peer-configuration-status>

Usage

```
<peer-configuration-status>  
  <peer-nonmatching-dlci>  
    peer-nonmatching-dlci  
  </peer-nonmatching-dlci>  
</peer-configuration-status>
```

Description Nonmatching DCE end DLCIs

<peer-configuration-status>

Usage

```
<physical-interface>  
  <peer-configuration-status>  
    <peer-nonmatching-dlci>  
      peer-nonmatching-dlci  
    </peer-nonmatching-dlci>  
  </peer-configuration-status>  
</physical-interface>
```

Description Nonmatching DCE end DLCIs

<peer-configuration-status>

Usage

```
<interface-information>  
  <physical-interface>  
    <peer-configuration-status>  
      <peer-nonmatching-dlci>  
        peer-nonmatching-dlci  
      </peer-nonmatching-dlci>  
    </peer-configuration-status>  
  </physical-interface>  
</interface-information>
```

Description Nonmatching DCE end DLCIs

<peer-configuration-status>

Usage

```
<interface-filter-information>  
  <physical-interface>  
    <peer-configuration-status>  
      <peer-nonmatching-dlci>
```

```

        peer-nonmatching-dlci
      </peer-nonmatching-dlci>
    </peer-configuration-status>
  </physical-interface>
</interface-filter-information>

```

Description Nonmatching DCE end DLCIs

<peer-configuration-status>

Usage

```

<interface-policer-information>
  <physical-interface>
    <peer-configuration-status>
      <peer-nonmatching-dlci>
        peer-nonmatching-dlci
      </peer-nonmatching-dlci>
    </peer-configuration-status>
  </physical-interface>
</interface-policer-information>

```

Description Nonmatching DCE end DLCIs

<pfe-information>

Usage

```

<pfe-information>
  <destination-slot>
    destination-slot
  </destination-slot>
  <destination-mask>
    destination-mask
  </destination-mask>
  <stream-number>
    stream-number
  </stream-number>
  <stream-mask>
    stream-mask
  </stream-mask>
  <plp-byte>
    plp-byte
  </plp-byte>
  <plp-byte-count>
    plp-byte-count
  </plp-byte-count>
  <pop-all-label>
    pop-all-label
  </pop-all-label>
</pfe-information>

```

Description Information about Packet Forwarding Engine configuration

<pfe-information>

Usage

```
<physical-interface>
  <pfe-information>
    <destination-slot>
      destination-slot
    </destination-slot>
    <destination-mask>
      destination-mask
    </destination-mask>
    <stream-number>
      stream-number
    </stream-number>
    <stream-mask>
      stream-mask
    </stream-mask>
    <plp-byte>
      plp-byte
    </plp-byte>
    <plp-byte-count>
      plp-byte-count
    </plp-byte-count>
    <pop-all-label>
      pop-all-label
    </pop-all-label>
  </pfe-information>
</physical-interface>
```

Description Information about Packet Forwarding Engine configuration

<pfe-information>

Usage

```
<interface-information>
  <physical-interface>
    <pfe-information>
      <destination-slot>
        destination-slot
      </destination-slot>
      <destination-mask>
        destination-mask
      </destination-mask>
      <stream-number>
        stream-number
      </stream-number>
      <stream-mask>
        stream-mask
      </stream-mask>
      <plp-byte>
        plp-byte
      </plp-byte>
      <plp-byte-count>
        plp-byte-count
      </plp-byte-count>
    </pfe-information>
  </physical-interface>
</interface-information>
```

```

    </plp-byte-count>
    <pop-all-label>
      pop-all-label
    </pop-all-label>
  </pfe-information>
</physical-interface>
</interface-information>

```

Description Information about Packet Forwarding Engine configuration

<pfe-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <pfe-information>
      <destination-slot>
        destination-slot
      </destination-slot>
      <destination-mask>
        destination-mask
      </destination-mask>
      <stream-number>
        stream-number
      </stream-number>
      <stream-mask>
        stream-mask
      </stream-mask>
      <plp-byte>
        plp-byte
      </plp-byte>
      <plp-byte-count>
        plp-byte-count
      </plp-byte-count>
      <pop-all-label>
        pop-all-label
      </pop-all-label>
    </pfe-information>
  </physical-interface>
</interface-filter-information>

```

Description Information about Packet Forwarding Engine configuration

<pfe-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <pfe-information>
      <destination-slot>
        destination-slot
      </destination-slot>
      <destination-mask>

```

```
    destination-mask
  </destination-mask>
  <stream-number>
    stream-number
  </stream-number>
  <stream-mask>
    stream-mask
  </stream-mask>
  <plp-byte>
    plp-byte
  </plp-byte>
  <plp-byte-count>
    plp-byte-count
  </plp-byte-count>
  <pop-all-label>
    pop-all-label
  </pop-all-label>
</pfe-information>
</physical-interface>
</interface-policer-information>
```

Description Information about Packet Forwarding Engine configuration

<physical-interface>

Usage

```
<physical-interface>
  <name>
    name
  </name>
  <mc-ae-status>
    mc-ae-status
  </mc-ae-status>
  <admin-status>
    admin-status
  </admin-status>
  <oper-status>
    oper-status
  </oper-status>
  <local-index>
    local-index
  </local-index>
  <snmp-index>
    snmp-index
  </snmp-index>
  <generation>
    generation
  </generation>
  <description>
    description
  </description>
  <if-type>
    if-type
  </if-type>
```



```
<link-level-type>
  link-level-type
</link-level-type>
<mtu>
  mtu
</mtu>
<link-mode>
  link-mode
</link-mode>
<mac-mode>
  mac-mode
</mac-mode>
<speed>
  speed
</speed>
<max-speed>
  max-speed
</max-speed>
<duplex>
  duplex
</duplex>
<clocking>
  clocking
</clocking>
<sonet-mode>
  sonet-mode
</sonet-mode>
<physical-mode>
  physical-mode
</physical-mode>
<l2circuit-mode>
  l2circuit-mode
</l2circuit-mode>
<ifd-cell-bundle-size>
  ifd-cell-bundle-size
</ifd-cell-bundle-size>
<ifd-cell-bundle-timeout>
  ifd-cell-bundle-timeout
</ifd-cell-bundle-timeout>
<loopback>
  loopback
</loopback>
<ih-parent>
  ih-parent
</ih-parent>
<atm-line-build-out>
  atm-line-build-out
</atm-line-build-out>
<atm-encapsulation>
  atm-encapsulation
</atm-encapsulation>
<atm-e3-framing>
  atm-e3-framing
</atm-e3-framing>
<sonet-loopback>
  sonet-loopback
```

```
</sonet-loopback>
<crc>
  crc
</crc>
<payload-scrambler>
  payload-scrambler
</payload-scrambler>
<ingress-rate-limit>
  ingress-rate-limit
</ingress-rate-limit>
<source-filtering>
  source-filtering
</source-filtering>
<if-flow-control>
  if-flow-control
</if-flow-control>
<bpd-error>
  bpd-error
</bpd-error>
<l2pt-error>
  l2pt-error
</l2pt-error>
<if-unidirectional>
  if-unidirectional
</if-unidirectional>
<if-auto-negotiation>
  if-auto-negotiation
</if-auto-negotiation>
<if-remote-fault>
  if-remote-fault
</if-remote-fault>
<if-speed-auto-negotiation>
  if-speed-auto-negotiation
</if-speed-auto-negotiation>
<if-auto-mdix>
  if-auto-mdix
</if-auto-mdix>
<minimum-links-in-aggregate>
  minimum-links-in-aggregate
</minimum-links-in-aggregate>
<minimum-bandwidth-in-aggregate>
  minimum-bandwidth-in-aggregate
</minimum-bandwidth-in-aggregate>
<if-device-flags>.....</if-device-flags>
<if-config-flags>.....</if-config-flags>
<shared-interface-physical-interface>.....</shared-interface-physical-interface>
<link-type>
  link-type
</link-type>
<if-media-flags>.....</if-media-flags>
<optics-properties>.....</optics-properties>
<keepalive-config>.....</keepalive-config>
<lmi-dce-config>.....</lmi-dce-config>
<lmi-dte-config>.....</lmi-dte-config>
<queue-counters>.....</queue-counters>
<keepalive-statistics>.....</keepalive-statistics>
```

```

<ppp-flags>....</ppp-flags>
<lcp-state>
  lcp-state
</lcp-state>
<ncp-information>....</ncp-information>
<chap-state>
  chap-state
</chap-state>
<pap-state>
  pap-state
</pap-state>
<physical-information>
  physical-information
</physical-information>
<es-ifs-stats>....</es-ifs-stats>
<up-hold-time>
  up-hold-time
</up-hold-time>
<down-hold-time>
  down-hold-time
</down-hold-time>
<current-physical-address>
  current-physical-address
</current-physical-address>
<hardware-physical-address>
  hardware-physical-address
</hardware-physical-address>
<alternate-physical-address>
  alternate-physical-address
</alternate-physical-address>
<interface-flapped>
  interface-flapped
</interface-flapped>
<statistics-cleared>
  statistics-cleared
</statistics-cleared>
<preserve-interface>
  preserve-interface
</preserve-interface>
<preserve-interface-statistics>....</preserve-interface-statistics>
<traffic-statistics>....</traffic-statistics>
<multicast-statistics>....</multicast-statistics>
<ingress-traffic-statistics>....</ingress-traffic-statistics>
<multilink-interface-errors>....</multilink-interface-errors>
<mlfr-uni-nni-bundle-options>....</mlfr-uni-nni-bundle-options>
<multilink-bundle-errors>....</multilink-bundle-errors>
<input-error-list>....</input-error-list>
<input-error-count>
  input-error-count
</input-error-count>
<output-error-list>....</output-error-list>
<output-error-count>
  output-error-count
</output-error-count>
<ber-threshold>....</ber-threshold>
<dsl-crc-alarm-threshold>....</dsl-crc-alarm-threshold>

```

```
<active-alarms>....</active-alarms>
<active-defects>....</active-defects>
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Description Information about a single physical interface

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Description Information about a single physical interface

<physical-interface>

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</otn-rx-overhead>
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<otn-otn-mode>....</otn-otn-mode>
<otn-otn-rate>....</otn-otn-rate>
<otn-otn-loopback>....</otn-otn-loopback>
<otn-rx-tti>
  otn-rx-tti
</otn-rx-tti>
<otn-tx-tti>
  otn-tx-tti
```



```

</otn-tx-tti>
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<ethernet-pcs-statistics>....</ethernet-pcs-statistics>
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</link-partner-status>
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<modem-information>....</modem-information>
<serial-information>....</serial-information>
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<nxdsl0-information>....</nxdsl0-information>
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  ds3-mode
</ds3-mode>
<ds3-long-buildout>
  ds3-long-buildout
</ds3-long-buildout>
<e3-framing>
  e3-framing
</e3-framing>
<dsl-framing>
  dsl-framing
</dsl-framing>
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<ds3-bert-information>....</ds3-bert-information>
<e3-bert-information>....</e3-bert-information>
<dsl1-bert-information>....</dsl1-bert-information>
<ds0-bert-information>....</ds0-bert-information>
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<pfe-information>....</pfe-information>
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<active-defects-otn>....</active-defects-otn>
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<peer-configuration-status>....</peer-configuration-status>
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<lsi-traffic-statistics>....</lsi-traffic-statistics>
<stp-traffic-statistics>....</stp-traffic-statistics>

<queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

<chassis-queue-counters>....</chassis-queue-counters>
<ingress-queue-counters>....</ingress-queue-counters>

```

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<otn-otu-information>....</otn-otu-information>
<otn-odu-information>....</otn-odu-information>
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<ima-group-information>....</ima-group-information>
<ima-link-information>....</ima-link-information>
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<satop-information>....</satop-information>
<cesopsn-information>....</cesopsn-information>
<ima-group-properties>....</ima-group-properties>
<ima-link-properties>....</ima-link-properties>
<cos-header>
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</cos-header>
<cos-information>....</cos-information>
<physical-interface-cos-information>....</physical-interface-cos-information>
<mlfr-uni-nni-traffic-statistics>....</mlfr-uni-nni-traffic-statistics>
<interval-information>....</interval-information>
</physical-interface>
</interface-filter-information>
```

Description Information about a single physical interface

<physical-interface>

Usage

```
<interface-policer-information>
<physical-interface>
  <name>
    name
  </name>
  <mc-ae-status>
    mc-ae-status
  </mc-ae-status>
  <admin-status>
    admin-status
  </admin-status>
  <oper-status>
    oper-status
  </oper-status>
  <local-index>
    local-index
  </local-index>
  <snmp-index>
    snmp-index
  </snmp-index>
  <generation>
    generation
  </generation>
  <description>
    description
  </description>
  <if-type>
    if-type
```

```
</if-type>
<link-level-type>
  link-level-type
</link-level-type>
<mtu>
  mtu
</mtu>
<link-mode>
  link-mode
</link-mode>
<mac-mode>
  mac-mode
</mac-mode>
<speed>
  speed
</speed>
<max-speed>
  max-speed
</max-speed>
<duplex>
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</duplex>
<clocking>
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</clocking>
<sonet-mode>
  sonet-mode
</sonet-mode>
<physical-mode>
  physical-mode
</physical-mode>
<l2circuit-mode>
  l2circuit-mode
</l2circuit-mode>
<ifd-cell-bundle-size>
  ifd-cell-bundle-size
</ifd-cell-bundle-size>
<ifd-cell-bundle-timeout>
  ifd-cell-bundle-timeout
</ifd-cell-bundle-timeout>
<loopback>
  loopback
</loopback>
<ih-parent>
  ih-parent
</ih-parent>
<atm-line-build-out>
  atm-line-build-out
</atm-line-build-out>
<atm-encapsulation>
  atm-encapsulation
</atm-encapsulation>
<atm-e3-framing>
  atm-e3-framing
</atm-e3-framing>
<sonet-loopback>
```

```
    sonet-loopback
  </sonet-loopback>
  <crc>
    crc
  </crc>
  <payload-scrambler>
    payload-scrambler
  </payload-scrambler>
  <ingress-rate-limit>
    ingress-rate-limit
  </ingress-rate-limit>
  <source-filtering>
    source-filtering
  </source-filtering>
  <if-flow-control>
    if-flow-control
  </if-flow-control>
  <bpdu-error>
    bpdu-error
  </bpdu-error>
  <l2pt-error>
    l2pt-error
  </l2pt-error>
  <if-unidirectional>
    if-unidirectional
  </if-unidirectional>
  <if-auto-negotiation>
    if-auto-negotiation
  </if-auto-negotiation>
  <if-remote-fault>
    if-remote-fault
  </if-remote-fault>
  <if-speed-auto-negotiation>
    if-speed-auto-negotiation
  </if-speed-auto-negotiation>
  <if-auto-mdix>
    if-auto-mdix
  </if-auto-mdix>
  <minimum-links-in-aggregate>
    minimum-links-in-aggregate
  </minimum-links-in-aggregate>
  <minimum-bandwidth-in-aggregate>
    minimum-bandwidth-in-aggregate
  </minimum-bandwidth-in-aggregate>
  <if-device-flags>....</if-device-flags>
  <if-config-flags>....</if-config-flags>
  <shared-interface-physical-interface>....</shared-interface-physical-interface>

  <link-type>
    link-type
  </link-type>
  <if-media-flags>....</if-media-flags>
  <optics-properties>....</optics-properties>
  <keepalive-config>....</keepalive-config>
  <lmi-dce-config>....</lmi-dce-config>
  <lmi-dte-config>....</lmi-dte-config>
```

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<queue-counters>....</queue-counters>
<keepalive-statistics>....</keepalive-statistics>
<ppp-flags>....</ppp-flags>
<lcp-state>
  lcp-state
</lcp-state>
<ncp-information>....</ncp-information>
<chap-state>
  chap-state
</chap-state>
<pap-state>
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</pap-state>
<physical-information>
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</physical-information>
<es-ifd-stats>....</es-ifd-stats>
<up-hold-time>
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</up-hold-time>
<down-hold-time>
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</down-hold-time>
<current-physical-address>
  current-physical-address
</current-physical-address>
<hardware-physical-address>
  hardware-physical-address
</hardware-physical-address>
<alternate-physical-address>
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</alternate-physical-address>
<interface-flapped>
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</interface-flapped>
<statistics-cleared>
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</statistics-cleared>
<preserve-interface>
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<preserve-interface-statistics>....</preserve-interface-statistics>
<traffic-statistics>....</traffic-statistics>
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<ingress-traffic-statistics>....</ingress-traffic-statistics>
<multilink-interface-errors>....</multilink-interface-errors>
<mlfr-uni-nni-bundle-options>....</mlfr-uni-nni-bundle-options>
<multilink-bundle-errors>....</multilink-bundle-errors>
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</input-error-count>
<output-error-list>....</output-error-list>
<output-error-count>
  output-error-count
</output-error-count>
```

```
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<ds1-crc-alarm-threshold>....</ds1-crc-alarm-threshold>
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<active-defects>....</active-defects>
<media-state-information>....</media-state-information>
<sonet-errors>....</sonet-errors>
<sonet-physical-information>....</sonet-physical-information>
<sonet-section-information>....</sonet-section-information>
<sonet-line-information>....</sonet-line-information>
<sonet-path-information>....</sonet-path-information>
<sonet-payload-pointer-information>....</sonet-payload-pointer-information>
<sonet-payload-pointer-curptr>
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<sonet-payload-pointer-ptrinc-count>
  sonet-payload-pointer-ptrinc-count
</sonet-payload-pointer-ptrinc-count>
<sonet-payload-pointer-ptrdec-count>
  sonet-payload-pointer-ptrdec-count
</sonet-payload-pointer-ptrdec-count>
<sonet-payload-pointer-newptr-ndf-count>
  sonet-payload-pointer-newptr-ndf-count
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<sonet-vt-information>....</sonet-vt-information>
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</sonet-rx-overhead>
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</sonet-tx-overhead>
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</sonet-rx-path-trace>
<sonet-tx-path-trace>
  sonet-tx-path-trace
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</otn-rx-overhead>
<otn-tx-overhead>
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</otn-stats-counter>
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<otn-otn-mode>....</otn-otn-mode>
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<otn-otn-loopback>....</otn-otn-loopback>
<otn-rx-tti>
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</otn-rx-tti>
<otn-tx-tti>
```

```

    otn-tx-tti
  </otn-tx-tti>
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  <ethernet-pcs-statistics>....</ethernet-pcs-statistics>
  <ethernet-mac-statistics>....</ethernet-mac-statistics>
  <fibrenchannel-port-flow-control>....</fibrenchannel-port-flow-control>
  <fibrenchannel-mac-statistics>....</fibrenchannel-mac-statistics>
  <ethernet-filter-statistics>....</ethernet-filter-statistics>
  <ethernet-autonegotiation>....</ethernet-autonegotiation>
  <link-partner-status>
    link-partner-status
  </link-partner-status>
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  <mac-database>....</mac-database>
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  <vdsl-information>....</vdsl-information>
  <shdsl-information>....</shdsl-information>
  <atm-information>....</atm-information>
  <modem-information>....</modem-information>
  <serial-information>....</serial-information>
  <virtual-path-information>....</virtual-path-information>
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  <cdsl1-information>....</cdsl1-information>
  <nxdsl0-information>....</nxdsl0-information>
  <ds3-mode>
    ds3-mode
  </ds3-mode>
  <ds3-long-buildout>
    ds3-long-buildout
  </ds3-long-buildout>
  <e3-framing>
    e3-framing
  </e3-framing>
  <dsl1-framing>
    dsl1-framing
  </dsl1-framing>
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  <ds3-bert-information>....</ds3-bert-information>
  <e3-bert-information>....</e3-bert-information>
  <dsl1-bert-information>....</dsl1-bert-information>
  <ds0-bert-information>....</ds0-bert-information>
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  <pfe-information>....</pfe-information>
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  <active-defects-otn>....</active-defects-otn>
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  <peer-configuration-status>....</peer-configuration-status>
  <lmi-statistics>....</lmi-statistics>
  <lsi-traffic-statistics>....</lsi-traffic-statistics>
  <stp-traffic-statistics>....</stp-traffic-statistics>

  <queue-num-forwarding-class-name-map>....</queue-num-forwarding-class-name-map>

  <chassis-queue-counters>....</chassis-queue-counters>

```

```
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<otn-otu-information>....</otn-otu-information>
<otn-odu-information>....</otn-odu-information>
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<ima-group-information>....</ima-group-information>
<ima-link-information>....</ima-link-information>
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<satop-information>....</satop-information>
<cesopsn-information>....</cesopsn-information>
<ima-group-properties>....</ima-group-properties>
<ima-link-properties>....</ima-link-properties>
<cos-header>
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<cos-information>....</cos-information>
<physical-interface-cos-information>....</physical-interface-cos-information>
<mlfr-uni-nni-traffic-statistics>....</mlfr-uni-nni-traffic-statistics>
<interval-information>....</interval-information>
</physical-interface>
</interface-policer-information>
```

Description Information about a single physical interface

<physical-interface-cos-information>

Usage

```
<physical-interface-cos-information>
  <physical-interface-cos-hw-max-queues>
    physical-interface-cos-hw-max-queues
  </physical-interface-cos-hw-max-queues>
  <physical-interface-cos-use-max-queues>
    physical-interface-cos-use-max-queues
  </physical-interface-cos-use-max-queues>
  <physical-interface-schedulers>
    physical-interface-schedulers
  </physical-interface-schedulers>

  <physical-interface-red-buffer-occupancy>....</physical-interface-red-buffer-occupancy>

</physical-interface-cos-information>
```

Description Physical interface class-of-service parameters

<physical-interface-cos-information>

Usage

```
<physical-interface>
  <physical-interface-cos-information>
    <physical-interface-cos-hw-max-queues>
      physical-interface-cos-hw-max-queues
    </physical-interface-cos-hw-max-queues>
    <physical-interface-cos-use-max-queues>
```



```

        physical-interface-cos-use-max-queues
      </physical-interface-cos-use-max-queues>
    <physical-interface-schedulers>
      physical-interface-schedulers
    </physical-interface-schedulers>

    <physical-interface-red-buffer-occupancy>....</physical-interface-red-buffer-occupancy>

  </physical-interface-cos-information>
</physical-interface>

```

Description Physical interface class-of-service parameters

<physical-interface-cos-information>

Usage

```

<interface-information>
  <physical-interface>
    <physical-interface-cos-information>
      <physical-interface-cos-hw-max-queues>
        physical-interface-cos-hw-max-queues
      </physical-interface-cos-hw-max-queues>
      <physical-interface-cos-use-max-queues>
        physical-interface-cos-use-max-queues
      </physical-interface-cos-use-max-queues>
      <physical-interface-schedulers>
        physical-interface-schedulers
      </physical-interface-schedulers>

      <physical-interface-red-buffer-occupancy>....</physical-interface-red-buffer-occupancy>

    </physical-interface-cos-information>
  </physical-interface>
</interface-information>

```

Description Physical interface class-of-service parameters

<physical-interface-cos-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <physical-interface-cos-information>
      <physical-interface-cos-hw-max-queues>
        physical-interface-cos-hw-max-queues
      </physical-interface-cos-hw-max-queues>
      <physical-interface-cos-use-max-queues>
        physical-interface-cos-use-max-queues
      </physical-interface-cos-use-max-queues>
      <physical-interface-schedulers>
        physical-interface-schedulers
      </physical-interface-schedulers>

```

```
<physical-interface-red-buffer-occupancy>....</physical-interface-red-buffer-occupancy>

    </physical-interface-cos-information>
  </physical-interface>
</interface-filter-information>
```

Description Physical interface class-of-service parameters

<physical-interface-cos-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <physical-interface-cos-information>
      <physical-interface-cos-hw-max-queues>
        physical-interface-cos-hw-max-queues
      </physical-interface-cos-hw-max-queues>
      <physical-interface-cos-use-max-queues>
        physical-interface-cos-use-max-queues
      </physical-interface-cos-use-max-queues>
      <physical-interface-schedulers>
        physical-interface-schedulers
      </physical-interface-schedulers>
    </physical-interface-cos-information>
  </physical-interface>
</interface-policer-information>

<physical-interface-red-buffer-occupancy>....</physical-interface-red-buffer-occupancy>

    </physical-interface-cos-information>
  </physical-interface>
</interface-policer-information>
```

Description Physical interface class-of-service parameters

<physical-interface-red-buffer-occupancy>

Usage

```
<physical-interface-red-buffer-occupancy>
  <instant-usage-weight-exponent>
    instant-usage-weight-exponent
  </instant-usage-weight-exponent>
</physical-interface-red-buffer-occupancy>
```

Description Type of buffer occupancy information used for performing random early drop on the interface

<physical-interface-red-buffer-occupancy>

Usage

```
<physical-interface-cos-information>
  <physical-interface-red-buffer-occupancy>
    <instant-usage-weight-exponent>
      instant-usage-weight-exponent
    </instant-usage-weight-exponent>
  </physical-interface-red-buffer-occupancy>
</physical-interface-cos-information>
```

```

</instant-usage-weight-exponent>
</physical-interface-red-buffer-occupancy>
</physical-interface-cos-information>

```

Description Type of buffer occupancy information used for performing random early drop on the interface

<physical-interface-red-buffer-occupancy>

Usage

```

<physical-interface>
<physical-interface-cos-information>
  <physical-interface-red-buffer-occupancy>
    <instant-usage-weight-exponent>
      instant-usage-weight-exponent
    </instant-usage-weight-exponent>
  </physical-interface-red-buffer-occupancy>
</physical-interface-cos-information>
</physical-interface>

```

Description Type of buffer occupancy information used for performing random early drop on the interface

<physical-interface-red-buffer-occupancy>

Usage

```

<interface-information>
<physical-interface>
  <physical-interface-cos-information>
    <physical-interface-red-buffer-occupancy>
      <instant-usage-weight-exponent>
        instant-usage-weight-exponent
      </instant-usage-weight-exponent>
    </physical-interface-red-buffer-occupancy>
  </physical-interface-cos-information>
</physical-interface>
</interface-information>

```

Description Type of buffer occupancy information used for performing random early drop on the interface

<physical-interface-red-buffer-occupancy>

Usage

```

<interface-filter-information>
<physical-interface>
  <physical-interface-cos-information>
    <physical-interface-red-buffer-occupancy>
      <instant-usage-weight-exponent>
        instant-usage-weight-exponent
      </instant-usage-weight-exponent>

```

```
</physical-interface-red-buffer-occupancy>
</physical-interface-cos-information>
</physical-interface>
</interface-filter-information>
```

Description Type of buffer occupancy information used for performing random early drop on the interface

<physical-interface-red-buffer-occupancy>

Usage

```
<interface-policer-information>
<physical-interface>
<physical-interface-cos-information>
<physical-interface-red-buffer-occupancy>
<instant-usage-weight-exponent>
  instant-usage-weight-exponent
</instant-usage-weight-exponent>
</physical-interface-red-buffer-occupancy>
</physical-interface-cos-information>
</physical-interface>
</interface-policer-information>
```

Description Type of buffer occupancy information used for performing random early drop on the interface

<plcp-defects>

Usage

```
<atm-information>
<plcp-defects>
<media-alarm>....</media-alarm>
</plcp-defects>
</atm-information>
```

Description

<plcp-defects>

Usage

```
<physical-interface>
<atm-information>
<plcp-defects>
<media-alarm>....</media-alarm>
</plcp-defects>
</atm-information>
</physical-interface>
```

Description

<plcp-defects>**Usage**

```

<interface-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>
        <media-alarm>....</media-alarm>
      </plcp-defects>
    </atm-information>
  </physical-interface>
</interface-information>

```

Description**<plcp-defects>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>
        <media-alarm>....</media-alarm>
      </plcp-defects>
    </atm-information>
  </physical-interface>
</interface-filter-information>

```

Description**<plcp-defects>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <atm-information>
      <plcp-defects>
        <media-alarm>....</media-alarm>
      </plcp-defects>
    </atm-information>
  </physical-interface>
</interface-policer-information>

```

Description**<plcp-statistics>****Usage**

```

<atm-information>
  <plcp-statistics>
    <ferr-count>
      ferr-count
    </ferr-count>

```

```

    <ferr-seconds>
      ferr-seconds
    </ferr-seconds>
    <bipe-count>
      bipe-count
    </bipe-count>
    <bipe-seconds>
      bipe-seconds
    </bipe-seconds>
    <febe-count>
      febe-count
    </febe-count>
    <febe-seconds>
      febe-seconds
    </febe-seconds>
  </plcp-statistics>
</atm-information>

```

Description

<plcp-statistics>

Usage

```

<physical-interface>
  <atm-information>
    <plcp-statistics>
      <ferr-count>
        ferr-count
      </ferr-count>
      <ferr-seconds>
        ferr-seconds
      </ferr-seconds>
      <bipe-count>
        bipe-count
      </bipe-count>
      <bipe-seconds>
        bipe-seconds
      </bipe-seconds>
      <febe-count>
        febe-count
      </febe-count>
      <febe-seconds>
        febe-seconds
      </febe-seconds>
    </plcp-statistics>
  </atm-information>
</physical-interface>

```

Description

<plcp-statistics>

Usage

```

<interface-information>

```

```

<physical-interface>
  <atm-information>
    <plcp-statistics>
      <ferr-count>
        ferr-count
      </ferr-count>
      <ferr-seconds>
        ferr-seconds
      </ferr-seconds>
      <bipe-count>
        bipe-count
      </bipe-count>
      <bipe-seconds>
        bipe-seconds
      </bipe-seconds>
      <febe-count>
        febe-count
      </febe-count>
      <febe-seconds>
        febe-seconds
      </febe-seconds>
    </plcp-statistics>
  </atm-information>
</physical-interface>
</interface-information>

```

Description

<plcp-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <atm-information>
      <plcp-statistics>
        <ferr-count>
          ferr-count
        </ferr-count>
        <ferr-seconds>
          ferr-seconds
        </ferr-seconds>
        <bipe-count>
          bipe-count
        </bipe-count>
        <bipe-seconds>
          bipe-seconds
        </bipe-seconds>
        <febe-count>
          febe-count
        </febe-count>
        <febe-seconds>
          febe-seconds
        </febe-seconds>
      </plcp-statistics>
    </atm-information>
  </physical-interface>
</interface-filter-information>

```

```
</physical-interface>
</interface-filter-information>
```

Description

<plcp-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <atm-information>
      <plcp-statistics>
        <ferr-count>
          ferr-count
        </ferr-count>
        <ferr-seconds>
          ferr-seconds
        </ferr-seconds>
        <bipe-count>
          bipe-count
        </bipe-count>
        <bipe-seconds>
          bipe-seconds
        </bipe-seconds>
        <febe-count>
          febe-count
        </febe-count>
        <febe-seconds>
          febe-seconds
        </febe-seconds>
      </plcp-statistics>
    </atm-information>
  </physical-interface>
</interface-policer-information>
```

Description

<policer-information>

Usage

```
<policer-information>
  <policer-family>
    policer-family
  </policer-family>
  <policer-input>
    policer-input
  </policer-input>
  <policer-output>
    policer-output
  </policer-output>
</policer-information>
```

Description Interface policer information

<policer-information>**Usage**

```

<address-family>
  <policer-information>
    <policer-family>
      policer-family
    </policer-family>
    <policer-input>
      policer-input
    </policer-input>
    <policer-output>
      policer-output
    </policer-output>
  </policer-information>
</address-family>

```

Description Interface policer information

<policer-information>**Usage**

```

<logical-interface>
  <policer-information>
    <policer-family>
      policer-family
    </policer-family>
    <policer-input>
      policer-input
    </policer-input>
    <policer-output>
      policer-output
    </policer-output>
  </policer-information>
</logical-interface>

```

Description Interface policer information

<policer-information>**Usage**

```

<logical-interface>
  <address-family>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
      <policer-output>
        policer-output
      </policer-output>
    </policer-information>
  </address-family>
</logical-interface>

```

```
</policer-output>
</policer-information>
</address-family>
</logical-interface>
```

Description Interface policer information

<policer-information>

Usage

```
<physical-interface>
<logical-interface>
  <policer-information>
    <policer-family>
      policer-family
    </policer-family>
    <policer-input>
      policer-input
    </policer-input>
    <policer-output>
      policer-output
    </policer-output>
  </policer-information>
</logical-interface>
</physical-interface>
```

Description Interface policer information

<policer-information>

Usage

```
<physical-interface>
<logical-interface>
  <address-family>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
      <policer-output>
        policer-output
      </policer-output>
    </policer-information>
  </address-family>
</logical-interface>
</physical-interface>
```

Description Interface policer information

<policer-information>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <policer-information>
        <policer-family>
          policer-family
        </policer-family>
        <policer-input>
          policer-input
        </policer-input>
        <policer-output>
          policer-output
        </policer-output>
      </policer-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Interface policer information

<policer-information>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <policer-information>
          <policer-family>
            policer-family
          </policer-family>
          <policer-input>
            policer-input
          </policer-input>
          <policer-output>
            policer-output
          </policer-output>
        </policer-information>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Interface policer information

<policer-information>**Usage**

```

<interface-information>

```

```
<logical-interface>
  <policer-information>
    <policer-family>
      policer-family
    </policer-family>
    <policer-input>
      policer-input
    </policer-input>
    <policer-output>
      policer-output
    </policer-output>
  </policer-information>
</logical-interface>
</interface-information>
```

Description Interface policer information

<policer-information>

Usage

```
<interface-information>
  <logical-interface>
    <address-family>
      <policer-information>
        <policer-family>
          policer-family
        </policer-family>
        <policer-input>
          policer-input
        </policer-input>
        <policer-output>
          policer-output
        </policer-output>
      </policer-information>
    </address-family>
  </logical-interface>
</interface-information>
```

Description Interface policer information

<policer-information>

Usage

```
<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
```

```

    <policer-output>
      policer-output
    </policer-output>
  </policer-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Interface policer information

<policer-information>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <policer-information>
        <policer-family>
          policer-family
        </policer-family>
        <policer-input>
          policer-input
        </policer-input>
        <policer-output>
          policer-output
        </policer-output>
      </policer-information>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Interface policer information

<policer-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
      <policer-output>
        policer-output
      </policer-output>
    </policer-information>
  </logical-interface>

```

</interface-filter-information>

Description Interface policer information

<policer-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <address-family>
      <policer-information>
        <policer-family>
          policer-family
        </policer-family>
        <policer-input>
          policer-input
        </policer-input>
        <policer-output>
          policer-output
        </policer-output>
      </policer-information>
    </address-family>
  </logical-interface>
</interface-filter-information>
```

Description Interface policer information

<policer-information>

Usage

```
<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
      <policer-output>
        policer-output
      </policer-output>
    </policer-information>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Interface policer information

<policer-information>**Usage**

```

<interface-policer-information>
  <physical-interface>
  <logical-interface>
    <address-family>
      <policer-information>
        <policer-family>
          policer-family
        </policer-family>
        <policer-input>
          policer-input
        </policer-input>
        <policer-output>
          policer-output
        </policer-output>
      </policer-information>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Interface policer information

<policer-information>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <policer-information>
      <policer-family>
        policer-family
      </policer-family>
      <policer-input>
        policer-input
      </policer-input>
      <policer-output>
        policer-output
      </policer-output>
    </policer-information>
  </logical-interface>
</interface-policer-information>

```

Description Interface policer information

<policer-information>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <address-family>

```

```
<policer-information>
  <policer-family>
    policer-family
  </policer-family>
  <policer-input>
    policer-input
  </policer-input>
  <policer-output>
    policer-output
  </policer-output>
</policer-information>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description Interface policer information

<ppp-flags>

Usage

```
<ppp-flags>
  <iff-ppp-flags-acfc>
    iff-ppp-flags-acfc
  </iff-ppp-flags-acfc>
  <iff-ppp-flags-pfc>
    iff-ppp-flags-pfc
  </iff-ppp-flags-pfc>
</ppp-flags>
```

Description

<ppp-flags>

Usage

```
<logical-interface>
  <ppp-flags>
    <iff-ppp-flags-acfc>
      iff-ppp-flags-acfc
    </iff-ppp-flags-acfc>
    <iff-ppp-flags-pfc>
      iff-ppp-flags-pfc
    </iff-ppp-flags-pfc>
  </ppp-flags>
</logical-interface>
```

Description

<ppp-flags>

Usage

```
<physical-interface>
  <ppp-flags>
    <iff-ppp-flags-acfc>
```



```

    iff-ppp-flags-acfc
  </iff-ppp-flags-acfc>
  <iff-ppp-flags-pfc>
    iff-ppp-flags-pfc
  </iff-ppp-flags-pfc>
</ppp-flags>
</physical-interface>

```

Description

<ppp-flags>

Usage

```

<physical-interface>
  <logical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </logical-interface>
</physical-interface>

```

Description

<ppp-flags>

Usage

```

<interface-information>
  <physical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </physical-interface>
</interface-information>

```

Description

<ppp-flags>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <ppp-flags>
        <iff-ppp-flags-acfc>

```

```
    iff-ppp-flags-acfc
  </iff-ppp-flags-acfc>
  <iff-ppp-flags-pfc>
    iff-ppp-flags-pfc
  </iff-ppp-flags-pfc>
</ppp-flags>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<ppp-flags>

Usage

```
<interface-information>
<logical-interface>
  <ppp-flags>
    <iff-ppp-flags-acfc>
      iff-ppp-flags-acfc
    </iff-ppp-flags-acfc>
    <iff-ppp-flags-pfc>
      iff-ppp-flags-pfc
    </iff-ppp-flags-pfc>
  </ppp-flags>
</logical-interface>
</interface-information>
```

Description

<ppp-flags>

Usage

```
<interface-filter-information>
<physical-interface>
  <ppp-flags>
    <iff-ppp-flags-acfc>
      iff-ppp-flags-acfc
    </iff-ppp-flags-acfc>
    <iff-ppp-flags-pfc>
      iff-ppp-flags-pfc
    </iff-ppp-flags-pfc>
  </ppp-flags>
</physical-interface>
</interface-filter-information>
```

Description

<ppp-flags>

Usage

```
<interface-filter-information>
<physical-interface>
  <logical-interface>
```

```

<ppp-flags>
  <iff-ppp-flags-acfc>
    iff-ppp-flags-acfc
  </iff-ppp-flags-acfc>
  <iff-ppp-flags-pfc>
    iff-ppp-flags-pfc
  </iff-ppp-flags-pfc>
</ppp-flags>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<ppp-flags>

Usage

```

<interface-filter-information>
  <logical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </logical-interface>
</interface-filter-information>

```

Description

<ppp-flags>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </physical-interface>
</interface-policer-information>

```

Description

<ppp-flags>

Usage

```

<interface-policer-information>

```

```
<physical-interface>
  <logical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<ppp-flags>

Usage

```
<interface-policer-information>
  <logical-interface>
    <ppp-flags>
      <iff-ppp-flags-acfc>
        iff-ppp-flags-acfc
      </iff-ppp-flags-acfc>
      <iff-ppp-flags-pfc>
        iff-ppp-flags-pfc
      </iff-ppp-flags-pfc>
    </ppp-flags>
  </logical-interface>
</interface-policer-information>
```

Description

<ppp-parameters>

Usage

```
<ppp-parameters>
  <lcp-restart-timer>
    lcp-restart-timer
  </lcp-restart-timer>
  <ncp-restart-timer>
    ncp-restart-timer
  </ncp-restart-timer>
  <termination-requests>
    termination-requests
  </termination-requests>
  <loopback-clear-timer>
    loopback-clear-timer
  </loopback-clear-timer>
</ppp-parameters>
```

Description PPP parameters

<ppp-parameters>**Usage**

```

<logical-interface>
  <ppp-parameters>
    <lcp-restart-timer>
      lcp-restart-timer
    </lcp-restart-timer>
    <ncp-restart-timer>
      ncp-restart-timer
    </ncp-restart-timer>
    <termination-requests>
      termination-requests
    </termination-requests>
    <loopback-clear-timer>
      loopback-clear-timer
    </loopback-clear-timer>
  </ppp-parameters>
</logical-interface>

```

Description PPP parameters

<ppp-parameters>**Usage**

```

<physical-interface>
  <logical-interface>
    <ppp-parameters>
      <lcp-restart-timer>
        lcp-restart-timer
      </lcp-restart-timer>
      <ncp-restart-timer>
        ncp-restart-timer
      </ncp-restart-timer>
      <termination-requests>
        termination-requests
      </termination-requests>
      <loopback-clear-timer>
        loopback-clear-timer
      </loopback-clear-timer>
    </ppp-parameters>
  </logical-interface>
</physical-interface>

```

Description PPP parameters

<ppp-parameters>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>

```

```
<ppp-parameters>
  <lcp-restart-timer>
    lcp-restart-timer
  </lcp-restart-timer>
  <ncp-restart-timer>
    ncp-restart-timer
  </ncp-restart-timer>
  <termination-requests>
    termination-requests
  </termination-requests>
  <loopback-clear-timer>
    loopback-clear-timer
  </loopback-clear-timer>
</ppp-parameters>
</logical-interface>
</physical-interface>
</interface-information>
```

Description PPP parameters

<ppp-parameters>

Usage

```
<interface-information>
  <logical-interface>
    <ppp-parameters>
      <lcp-restart-timer>
        lcp-restart-timer
      </lcp-restart-timer>
      <ncp-restart-timer>
        ncp-restart-timer
      </ncp-restart-timer>
      <termination-requests>
        termination-requests
      </termination-requests>
      <loopback-clear-timer>
        loopback-clear-timer
      </loopback-clear-timer>
    </ppp-parameters>
  </logical-interface>
</interface-information>
```

Description PPP parameters

<ppp-parameters>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <ppp-parameters>
        <lcp-restart-timer>
          lcp-restart-timer
        </lcp-restart-timer>
      </ppp-parameters>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

```

</lcp-restart-timer>
<ncp-restart-timer>
  ncp-restart-timer
</ncp-restart-timer>
<termination-requests>
  termination-requests
</termination-requests>
<loopback-clear-timer>
  loopback-clear-timer
</loopback-clear-timer>
</ppp-parameters>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description PPP parameters

<ppp-parameters>

Usage

```

<interface-filter-information>
<logical-interface>
  <ppp-parameters>
    <lcp-restart-timer>
      lcp-restart-timer
    </lcp-restart-timer>
    <ncp-restart-timer>
      ncp-restart-timer
    </ncp-restart-timer>
    <termination-requests>
      termination-requests
    </termination-requests>
    <loopback-clear-timer>
      loopback-clear-timer
    </loopback-clear-timer>
  </ppp-parameters>
</logical-interface>
</interface-filter-information>

```

Description PPP parameters

<ppp-parameters>

Usage

```

<interface-policer-information>
<physical-interface>
  <logical-interface>
    <ppp-parameters>
      <lcp-restart-timer>
        lcp-restart-timer
      </lcp-restart-timer>
      <ncp-restart-timer>
        ncp-restart-timer

```

```
</ncp-restart-timer>
<termination-requests>
  termination-requests
</termination-requests>
<loopback-clear-timer>
  loopback-clear-timer
</loopback-clear-timer>
</ppp-parameters>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description PPP parameters

<ppp-parameters>

Usage

```
<interface-policer-information>
<logical-interface>
  <ppp-parameters>
    <lcp-restart-timer>
      lcp-restart-timer
    </lcp-restart-timer>
    <ncp-restart-timer>
      ncp-restart-timer
    </ncp-restart-timer>
    <termination-requests>
      termination-requests
    </termination-requests>
    <loopback-clear-timer>
      loopback-clear-timer
    </loopback-clear-timer>
  </ppp-parameters>
</logical-interface>
</interface-policer-information>
```

Description PPP parameters

<pppoe-information>

Usage

```
<logical-interface>
  <pppoe-information>
    <pppoe-interface>....</pppoe-interface>
  </pppoe-information>
</logical-interface>
```

Description PPPoE information

<pppoe-information>**Usage**

```

<physical-interface>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>....</pppoe-interface>
    </pppoe-information>
  </logical-interface>
</physical-interface>

```

Description PPPoE information

<pppoe-information>**Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <pppoe-information>
        <pppoe-interface>....</pppoe-interface>
      </pppoe-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description PPPoE information

<pppoe-information>**Usage**

```

<interface-information>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>....</pppoe-interface>
    </pppoe-information>
  </logical-interface>
</interface-information>

```

Description PPPoE information

<pppoe-information>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <pppoe-information>
        <pppoe-interface>....</pppoe-interface>
      </pppoe-information>
    </logical-interface>

```

```
</physical-interface>
</interface-filter-information>
```

Description PPPoE information

<pppoe-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>....</pppoe-interface>
    </pppoe-information>
  </logical-interface>
</interface-filter-information>
```

Description PPPoE information

<pppoe-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <pppoe-information>
        <pppoe-interface>....</pppoe-interface>
      </pppoe-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description PPPoE information

<pppoe-information>

Usage

```
<interface-policer-information>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>....</pppoe-interface>
    </pppoe-information>
  </logical-interface>
</interface-policer-information>
```

Description PPPoE information

<pppoe-interface>

Usage

```
<pppoe-interface>
```

```
<interface-name>
  interface-name
</interface-name>
<interface-index>
  interface-index
</interface-index>
<underlying-interface-name>
  underlying-interface-name
</underlying-interface-name>
<underlying-interface-index>
  underlying-interface-index
</underlying-interface-index>
<state>
  state
</state>
<ifl-type>
  ifl-type
</ifl-type>
<session-id>
  session-id
</session-id>
<ac-name-config>
  ac-name-config
</ac-name-config>
<ac-name-session>
  ac-name-session
</ac-name-session>
<service-name>
  service-name
</service-name>
<remote-mac>
  remote-mac
</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
```

```
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
```

Description

<pppoe-interface>

Usage

```
<logical-interface>
  <pppoe-information>
    <pppoe-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-index>
        interface-index
      </interface-index>
      <underlying-interface-name>
        underlying-interface-name
      </underlying-interface-name>
      <underlying-interface-index>
        underlying-interface-index
      </underlying-interface-index>
      <state>
        state
      </state>
      <ifl-type>
        ifl-type
      </ifl-type>
      <session-id>
        session-id
      </session-id>
      <ac-name-config>
        ac-name-config
      </ac-name-config>
      <ac-name-session>
        ac-name-session
      </ac-name-session>
      <service-name>
        service-name
      </service-name>
      <remote-mac>
        remote-mac
```

```

</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>

```

Description

<pppoe-interface>

Usage

```

<physical-interface>
<logical-interface>
  <pppoe-information>
    <pppoe-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-index>
        interface-index

```

```
</interface-index>
<underlying-interface-name>
  underlying-interface-name
</underlying-interface-name>
<underlying-interface-index>
  underlying-interface-index
</underlying-interface-index>
<state>
  state
</state>
<ifl-type>
  ifl-type
</ifl-type>
<session-id>
  session-id
</session-id>
<ac-name-config>
  ac-name-config
</ac-name-config>
<ac-name-session>
  ac-name-session
</ac-name-session>
<service-name>
  service-name
</service-name>
<remote-mac>
  remote-mac
</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
```

```

    padm-motm
  </padm-motm>
  <padm-hurl>
    padm-hurl
  </padm-hurl>
  <padg-credits>
    padg-credits
  </padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</physical-interface>

```

Description

<pppoe-interface>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <pppoe-information>
        <pppoe-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-index>
            interface-index
          </interface-index>
          <underlying-interface-name>
            underlying-interface-name
          </underlying-interface-name>
          <underlying-interface-index>
            underlying-interface-index
          </underlying-interface-index>
          <state>
            state
          </state>
          <ifl-type>
            ifl-type
          </ifl-type>
          <session-id>
            session-id
          </session-id>
          <ac-name-config>
            ac-name-config
          </ac-name-config>
          <ac-name-session>
            ac-name-session
          </ac-name-session>
          <service-name>
            service-name
          </service-name>
          <remote-mac>
            remote-mac

```

```
</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<pppoe-interface>

Usage

```
<interface-information>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>
        <interface-name>
          interface-name
        </interface-name>
```



```
<interface-index>
  interface-index
</interface-index>
<underlying-interface-name>
  underlying-interface-name
</underlying-interface-name>
<underlying-interface-index>
  underlying-interface-index
</underlying-interface-index>
<state>
  state
</state>
<ifl-type>
  ifl-type
</ifl-type>
<session-id>
  session-id
</session-id>
<ac-name-config>
  ac-name-config
</ac-name-config>
<ac-name-session>
  ac-name-session
</ac-name-session>
<service-name>
  service-name
</service-name>
<remote-mac>
  remote-mac
</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
```

```
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</interface-information>
```

Description

<pppoe-interface>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <pppoe-information>
    <pppoe-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-index>
        interface-index
      </interface-index>
      <underlying-interface-name>
        underlying-interface-name
      </underlying-interface-name>
      <underlying-interface-index>
        underlying-interface-index
      </underlying-interface-index>
      <state>
        state
      </state>
      <ifl-type>
        ifl-type
      </ifl-type>
      <session-id>
        session-id
      </session-id>
      <ac-name-config>
        ac-name-config
      </ac-name-config>
      <ac-name-session>
        ac-name-session
      </ac-name-session>
      <service-name>
        service-name
      </service-name>
```

```

<remote-mac>
  remote-mac
</remote-mac>
<auto-reconnect>
  auto-reconnect
</auto-reconnect>
<idle-timeout>
  idle-timeout
</idle-timeout>
<session-uptime>
  session-uptime
</session-uptime>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<pppoe-credits>
  pppoe-credits
</pppoe-credits>
<pppoe-credit-scale-factor>
  pppoe-credit-scale-factor
</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<pppoe-interface>

Usage

```

<interface-filter-information>
  <logical-interface>
    <pppoe-information>
      <pppoe-interface>
        <interface-name>

```

```
    interface-name
  </interface-name>
  <interface-index>
    interface-index
  </interface-index>
  <underlying-interface-name>
    underlying-interface-name
  </underlying-interface-name>
  <underlying-interface-index>
    underlying-interface-index
  </underlying-interface-index>
  <state>
    state
  </state>
  <ifl-type>
    ifl-type
  </ifl-type>
  <session-id>
    session-id
  </session-id>
  <ac-name-config>
    ac-name-config
  </ac-name-config>
  <ac-name-session>
    ac-name-session
  </ac-name-session>
  <service-name>
    service-name
  </service-name>
  <remote-mac>
    remote-mac
  </remote-mac>
  <auto-reconnect>
    auto-reconnect
  </auto-reconnect>
  <idle-timeout>
    idle-timeout
  </idle-timeout>
  <session-uptime>
    session-uptime
  </session-uptime>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <pppoe-credits>
    pppoe-credits
  </pppoe-credits>
  <pppoe-credit-scale-factor>
    pppoe-credit-scale-factor
  </pppoe-credit-scale-factor>
  <dynamic-interface-bandwidth>
    dynamic-interface-bandwidth
  </dynamic-interface-bandwidth>
  <agent-circuit-id>
    agent-circuit-id
  </agent-circuit-id>
```

```

<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</interface-filter-information>

```

Description

<pppoe-interface>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
  <pppoe-information>
    <pppoe-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-index>
        interface-index
      </interface-index>
      <underlying-interface-name>
        underlying-interface-name
      </underlying-interface-name>
      <underlying-interface-index>
        underlying-interface-index
      </underlying-interface-index>
      <state>
        state
      </state>
      <ifl-type>
        ifl-type
      </ifl-type>
      <session-id>
        session-id
      </session-id>
      <ac-name-config>
        ac-name-config
      </ac-name-config>
      <ac-name-session>
        ac-name-session
      </ac-name-session>
      <service-name>

```

```
    service-name
  </service-name>
  <remote-mac>
    remote-mac
  </remote-mac>
  <auto-reconnect>
    auto-reconnect
  </auto-reconnect>
  <idle-timeout>
    idle-timeout
  </idle-timeout>
  <session-uptime>
    session-uptime
  </session-uptime>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <pppoe-credits>
    pppoe-credits
  </pppoe-credits>
  <pppoe-credit-scale-factor>
    pppoe-credit-scale-factor
  </pppoe-credit-scale-factor>
  <dynamic-interface-bandwidth>
    dynamic-interface-bandwidth
  </dynamic-interface-bandwidth>
  <agent-circuit-id>
    agent-circuit-id
  </agent-circuit-id>
  <agent-remote-id>
    agent-remote-id
  </agent-remote-id>
  <padm-motm>
    padm-motm
  </padm-motm>
  <padm-hurl>
    padm-hurl
  </padm-hurl>
  <padg-credits>
    padg-credits
  </padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<pppoe-interface>

Usage

```
<interface-policer-information>
  <logical-interface>
    <pppoe-information>
```

```
<pppoe-interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-index>
    interface-index
  </interface-index>
  <underlying-interface-name>
    underlying-interface-name
  </underlying-interface-name>
  <underlying-interface-index>
    underlying-interface-index
  </underlying-interface-index>
  <state>
    state
  </state>
  <ifl-type>
    ifl-type
  </ifl-type>
  <session-id>
    session-id
  </session-id>
  <ac-name-config>
    ac-name-config
  </ac-name-config>
  <ac-name-session>
    ac-name-session
  </ac-name-session>
  <service-name>
    service-name
  </service-name>
  <remote-mac>
    remote-mac
  </remote-mac>
  <auto-reconnect>
    auto-reconnect
  </auto-reconnect>
  <idle-timeout>
    idle-timeout
  </idle-timeout>
  <session-uptime>
    session-uptime
  </session-uptime>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <pppoe-credits>
    pppoe-credits
  </pppoe-credits>
  <pppoe-credit-scale-factor>
    pppoe-credit-scale-factor
  </pppoe-credit-scale-factor>
  <dynamic-interface-bandwidth>
    dynamic-interface-bandwidth
  </dynamic-interface-bandwidth>
  <agent-circuit-id>
```

```
    agent-circuit-id
  </agent-circuit-id>
  <agent-remote-id>
    agent-remote-id
  </agent-remote-id>
  <padm-motm>
    padm-motm
  </padm-motm>
  <padm-hurl>
    padm-hurl
  </padm-hurl>
  <padg-credits>
    padg-credits
  </padg-credits>
</pppoe-interface>
</pppoe-information>
</logical-interface>
</interface-policer-information>
```

Description

<pppoe-underlying-interface>

Usage

```
<pppoe-underlying-interface>
  <underlying-interface-name>
    underlying-interface-name
  </underlying-interface-name>
  <underlying-interface-index>
    underlying-interface-index
  </underlying-interface-index>
  <state>
    state
  </state>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <max-sessions>
    max-sessions
  </max-sessions>
  <active-sessions>
    active-sessions
  </active-sessions>
  <ac-name>
    ac-name
  </ac-name>
  <service-name-table>
    service-name-table
  </service-name-table>
  <duplicate-protection>
    duplicate-protection
  </duplicate-protection>
</pppoe-underlying-interface>
```


Description**<preserve-interface-statistics>****Usage**

```

<physical-interface>
  <preserve-interface-statistics>
    <if-switchover-total>
      if-switchover-total
    </if-switchover-total>
    <if-switchover-last-attempt>
      if-switchover-last-attempt
    </if-switchover-last-attempt>
    <if-switchover-last-time>
      if-switchover-last-time
    </if-switchover-last-time>
    <if-switchover-min-max-avg-time>
      if-switchover-min-max-avg-time
    </if-switchover-min-max-avg-time>
  </preserve-interface-statistics>
</physical-interface>

```

Description Interface switchover statistics**<preserve-interface-statistics>****Usage**

```

<interface-information>
  <physical-interface>
    <preserve-interface-statistics>
      <if-switchover-total>
        if-switchover-total
      </if-switchover-total>
      <if-switchover-last-attempt>
        if-switchover-last-attempt
      </if-switchover-last-attempt>
      <if-switchover-last-time>
        if-switchover-last-time
      </if-switchover-last-time>
      <if-switchover-min-max-avg-time>
        if-switchover-min-max-avg-time
      </if-switchover-min-max-avg-time>
    </preserve-interface-statistics>
  </physical-interface>
</interface-information>

```

Description Interface switchover statistics**<preserve-interface-statistics>****Usage**

```

<interface-filter-information>
  <physical-interface>

```

```
<preserve-interface-statistics>
  <if-switchover-total>
    if-switchover-total
  </if-switchover-total>
  <if-switchover-last-attempt>
    if-switchover-last-attempt
  </if-switchover-last-attempt>
  <if-switchover-last-time>
    if-switchover-last-time
  </if-switchover-last-time>
  <if-switchover-min-max-avg-time>
    if-switchover-min-max-avg-time
  </if-switchover-min-max-avg-time>
</preserve-interface-statistics>
</physical-interface>
</interface-filter-information>
```

Description Interface switchover statistics

<preserve-interface-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <preserve-interface-statistics>
      <if-switchover-total>
        if-switchover-total
      </if-switchover-total>
      <if-switchover-last-attempt>
        if-switchover-last-attempt
      </if-switchover-last-attempt>
      <if-switchover-last-time>
        if-switchover-last-time
      </if-switchover-last-time>
      <if-switchover-min-max-avg-time>
        if-switchover-min-max-avg-time
      </if-switchover-min-max-avg-time>
    </preserve-interface-statistics>
  </physical-interface>
</interface-policer-information>
```

Description Interface switchover statistics

<queue>

Usage

```
<queue-counters>
  <queue>
    <queue-number>
      queue-number
    </queue-number>
    <forwarding-class-name>
      forwarding-class-name
```

```
</forwarding-class-name>
<queue-counters-queued-packets>
  queue-counters-queued-packets
</queue-counters-queued-packets>
<queue-counters-queued-packets-na>
  queue-counters-queued-packets-na
</queue-counters-queued-packets-na>
<queue-counters-queued-bytes-na>
  queue-counters-queued-bytes-na
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Description Counters for a single queue

<queue>

Usage

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Description Counters for a single queue

<queue>

Usage

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</queue>
</ingress-queue-counters>
```

Description Counters for a single queue

<queue>

Usage

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      queue-number
    </queue-number>
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      queue-counters-queued-packets-na
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</queue-counters>
</logical-interface>

```

Description Counters for a single queue

<queue>

Usage

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        queue-number
      </queue-number>
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        forwarding-class-name
      </forwarding-class-name>
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```

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    </queue>
  </ingress-queue-counters>
</logical-interface>

```

Description Counters for a single queue

<queue>

Usage

```

<physical-interface>
  <queue-counters>
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      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
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Description Counters for a single queue

<queue>

Usage

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Description Counters for a single queue

<queue>

Usage

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  </ingress-queue-counters>
</logical-interface>
</physical-interface>

```

Description Counters for a single queue

<queue>

Usage

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</physical-interface>

```

Description Counters for a single queue

<queue>

Usage

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</ingress-queue-counters>
</physical-interface>
```

Description Counters for a single queue

<queue>

Usage

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Description Counters for a single queue

<queue>

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Description Counters for a single queue

<queue>

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Description Counters for a single queue

<queue>

Usage

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Description Counters for a single queue

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Usage

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</interface-information>

```

Description Counters for a single queue

<queue>

Usage

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</interface-information>
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Description Counters for a single queue

<queue>

Usage

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        forwarding-class-name
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        queue-counters-total-drop-bytes-rate
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    </queue>
  </ingress-queue-counters>
</physical-interface>
</interface-information>
```

Description Counters for a single queue

<queue>

Usage

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          queue-number
        </queue-number>
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Description Counters for a single queue

<queue>

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Description Counters for a single queue

<queue>

Usage

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```

```
</queue>
</queue-counters>
</interface-set-queue-information>
</interface-set>
</interface-information>
```

Description Counters for a single queue

<queue>

Usage

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<interface-set>
<interface-set-queue-information>
<ingress-queue-counters>
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      queue-number
    </queue-number>
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      forwarding-class-name
    </forwarding-class-name>
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      queue-counters-queued-packets
    </queue-counters-queued-packets>
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      queue-counters-queued-packets-na
    </queue-counters-queued-packets-na>
    <queue-counters-queued-bytes-na>
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    <queue-counters-queued-bytes>
      queue-counters-queued-bytes
    </queue-counters-queued-bytes>
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      queue-counters-queued-packets-rate
    </queue-counters-queued-packets-rate>
    <queue-counters-queued-bytes-rate>
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    <queue-counters-trans-packets>
      queue-counters-trans-packets
    </queue-counters-trans-packets>
    <queue-counters-trans-bytes>
      queue-counters-trans-bytes
    </queue-counters-trans-bytes>
    <queue-counters-trans-packets-rate>
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    </queue-counters-trans-packets-rate>
    <queue-counters-trans-bytes-rate>
      queue-counters-trans-bytes-rate
    </queue-counters-trans-bytes-rate>
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      queue-counters-tail-drop-packets
```

```

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  </queue-counters-red-bytes-lt>
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```

```
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    </ingress-queue-counters>
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</interface-set>
</interface-information>
```

Description Counters for a single queue

<queue>

Usage

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<physical-interface>
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        queue-number
      </queue-number>
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        forwarding-class-name
      </forwarding-class-name>
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        queue-counters-queued-packets
      </queue-counters-queued-packets>
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        queue-counters-queued-bytes
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      </queue-counters-trans-packets-rate>
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        queue-counters-tail-drop-packets
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  queue-counters-total-drop-bytes-rate
```

```
</queue-counters-total-drop-bytes-rate>
</queue>
</queue-counters>
</physical-interface>
</interface-filter-information>
```

Description Counters for a single queue

<queue>

Usage

```
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<physical-interface>
<logical-interface>
<queue-counters>
  <queue>
    <queue-number>
      queue-number
    </queue-number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
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Description Counters for a single queue

<queue>

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<logical-interface>
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Description Counters for a single queue

<queue>

Usage

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</physical-interface>
</interface-filter-information>
```

Description Counters for a single queue

<queue>

Usage

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        queue-number
      </queue-number>
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        forwarding-class-name
      </forwarding-class-name>
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        queue-counters-queued-packets-na
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```

```
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</queue>
</ingress-queue-counters>
</physical-interface>
</interface-filter-information>
```

Description Counters for a single queue

<queue>

Usage

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<logical-interface>
<queue-counters>
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    queue-number
  </queue-number>
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    forwarding-class-name
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```

```
</queue>
</queue-counters>
</logical-interface>
</interface-filter-information>
```

Description Counters for a single queue

<queue>

Usage

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<interface-filter-information>
<logical-interface>
<ingress-queue-counters>
  <queue>
    <queue-number>
      queue-number
    </queue-number>
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    </forwarding-class-name>
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</interface-filter-information>
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Description Counters for a single queue

<queue>

Usage

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</interface-policer-information>
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Description Counters for a single queue

<queue>

Usage

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</queue-counters>

```

```
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Counters for a single queue

<queue>

Usage

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<physical-interface>
<logical-interface>
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        queue-number
      </queue-number>
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        forwarding-class-name
      </forwarding-class-name>
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        queue-counters-queued-packets
      </queue-counters-queued-packets>
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        queue-counters-queued-packets-na
      </queue-counters-queued-packets-na>
      <queue-counters-queued-bytes-na>
        queue-counters-queued-bytes-na
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      <queue-counters-queued-bytes>
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      </queue-counters-queued-packets-rate>
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</queue>
```

```
</ingress-queue-counters>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Counters for a single queue

<queue>

Usage

```
<interface-policer-information>
<physical-interface>
  <chassis-queue-counters>
    <queue>
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        queue-number
      </queue-number>
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        queue-counters-queued-packets
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</queue>

```

```
</chassis-queue-counters>
</physical-interface>
</interface-policer-information>
```

Description Counters for a single queue

<queue>

Usage

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<interface-policer-information>
<physical-interface>
<ingress-queue-counters>
  <queue>
    <queue-number>
      queue-number
    </queue-number>
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      forwarding-class-name
    </forwarding-class-name>
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Description Counters for a single queue

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Usage

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Description Counters for a single queue

<queue>

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<queue-counters-red-bytes-rate-low>
  queue-counters-red-bytes-rate-low
</queue-counters-red-bytes-rate-low>
<queue-counters-red-packets-medium-low>
  queue-counters-red-packets-medium-low
</queue-counters-red-packets-medium-low>
<queue-counters-red-bytes-medium-low>
  queue-counters-red-bytes-medium-low
</queue-counters-red-bytes-medium-low>
<queue-counters-red-packets-rate-medium-low>
  queue-counters-red-packets-rate-medium-low
```

```

</queue-counters-red-packets-rate-medium-low>
<queue-counters-red-bytes-rate-medium-low>
  queue-counters-red-bytes-rate-medium-low
</queue-counters-red-bytes-rate-medium-low>
<queue-counters-red-packets-medium-high>
  queue-counters-red-packets-medium-high
</queue-counters-red-packets-medium-high>
<queue-counters-red-bytes-medium-high>
  queue-counters-red-bytes-medium-high
</queue-counters-red-bytes-medium-high>
<queue-counters-red-packets-rate-medium-high>
  queue-counters-red-packets-rate-medium-high
</queue-counters-red-packets-rate-medium-high>
<queue-counters-red-bytes-rate-medium-high>
  queue-counters-red-bytes-rate-medium-high
</queue-counters-red-bytes-rate-medium-high>
<queue-counters-red-packets-medium>
  queue-counters-red-packets-medium
</queue-counters-red-packets-medium>
<queue-counters-red-bytes-medium>
  queue-counters-red-bytes-medium
</queue-counters-red-bytes-medium>
<queue-counters-red-packets-rate-medium>
  queue-counters-red-packets-rate-medium
</queue-counters-red-packets-rate-medium>
<queue-counters-red-bytes-rate-medium>
  queue-counters-red-bytes-rate-medium
</queue-counters-red-bytes-rate-medium>
<queue-counters-red-packets-high>
  queue-counters-red-packets-high
</queue-counters-red-packets-high>
<queue-counters-red-bytes-high>
  queue-counters-red-bytes-high
</queue-counters-red-bytes-high>
<queue-counters-red-packets-rate-high>
  queue-counters-red-packets-rate-high
</queue-counters-red-packets-rate-high>
<queue-counters-red-bytes-rate-high>
  queue-counters-red-bytes-rate-high
</queue-counters-red-bytes-rate-high>
<queue-counters-total-drop-packets>
  queue-counters-total-drop-packets
</queue-counters-total-drop-packets>
<queue-counters-total-drop-packets-rate>
  queue-counters-total-drop-packets-rate
</queue-counters-total-drop-packets-rate>
<queue-counters-total-drop-bytes>
  queue-counters-total-drop-bytes
</queue-counters-total-drop-bytes>
<queue-counters-total-drop-bytes-rate>
  queue-counters-total-drop-bytes-rate
</queue-counters-total-drop-bytes-rate>
</queue>
</ingress-queue-counters>
</logical-interface>

```

</interface-policer-information>

Description Counters for a single queue

<queue-counters>

Usage

```
<queue-counters>
  <queue-counters-error-message>
    queue-counters-error-message
  </queue-counters-error-message>
  <queue>....</queue>
  <interface-cos-short-summary>....</interface-cos-short-summary>
  <interface-cos-summary>....</interface-cos-summary>
</queue-counters>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<logical-interface>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</logical-interface>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<physical-interface>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</physical-interface>
```

Description Queue counter statistics

<queue-counters>

Usage

```

<physical-interface>
<logical-interface>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</logical-interface>
</physical-interface>

```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-set>
<interface-set-queue-information>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</interface-set-queue-information>
</interface-set>

```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-information>
<physical-interface>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</physical-interface>
</interface-information>

```

Description Queue counter statistics

<queue-counters>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <queue-counters>
        <queue-counters-error-message>
          queue-counters-error-message
        </queue-counters-error-message>
        <queue>....</queue>
        <interface-cos-short-summary>....</interface-cos-short-summary>
        <interface-cos-summary>....</interface-cos-summary>
      </queue-counters>
    </logical-interface>
  </physical-interface>
</interface-information>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<interface-information>
  <logical-interface>
    <queue-counters>
      <queue-counters-error-message>
        queue-counters-error-message
      </queue-counters-error-message>
      <queue>....</queue>
      <interface-cos-short-summary>....</interface-cos-short-summary>
      <interface-cos-summary>....</interface-cos-summary>
    </queue-counters>
  </logical-interface>
</interface-information>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <queue-counters>
        <queue-counters-error-message>
          queue-counters-error-message
        </queue-counters-error-message>
        <queue>....</queue>
        <interface-cos-short-summary>....</interface-cos-short-summary>
      </queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>
```



```

        <interface-cos-summary>....</interface-cos-summary>
      </queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>

```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-filter-information>
  <physical-interface>
    <queue-counters>
      <queue-counters-error-message>
        queue-counters-error-message
      </queue-counters-error-message>
      <queue>....</queue>
      <interface-cos-short-summary>....</interface-cos-short-summary>
      <interface-cos-summary>....</interface-cos-summary>
    </queue-counters>
  </physical-interface>
</interface-filter-information>

```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <queue-counters>
        <queue-counters-error-message>
          queue-counters-error-message
        </queue-counters-error-message>
        <queue>....</queue>
        <interface-cos-short-summary>....</interface-cos-short-summary>
        <interface-cos-summary>....</interface-cos-summary>
      </queue-counters>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-filter-information>
  <logical-interface>

```

```
<queue-counters>
  <queue-counters-error-message>
    queue-counters-error-message
  </queue-counters-error-message>
  <queue>....</queue>
  <interface-cos-short-summary>....</interface-cos-short-summary>
  <interface-cos-summary>....</interface-cos-summary>
</queue-counters>
</logical-interface>
</interface-filter-information>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<interface-policer-information>
<physical-interface>
  <queue-counters>
    <queue-counters-error-message>
      queue-counters-error-message
    </queue-counters-error-message>
    <queue>....</queue>
    <interface-cos-short-summary>....</interface-cos-short-summary>
    <interface-cos-summary>....</interface-cos-summary>
  </queue-counters>
</physical-interface>
</interface-policer-information>
```

Description Queue counter statistics

<queue-counters>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <queue-counters>
      <queue-counters-error-message>
        queue-counters-error-message
      </queue-counters-error-message>
      <queue>....</queue>
      <interface-cos-short-summary>....</interface-cos-short-summary>
      <interface-cos-summary>....</interface-cos-summary>
    </queue-counters>
  </logical-interface>
</physical-interface>
</interface-policer-information>
```

Description Queue counter statistics

<queue-counters>

Usage

```

<interface-policer-information>
  <logical-interface>
    <queue-counters>
      <queue-counters-error-message>
        queue-counters-error-message
      </queue-counters-error-message>
      <queue>....</queue>
      <interface-cos-short-summary>....</interface-cos-short-summary>
      <interface-cos-summary>....</interface-cos-summary>
    </queue-counters>
  </logical-interface>
</interface-policer-information>

```

Description Queue counter statistics

<queue-num-forwarding-class-name-map>

Usage

```

<ingress-queue-counters>
  <queue-num-forwarding-class-name-map>
    <queue-number>
      queue-number
    </queue-number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
  </queue-num-forwarding-class-name-map>
</ingress-queue-counters>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<logical-interface>
  <ingress-queue-counters>
    <queue-num-forwarding-class-name-map>
      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
    </queue-num-forwarding-class-name-map>
  </ingress-queue-counters>
</logical-interface>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<physical-interface>
<logical-interface>
  <ingress-queue-counters>
    <queue-num-forwarding-class-name-map>
      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
    </queue-num-forwarding-class-name-map>
  </ingress-queue-counters>
</logical-interface>
</physical-interface>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<physical-interface>
  <queue-num-forwarding-class-name-map>
    <queue-number>
      queue-number
    </queue-number>
    <forwarding-class-name>
      forwarding-class-name
    </forwarding-class-name>
  </queue-num-forwarding-class-name-map>
</physical-interface>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<physical-interface>
  <ingress-queue-counters>
    <queue-num-forwarding-class-name-map>
      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
    </queue-num-forwarding-class-name-map>
  </ingress-queue-counters>
</physical-interface>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-set>
  <interface-set-queue-information>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </interface-set-queue-information>
</interface-set>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<queue-num-forwarding-class-name-map>
  <queue-number>
    queue-number
  </queue-number>
  <forwarding-class-name>
    forwarding-class-name
  </forwarding-class-name>
</queue-num-forwarding-class-name-map>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <ingress-queue-counters>
        <queue-num-forwarding-class-name-map>
          <queue-number>
            queue-number
          </queue-number>
          <forwarding-class-name>
            forwarding-class-name
          </forwarding-class-name>
        </queue-num-forwarding-class-name-map>
      </ingress-queue-counters>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description**<queue-num-forwarding-class-name-map>****Usage**

```
<interface-information>
  <physical-interface>
    <queue-num-forwarding-class-name-map>
      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
    </queue-num-forwarding-class-name-map>
  </physical-interface>
</interface-information>
```

Description**<queue-num-forwarding-class-name-map>****Usage**

```
<interface-information>
  <physical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </physical-interface>
</interface-information>
```

Description**<queue-num-forwarding-class-name-map>****Usage**

```
<interface-information>
  <logical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
```

```

    </logical-interface>
  </interface-information>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-information>
  <interface-set>
    <interface-set-queue-information>
      <ingress-queue-counters>
        <queue-num-forwarding-class-name-map>
          <queue-number>
            queue-number
          </queue-number>
          <forwarding-class-name>
            forwarding-class-name
          </forwarding-class-name>
        </queue-num-forwarding-class-name-map>
      </ingress-queue-counters>
    </interface-set-queue-information>
  </interface-set>
</interface-information>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <ingress-queue-counters>
        <queue-num-forwarding-class-name-map>
          <queue-number>
            queue-number
          </queue-number>
          <forwarding-class-name>
            forwarding-class-name
          </forwarding-class-name>
        </queue-num-forwarding-class-name-map>
      </ingress-queue-counters>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-filter-information>
  <physical-interface>

```

```
<queue-num-forwarding-class-name-map>
  <queue-number>
    queue-number
  </queue-number>
  <forwarding-class-name>
    forwarding-class-name
  </forwarding-class-name>
</queue-num-forwarding-class-name-map>
</physical-interface>
</interface-filter-information>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<interface-filter-information>
  <physical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </physical-interface>
</interface-filter-information>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<interface-filter-information>
  <logical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </logical-interface>
</interface-filter-information>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <ingress-queue-counters>
        <queue-num-forwarding-class-name-map>
          <queue-number>
            queue-number
          </queue-number>
          <forwarding-class-name>
            forwarding-class-name
          </forwarding-class-name>
        </queue-num-forwarding-class-name-map>
      </ingress-queue-counters>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-policer-information>
  <physical-interface>
    <queue-num-forwarding-class-name-map>
      <queue-number>
        queue-number
      </queue-number>
      <forwarding-class-name>
        forwarding-class-name
      </forwarding-class-name>
    </queue-num-forwarding-class-name-map>
  </physical-interface>
</interface-policer-information>

```

Description

<queue-num-forwarding-class-name-map>

Usage

```

<interface-policer-information>
  <physical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </physical-interface>
</interface-policer-information>

```

```
</ingress-queue-counters>
</physical-interface>
</interface-policer-information>
```

Description

<queue-num-forwarding-class-name-map>

Usage

```
<interface-policer-information>
  <logical-interface>
    <ingress-queue-counters>
      <queue-num-forwarding-class-name-map>
        <queue-number>
          queue-number
        </queue-number>
        <forwarding-class-name>
          forwarding-class-name
        </forwarding-class-name>
      </queue-num-forwarding-class-name-map>
    </ingress-queue-counters>
  </logical-interface>
</interface-policer-information>
```

Description

<resync-history>

Usage

```
<serial-information>
  <resync-history>
    <resync-counter>
      resync-counter
    </resync-counter>
    <resync-timestamp>
      resync-timestamp
    </resync-timestamp>
  </resync-history>
</serial-information>
```

Description

<resync-history>

Usage

```
<physical-interface>
  <serial-information>
    <resync-history>
      <resync-counter>
        resync-counter
      </resync-counter>
      <resync-timestamp>
        resync-timestamp
      </resync-timestamp>
    </resync-history>
  </serial-information>
</physical-interface>
```

```
</resync-history>
</serial-information>
</physical-interface>
```

Description

<resync-history>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <resync-history>
        <resync-counter>
          resync-counter
        </resync-counter>
        <resync-timestamp>
          resync-timestamp
        </resync-timestamp>
      </resync-history>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<resync-history>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <resync-history>
        <resync-counter>
          resync-counter
        </resync-counter>
        <resync-timestamp>
          resync-timestamp
        </resync-timestamp>
      </resync-history>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<resync-history>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <resync-history>
        <resync-counter>
```

```
    resync-counter
  </resync-counter>
  <resync-timestamp>
    resync-timestamp
  </resync-timestamp>
</resync-history>
</serial-information>
</physical-interface>
</interface-policer-information>
```

Description

<route-rpf-statistics>

Usage

```
<route-rpf-statistics>
  <route-rpf-packets>
    route-rpf-packets
  </route-rpf-packets>
  <route-rpf-bytes>
    route-rpf-bytes
  </route-rpf-bytes>
</route-rpf-statistics>
```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```
<address-family>
  <route-rpf-statistics>
    <route-rpf-packets>
      route-rpf-packets
    </route-rpf-packets>
    <route-rpf-bytes>
      route-rpf-bytes
    </route-rpf-bytes>
  </route-rpf-statistics>
</address-family>
```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```
<logical-interface>
  <address-family>
    <route-rpf-statistics>
      <route-rpf-packets>
        route-rpf-packets
      </route-rpf-packets>
      <route-rpf-bytes>
```

```

        route-rpf-bytes
      </route-rpf-bytes>
    </route-rpf-statistics>
  </address-family>
</logical-interface>

```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```

<physical-interface>
  <logical-interface>
    <address-family>
      <route-rpf-statistics>
        <route-rpf-packets>
          route-rpf-packets
        </route-rpf-packets>
        <route-rpf-bytes>
          route-rpf-bytes
        </route-rpf-bytes>
      </route-rpf-statistics>
    </address-family>
  </logical-interface>
</physical-interface>

```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <route-rpf-statistics>
          <route-rpf-packets>
            route-rpf-packets
          </route-rpf-packets>
          <route-rpf-bytes>
            route-rpf-bytes
          </route-rpf-bytes>
        </route-rpf-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```
<interface-information>
  <logical-interface>
    <address-family>
      <route-rpf-statistics>
        <route-rpf-packets>
          route-rpf-packets
        </route-rpf-packets>
        <route-rpf-bytes>
          route-rpf-bytes
        </route-rpf-bytes>
      </route-rpf-statistics>
    </address-family>
  </logical-interface>
</interface-information>
```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <route-rpf-statistics>
          <route-rpf-packets>
            route-rpf-packets
          </route-rpf-packets>
          <route-rpf-bytes>
            route-rpf-bytes
          </route-rpf-bytes>
        </route-rpf-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <address-family>
      <route-rpf-statistics>
        <route-rpf-packets>
          route-rpf-packets
        </route-rpf-packets>
```

```

    <route-rpf-bytes>
      route-rpf-bytes
    </route-rpf-bytes>
  </route-rpf-statistics>
</address-family>
</logical-interface>
</interface-filter-information>

```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <route-rpf-statistics>
          <route-rpf-packets>
            route-rpf-packets
          </route-rpf-packets>
          <route-rpf-bytes>
            route-rpf-bytes
          </route-rpf-bytes>
        </route-rpf-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Unicast reverse-path forwarding (RPF) statistics

<route-rpf-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <route-rpf-statistics>
        <route-rpf-packets>
          route-rpf-packets
        </route-rpf-packets>
        <route-rpf-bytes>
          route-rpf-bytes
        </route-rpf-bytes>
      </route-rpf-statistics>
    </address-family>
  </logical-interface>
</interface-policer-information>

```

Description Unicast reverse-path forwarding (RPF) statistics

<satop-information>

Usage

```
<satop-information>
  <ce-payload-size>
    ce-payload-size
  </ce-payload-size>
  <ce-idle-pattern>
    ce-idle-pattern
  </ce-idle-pattern>
  <ce-octet-aligned>
    ce-octet-aligned
  </ce-octet-aligned>
  <ce-jitter-buffer-packets>
    ce-jitter-buffer-packets
  </ce-jitter-buffer-packets>
  <ce-jitter-buffer-latency>
    ce-jitter-buffer-latency
  </ce-jitter-buffer-latency>
  <ce-jitter-buffer-auto-adjust>
    ce-jitter-buffer-auto-adjust
  </ce-jitter-buffer-auto-adjust>
  <ce-excessive-packet-loss-rate-sample-period>
    ce-excessive-packet-loss-rate-sample-period
  </ce-excessive-packet-loss-rate-sample-period>
  <ce-excessive-packet-loss-rate-threshold>
    ce-excessive-packet-loss-rate-threshold
  </ce-excessive-packet-loss-rate-threshold>
</satop-information>
```

Description

<satop-information>

Usage

```
<physical-interface>
  <satop-information>
    <ce-payload-size>
      ce-payload-size
    </ce-payload-size>
    <ce-idle-pattern>
      ce-idle-pattern
    </ce-idle-pattern>
    <ce-octet-aligned>
      ce-octet-aligned
    </ce-octet-aligned>
    <ce-jitter-buffer-packets>
      ce-jitter-buffer-packets
    </ce-jitter-buffer-packets>
    <ce-jitter-buffer-latency>
      ce-jitter-buffer-latency
    </ce-jitter-buffer-latency>
    <ce-jitter-buffer-auto-adjust>
      ce-jitter-buffer-auto-adjust
    </ce-jitter-buffer-auto-adjust>
```



```

    <ce-excessive-packet-loss-rate-sample-period>
      ce-excessive-packet-loss-rate-sample-period
    </ce-excessive-packet-loss-rate-sample-period>
    <ce-excessive-packet-loss-rate-threshold>
      ce-excessive-packet-loss-rate-threshold
    </ce-excessive-packet-loss-rate-threshold>
  </satop-information>
</physical-interface>

```

Description

<satop-information>

Usage

```

<interface-information>
  <physical-interface>
    <satop-information>
      <ce-payload-size>
        ce-payload-size
      </ce-payload-size>
      <ce-idle-pattern>
        ce-idle-pattern
      </ce-idle-pattern>
      <ce-octet-aligned>
        ce-octet-aligned
      </ce-octet-aligned>
      <ce-jitter-buffer-packets>
        ce-jitter-buffer-packets
      </ce-jitter-buffer-packets>
      <ce-jitter-buffer-latency>
        ce-jitter-buffer-latency
      </ce-jitter-buffer-latency>
      <ce-jitter-buffer-auto-adjust>
        ce-jitter-buffer-auto-adjust
      </ce-jitter-buffer-auto-adjust>
      <ce-excessive-packet-loss-rate-sample-period>
        ce-excessive-packet-loss-rate-sample-period
      </ce-excessive-packet-loss-rate-sample-period>
      <ce-excessive-packet-loss-rate-threshold>
        ce-excessive-packet-loss-rate-threshold
      </ce-excessive-packet-loss-rate-threshold>
    </satop-information>
  </physical-interface>
</interface-information>

```

Description

<satop-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <satop-information>
      <ce-payload-size>

```

```
    ce-payload-size
  </ce-payload-size>
  <ce-idle-pattern>
    ce-idle-pattern
  </ce-idle-pattern>
  <ce-octet-aligned>
    ce-octet-aligned
  </ce-octet-aligned>
  <ce-jitter-buffer-packets>
    ce-jitter-buffer-packets
  </ce-jitter-buffer-packets>
  <ce-jitter-buffer-latency>
    ce-jitter-buffer-latency
  </ce-jitter-buffer-latency>
  <ce-jitter-buffer-auto-adjust>
    ce-jitter-buffer-auto-adjust
  </ce-jitter-buffer-auto-adjust>
  <ce-excessive-packet-loss-rate-sample-period>
    ce-excessive-packet-loss-rate-sample-period
  </ce-excessive-packet-loss-rate-sample-period>
  <ce-excessive-packet-loss-rate-threshold>
    ce-excessive-packet-loss-rate-threshold
  </ce-excessive-packet-loss-rate-threshold>
</satop-information>
</physical-interface>
</interface-filter-information>
```

Description

<satop-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <satop-information>
      <ce-payload-size>
        ce-payload-size
      </ce-payload-size>
      <ce-idle-pattern>
        ce-idle-pattern
      </ce-idle-pattern>
      <ce-octet-aligned>
        ce-octet-aligned
      </ce-octet-aligned>
      <ce-jitter-buffer-packets>
        ce-jitter-buffer-packets
      </ce-jitter-buffer-packets>
      <ce-jitter-buffer-latency>
        ce-jitter-buffer-latency
      </ce-jitter-buffer-latency>
      <ce-jitter-buffer-auto-adjust>
        ce-jitter-buffer-auto-adjust
      </ce-jitter-buffer-auto-adjust>
      <ce-excessive-packet-loss-rate-sample-period>
        ce-excessive-packet-loss-rate-sample-period
```

```

    </ce-excessive-packet-loss-rate-sample-period>
    <ce-excessive-packet-loss-rate-threshold>
      ce-excessive-packet-loss-rate-threshold
    </ce-excessive-packet-loss-rate-threshold>
  </satop-information>
</physical-interface>
</interface-policer-information>

```

Description

<serial-encoding>

Usage

```

<serial-information>
  <serial-encoding>
    <serial-encoding-conf>
      serial-encoding-conf
    </serial-encoding-conf>
  </serial-encoding>
</serial-information>

```

Description

<serial-encoding>

Usage

```

<physical-interface>
  <serial-information>
    <serial-encoding>
      <serial-encoding-conf>
        serial-encoding-conf
      </serial-encoding-conf>
    </serial-encoding>
  </serial-information>
</physical-interface>

```

Description

<serial-encoding>

Usage

```

<interface-information>
  <physical-interface>
    <serial-information>
      <serial-encoding>
        <serial-encoding-conf>
          serial-encoding-conf
        </serial-encoding-conf>
      </serial-encoding>
    </serial-information>
  </physical-interface>
</interface-information>

```

Description

<serial-encoding>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <serial-encoding>
        <serial-encoding-conf>
          serial-encoding-conf
        </serial-encoding-conf>
      </serial-encoding>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<serial-encoding>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <serial-encoding>
        <serial-encoding-conf>
          serial-encoding-conf
        </serial-encoding-conf>
      </serial-encoding>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<serial-information>

Usage

```
<serial-information>
  <line-protocol>.....</line-protocol>
  <resync-history>.....</resync-history>
  <clocking-mode>.....</clocking-mode>
  <clocking-rate>.....</clocking-rate>
  <serial-encoding>.....</serial-encoding>
  <dtr-circuit>.....</dtr-circuit>
  <eia530-signal-polarity>.....</eia530-signal-polarity>
  <x21-signal-polarity>.....</x21-signal-polarity>
  <serial-loopback>.....</serial-loopback>
  <tx-clock>.....</tx-clock>
  <data-signal>.....</data-signal>
  <eia530-control-signal>.....</eia530-control-signal>
  <x21-control-signal>.....</x21-control-signal>
  <dce-loopback-override>
    dce-loopback-override
```

```

    </dce-loopback-override>
  </serial-information>

```

Description Serial interfaces information and statistics

<serial-information>

Usage

```

<physical-interface>
  <serial-information>
    <line-protocol>....</line-protocol>
    <resync-history>....</resync-history>
    <clocking-mode>....</clocking-mode>
    <clocking-rate>....</clocking-rate>
    <serial-encoding>....</serial-encoding>
    <dtr-circuit>....</dtr-circuit>
    <eia530-signal-polarity>....</eia530-signal-polarity>
    <x21-signal-polarity>....</x21-signal-polarity>
    <serial-loopback>....</serial-loopback>
    <tx-clock>....</tx-clock>
    <data-signal>....</data-signal>
    <eia530-control-signal>....</eia530-control-signal>
    <x21-control-signal>....</x21-control-signal>
    <dce-loopback-override>
      dce-loopback-override
    </dce-loopback-override>
  </serial-information>
</physical-interface>

```

Description Serial interfaces information and statistics

<serial-information>

Usage

```

<interface-information>
  <physical-interface>
    <serial-information>
      <line-protocol>....</line-protocol>
      <resync-history>....</resync-history>
      <clocking-mode>....</clocking-mode>
      <clocking-rate>....</clocking-rate>
      <serial-encoding>....</serial-encoding>
      <dtr-circuit>....</dtr-circuit>
      <eia530-signal-polarity>....</eia530-signal-polarity>
      <x21-signal-polarity>....</x21-signal-polarity>
      <serial-loopback>....</serial-loopback>
      <tx-clock>....</tx-clock>
      <data-signal>....</data-signal>
      <eia530-control-signal>....</eia530-control-signal>
      <x21-control-signal>....</x21-control-signal>
      <dce-loopback-override>
        dce-loopback-override
      </dce-loopback-override>
    </serial-information>
  </physical-interface>
</interface-information>

```

```
</serial-information>
</physical-interface>
</interface-information>
```

Description Serial interfaces information and statistics

<serial-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <serial-information>
    <line-protocol>....</line-protocol>
    <resync-history>....</resync-history>
    <clocking-mode>....</clocking-mode>
    <clocking-rate>....</clocking-rate>
    <serial-encoding>....</serial-encoding>
    <dtr-circuit>....</dtr-circuit>
    <eia530-signal-polarity>....</eia530-signal-polarity>
    <x21-signal-polarity>....</x21-signal-polarity>
    <serial-loopback>....</serial-loopback>
    <tx-clock>....</tx-clock>
    <data-signal>....</data-signal>
    <eia530-control-signal>....</eia530-control-signal>
    <x21-control-signal>....</x21-control-signal>
    <dce-loopback-override>
      dce-loopback-override
    </dce-loopback-override>
  </serial-information>
</physical-interface>
</interface-filter-information>
```

Description Serial interfaces information and statistics

<serial-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <serial-information>
    <line-protocol>....</line-protocol>
    <resync-history>....</resync-history>
    <clocking-mode>....</clocking-mode>
    <clocking-rate>....</clocking-rate>
    <serial-encoding>....</serial-encoding>
    <dtr-circuit>....</dtr-circuit>
    <eia530-signal-polarity>....</eia530-signal-polarity>
    <x21-signal-polarity>....</x21-signal-polarity>
    <serial-loopback>....</serial-loopback>
    <tx-clock>....</tx-clock>
    <data-signal>....</data-signal>
    <eia530-control-signal>....</eia530-control-signal>
    <x21-control-signal>....</x21-control-signal>
```

```

    <dce-loopback-override>
      dce-loopback-override
    </dce-loopback-override>
  </serial-information>
</physical-interface>
</interface-policer-information>

```

Description Serial interfaces information and statistics

<serial-loopback>

Usage

```

<serial-information>
  <serial-loopback>
    <serial-loopback-mode>
      serial-loopback-mode
    </serial-loopback-mode>
  </serial-loopback>
</serial-information>

```

Description

<serial-loopback>

Usage

```

<physical-interface>
  <serial-information>
    <serial-loopback>
      <serial-loopback-mode>
        serial-loopback-mode
      </serial-loopback-mode>
    </serial-loopback>
  </serial-information>
</physical-interface>

```

Description

<serial-loopback>

Usage

```

<interface-information>
  <physical-interface>
    <serial-information>
      <serial-loopback>
        <serial-loopback-mode>
          serial-loopback-mode
        </serial-loopback-mode>
      </serial-loopback>
    </serial-information>
  </physical-interface>
</interface-information>

```

Description**<serial-loopback>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <serial-loopback>
        <serial-loopback-mode>
          serial-loopback-mode
        </serial-loopback-mode>
      </serial-loopback>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description**<serial-loopback>****Usage**

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <serial-loopback>
        <serial-loopback-mode>
          serial-loopback-mode
        </serial-loopback-mode>
      </serial-loopback>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description**<shared-interface-information>****Usage**

```
<logical-interface>
  <shared-interface-information>
    <shared-interface-logical-interface>....</shared-interface-logical-interface>
  </shared-interface-information>
</logical-interface>
```

Description Shared interface information

<shared-interface-information>**Usage**

```
<physical-interface>
<logical-interface>
  <shared-interface-information>
```



```
        <shared-interface-logical-interface>....</shared-interface-logical-interface>
    </shared-interface-information>
</logical-interface>
</physical-interface>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>....</shared-interface-logical-interface>

        </shared-interface-information>
      </logical-interface>
    </physical-interface>
  </interface-information>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-information>
  <logical-interface>
    <shared-interface-information>
      <shared-interface-logical-interface>....</shared-interface-logical-interface>
    </shared-interface-information>
  </logical-interface>
</interface-information>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>....</shared-interface-logical-interface>

        </shared-interface-information>
      </logical-interface>
    </physical-interface>
  </interface-filter-information>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-filter-information>
  <logical-interface>
    <shared-interface-information>
      <shared-interface-logical-interface>....</shared-interface-logical-interface>
    </shared-interface-information>
  </logical-interface>
</interface-filter-information>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>....</shared-interface-logical-interface>

      </shared-interface-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Shared interface information

<shared-interface-information>

Usage

```
<interface-policer-information>
  <logical-interface>
    <shared-interface-information>
      <shared-interface-logical-interface>....</shared-interface-logical-interface>
    </shared-interface-information>
  </logical-interface>
</interface-policer-information>
```

Description Shared interface information

<shared-interface-logical-interface>

Usage

```
<shared-interface-logical-interface>
  <peer-interface-name>
    peer-interface-name
  </peer-interface-name>
```

```

<interface-shared-with>
  interface-shared-with
</interface-shared-with>
<rx-fe>
  rx-fe
</rx-fe>
<rx-nhid>
  rx-nhid
</rx-nhid>
<tx-fe>
  tx-fe
</tx-fe>
<tx-nhid>
  tx-nhid
</tx-nhid>
</shared-interface-logical-interface>

```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```

<logical-interface>
  <shared-interface-information>
    <shared-interface-logical-interface>
      <peer-interface-name>
        peer-interface-name
      </peer-interface-name>
      <interface-shared-with>
        interface-shared-with
      </interface-shared-with>
      <rx-fe>
        rx-fe
      </rx-fe>
      <rx-nhid>
        rx-nhid
      </rx-nhid>
      <tx-fe>
        tx-fe
      </tx-fe>
      <tx-nhid>
        tx-nhid
      </tx-nhid>
    </shared-interface-logical-interface>
  </shared-interface-information>
</logical-interface>

```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```

<physical-interface>

```

```
<logical-interface>
  <shared-interface-information>
    <shared-interface-logical-interface>
      <peer-interface-name>
        peer-interface-name
      </peer-interface-name>
      <interface-shared-with>
        interface-shared-with
      </interface-shared-with>
      <rx-fe>
        rx-fe
      </rx-fe>
      <rx-nhid>
        rx-nhid
      </rx-nhid>
      <tx-fe>
        tx-fe
      </tx-fe>
      <tx-nhid>
        tx-nhid
      </tx-nhid>
    </shared-interface-logical-interface>
  </shared-interface-information>
</logical-interface>
</physical-interface>
```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>
          <peer-interface-name>
            peer-interface-name
          </peer-interface-name>
          <interface-shared-with>
            interface-shared-with
          </interface-shared-with>
          <rx-fe>
            rx-fe
          </rx-fe>
          <rx-nhid>
            rx-nhid
          </rx-nhid>
          <tx-fe>
            tx-fe
          </tx-fe>
          <tx-nhid>
            tx-nhid
          </tx-nhid>
```

```

    </shared-interface-logical-interface>
  </shared-interface-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```

<interface-information>
  <logical-interface>
    <shared-interface-information>
      <shared-interface-logical-interface>
        <peer-interface-name>
          peer-interface-name
        </peer-interface-name>
        <interface-shared-with>
          interface-shared-with
        </interface-shared-with>
        <rx-fe>
          rx-fe
        </rx-fe>
        <rx-nhid>
          rx-nhid
        </rx-nhid>
        <tx-fe>
          tx-fe
        </tx-fe>
        <tx-nhid>
          tx-nhid
        </tx-nhid>
      </shared-interface-logical-interface>
    </shared-interface-information>
  </logical-interface>
</interface-information>

```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>
          <peer-interface-name>
            peer-interface-name
          </peer-interface-name>
          <interface-shared-with>
            interface-shared-with

```

```
</interface-shared-with>
<rx-fe>
  rx-fe
</rx-fe>
<rx-nhid>
  rx-nhid
</rx-nhid>
<tx-fe>
  tx-fe
</tx-fe>
<tx-nhid>
  tx-nhid
</tx-nhid>
</shared-interface-logical-interface>
</shared-interface-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Shared interface logical interface

<shared-interface-logical-interface>

Usage

```
<interface-filter-information>
<logical-interface>
  <shared-interface-information>
    <shared-interface-logical-interface>
      <peer-interface-name>
        peer-interface-name
      </peer-interface-name>
      <interface-shared-with>
        interface-shared-with
      </interface-shared-with>
      <rx-fe>
        rx-fe
      </rx-fe>
      <rx-nhid>
        rx-nhid
      </rx-nhid>
      <tx-fe>
        tx-fe
      </tx-fe>
      <tx-nhid>
        tx-nhid
      </tx-nhid>
    </shared-interface-logical-interface>
  </shared-interface-information>
</logical-interface>
</interface-filter-information>
```

Description Shared interface logical interface

<shared-interface-logical-interface>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <shared-interface-information>
        <shared-interface-logical-interface>
          <peer-interface-name>
            peer-interface-name
          </peer-interface-name>
          <interface-shared-with>
            interface-shared-with
          </interface-shared-with>
          <rx-fe>
            rx-fe
          </rx-fe>
          <rx-nhid>
            rx-nhid
          </rx-nhid>
          <tx-fe>
            tx-fe
          </tx-fe>
          <tx-nhid>
            tx-nhid
          </tx-nhid>
        </shared-interface-logical-interface>
      </shared-interface-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Shared interface logical interface

<shared-interface-logical-interface>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <shared-interface-information>
      <shared-interface-logical-interface>
        <peer-interface-name>
          peer-interface-name
        </peer-interface-name>
        <interface-shared-with>
          interface-shared-with
        </interface-shared-with>
        <rx-fe>
          rx-fe
        </rx-fe>
        <rx-nhid>
          rx-nhid
        </rx-nhid>
        <tx-fe>

```

```
    tx-fe
  </tx-fe>
  <tx-nhid>
    tx-nhid
  </tx-nhid>
</shared-interface-logical-interface>
</shared-interface-information>
</logical-interface>
</interface-policer-information>
```

Description Shared interface logical interface

<shared-interface-physical-interface>

Usage

```
<shared-interface-physical-interface>
  <ownership>
    ownership
  </ownership>
</shared-interface-physical-interface>
```

Description Shared interface physical interface

<shared-interface-physical-interface>

Usage

```
<physical-interface>
  <shared-interface-physical-interface>
    <ownership>
      ownership
    </ownership>
  </shared-interface-physical-interface>
</physical-interface>
```

Description Shared interface physical interface

<shared-interface-physical-interface>

Usage

```
<interface-information>
  <physical-interface>
    <shared-interface-physical-interface>
      <ownership>
        ownership
      </ownership>
    </shared-interface-physical-interface>
  </physical-interface>
</interface-information>
```

Description Shared interface physical interface

<shared-interface-physical-interface>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <shared-interface-physical-interface>
      <ownership>
        ownership
      </ownership>
    </shared-interface-physical-interface>
  </physical-interface>
</interface-filter-information>

```

Description Shared interface physical interface

<shared-interface-physical-interface>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <shared-interface-physical-interface>
      <ownership>
        ownership
      </ownership>
    </shared-interface-physical-interface>
  </physical-interface>
</interface-policer-information>

```

Description Shared interface physical interface

<shdsl-information>**Usage**

```

<shdsl-information>
  <shdsl-line-termination>
    shdsl-line-termination
  </shdsl-line-termination>
  <shdsl-annex>
    shdsl-annex
  </shdsl-annex>
  <shdsl-line-mode>
    shdsl-line-mode
  </shdsl-line-mode>
  <shdsl-modem-status>
    shdsl-modem-status
  </shdsl-modem-status>
  <shdsl-bit-rate>
    shdsl-bit-rate
  </shdsl-bit-rate>
  <shdsl-last-fail-reason>
    shdsl-last-fail-reason
  </shdsl-last-fail-reason>

```

```
<shdsl-last-fail-code>
  shdsl-last-fail-code
</shdsl-last-fail-code>
<shdsl-framer-mode>
  shdsl-framer-mode
</shdsl-framer-mode>
<shdsl-dying-gasp>
  shdsl-dying-gasp
</shdsl-dying-gasp>
<shdsl-framer-sync-status>
  shdsl-framer-sync-status
</shdsl-framer-sync-status>
<shdsl-chipset-version>
  shdsl-chipset-version
</shdsl-chipset-version>
<shdsl-firmware-version>
  shdsl-firmware-version
</shdsl-firmware-version>
<shdsl-statistics>....</shdsl-statistics>
</shdsl-information>
```

Description Operational information and statistics for SHDSL interfaces

<shdsl-information>

Usage

```
<physical-interface>
  <shdsl-information>
    <shdsl-line-termination>
      shdsl-line-termination
    </shdsl-line-termination>
    <shdsl-annex>
      shdsl-annex
    </shdsl-annex>
    <shdsl-line-mode>
      shdsl-line-mode
    </shdsl-line-mode>
    <shdsl-modem-status>
      shdsl-modem-status
    </shdsl-modem-status>
    <shdsl-bit-rate>
      shdsl-bit-rate
    </shdsl-bit-rate>
    <shdsl-last-fail-reason>
      shdsl-last-fail-reason
    </shdsl-last-fail-reason>
    <shdsl-last-fail-code>
      shdsl-last-fail-code
    </shdsl-last-fail-code>
    <shdsl-framer-mode>
      shdsl-framer-mode
    </shdsl-framer-mode>
    <shdsl-dying-gasp>
      shdsl-dying-gasp
```

```

</shdsl-dying-gasp>
<shdsl-framer-sync-status>
  shdsl-framer-sync-status
</shdsl-framer-sync-status>
<shdsl-chipset-version>
  shdsl-chipset-version
</shdsl-chipset-version>
<shdsl-firmware-version>
  shdsl-firmware-version
</shdsl-firmware-version>
<shdsl-statistics>....</shdsl-statistics>
</shdsl-information>
</physical-interface>

```

Description Operational information and statistics for SHDSL interfaces

<shdsl-information>

Usage

```

<interface-information>
<physical-interface>
  <shdsl-information>
    <shdsl-line-termination>
      shdsl-line-termination
    </shdsl-line-termination>
    <shdsl-annex>
      shdsl-annex
    </shdsl-annex>
    <shdsl-line-mode>
      shdsl-line-mode
    </shdsl-line-mode>
    <shdsl-modem-status>
      shdsl-modem-status
    </shdsl-modem-status>
    <shdsl-bit-rate>
      shdsl-bit-rate
    </shdsl-bit-rate>
    <shdsl-last-fail-reason>
      shdsl-last-fail-reason
    </shdsl-last-fail-reason>
    <shdsl-last-fail-code>
      shdsl-last-fail-code
    </shdsl-last-fail-code>
    <shdsl-framer-mode>
      shdsl-framer-mode
    </shdsl-framer-mode>
    <shdsl-dying-gasp>
      shdsl-dying-gasp
    </shdsl-dying-gasp>
    <shdsl-framer-sync-status>
      shdsl-framer-sync-status
    </shdsl-framer-sync-status>
    <shdsl-chipset-version>
      shdsl-chipset-version

```

```
</shdsl-chipset-version>
<shdsl-firmware-version>
  shdsl-firmware-version
</shdsl-firmware-version>
<shdsl-statistics>....</shdsl-statistics>
</shdsl-information>
</physical-interface>
</interface-information>
```

Description Operational information and statistics for SHDSL interfaces

<shdsl-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <shdsl-information>
    <shdsl-line-termination>
      shdsl-line-termination
    </shdsl-line-termination>
    <shdsl-annex>
      shdsl-annex
    </shdsl-annex>
    <shdsl-line-mode>
      shdsl-line-mode
    </shdsl-line-mode>
    <shdsl-modem-status>
      shdsl-modem-status
    </shdsl-modem-status>
    <shdsl-bit-rate>
      shdsl-bit-rate
    </shdsl-bit-rate>
    <shdsl-last-fail-reason>
      shdsl-last-fail-reason
    </shdsl-last-fail-reason>
    <shdsl-last-fail-code>
      shdsl-last-fail-code
    </shdsl-last-fail-code>
    <shdsl-framer-mode>
      shdsl-framer-mode
    </shdsl-framer-mode>
    <shdsl-dying-gasp>
      shdsl-dying-gasp
    </shdsl-dying-gasp>
    <shdsl-framer-sync-status>
      shdsl-framer-sync-status
    </shdsl-framer-sync-status>
    <shdsl-chipset-version>
      shdsl-chipset-version
    </shdsl-chipset-version>
    <shdsl-firmware-version>
      shdsl-firmware-version
    </shdsl-firmware-version>
    <shdsl-statistics>....</shdsl-statistics>
```

```

    </shdsl-information>
  </physical-interface>
</interface-filter-information>

```

Description Operational information and statistics for SHDSL interfaces

<shdsl-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <shdsl-information>
      <shdsl-line-termination>
        shdsl-line-termination
      </shdsl-line-termination>
      <shdsl-annex>
        shdsl-annex
      </shdsl-annex>
      <shdsl-line-mode>
        shdsl-line-mode
      </shdsl-line-mode>
      <shdsl-modem-status>
        shdsl-modem-status
      </shdsl-modem-status>
      <shdsl-bit-rate>
        shdsl-bit-rate
      </shdsl-bit-rate>
      <shdsl-last-fail-reason>
        shdsl-last-fail-reason
      </shdsl-last-fail-reason>
      <shdsl-last-fail-code>
        shdsl-last-fail-code
      </shdsl-last-fail-code>
      <shdsl-framer-mode>
        shdsl-framer-mode
      </shdsl-framer-mode>
      <shdsl-dying-gasp>
        shdsl-dying-gasp
      </shdsl-dying-gasp>
      <shdsl-framer-sync-status>
        shdsl-framer-sync-status
      </shdsl-framer-sync-status>
      <shdsl-chipset-version>
        shdsl-chipset-version
      </shdsl-chipset-version>
      <shdsl-firmware-version>
        shdsl-firmware-version
      </shdsl-firmware-version>
      <shdsl-statistics>....</shdsl-statistics>
    </shdsl-information>
  </physical-interface>
</interface-policer-information>

```

Description Operational information and statistics for SHDSL interfaces

<shdsl-statistics>

Usage

```
<shdsl-information>
  <shdsl-statistics>
    <shdsl-loop-attenuation>
      shdsl-loop-attenuation
    </shdsl-loop-attenuation>
    <shdsl-transmit-power>
      shdsl-transmit-power
    </shdsl-transmit-power>
    <shdsl-receiver-gain>
      shdsl-receiver-gain
    </shdsl-receiver-gain>
    <shdsl-snr-sampling>
      shdsl-snr-sampling
    </shdsl-snr-sampling>
    <shdsl-rx-cells>
      shdsl-rx-cells
    </shdsl-rx-cells>
    <shdsl-tx-cells>
      shdsl-tx-cells
    </shdsl-tx-cells>
    <shdsl-crc>
      shdsl-crc
    </shdsl-crc>
    <shdsl-sega>
      shdsl-sega
    </shdsl-sega>
    <shdsl-losw>
      shdsl-losw
    </shdsl-losw>
    <shdsl-hec>
      shdsl-hec
    </shdsl-hec>
    <shdsl-cell-drop>
      shdsl-cell-drop
    </shdsl-cell-drop>
  </shdsl-statistics>
</shdsl-information>
```

Description

<shdsl-statistics>

Usage

```
<physical-interface>
  <shdsl-information>
    <shdsl-statistics>
      <shdsl-loop-attenuation>
        shdsl-loop-attenuation
      </shdsl-loop-attenuation>
      <shdsl-transmit-power>
```

```

    shdsl-transmit-power
  </shdsl-transmit-power>
  <shdsl-receiver-gain>
    shdsl-receiver-gain
  </shdsl-receiver-gain>
  <shdsl-snr-sampling>
    shdsl-snr-sampling
  </shdsl-snr-sampling>
  <shdsl-rx-cells>
    shdsl-rx-cells
  </shdsl-rx-cells>
  <shdsl-tx-cells>
    shdsl-tx-cells
  </shdsl-tx-cells>
  <shdsl-crc>
    shdsl-crc
  </shdsl-crc>
  <shdsl-sega>
    shdsl-sega
  </shdsl-sega>
  <shdsl-losw>
    shdsl-losw
  </shdsl-losw>
  <shdsl-hec>
    shdsl-hec
  </shdsl-hec>
  <shdsl-cell-drop>
    shdsl-cell-drop
  </shdsl-cell-drop>
</shdsl-statistics>
</shdsl-information>
</physical-interface>

```

Description

<shdsl-statistics>

Usage

```

<interface-information>
  <physical-interface>
    <shdsl-information>
      <shdsl-statistics>
        <shdsl-loop-attenuation>
          shdsl-loop-attenuation
        </shdsl-loop-attenuation>
        <shdsl-transmit-power>
          shdsl-transmit-power
        </shdsl-transmit-power>
        <shdsl-receiver-gain>
          shdsl-receiver-gain
        </shdsl-receiver-gain>
        <shdsl-snr-sampling>
          shdsl-snr-sampling
        </shdsl-snr-sampling>
        <shdsl-rx-cells>

```

```
    shdsl-rx-cells
  </shdsl-rx-cells>
  <shdsl-tx-cells>
    shdsl-tx-cells
  </shdsl-tx-cells>
  <shdsl-crc>
    shdsl-crc
  </shdsl-crc>
  <shdsl-sega>
    shdsl-sega
  </shdsl-sega>
  <shdsl-losw>
    shdsl-losw
  </shdsl-losw>
  <shdsl-hec>
    shdsl-hec
  </shdsl-hec>
  <shdsl-cell-drop>
    shdsl-cell-drop
  </shdsl-cell-drop>
</shdsl-statistics>
</shdsl-information>
</physical-interface>
</interface-information>
```

Description

<shdsl-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
  <shdsl-information>
    <shdsl-statistics>
      <shdsl-loop-attenuation>
        shdsl-loop-attenuation
      </shdsl-loop-attenuation>
      <shdsl-transmit-power>
        shdsl-transmit-power
      </shdsl-transmit-power>
      <shdsl-receiver-gain>
        shdsl-receiver-gain
      </shdsl-receiver-gain>
      <shdsl-snr-sampling>
        shdsl-snr-sampling
      </shdsl-snr-sampling>
      <shdsl-rx-cells>
        shdsl-rx-cells
      </shdsl-rx-cells>
      <shdsl-tx-cells>
        shdsl-tx-cells
      </shdsl-tx-cells>
      <shdsl-crc>
        shdsl-crc
      </shdsl-crc>
```



```

    <shdsl-sega>
      shdsl-sega
    </shdsl-sega>
    <shdsl-losw>
      shdsl-losw
    </shdsl-losw>
    <shdsl-hec>
      shdsl-hec
    </shdsl-hec>
    <shdsl-cell-drop>
      shdsl-cell-drop
    </shdsl-cell-drop>
  </shdsl-statistics>
</shdsl-information>
</physical-interface>
</interface-filter-information>

```

Description

<shdsl-statistics>

Usage

```

<interface-policer-information>
  <physical-interface>
    <shdsl-information>
      <shdsl-statistics>
        <shdsl-loop-attenuation>
          shdsl-loop-attenuation
        </shdsl-loop-attenuation>
        <shdsl-transmit-power>
          shdsl-transmit-power
        </shdsl-transmit-power>
        <shdsl-receiver-gain>
          shdsl-receiver-gain
        </shdsl-receiver-gain>
        <shdsl-snr-sampling>
          shdsl-snr-sampling
        </shdsl-snr-sampling>
        <shdsl-rx-cells>
          shdsl-rx-cells
        </shdsl-rx-cells>
        <shdsl-tx-cells>
          shdsl-tx-cells
        </shdsl-tx-cells>
        <shdsl-crc>
          shdsl-crc
        </shdsl-crc>
        <shdsl-sega>
          shdsl-sega
        </shdsl-sega>
        <shdsl-losw>
          shdsl-losw
        </shdsl-losw>
        <shdsl-hec>
          shdsl-hec
      </shdsl-statistics>
    </shdsl-information>
  </physical-interface>
</interface-policer-information>

```

```
</shdsl-hec>
<shdsl-cell-drop>
  shdsl-cell-drop
</shdsl-cell-drop>
</shdsl-statistics>
</shdsl-information>
</physical-interface>
</interface-policer-information>
```

Description

<sonet-errors>

Usage

```
<sonet-errors>
  <media-alarm>....</media-alarm>
</sonet-errors>
```

Description

<sonet-errors>

Usage

```
<physical-interface>
  <sonet-errors>
    <media-alarm>....</media-alarm>
  </sonet-errors>
</physical-interface>
```

Description

<sonet-errors>

Usage

```
<physical-interface>
  <links>
    <link-entry>
      <sonet-errors>
        <media-alarm>....</media-alarm>
      </sonet-errors>
    </link-entry>
  </links>
</physical-interface>
```

Description

<sonet-errors>

Usage

```
<interface-information>
  <physical-interface>
    <sonet-errors>
      <media-alarm>....</media-alarm>
```

```

    </sonet-errors>
  </physical-interface>
</interface-information>

```

Description**<sonet-errors>****Usage**

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-errors>
          <media-alarm>....</media-alarm>
        </sonet-errors>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

Description**<sonet-errors>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <sonet-errors>
      <media-alarm>....</media-alarm>
    </sonet-errors>
  </physical-interface>
</interface-filter-information>

```

Description**<sonet-errors>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-errors>
          <media-alarm>....</media-alarm>
        </sonet-errors>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>

```

Description

<sonet-errors>

Usage

```
<interface-policer-information>
  <physical-interface>
    <sonet-errors>
      <media-alarm>....</media-alarm>
    </sonet-errors>
  </physical-interface>
</interface-policer-information>
```

Description

<sonet-errors>

Usage

```
<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-errors>
          <media-alarm>....</media-alarm>
        </sonet-errors>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>
```

Description

<sonet-line-information>

Usage

```
<sonet-line-information>
  <media-alarm>....</media-alarm>
</sonet-line-information>
```

Description

<sonet-line-information>

Usage

```
<physical-interface>
  <sonet-line-information>
    <media-alarm>....</media-alarm>
  </sonet-line-information>
</physical-interface>
```

Description

<sonet-line-information>**Usage**

```

<physical-interface>
  <links>
    <link-entry>
      <sonet-line-information>
        <media-alarm>....</media-alarm>
      </sonet-line-information>
    </link-entry>
  </links>
</physical-interface>

```

Description**<sonet-line-information>****Usage**

```

<interface-information>
  <physical-interface>
    <sonet-line-information>
      <media-alarm>....</media-alarm>
    </sonet-line-information>
  </physical-interface>
</interface-information>

```

Description**<sonet-line-information>****Usage**

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-line-information>
          <media-alarm>....</media-alarm>
        </sonet-line-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

Description**<sonet-line-information>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <sonet-line-information>
      <media-alarm>....</media-alarm>
    </sonet-line-information>
  </physical-interface>

```

```
</physical-interface>
</interface-filter-information>
```

Description

<sonet-line-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-line-information>
          <media-alarm>....</media-alarm>
        </sonet-line-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>
```

Description

<sonet-line-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <sonet-line-information>
      <media-alarm>....</media-alarm>
    </sonet-line-information>
  </physical-interface>
</interface-policer-information>
```

Description

<sonet-line-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-line-information>
          <media-alarm>....</media-alarm>
        </sonet-line-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>
```

Description

<sonet-path-information>**Usage**

```
<sonet-path-information>
  <media-alarm>....</media-alarm>
</sonet-path-information>
```

Description**<sonet-path-information>****Usage**

```
<physical-interface>
  <sonet-path-information>
    <media-alarm>....</media-alarm>
  </sonet-path-information>
</physical-interface>
```

Description**<sonet-path-information>****Usage**

```
<physical-interface>
  <links>
    <link-entry>
      <sonet-path-information>
        <media-alarm>....</media-alarm>
      </sonet-path-information>
    </link-entry>
  </links>
</physical-interface>
```

Description**<sonet-path-information>****Usage**

```
<interface-information>
  <physical-interface>
    <sonet-path-information>
      <media-alarm>....</media-alarm>
    </sonet-path-information>
  </physical-interface>
</interface-information>
```

Description**<sonet-path-information>****Usage**

```
<interface-information>
  <physical-interface>
```

```
<links>
  <link-entry>
    <sonet-path-information>
      <media-alarm>....</media-alarm>
    </sonet-path-information>
  </link-entry>
</links>
</physical-interface>
</interface-information>
```

Description

<sonet-path-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <sonet-path-information>
    <media-alarm>....</media-alarm>
  </sonet-path-information>
</physical-interface>
</interface-filter-information>
```

Description

<sonet-path-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-path-information>
        <media-alarm>....</media-alarm>
      </sonet-path-information>
    </link-entry>
  </links>
</physical-interface>
</interface-filter-information>
```

Description

<sonet-path-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <sonet-path-information>
    <media-alarm>....</media-alarm>
  </sonet-path-information>
</physical-interface>
</interface-policer-information>
```


Description

<sonet-path-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-path-information>
          <media-alarm>....</media-alarm>
        </sonet-path-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>

```

Description

<sonet-payload-pointer-information>

Usage

```

<sonet-payload-pointer-information>
  <sonet-payload-pointer-curptr>
    sonet-payload-pointer-curptr
  </sonet-payload-pointer-curptr>
  <sonet-payload-pointer-ptrinc-count>
    sonet-payload-pointer-ptrinc-count
  </sonet-payload-pointer-ptrinc-count>
  <sonet-payload-pointer-ptrdec-count>
    sonet-payload-pointer-ptrdec-count
  </sonet-payload-pointer-ptrdec-count>
  <sonet-payload-pointer-newptr-ndf-count>
    sonet-payload-pointer-newptr-ndf-count
  </sonet-payload-pointer-newptr-ndf-count>
</sonet-payload-pointer-information>

```

Description

<sonet-payload-pointer-information>

Usage

```

<physical-interface>
  <sonet-payload-pointer-information>
    <sonet-payload-pointer-curptr>
      sonet-payload-pointer-curptr
    </sonet-payload-pointer-curptr>
    <sonet-payload-pointer-ptrinc-count>
      sonet-payload-pointer-ptrinc-count
    </sonet-payload-pointer-ptrinc-count>
    <sonet-payload-pointer-ptrdec-count>
      sonet-payload-pointer-ptrdec-count
    </sonet-payload-pointer-ptrdec-count>
    <sonet-payload-pointer-newptr-ndf-count>
      sonet-payload-pointer-newptr-ndf-count

```

```
</sonet-payload-pointer-newptr-ndf-count>
</sonet-payload-pointer-information>
</physical-interface>
```

Description

<sonet-payload-pointer-information>

Usage

```
<physical-interface>
<links>
  <link-entry>
    <sonet-payload-pointer-information>
      <sonet-payload-pointer-curptr>
        sonet-payload-pointer-curptr
      </sonet-payload-pointer-curptr>
      <sonet-payload-pointer-ptrinc-count>
        sonet-payload-pointer-ptrinc-count
      </sonet-payload-pointer-ptrinc-count>
      <sonet-payload-pointer-ptrdec-count>
        sonet-payload-pointer-ptrdec-count
      </sonet-payload-pointer-ptrdec-count>
      <sonet-payload-pointer-newptr-ndf-count>
        sonet-payload-pointer-newptr-ndf-count
      </sonet-payload-pointer-newptr-ndf-count>
    </sonet-payload-pointer-information>
  </link-entry>
</links>
</physical-interface>
```

Description

<sonet-payload-pointer-information>

Usage

```
<interface-information>
<physical-interface>
  <sonet-payload-pointer-information>
    <sonet-payload-pointer-curptr>
      sonet-payload-pointer-curptr
    </sonet-payload-pointer-curptr>
    <sonet-payload-pointer-ptrinc-count>
      sonet-payload-pointer-ptrinc-count
    </sonet-payload-pointer-ptrinc-count>
    <sonet-payload-pointer-ptrdec-count>
      sonet-payload-pointer-ptrdec-count
    </sonet-payload-pointer-ptrdec-count>
    <sonet-payload-pointer-newptr-ndf-count>
      sonet-payload-pointer-newptr-ndf-count
    </sonet-payload-pointer-newptr-ndf-count>
  </sonet-payload-pointer-information>
</physical-interface>
</interface-information>
```

Description

<sonet-payload-pointer-information>

Usage

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-payload-pointer-information>
          <sonet-payload-pointer-curptr>
            sonet-payload-pointer-curptr
          </sonet-payload-pointer-curptr>
          <sonet-payload-pointer-ptrinc-count>
            sonet-payload-pointer-ptrinc-count
          </sonet-payload-pointer-ptrinc-count>
          <sonet-payload-pointer-ptrdec-count>
            sonet-payload-pointer-ptrdec-count
          </sonet-payload-pointer-ptrdec-count>
          <sonet-payload-pointer-newptr-ndf-count>
            sonet-payload-pointer-newptr-ndf-count
          </sonet-payload-pointer-newptr-ndf-count>
        </sonet-payload-pointer-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

Description

<sonet-payload-pointer-information>

Usage

```

<interface-filter-information>
  <physical-interface>
    <sonet-payload-pointer-information>
      <sonet-payload-pointer-curptr>
        sonet-payload-pointer-curptr
      </sonet-payload-pointer-curptr>
      <sonet-payload-pointer-ptrinc-count>
        sonet-payload-pointer-ptrinc-count
      </sonet-payload-pointer-ptrinc-count>
      <sonet-payload-pointer-ptrdec-count>
        sonet-payload-pointer-ptrdec-count
      </sonet-payload-pointer-ptrdec-count>
      <sonet-payload-pointer-newptr-ndf-count>
        sonet-payload-pointer-newptr-ndf-count
      </sonet-payload-pointer-newptr-ndf-count>
    </sonet-payload-pointer-information>
  </physical-interface>
</interface-filter-information>

```

Description

<sonet-payload-pointer-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-payload-pointer-information>
        <sonet-payload-pointer-curptr>
          sonet-payload-pointer-curptr
        </sonet-payload-pointer-curptr>
        <sonet-payload-pointer-ptrinc-count>
          sonet-payload-pointer-ptrinc-count
        </sonet-payload-pointer-ptrinc-count>
        <sonet-payload-pointer-ptrdec-count>
          sonet-payload-pointer-ptrdec-count
        </sonet-payload-pointer-ptrdec-count>
        <sonet-payload-pointer-newptr-ndf-count>
          sonet-payload-pointer-newptr-ndf-count
        </sonet-payload-pointer-newptr-ndf-count>
      </sonet-payload-pointer-information>
    </link-entry>
  </links>
</physical-interface>
</interface-filter-information>
```

Description

<sonet-payload-pointer-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <sonet-payload-pointer-information>
    <sonet-payload-pointer-curptr>
      sonet-payload-pointer-curptr
    </sonet-payload-pointer-curptr>
    <sonet-payload-pointer-ptrinc-count>
      sonet-payload-pointer-ptrinc-count
    </sonet-payload-pointer-ptrinc-count>
    <sonet-payload-pointer-ptrdec-count>
      sonet-payload-pointer-ptrdec-count
    </sonet-payload-pointer-ptrdec-count>
    <sonet-payload-pointer-newptr-ndf-count>
      sonet-payload-pointer-newptr-ndf-count
    </sonet-payload-pointer-newptr-ndf-count>
  </sonet-payload-pointer-information>
</physical-interface>
</interface-policer-information>
```

Description

<sonet-payload-pointer-information>**Usage**

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-payload-pointer-information>
          <sonet-payload-pointer-curptr>
            sonet-payload-pointer-curptr
          </sonet-payload-pointer-curptr>
          <sonet-payload-pointer-ptrinc-count>
            sonet-payload-pointer-ptrinc-count
          </sonet-payload-pointer-ptrinc-count>
          <sonet-payload-pointer-ptrdec-count>
            sonet-payload-pointer-ptrdec-count
          </sonet-payload-pointer-ptrdec-count>
          <sonet-payload-pointer-newptr-ndf-count>
            sonet-payload-pointer-newptr-ndf-count
          </sonet-payload-pointer-newptr-ndf-count>
        </sonet-payload-pointer-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>

```

Description**<sonet-physical-information>****Usage**

```

<sonet-physical-information>
  <media-alarm>....</media-alarm>
</sonet-physical-information>

```

Description**<sonet-physical-information>****Usage**

```

<physical-interface>
  <sonet-physical-information>
    <media-alarm>....</media-alarm>
  </sonet-physical-information>
</physical-interface>

```

Description**<sonet-physical-information>****Usage**

```

<physical-interface>
  <links>

```

```
<link-entry>
  <sonet-physical-information>
    <media-alarm>....</media-alarm>
  </sonet-physical-information>
</link-entry>
</links>
</physical-interface>
```

Description

<sonet-physical-information>

Usage

```
<interface-information>
  <physical-interface>
    <sonet-physical-information>
      <media-alarm>....</media-alarm>
    </sonet-physical-information>
  </physical-interface>
</interface-information>
```

Description

<sonet-physical-information>

Usage

```
<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-physical-information>
          <media-alarm>....</media-alarm>
        </sonet-physical-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>
```

Description

<sonet-physical-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <sonet-physical-information>
      <media-alarm>....</media-alarm>
    </sonet-physical-information>
  </physical-interface>
</interface-filter-information>
```

Description

<sonet-physical-information>**Usage**

```

<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-physical-information>
          <media-alarm>....</media-alarm>
        </sonet-physical-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>

```

Description**<sonet-physical-information>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <sonet-physical-information>
      <media-alarm>....</media-alarm>
    </sonet-physical-information>
  </physical-interface>
</interface-policer-information>

```

Description**<sonet-physical-information>****Usage**

```

<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-physical-information>
          <media-alarm>....</media-alarm>
        </sonet-physical-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>

```

Description**<sonet-section-information>****Usage**

```

<sonet-section-information>
  <media-alarm>....</media-alarm>

```

</sonet-section-information>

Description

<sonet-section-information>

Usage

```
<physical-interface>
  <sonet-section-information>
    <media-alarm>....</media-alarm>
  </sonet-section-information>
</physical-interface>
```

Description

<sonet-section-information>

Usage

```
<physical-interface>
  <links>
    <link-entry>
      <sonet-section-information>
        <media-alarm>....</media-alarm>
      </sonet-section-information>
    </link-entry>
  </links>
</physical-interface>
```

Description

<sonet-section-information>

Usage

```
<interface-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>....</media-alarm>
    </sonet-section-information>
  </physical-interface>
</interface-information>
```

Description

<sonet-section-information>

Usage

```
<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-section-information>
          <media-alarm>....</media-alarm>
        </sonet-section-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>
```



```
    </link-entry>
  </links>
</physical-interface>
</interface-information>
```

Description

<sonet-section-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>....</media-alarm>
    </sonet-section-information>
  </physical-interface>
</interface-filter-information>
```

Description

<sonet-section-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-section-information>
          <media-alarm>....</media-alarm>
        </sonet-section-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>
```

Description

<sonet-section-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <sonet-section-information>
      <media-alarm>....</media-alarm>
    </sonet-section-information>
  </physical-interface>
</interface-policer-information>
```

Description

<sonet-section-information>**Usage**

```
<interface-policer-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-section-information>
          <media-alarm>....</media-alarm>
        </sonet-section-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-policer-information>
```

Description**<sonet-vt-information>****Usage**

```
<sonet-vt-information>
  <media-alarm>....</media-alarm>
</sonet-vt-information>
```

Description**<sonet-vt-information>****Usage**

```
<physical-interface>
  <sonet-vt-information>
    <media-alarm>....</media-alarm>
  </sonet-vt-information>
</physical-interface>
```

Description**<sonet-vt-information>****Usage**

```
<physical-interface>
  <links>
    <link-entry>
      <sonet-vt-information>
        <media-alarm>....</media-alarm>
      </sonet-vt-information>
    </link-entry>
  </links>
</physical-interface>
```

Description

<sonet-vt-information>**Usage**

```

<interface-information>
  <physical-interface>
    <sonet-vt-information>
      <media-alarm>....</media-alarm>
    </sonet-vt-information>
  </physical-interface>
</interface-information>

```

Description**<sonet-vt-information>****Usage**

```

<interface-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-vt-information>
          <media-alarm>....</media-alarm>
        </sonet-vt-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-information>

```

Description**<sonet-vt-information>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <sonet-vt-information>
      <media-alarm>....</media-alarm>
    </sonet-vt-information>
  </physical-interface>
</interface-filter-information>

```

Description**<sonet-vt-information>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <links>
      <link-entry>
        <sonet-vt-information>
          <media-alarm>....</media-alarm>
        </sonet-vt-information>
      </link-entry>
    </links>
  </physical-interface>
</interface-filter-information>

```

```
</link-entry>
</links>
</physical-interface>
</interface-filter-information>
```

Description

<sonet-vt-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <sonet-vt-information>
    <media-alarm>....</media-alarm>
  </sonet-vt-information>
</physical-interface>
</interface-policer-information>
```

Description

<sonet-vt-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <links>
    <link-entry>
      <sonet-vt-information>
        <media-alarm>....</media-alarm>
      </sonet-vt-information>
    </link-entry>
  </links>
</physical-interface>
</interface-policer-information>
```

Description

<source-class>

Usage

```
<source-class-statistics>
  <source-class>
    <scu-class-name>
      scu-class-name
    </scu-class-name>
    <scu-class-packets>
      scu-class-packets
    </scu-class-packets>
    <scu-class-bytes>
      scu-class-bytes
    </scu-class-bytes>
    <scu-class-pps>
      scu-class-pps
    </scu-class-pps>
```

```

    <scu-class-bps>
      scu-class-bps
    </scu-class-bps>
  </source-class>
</source-class-statistics>

```

Description SCU statistics for a single class

<source-class>

Usage

```

<address-family>
  <source-class-statistics>
    <source-class>
      <scu-class-name>
        scu-class-name
      </scu-class-name>
      <scu-class-packets>
        scu-class-packets
      </scu-class-packets>
      <scu-class-bytes>
        scu-class-bytes
      </scu-class-bytes>
      <scu-class-pps>
        scu-class-pps
      </scu-class-pps>
      <scu-class-bps>
        scu-class-bps
      </scu-class-bps>
    </source-class>
  </source-class-statistics>
</address-family>

```

Description SCU statistics for a single class

<source-class>

Usage

```

<logical-interface>
  <address-family>
    <source-class-statistics>
      <source-class>
        <scu-class-name>
          scu-class-name
        </scu-class-name>
        <scu-class-packets>
          scu-class-packets
        </scu-class-packets>
        <scu-class-bytes>
          scu-class-bytes
        </scu-class-bytes>
        <scu-class-pps>
          scu-class-pps

```

```
        </scu-class-pps>
        <scu-class-bps>
          scu-class-bps
        </scu-class-bps>
      </source-class>
    </source-class-statistics>
  </address-family>
</logical-interface>
```

Description SCU statistics for a single class

<source-class>

Usage

```
<physical-interface>
<logical-interface>
  <address-family>
    <source-class-statistics>
      <source-class>
        <scu-class-name>
          scu-class-name
        </scu-class-name>
        <scu-class-packets>
          scu-class-packets
        </scu-class-packets>
        <scu-class-bytes>
          scu-class-bytes
        </scu-class-bytes>
        <scu-class-pps>
          scu-class-pps
        </scu-class-pps>
        <scu-class-bps>
          scu-class-bps
        </scu-class-bps>
      </source-class>
    </source-class-statistics>
  </address-family>
</logical-interface>
</physical-interface>
```

Description SCU statistics for a single class

<source-class>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <source-class-statistics>
          <source-class>
            <scu-class-name>
              scu-class-name
            </scu-class-name>
          </source-class>
        </source-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-information>
```

```

    </scu-class-name>
    <scu-class-packets>
      scu-class-packets
    </scu-class-packets>
    <scu-class-bytes>
      scu-class-bytes
    </scu-class-bytes>
    <scu-class-pps>
      scu-class-pps
    </scu-class-pps>
    <scu-class-bps>
      scu-class-bps
    </scu-class-bps>
  </source-class>
</source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>

```

Description SCU statistics for a single class

<source-class>

Usage

```

<interface-information>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>
      <scu-class-name>
        scu-class-name
      </scu-class-name>
      <scu-class-packets>
        scu-class-packets
      </scu-class-packets>
      <scu-class-bytes>
        scu-class-bytes
      </scu-class-bytes>
      <scu-class-pps>
        scu-class-pps
      </scu-class-pps>
      <scu-class-bps>
        scu-class-bps
      </scu-class-bps>
    </source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</interface-information>

```

Description SCU statistics for a single class

<source-class>

Usage

```
<interface-filter-information>
<physical-interface>
  <logical-interface>
    <address-family>
      <source-class-statistics>
        <source-class>
          <scu-class-name>
            scu-class-name
          </scu-class-name>
          <scu-class-packets>
            scu-class-packets
          </scu-class-packets>
          <scu-class-bytes>
            scu-class-bytes
          </scu-class-bytes>
          <scu-class-pps>
            scu-class-pps
          </scu-class-pps>
          <scu-class-bps>
            scu-class-bps
          </scu-class-bps>
        </source-class>
      </source-class-statistics>
    </address-family>
  </logical-interface>
</physical-interface>
</interface-filter-information>
```

Description SCU statistics for a single class

<source-class>

Usage

```
<interface-filter-information>
<logical-interface>
  <address-family>
    <source-class-statistics>
      <source-class>
        <scu-class-name>
          scu-class-name
        </scu-class-name>
        <scu-class-packets>
          scu-class-packets
        </scu-class-packets>
        <scu-class-bytes>
          scu-class-bytes
        </scu-class-bytes>
        <scu-class-pps>
          scu-class-pps
        </scu-class-pps>
        <scu-class-bps>
```



```

        scu-class-bps
      </scu-class-bps>
    </source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</interface-filter-information>

```

Description SCU statistics for a single class

<source-class>

Usage

```

<interface-policer-information>
<physical-interface>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>
      <scu-class-name>
        scu-class-name
      </scu-class-name>
      <scu-class-packets>
        scu-class-packets
      </scu-class-packets>
      <scu-class-bytes>
        scu-class-bytes
      </scu-class-bytes>
      <scu-class-pps>
        scu-class-pps
      </scu-class-pps>
      <scu-class-bps>
        scu-class-bps
      </scu-class-bps>
    </source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description SCU statistics for a single class

<source-class>

Usage

```

<interface-policer-information>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>
      <scu-class-name>
        scu-class-name

```

```
</scu-class-name>
<scu-class-packets>
  scu-class-packets
</scu-class-packets>
<scu-class-bytes>
  scu-class-bytes
</scu-class-bytes>
<scu-class-pps>
  scu-class-pps
</scu-class-pps>
<scu-class-bps>
  scu-class-bps
</scu-class-bps>
</source-class>
</source-class-statistics>
</address-family>
</logical-interface>
</interface-policer-information>
```

Description SCU statistics for a single class

<source-class-statistics>

Usage

```
<source-class-statistics>
<source-class>....</source-class>
</source-class-statistics>
```

Description Source class usage (SCU) statistics

<source-class-statistics>

Usage

```
<address-family>
<source-class-statistics>
  <source-class>....</source-class>
</source-class-statistics>
</address-family>
```

Description Source class usage (SCU) statistics

<source-class-statistics>

Usage

```
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>....</source-class>
  </source-class-statistics>
</address-family>
```

```
</logical-interface>
```

Description Source class usage (SCU) statistics

```
<source-class-statistics>
```

Usage

```
<physical-interface>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>....</source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
```

Description Source class usage (SCU) statistics

```
<source-class-statistics>
```

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>....</source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Source class usage (SCU) statistics

```
<source-class-statistics>
```

Usage

```
<interface-information>
<logical-interface>
<address-family>
  <source-class-statistics>
    <source-class>....</source-class>
  </source-class-statistics>
</address-family>
</logical-interface>
</interface-information>
```

Description Source class usage (SCU) statistics

<source-class-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <source-class-statistics>
          <source-class>....</source-class>
        </source-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description Source class usage (SCU) statistics

<source-class-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <address-family>
      <source-class-statistics>
        <source-class>....</source-class>
      </source-class-statistics>
    </address-family>
  </logical-interface>
</interface-filter-information>
```

Description Source class usage (SCU) statistics

<source-class-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <address-family>
        <source-class-statistics>
          <source-class>....</source-class>
        </source-class-statistics>
      </address-family>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Source class usage (SCU) statistics

<source-class-statistics>**Usage**

```

<interface-policer-information>
  <logical-interface>
    <address-family>
      <source-class-statistics>
        <source-class>....</source-class>
      </source-class-statistics>
    </address-family>
  </logical-interface>
</interface-policer-information>

```

Description Source class usage (SCU) statistics

<src-information>**Usage**

```

<src-information>
  <src-chassis-name>
    src-chassis-name
  </src-chassis-name>
  <src-fpc>
    src-fpc
  </src-fpc>
  <src-pfe-id>
    src-pfe-id
  </src-pfe-id>
</src-information>

```

Description**<src-information>****Usage**

```

<physical-interface>
  <src-information>
    <src-chassis-name>
      src-chassis-name
    </src-chassis-name>
    <src-fpc>
      src-fpc
    </src-fpc>
    <src-pfe-id>
      src-pfe-id
    </src-pfe-id>
  </src-information>
</physical-interface>

```

Description

<src-information>

Usage

```
<interface-information>
  <physical-interface>
    <src-information>
      <src-chassis-name>
        src-chassis-name
      </src-chassis-name>
      <src-fpc>
        src-fpc
      </src-fpc>
      <src-pfe-id>
        src-pfe-id
      </src-pfe-id>
    </src-information>
  </physical-interface>
</interface-information>
```

Description

<src-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <src-information>
      <src-chassis-name>
        src-chassis-name
      </src-chassis-name>
      <src-fpc>
        src-fpc
      </src-fpc>
      <src-pfe-id>
        src-pfe-id
      </src-pfe-id>
    </src-information>
  </physical-interface>
</interface-filter-information>
```

Description

<src-information>

Usage

```
<interface-policer-information>
  <physical-interface>
    <src-information>
      <src-chassis-name>
        src-chassis-name
      </src-chassis-name>
      <src-fpc>
        src-fpc
      </src-fpc>
```

```

    <src-pfe-id>
      src-pfe-id
    </src-pfe-id>
  </src-information>
</physical-interface>
</interface-policer-information>

```

Description

<stp-traffic-statistics>

Usage

```

<stp-traffic-statistics>
  <stp-input-bytes-dropped>
    stp-input-bytes-dropped
  </stp-input-bytes-dropped>
  <stp-output-bytes-dropped>
    stp-output-bytes-dropped
  </stp-output-bytes-dropped>
  <stp-input-packets-dropped>
    stp-input-packets-dropped
  </stp-input-packets-dropped>
  <stp-output-packets-dropped>
    stp-output-packets-dropped
  </stp-output-packets-dropped>
</stp-traffic-statistics>

```

Description

<stp-traffic-statistics>

Usage

```

<physical-interface>
  <stp-traffic-statistics>
    <stp-input-bytes-dropped>
      stp-input-bytes-dropped
    </stp-input-bytes-dropped>
    <stp-output-bytes-dropped>
      stp-output-bytes-dropped
    </stp-output-bytes-dropped>
    <stp-input-packets-dropped>
      stp-input-packets-dropped
    </stp-input-packets-dropped>
    <stp-output-packets-dropped>
      stp-output-packets-dropped
    </stp-output-packets-dropped>
  </stp-traffic-statistics>
</physical-interface>

```

Description

<stp-traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <stp-traffic-statistics>
      <stp-input-bytes-dropped>
        stp-input-bytes-dropped
      </stp-input-bytes-dropped>
      <stp-output-bytes-dropped>
        stp-output-bytes-dropped
      </stp-output-bytes-dropped>
      <stp-input-packets-dropped>
        stp-input-packets-dropped
      </stp-input-packets-dropped>
      <stp-output-packets-dropped>
        stp-output-packets-dropped
      </stp-output-packets-dropped>
    </stp-traffic-statistics>
  </physical-interface>
</interface-information>
```

Description

<stp-traffic-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <stp-traffic-statistics>
      <stp-input-bytes-dropped>
        stp-input-bytes-dropped
      </stp-input-bytes-dropped>
      <stp-output-bytes-dropped>
        stp-output-bytes-dropped
      </stp-output-bytes-dropped>
      <stp-input-packets-dropped>
        stp-input-packets-dropped
      </stp-input-packets-dropped>
      <stp-output-packets-dropped>
        stp-output-packets-dropped
      </stp-output-packets-dropped>
    </stp-traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description

<stp-traffic-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <stp-traffic-statistics>
```



```

<stp-input-bytes-dropped>
  stp-input-bytes-dropped
</stp-input-bytes-dropped>
<stp-output-bytes-dropped>
  stp-output-bytes-dropped
</stp-output-bytes-dropped>
<stp-input-packets-dropped>
  stp-input-packets-dropped
</stp-input-packets-dropped>
<stp-output-packets-dropped>
  stp-output-packets-dropped
</stp-output-packets-dropped>
</stp-traffic-statistics>
</physical-interface>
</interface-policer-information>

```

Description

<sub-interface-list>

Usage

```

<sub-interface-list>
  <sub-interface-name>
    sub-interface-name
  </sub-interface-name>
</sub-interface-list>

```

Description

<sub-interface-list>

Usage

```

<dialer-interface>
  <sub-interface-list>
    <sub-interface-name>
      sub-interface-name
    </sub-interface-name>
  </sub-interface-list>
</dialer-interface>

```

Description

<sub-interface-list>

Usage

```

<dialer-interface-information>
  <dialer-interface>
    <sub-interface-list>
      <sub-interface-name>
        sub-interface-name
      </sub-interface-name>
    </sub-interface-list>
  </dialer-interface>

```

```
</dialer-interface-information>
```

Description

<sub-interface-list>

Usage

```
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <sub-interface-list>
        <sub-interface-name>
          sub-interface-name
        </sub-interface-name>
      </sub-interface-list>
    </dialer-interface>
  </dialer-information>
</logical-interface>
```

Description

<sub-interface-list>

Usage

```
<physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <sub-interface-list>
          <sub-interface-name>
            sub-interface-name
          </sub-interface-name>
        </sub-interface-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</physical-interface>
```

Description

<sub-interface-list>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <sub-interface-list>
            <sub-interface-name>
              sub-interface-name
            </sub-interface-name>
          </sub-interface-list>
        </dialer-interface>
```

```

        </dialer-information>
    </logical-interface>
</physical-interface>
</interface-information>

```

Description

<sub-interface-list>

Usage

```

<interface-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <sub-interface-list>
          <sub-interface-name>
            sub-interface-name
          </sub-interface-name>
        </sub-interface-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-information>

```

Description

<sub-interface-list>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <sub-interface-list>
            <sub-interface-name>
              sub-interface-name
            </sub-interface-name>
          </sub-interface-list>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description

<sub-interface-list>

Usage

```

<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>

```

```
<sub-interface-list>
  <sub-interface-name>
    sub-interface-name
  </sub-interface-name>
</sub-interface-list>
</dialer-interface>
</dialer-information>
</logical-interface>
</interface-filter-information>
```

Description

<sub-interface-list>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <sub-interface-list>
        <sub-interface-name>
          sub-interface-name
        </sub-interface-name>
      </sub-interface-list>
    </dialer-interface>
  </dialer-information>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<sub-interface-list>

Usage

```
<interface-policer-information>
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <sub-interface-list>
        <sub-interface-name>
          sub-interface-name
        </sub-interface-name>
      </sub-interface-list>
    </dialer-interface>
  </dialer-information>
</logical-interface>
</interface-policer-information>
```

Description

<to-dce>**Usage**

```

<serial-information>
  <eia530-control-signal>
    <to-dce>
      <dtr>
        dtr
      </dtr>
      <rts>
        rts
      </rts>
      <cts>
        cts
      </cts>
      <dcd>
        dcd
      </dcd>
      <dsr>
        dsr
      </dsr>
    </to-dce>
  </eia530-control-signal>
</serial-information>

```

Description**<to-dce>****Usage**

```

<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <to-dce>
        <dtr>
          dtr
        </dtr>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
        <dcd>
          dcd
        </dcd>
        <dsr>
          dsr
        </dsr>
      </to-dce>
    </eia530-control-signal>
  </serial-information>
</physical-interface>

```

Description**<to-dce>****Usage**

```
<interface-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <to-dce>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
        </to-dce>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description**<to-dce>****Usage**

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <to-dce>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
        </to-dce>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

```

    </dsr>
  </to-dce>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-filter-information>

```

Description

<to-dce>

Usage

```

<interface-policer-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <to-dce>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
        </to-dce>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-policer-information>

```

Description

<to-dte>

Usage

```

<serial-information>
  <eia530-control-signal>
    <to-dte>
      <dtr>
        dtr
      </dtr>
      <rts>
        rts
      </rts>
      <cts>
        cts

```

```
</cts>
<dcd>
  dcd
</dcd>
<dsr>
  dsr
</dsr>
</to-dte>
</eia530-control-signal>
</serial-information>
```

Description

<to-dte>

Usage

```
<physical-interface>
<serial-information>
  <eia530-control-signal>
    <to-dte>
      <dtr>
        dtr
      </dtr>
      <rts>
        rts
      </rts>
      <cts>
        cts
      </cts>
      <dcd>
        dcd
      </dcd>
      <dsr>
        dsr
      </dsr>
    </to-dte>
  </eia530-control-signal>
</serial-information>
</physical-interface>
```

Description

<to-dte>

Usage

```
<interface-information>
<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <to-dte>
        <dtr>
          dtr
        </dtr>
        <rts>
```



```

    rts
  </rts>
  <cts>
    cts
  </cts>
  <dcd>
    dcd
  </dcd>
  <dsr>
    dsr
  </dsr>
</to-dte>
</eia530-control-signal>
</serial-information>
</physical-interface>
</interface-information>

```

Description**<to-dte>****Usage**

```

<interface-filter-information>
  <physical-interface>
    <serial-information>
      <eia530-control-signal>
        <to-dte>
          <dtr>
            dtr
          </dtr>
          <rts>
            rts
          </rts>
          <cts>
            cts
          </cts>
          <dcd>
            dcd
          </dcd>
          <dsr>
            dsr
          </dsr>
        </to-dte>
      </eia530-control-signal>
    </serial-information>
  </physical-interface>
</interface-filter-information>

```

Description**<to-dte>****Usage**

```

<interface-policer-information>

```

```
<physical-interface>
  <serial-information>
    <eia530-control-signal>
      <to-dte>
        <dtr>
          dtr
        </dtr>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
        <dcd>
          dcd
        </dcd>
        <dsr>
          dsr
        </dsr>
      </to-dte>
    </eia530-control-signal>
  </serial-information>
</physical-interface>
</interface-policer-information>
```

Description

<traffic-statistics>

Usage

```
<traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
```

```

    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>

```

Description

<traffic-statistics>

Usage

```

<virtual-circuit-information>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</virtual-circuit-information>

```

Description

<traffic-statistics>

Usage

```

<virtual-path-information>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>

```

```
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
  <ipv6-transit-statistics>....</ipv6-transit-statistics>
  <ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</virtual-path-information>
```

Description

<traffic-statistics>

Usage

```
<logical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
```

```

    </traffic-statistics>
  </logical-interface>

```

Description

<traffic-statistics>

Usage

```

<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
      <ipv6-transit-statistics>....</ipv6-transit-statistics>
      <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
  </virtual-circuit-information>
</logical-interface>

```

Description

<traffic-statistics>

Usage

```

<physical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
  </traffic-statistics>
</physical-interface>

```

```
<input-bps>
  input-bps
</input-bps>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</physical-interface>
```

Description

<traffic-statistics>

Usage

```
<physical-interface>
<virtual-path-information>
<traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
```

```

        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
</virtual-path-information>
</physical-interface>

```

Description

<traffic-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</physical-interface>

```

Description

<traffic-statistics>

Usage

```

<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <input-bytes>

```

```
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
  <ipv6-transit-statistics>....</ipv6-transit-statistics>
  <ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description

<traffic-statistics>

Usage

```
<interface-set>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
```



```

<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</interface-set>

```

Description

<traffic-statistics>

Usage

```

<interface-information>
<physical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</physical-interface>
</interface-information>

```

Description

<traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-pps>
          output-pps
        </output-pps>
        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-information>
```

Description

<traffic-statistics>

Usage

```
<interface-information>
  <physical-interface>
    <logical-interface>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
```

```

</input-bps>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>

```

Description

<traffic-statistics>

Usage

```

<interface-information>
<physical-interface>
<logical-interface>
<virtual-circuit-information>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>

```

```
        output-pps
      </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description

<traffic-statistics>

Usage

```
<interface-information>
<logical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</interface-information>
```

Description

<traffic-statistics>

Usage

```
<interface-information>
```

```

<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
      <ipv6-transit-statistics>....</ipv6-transit-statistics>
      <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
  </virtual-circuit-information>
</logical-interface>
</interface-information>

```

Description

<traffic-statistics>

Usage

```

<interface-information>
  <interface-set>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>

```

```
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
  <ipv6-transit-statistics>....</ipv6-transit-statistics>
  <ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</interface-set>
</interface-information>
```

Description

<traffic-statistics>

Usage

```
<interface-filter-information>
  <physical-interface>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
      <ipv6-transit-statistics>....</ipv6-transit-statistics>
      <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
  </physical-interface>
</interface-filter-information>
```

Description

<traffic-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <virtual-path-information>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-pps>
          output-pps
        </output-pps>
        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
      </traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-filter-information>

```

Description

<traffic-statistics>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>

```

```
<input-bps>
  input-bps
</input-bps>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description

<traffic-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
```



```

        </input-pps>
        <output-pps>
            output-pps
        </output-pps>
        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description

<traffic-statistics>

Usage

```

<interface-filter-information>
<logical-interface>
  <traffic-statistics>
    <input-bytes>
        input-bytes
    </input-bytes>
    <output-bytes>
        output-bytes
    </output-bytes>
    <input-bps>
        input-bps
    </input-bps>
    <output-bps>
        output-bps
    </output-bps>
    <input-packets>
        input-packets
    </input-packets>
    <output-packets>
        output-packets
    </output-packets>
    <input-pps>
        input-pps
    </input-pps>
    <output-pps>
        output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</interface-filter-information>

```

Description

<traffic-statistics>

Usage

```
<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-pps>
          output-pps
        </output-pps>
        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
      </traffic-statistics>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>
```

Description

<traffic-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
```

```

<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</physical-interface>
</interface-policer-information>

```

Description

<traffic-statistics>

Usage

```

<interface-policer-information>
<physical-interface>
<virtual-path-information>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
  </traffic-statistics>
</virtual-path-information>
</physical-interface>
</interface-policer-information>

```

```
<ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</virtual-path-information>
</physical-interface>
</interface-policer-information>
```

Description

<traffic-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
<logical-interface>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</logical-interface>
</physical-interface>
</interface-policer-information>
```

Description

<traffic-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
```

```

<virtual-circuit-information>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </traffic-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<traffic-statistics>

Usage

```

<interface-policer-information>
  <logical-interface>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>

```

```
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
  <ipv6-transit-statistics>....</ipv6-transit-statistics>
  <ipv6-total-statistics>....</ipv6-total-statistics>
</traffic-statistics>
</logical-interface>
</interface-policer-information>
```

Description

<traffic-statistics>

Usage

```
<interface-policer-information>
<logical-interface>
  <virtual-circuit-information>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
      <ipv6-transit-statistics>....</ipv6-transit-statistics>
      <ipv6-total-statistics>....</ipv6-total-statistics>
    </traffic-statistics>
  </virtual-circuit-information>
</logical-interface>
```

```
</interface-policer-information>
```

Description

```
<transit-traffic-statistics>
```

Usage

```
<transit-traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
  <ipv6-transit-statistics>....</ipv6-transit-statistics>
  <ipv6-total-statistics>....</ipv6-total-statistics>
</transit-traffic-statistics>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

```
<transit-traffic-statistics>
```

Usage

```
<logical-interface>
  <transit-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
```

```
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</transit-traffic-statistics>
</logical-interface>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<physical-interface>
<logical-interface>
  <transit-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </transit-traffic-statistics>
</logical-interface>
```



```
</physical-interface>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <transit-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </transit-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-information>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<interface-information>
<logical-interface>
  <transit-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
```

```
<output-bytes>
  output-bytes
</output-bytes>
<input-bps>
  input-bps
</input-bps>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</transit-traffic-statistics>
</logical-interface>
</interface-information>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<interface-filter-information>
<physical-interface>
<logical-interface>
  <transit-traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-bps>
      input-bps
    </input-bps>
    <output-bps>
      output-bps
    </output-bps>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
```

```

    <input-pps>
      input-pps
    </input-pps>
    <output-pps>
      output-pps
    </output-pps>
    <ipv6-transit-statistics>....</ipv6-transit-statistics>
    <ipv6-total-statistics>....</ipv6-total-statistics>
  </transit-traffic-statistics>
</logical-interface>
</physical-interface>
</interface-filter-information>

```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```

<interface-filter-information>
  <logical-interface>
    <transit-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
      </input-bps>
      <output-bps>
        output-bps
      </output-bps>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-pps>
        input-pps
      </input-pps>
      <output-pps>
        output-pps
      </output-pps>
      <ipv6-transit-statistics>....</ipv6-transit-statistics>
      <ipv6-total-statistics>....</ipv6-total-statistics>
    </transit-traffic-statistics>
  </logical-interface>
</interface-filter-information>

```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <transit-traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-bps>
          input-bps
        </input-bps>
        <output-bps>
          output-bps
        </output-bps>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
        <input-pps>
          input-pps
        </input-pps>
        <output-pps>
          output-pps
        </output-pps>
        <ipv6-transit-statistics>....</ipv6-transit-statistics>
        <ipv6-total-statistics>....</ipv6-total-statistics>
      </transit-traffic-statistics>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description Statistics for traffic passing through the Packet Forwarding Engine

<transit-traffic-statistics>

Usage

```
<interface-policer-information>
  <logical-interface>
    <transit-traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-bps>
        input-bps
```

```

</input-bps>
<output-bps>
  output-bps
</output-bps>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-pps>
  input-pps
</input-pps>
<output-pps>
  output-pps
</output-pps>
<ipv6-transit-statistics>....</ipv6-transit-statistics>
<ipv6-total-statistics>....</ipv6-total-statistics>
</transit-traffic-statistics>
</logical-interface>
</interface-policer-information>

```

Description Statistics for traffic passing through the Packet Forwarding Engine

<tx-clock>

Usage

```

<serial-information>
  <tx-clock>
    <tx-clock-mode>
      tx-clock-mode
    </tx-clock-mode>
  </tx-clock>
</serial-information>

```

Description

<tx-clock>

Usage

```

<physical-interface>
  <serial-information>
    <tx-clock>
      <tx-clock-mode>
        tx-clock-mode
      </tx-clock-mode>
    </tx-clock>
  </serial-information>
</physical-interface>

```

Description

<tx-clock>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <tx-clock>
        <tx-clock-mode>
          tx-clock-mode
        </tx-clock-mode>
      </tx-clock>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<tx-clock>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <tx-clock>
        <tx-clock-mode>
          tx-clock-mode
        </tx-clock-mode>
      </tx-clock>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<tx-clock>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <tx-clock>
        <tx-clock-mode>
          tx-clock-mode
        </tx-clock-mode>
      </tx-clock>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<vci-range>**Usage**

```

<virtual-circuit-information>
  <vci-range>
    <vpi>
      vpi
    </vpi>
    <start-vci>
      start-vci
    </start-vci>
    <end-vci>
      end-vci
    </end-vci>
  </vci-range>
</virtual-circuit-information>

```

Description ATM VCI range

<vci-range>**Usage**

```

<logical-interface>
  <virtual-circuit-information>
    <vci-range>
      <vpi>
        vpi
      </vpi>
      <start-vci>
        start-vci
      </start-vci>
      <end-vci>
        end-vci
      </end-vci>
    </vci-range>
  </virtual-circuit-information>
</logical-interface>

```

Description ATM VCI range

<vci-range>**Usage**

```

<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <vci-range>
        <vpi>
          vpi
        </vpi>
        <start-vci>
          start-vci

```

```
</start-vci>
<end-vci>
  end-vci
</end-vci>
</vci-range>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description ATM VCI range

<vci-range>

Usage

```
<interface-information>
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <vci-range>
      <vpi>
        vpi
      </vpi>
      <start-vci>
        start-vci
      </start-vci>
      <end-vci>
        end-vci
      </end-vci>
    </vci-range>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>
```

Description ATM VCI range

<vci-range>

Usage

```
<interface-information>
<logical-interface>
  <virtual-circuit-information>
    <vci-range>
      <vpi>
        vpi
      </vpi>
      <start-vci>
        start-vci
      </start-vci>
      <end-vci>
        end-vci
      </end-vci>
    </vci-range>
```



```

    </virtual-circuit-information>
  </logical-interface>
</interface-information>

```

Description ATM VCI range

<vci-range>

Usage

```

<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <vci-range>
          <vpi>
            vpi
          </vpi>
          <start-vci>
            start-vci
          </start-vci>
          <end-vci>
            end-vci
          </end-vci>
        </vci-range>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>

```

Description ATM VCI range

<vci-range>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <vci-range>
        <vpi>
          vpi
        </vpi>
        <start-vci>
          start-vci
        </start-vci>
        <end-vci>
          end-vci
        </end-vci>
      </vci-range>
    </virtual-circuit-information>
  </logical-interface>
</interface-filter-information>

```

Description ATM VCI range

<vci-range>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <virtual-circuit-information>
        <vci-range>
          <vpi>
            vpi
          </vpi>
          <start-vci>
            start-vci
          </start-vci>
          <end-vci>
            end-vci
          </end-vci>
        </vci-range>
      </virtual-circuit-information>
    </logical-interface>
  </physical-interface>
</interface-policer-information>
```

Description ATM VCI range

<vci-range>

Usage

```
<interface-policer-information>
  <logical-interface>
    <virtual-circuit-information>
      <vci-range>
        <vpi>
          vpi
        </vpi>
        <start-vci>
          start-vci
        </start-vci>
        <end-vci>
          end-vci
        </end-vci>
      </vci-range>
    </virtual-circuit-information>
  </logical-interface>
</interface-policer-information>
```

Description ATM VCI range

<vdsl-chipset-information>**Usage**

```

<vdsl-information>
  <vdsl-chipset-information>
    <vtu-r-vendor-id>
      vtu-r-vendor-id
    </vtu-r-vendor-id>
    <vtu-c-vendor-id>
      vtu-c-vendor-id
    </vtu-c-vendor-id>
    <vtu-r-vendor-specific>
      vtu-r-vendor-specific
    </vtu-r-vendor-specific>
    <vtu-c-vendor-specific>
      vtu-c-vendor-specific
    </vtu-c-vendor-specific>
    <vtu-r-country-code>
      vtu-r-country-code
    </vtu-r-country-code>
    <vtu-c-country-code>
      vtu-c-country-code
    </vtu-c-country-code>
  </vdsl-chipset-information>
</vdsl-information>

```

Description**<vdsl-chipset-information>****Usage**

```

<physical-interface>
  <vdsl-information>
    <vdsl-chipset-information>
      <vtu-r-vendor-id>
        vtu-r-vendor-id
      </vtu-r-vendor-id>
      <vtu-c-vendor-id>
        vtu-c-vendor-id
      </vtu-c-vendor-id>
      <vtu-r-vendor-specific>
        vtu-r-vendor-specific
      </vtu-r-vendor-specific>
      <vtu-c-vendor-specific>
        vtu-c-vendor-specific
      </vtu-c-vendor-specific>
      <vtu-r-country-code>
        vtu-r-country-code
      </vtu-r-country-code>
      <vtu-c-country-code>
        vtu-c-country-code
      </vtu-c-country-code>
    </vdsl-chipset-information>
  </vdsl-information>

```

</physical-interface>

Description

<vdsl-chipset-information>

Usage

```
<interface-information>
  <physical-interface>
    <vdsl-information>
      <vdsl-chipset-information>
        <vtu-r-vendor-id>
          vtu-r-vendor-id
        </vtu-r-vendor-id>
        <vtu-c-vendor-id>
          vtu-c-vendor-id
        </vtu-c-vendor-id>
        <vtu-r-vendor-specific>
          vtu-r-vendor-specific
        </vtu-r-vendor-specific>
        <vtu-c-vendor-specific>
          vtu-c-vendor-specific
        </vtu-c-vendor-specific>
        <vtu-r-country-code>
          vtu-r-country-code
        </vtu-r-country-code>
        <vtu-c-country-code>
          vtu-c-country-code
        </vtu-c-country-code>
      </vdsl-chipset-information>
    </vdsl-information>
  </physical-interface>
</interface-information>
```

Description

<vdsl-chipset-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <vdsl-information>
      <vdsl-chipset-information>
        <vtu-r-vendor-id>
          vtu-r-vendor-id
        </vtu-r-vendor-id>
        <vtu-c-vendor-id>
          vtu-c-vendor-id
        </vtu-c-vendor-id>
        <vtu-r-vendor-specific>
          vtu-r-vendor-specific
        </vtu-r-vendor-specific>
        <vtu-c-vendor-specific>
          vtu-c-vendor-specific

```

```

</vtu-c-vendor-specific>
<vtu-r-country-code>
  vtu-r-country-code
</vtu-r-country-code>
<vtu-c-country-code>
  vtu-c-country-code
</vtu-c-country-code>
</vdsl-chipset-information>
</vdsl-information>
</physical-interface>
</interface-filter-information>

```

Description

<vdsl-chipset-information>

Usage

```

<interface-policer-information>
<physical-interface>
<vdsl-information>
  <vdsl-chipset-information>
    <vtu-r-vendor-id>
      vtu-r-vendor-id
    </vtu-r-vendor-id>
    <vtu-c-vendor-id>
      vtu-c-vendor-id
    </vtu-c-vendor-id>
    <vtu-r-vendor-specific>
      vtu-r-vendor-specific
    </vtu-r-vendor-specific>
    <vtu-c-vendor-specific>
      vtu-c-vendor-specific
    </vtu-c-vendor-specific>
    <vtu-r-country-code>
      vtu-r-country-code
    </vtu-r-country-code>
    <vtu-c-country-code>
      vtu-c-country-code
    </vtu-c-country-code>
  </vdsl-chipset-information>
</vdsl-information>
</physical-interface>
</interface-policer-information>

```

Description

<vdsl-information>

Usage

```

<vdsl-information>
<vdsl-line-status>
  vdsl-line-status
</vdsl-line-status>
<vdsl-line-profile-type>

```

```
    vdsl-line-profile-type
  </vdsl-line-profile-type>
  <vdsl-line-type>
    vdsl-line-type
  </vdsl-line-type>
  <vdsl-annex-type>
    vdsl-annex-type
  </vdsl-annex-type>
  <vdsl-last-fail-code>
    vdsl-last-fail-code
  </vdsl-last-fail-code>
  <vdsl-subfunction>
    vdsl-subfunction
  </vdsl-subfunction>
  <vdsl-seconds-in-showtime>
    vdsl-seconds-in-showtime
  </vdsl-seconds-in-showtime>
  <vdsl-chipset-information>....</vdsl-chipset-information>
  <vdsl-statistics>....</vdsl-statistics>
</vdsl-information>
```

Description Operational information and statistics for VDSL interfaces

<vdsl-information>

Usage

```
<physical-interface>
  <vdsl-information>
    <vdsl-line-status>
      vdsl-line-status
    </vdsl-line-status>
    <vdsl-line-profile-type>
      vdsl-line-profile-type
    </vdsl-line-profile-type>
    <vdsl-line-type>
      vdsl-line-type
    </vdsl-line-type>
    <vdsl-annex-type>
      vdsl-annex-type
    </vdsl-annex-type>
    <vdsl-last-fail-code>
      vdsl-last-fail-code
    </vdsl-last-fail-code>
    <vdsl-subfunction>
      vdsl-subfunction
    </vdsl-subfunction>
    <vdsl-seconds-in-showtime>
      vdsl-seconds-in-showtime
    </vdsl-seconds-in-showtime>
    <vdsl-chipset-information>....</vdsl-chipset-information>
    <vdsl-statistics>....</vdsl-statistics>
  </vdsl-information>
</physical-interface>
```

Description Operational information and statistics for VDSL interfaces

<vdsl-information>

Usage

```
<interface-information>
  <physical-interface>
    <vdsl-information>
      <vdsl-line-status>
        vdsl-line-status
      </vdsl-line-status>
      <vdsl-line-profile-type>
        vdsl-line-profile-type
      </vdsl-line-profile-type>
      <vdsl-line-type>
        vdsl-line-type
      </vdsl-line-type>
      <vdsl-annex-type>
        vdsl-annex-type
      </vdsl-annex-type>
      <vdsl-last-fail-code>
        vdsl-last-fail-code
      </vdsl-last-fail-code>
      <vdsl-subfunction>
        vdsl-subfunction
      </vdsl-subfunction>
      <vdsl-seconds-in-showtime>
        vdsl-seconds-in-showtime
      </vdsl-seconds-in-showtime>
      <vdsl-chipset-information>....</vdsl-chipset-information>
      <vdsl-statistics>....</vdsl-statistics>
    </vdsl-information>
  </physical-interface>
</interface-information>
```

Description Operational information and statistics for VDSL interfaces

<vdsl-information>

Usage

```
<interface-filter-information>
  <physical-interface>
    <vdsl-information>
      <vdsl-line-status>
        vdsl-line-status
      </vdsl-line-status>
      <vdsl-line-profile-type>
        vdsl-line-profile-type
      </vdsl-line-profile-type>
      <vdsl-line-type>
        vdsl-line-type
      </vdsl-line-type>
      <vdsl-annex-type>
        vdsl-annex-type
```

```
</vdsl-annex-type>
<vdsl-last-fail-code>
  vdsl-last-fail-code
</vdsl-last-fail-code>
<vdsl-subfunction>
  vdsl-subfunction
</vdsl-subfunction>
<vdsl-seconds-in-showtime>
  vdsl-seconds-in-showtime
</vdsl-seconds-in-showtime>
<vdsl-chipset-information>....</vdsl-chipset-information>
<vdsl-statistics>....</vdsl-statistics>
</vdsl-information>
</physical-interface>
</interface-filter-information>
```

Description Operational information and statistics for VDSL interfaces

<vdsl-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <vdsl-information>
    <vdsl-line-status>
      vdsl-line-status
    </vdsl-line-status>
    <vdsl-line-profile-type>
      vdsl-line-profile-type
    </vdsl-line-profile-type>
    <vdsl-line-type>
      vdsl-line-type
    </vdsl-line-type>
    <vdsl-annex-type>
      vdsl-annex-type
    </vdsl-annex-type>
    <vdsl-last-fail-code>
      vdsl-last-fail-code
    </vdsl-last-fail-code>
    <vdsl-subfunction>
      vdsl-subfunction
    </vdsl-subfunction>
    <vdsl-seconds-in-showtime>
      vdsl-seconds-in-showtime
    </vdsl-seconds-in-showtime>
    <vdsl-chipset-information>....</vdsl-chipset-information>
    <vdsl-statistics>....</vdsl-statistics>
  </vdsl-information>
</physical-interface>
</interface-policer-information>
```

Description Operational information and statistics for VDSL interfaces

<vdsl-statistics>

Usage

```

<vdsl-information>
  <vdsl-statistics>
    <vdsl-near-end-attainable-bitrate>
      vdsl-near-end-attainable-bitrate
    </vdsl-near-end-attainable-bitrate>
    <vdsl-far-end-attainable-bitrate>
      vdsl-far-end-attainable-bitrate
    </vdsl-far-end-attainable-bitrate>
    <vdsl-near-end-attenuation>
      vdsl-near-end-attenuation
    </vdsl-near-end-attenuation>
    <vdsl-far-end-attenuation>
      vdsl-far-end-attenuation
    </vdsl-far-end-attenuation>
    <vdsl-near-end-capacity-used>
      vdsl-near-end-capacity-used
    </vdsl-near-end-capacity-used>
    <vdsl-far-end-capacity-used>
      vdsl-far-end-capacity-used
    </vdsl-far-end-capacity-used>
    <vdsl-near-end-noise-margin>
      vdsl-near-end-noise-margin
    </vdsl-near-end-noise-margin>
    <vdsl-far-end-noise-margin>
      vdsl-far-end-noise-margin
    </vdsl-far-end-noise-margin>
    <vdsl-near-end-output-power>
      vdsl-near-end-output-power
    </vdsl-near-end-output-power>
    <vdsl-far-end-output-power>
      vdsl-far-end-output-power
    </vdsl-far-end-output-power>
    <vdsl-near-end-interleaved-bitrate>
      vdsl-near-end-interleaved-bitrate
    </vdsl-near-end-interleaved-bitrate>
    <vdsl-near-end-fast-bitrate>
      vdsl-near-end-fast-bitrate
    </vdsl-near-end-fast-bitrate>
    <vdsl-far-end-interleaved-bitrate>
      vdsl-far-end-interleaved-bitrate
    </vdsl-far-end-interleaved-bitrate>
    <vdsl-far-end-fast-bitrate>
      vdsl-far-end-fast-bitrate
    </vdsl-far-end-fast-bitrate>
    <vdsl-near-end-interleaved-crc>
      vdsl-near-end-interleaved-crc
    </vdsl-near-end-interleaved-crc>
    <vdsl-near-end-fast-crc>
      vdsl-near-end-fast-crc
    </vdsl-near-end-fast-crc>
    <vdsl-far-end-interleaved-crc>
      vdsl-far-end-interleaved-crc

```

```
</vdsl-far-end-interleaved-crc>
<vdsl-far-end-fast-crc>
  vdsl-far-end-fast-crc
</vdsl-far-end-fast-crc>
<vdsl-near-end-interleaved-hec>
  vdsl-near-end-interleaved-hec
</vdsl-near-end-interleaved-hec>
<vdsl-near-end-fast-hec>
  vdsl-near-end-fast-hec
</vdsl-near-end-fast-hec>
<vdsl-far-end-interleaved-hec>
  vdsl-far-end-interleaved-hec
</vdsl-far-end-interleaved-hec>
<vdsl-far-end-fast-hec>
  vdsl-far-end-fast-hec
</vdsl-far-end-fast-hec>
<vdsl-near-end-interleaved-fec>
  vdsl-near-end-interleaved-fec
</vdsl-near-end-interleaved-fec>
<vdsl-near-end-fast-fec>
  vdsl-near-end-fast-fec
</vdsl-near-end-fast-fec>
<vdsl-far-end-interleaved-fec>
  vdsl-far-end-interleaved-fec
</vdsl-far-end-interleaved-fec>
<vdsl-far-end-fast-fec>
  vdsl-far-end-fast-fec
</vdsl-far-end-fast-fec>
<vdsl-near-end-interleaved-rx-cells>
  vdsl-near-end-interleaved-rx-cells
</vdsl-near-end-interleaved-rx-cells>
<vdsl-near-end-fast-rx-cells>
  vdsl-near-end-fast-rx-cells
</vdsl-near-end-fast-rx-cells>
<vdsl-near-end-interleaved-tx-cells>
  vdsl-near-end-interleaved-tx-cells
</vdsl-near-end-interleaved-tx-cells>
<vdsl-near-end-fast-tx-cells>
  vdsl-near-end-fast-tx-cells
</vdsl-near-end-fast-tx-cells>
</vdsl-statistics>
</vdsl-information>
```

Description

<vdsl-statistics>

Usage

```
<physical-interface>
<vdsl-information>
  <vdsl-statistics>
    <vdsl-near-end-attainable-bitrate>
      vdsl-near-end-attainable-bitrate
    </vdsl-near-end-attainable-bitrate>
    <vdsl-far-end-attainable-bitrate>
```

```
    vdsl-far-end-attainable-bitrate
  </vdsl-far-end-attainable-bitrate>
  <vdsl-near-end-attenuation>
    vdsl-near-end-attenuation
  </vdsl-near-end-attenuation>
  <vdsl-far-end-attenuation>
    vdsl-far-end-attenuation
  </vdsl-far-end-attenuation>
  <vdsl-near-end-capacity-used>
    vdsl-near-end-capacity-used
  </vdsl-near-end-capacity-used>
  <vdsl-far-end-capacity-used>
    vdsl-far-end-capacity-used
  </vdsl-far-end-capacity-used>
  <vdsl-near-end-noise-margin>
    vdsl-near-end-noise-margin
  </vdsl-near-end-noise-margin>
  <vdsl-far-end-noise-margin>
    vdsl-far-end-noise-margin
  </vdsl-far-end-noise-margin>
  <vdsl-near-end-output-power>
    vdsl-near-end-output-power
  </vdsl-near-end-output-power>
  <vdsl-far-end-output-power>
    vdsl-far-end-output-power
  </vdsl-far-end-output-power>
  <vdsl-near-end-interleaved-bitrate>
    vdsl-near-end-interleaved-bitrate
  </vdsl-near-end-interleaved-bitrate>
  <vdsl-near-end-fast-bitrate>
    vdsl-near-end-fast-bitrate
  </vdsl-near-end-fast-bitrate>
  <vdsl-far-end-interleaved-bitrate>
    vdsl-far-end-interleaved-bitrate
  </vdsl-far-end-interleaved-bitrate>
  <vdsl-far-end-fast-bitrate>
    vdsl-far-end-fast-bitrate
  </vdsl-far-end-fast-bitrate>
  <vdsl-near-end-interleaved-crc>
    vdsl-near-end-interleaved-crc
  </vdsl-near-end-interleaved-crc>
  <vdsl-near-end-fast-crc>
    vdsl-near-end-fast-crc
  </vdsl-near-end-fast-crc>
  <vdsl-far-end-interleaved-crc>
    vdsl-far-end-interleaved-crc
  </vdsl-far-end-interleaved-crc>
  <vdsl-far-end-fast-crc>
    vdsl-far-end-fast-crc
  </vdsl-far-end-fast-crc>
  <vdsl-near-end-interleaved-hec>
    vdsl-near-end-interleaved-hec
  </vdsl-near-end-interleaved-hec>
  <vdsl-near-end-fast-hec>
    vdsl-near-end-fast-hec
  </vdsl-near-end-fast-hec>
```

```
<vdsl-far-end-interleaved-hec>
  vdsl-far-end-interleaved-hec
</vdsl-far-end-interleaved-hec>
<vdsl-far-end-fast-hec>
  vdsl-far-end-fast-hec
</vdsl-far-end-fast-hec>
<vdsl-near-end-interleaved-fec>
  vdsl-near-end-interleaved-fec
</vdsl-near-end-interleaved-fec>
<vdsl-near-end-fast-fec>
  vdsl-near-end-fast-fec
</vdsl-near-end-fast-fec>
<vdsl-far-end-interleaved-fec>
  vdsl-far-end-interleaved-fec
</vdsl-far-end-interleaved-fec>
<vdsl-far-end-fast-fec>
  vdsl-far-end-fast-fec
</vdsl-far-end-fast-fec>
<vdsl-near-end-interleaved-rx-cells>
  vdsl-near-end-interleaved-rx-cells
</vdsl-near-end-interleaved-rx-cells>
<vdsl-near-end-fast-rx-cells>
  vdsl-near-end-fast-rx-cells
</vdsl-near-end-fast-rx-cells>
<vdsl-near-end-interleaved-tx-cells>
  vdsl-near-end-interleaved-tx-cells
</vdsl-near-end-interleaved-tx-cells>
<vdsl-near-end-fast-tx-cells>
  vdsl-near-end-fast-tx-cells
</vdsl-near-end-fast-tx-cells>
</vdsl-statistics>
</vdsl-information>
</physical-interface>
```

Description

<vdsl-statistics>

Usage

```
<interface-information>
<physical-interface>
  <vdsl-information>
    <vdsl-statistics>
      <vdsl-near-end-attainable-bitrate>
        vdsl-near-end-attainable-bitrate
      </vdsl-near-end-attainable-bitrate>
      <vdsl-far-end-attainable-bitrate>
        vdsl-far-end-attainable-bitrate
      </vdsl-far-end-attainable-bitrate>
      <vdsl-near-end-attenuation>
        vdsl-near-end-attenuation
      </vdsl-near-end-attenuation>
      <vdsl-far-end-attenuation>
        vdsl-far-end-attenuation
      </vdsl-far-end-attenuation>
```

```
<vdsl-near-end-capacity-used>
  vdsl-near-end-capacity-used
</vdsl-near-end-capacity-used>
<vdsl-far-end-capacity-used>
  vdsl-far-end-capacity-used
</vdsl-far-end-capacity-used>
<vdsl-near-end-noise-margin>
  vdsl-near-end-noise-margin
</vdsl-near-end-noise-margin>
<vdsl-far-end-noise-margin>
  vdsl-far-end-noise-margin
</vdsl-far-end-noise-margin>
<vdsl-near-end-output-power>
  vdsl-near-end-output-power
</vdsl-near-end-output-power>
<vdsl-far-end-output-power>
  vdsl-far-end-output-power
</vdsl-far-end-output-power>
<vdsl-near-end-interleaved-bitrate>
  vdsl-near-end-interleaved-bitrate
</vdsl-near-end-interleaved-bitrate>
<vdsl-near-end-fast-bitrate>
  vdsl-near-end-fast-bitrate
</vdsl-near-end-fast-bitrate>
<vdsl-far-end-interleaved-bitrate>
  vdsl-far-end-interleaved-bitrate
</vdsl-far-end-interleaved-bitrate>
<vdsl-far-end-fast-bitrate>
  vdsl-far-end-fast-bitrate
</vdsl-far-end-fast-bitrate>
<vdsl-near-end-interleaved-crc>
  vdsl-near-end-interleaved-crc
</vdsl-near-end-interleaved-crc>
<vdsl-near-end-fast-crc>
  vdsl-near-end-fast-crc
</vdsl-near-end-fast-crc>
<vdsl-far-end-interleaved-crc>
  vdsl-far-end-interleaved-crc
</vdsl-far-end-interleaved-crc>
<vdsl-far-end-fast-crc>
  vdsl-far-end-fast-crc
</vdsl-far-end-fast-crc>
<vdsl-near-end-interleaved-hec>
  vdsl-near-end-interleaved-hec
</vdsl-near-end-interleaved-hec>
<vdsl-near-end-fast-hec>
  vdsl-near-end-fast-hec
</vdsl-near-end-fast-hec>
<vdsl-far-end-interleaved-hec>
  vdsl-far-end-interleaved-hec
</vdsl-far-end-interleaved-hec>
<vdsl-far-end-fast-hec>
  vdsl-far-end-fast-hec
</vdsl-far-end-fast-hec>
<vdsl-near-end-interleaved-fec>
  vdsl-near-end-interleaved-fec
```

```

</vdsl-near-end-interleaved-fec>
<vdsl-near-end-fast-fec>
  vdsl-near-end-fast-fec
</vdsl-near-end-fast-fec>
<vdsl-far-end-interleaved-fec>
  vdsl-far-end-interleaved-fec
</vdsl-far-end-interleaved-fec>
<vdsl-far-end-fast-fec>
  vdsl-far-end-fast-fec
</vdsl-far-end-fast-fec>
<vdsl-near-end-interleaved-rx-cells>
  vdsl-near-end-interleaved-rx-cells
</vdsl-near-end-interleaved-rx-cells>
<vdsl-near-end-fast-rx-cells>
  vdsl-near-end-fast-rx-cells
</vdsl-near-end-fast-rx-cells>
<vdsl-near-end-interleaved-tx-cells>
  vdsl-near-end-interleaved-tx-cells
</vdsl-near-end-interleaved-tx-cells>
<vdsl-near-end-fast-tx-cells>
  vdsl-near-end-fast-tx-cells
</vdsl-near-end-fast-tx-cells>
</vdsl-statistics>
</vdsl-information>
</physical-interface>
</interface-information>

```

Description

<vdsl-statistics>

Usage

```

<interface-filter-information>
<physical-interface>
  <vdsl-information>
    <vdsl-statistics>
      <vdsl-near-end-attainable-bitrate>
        vdsl-near-end-attainable-bitrate
      </vdsl-near-end-attainable-bitrate>
      <vdsl-far-end-attainable-bitrate>
        vdsl-far-end-attainable-bitrate
      </vdsl-far-end-attainable-bitrate>
      <vdsl-near-end-attenuation>
        vdsl-near-end-attenuation
      </vdsl-near-end-attenuation>
      <vdsl-far-end-attenuation>
        vdsl-far-end-attenuation
      </vdsl-far-end-attenuation>
      <vdsl-near-end-capacity-used>
        vdsl-near-end-capacity-used
      </vdsl-near-end-capacity-used>
      <vdsl-far-end-capacity-used>
        vdsl-far-end-capacity-used
      </vdsl-far-end-capacity-used>
      <vdsl-near-end-noise-margin>

```

```
    vdsl-near-end-noise-margin
  </vdsl-near-end-noise-margin>
  <vdsl-far-end-noise-margin>
    vdsl-far-end-noise-margin
  </vdsl-far-end-noise-margin>
  <vdsl-near-end-output-power>
    vdsl-near-end-output-power
  </vdsl-near-end-output-power>
  <vdsl-far-end-output-power>
    vdsl-far-end-output-power
  </vdsl-far-end-output-power>
  <vdsl-near-end-interleaved-bitrate>
    vdsl-near-end-interleaved-bitrate
  </vdsl-near-end-interleaved-bitrate>
  <vdsl-near-end-fast-bitrate>
    vdsl-near-end-fast-bitrate
  </vdsl-near-end-fast-bitrate>
  <vdsl-far-end-interleaved-bitrate>
    vdsl-far-end-interleaved-bitrate
  </vdsl-far-end-interleaved-bitrate>
  <vdsl-far-end-fast-bitrate>
    vdsl-far-end-fast-bitrate
  </vdsl-far-end-fast-bitrate>
  <vdsl-near-end-interleaved-crc>
    vdsl-near-end-interleaved-crc
  </vdsl-near-end-interleaved-crc>
  <vdsl-near-end-fast-crc>
    vdsl-near-end-fast-crc
  </vdsl-near-end-fast-crc>
  <vdsl-far-end-interleaved-crc>
    vdsl-far-end-interleaved-crc
  </vdsl-far-end-interleaved-crc>
  <vdsl-far-end-fast-crc>
    vdsl-far-end-fast-crc
  </vdsl-far-end-fast-crc>
  <vdsl-near-end-interleaved-hec>
    vdsl-near-end-interleaved-hec
  </vdsl-near-end-interleaved-hec>
  <vdsl-near-end-fast-hec>
    vdsl-near-end-fast-hec
  </vdsl-near-end-fast-hec>
  <vdsl-far-end-interleaved-hec>
    vdsl-far-end-interleaved-hec
  </vdsl-far-end-interleaved-hec>
  <vdsl-far-end-fast-hec>
    vdsl-far-end-fast-hec
  </vdsl-far-end-fast-hec>
  <vdsl-near-end-interleaved-fec>
    vdsl-near-end-interleaved-fec
  </vdsl-near-end-interleaved-fec>
  <vdsl-near-end-fast-fec>
    vdsl-near-end-fast-fec
  </vdsl-near-end-fast-fec>
  <vdsl-far-end-interleaved-fec>
    vdsl-far-end-interleaved-fec
  </vdsl-far-end-interleaved-fec>
```

```
<vdsl-far-end-fast-fec>
  vdsl-far-end-fast-fec
</vdsl-far-end-fast-fec>
<vdsl-near-end-interleaved-rx-cells>
  vdsl-near-end-interleaved-rx-cells
</vdsl-near-end-interleaved-rx-cells>
<vdsl-near-end-fast-rx-cells>
  vdsl-near-end-fast-rx-cells
</vdsl-near-end-fast-rx-cells>
<vdsl-near-end-interleaved-tx-cells>
  vdsl-near-end-interleaved-tx-cells
</vdsl-near-end-interleaved-tx-cells>
<vdsl-near-end-fast-tx-cells>
  vdsl-near-end-fast-tx-cells
</vdsl-near-end-fast-tx-cells>
</vdsl-statistics>
</vdsl-information>
</physical-interface>
</interface-filter-information>
```

Description

<vdsl-statistics>

Usage

```
<interface-policer-information>
<physical-interface>
  <vdsl-information>
    <vdsl-statistics>
      <vdsl-near-end-attainable-bitrate>
        vdsl-near-end-attainable-bitrate
      </vdsl-near-end-attainable-bitrate>
      <vdsl-far-end-attainable-bitrate>
        vdsl-far-end-attainable-bitrate
      </vdsl-far-end-attainable-bitrate>
      <vdsl-near-end-attenuation>
        vdsl-near-end-attenuation
      </vdsl-near-end-attenuation>
      <vdsl-far-end-attenuation>
        vdsl-far-end-attenuation
      </vdsl-far-end-attenuation>
      <vdsl-near-end-capacity-used>
        vdsl-near-end-capacity-used
      </vdsl-near-end-capacity-used>
      <vdsl-far-end-capacity-used>
        vdsl-far-end-capacity-used
      </vdsl-far-end-capacity-used>
      <vdsl-near-end-noise-margin>
        vdsl-near-end-noise-margin
      </vdsl-near-end-noise-margin>
      <vdsl-far-end-noise-margin>
        vdsl-far-end-noise-margin
      </vdsl-far-end-noise-margin>
      <vdsl-near-end-output-power>
        vdsl-near-end-output-power
```



```
</vdsl-near-end-output-power>
<vdsl-far-end-output-power>
  vdsl-far-end-output-power
</vdsl-far-end-output-power>
<vdsl-near-end-interleaved-bitrate>
  vdsl-near-end-interleaved-bitrate
</vdsl-near-end-interleaved-bitrate>
<vdsl-near-end-fast-bitrate>
  vdsl-near-end-fast-bitrate
</vdsl-near-end-fast-bitrate>
<vdsl-far-end-interleaved-bitrate>
  vdsl-far-end-interleaved-bitrate
</vdsl-far-end-interleaved-bitrate>
<vdsl-far-end-fast-bitrate>
  vdsl-far-end-fast-bitrate
</vdsl-far-end-fast-bitrate>
<vdsl-near-end-interleaved-crc>
  vdsl-near-end-interleaved-crc
</vdsl-near-end-interleaved-crc>
<vdsl-near-end-fast-crc>
  vdsl-near-end-fast-crc
</vdsl-near-end-fast-crc>
<vdsl-far-end-interleaved-crc>
  vdsl-far-end-interleaved-crc
</vdsl-far-end-interleaved-crc>
<vdsl-far-end-fast-crc>
  vdsl-far-end-fast-crc
</vdsl-far-end-fast-crc>
<vdsl-near-end-interleaved-hec>
  vdsl-near-end-interleaved-hec
</vdsl-near-end-interleaved-hec>
<vdsl-near-end-fast-hec>
  vdsl-near-end-fast-hec
</vdsl-near-end-fast-hec>
<vdsl-far-end-interleaved-hec>
  vdsl-far-end-interleaved-hec
</vdsl-far-end-interleaved-hec>
<vdsl-far-end-fast-hec>
  vdsl-far-end-fast-hec
</vdsl-far-end-fast-hec>
<vdsl-near-end-interleaved-fec>
  vdsl-near-end-interleaved-fec
</vdsl-near-end-interleaved-fec>
<vdsl-near-end-fast-fec>
  vdsl-near-end-fast-fec
</vdsl-near-end-fast-fec>
<vdsl-far-end-interleaved-fec>
  vdsl-far-end-interleaved-fec
</vdsl-far-end-interleaved-fec>
<vdsl-far-end-fast-fec>
  vdsl-far-end-fast-fec
</vdsl-far-end-fast-fec>
<vdsl-near-end-interleaved-rx-cells>
  vdsl-near-end-interleaved-rx-cells
</vdsl-near-end-interleaved-rx-cells>
<vdsl-near-end-fast-rx-cells>
```

```
        vdsl-near-end-fast-rx-cells
      </vdsl-near-end-fast-rx-cells>
      <vdsl-near-end-interleaved-tx-cells>
        vdsl-near-end-interleaved-tx-cells
      </vdsl-near-end-interleaved-tx-cells>
      <vdsl-near-end-fast-tx-cells>
        vdsl-near-end-fast-tx-cells
      </vdsl-near-end-fast-tx-cells>
    </vdsl-statistics>
  </vdsl-information>
</physical-interface>
</interface-policer-information>
```

Description

<virtual-circuit-information>

Usage

```
<virtual-circuit-information>
  <dlci-statistics>....</dlci-statistics>
  <vpi>
    vpi
  </vpi>
  <vci>
    vci
  </vci>
  <vci-range>....</vci-range>
  <trunk>
    trunk
  </trunk>
  <trunk-bandwidth>
    trunk-bandwidth
  </trunk-bandwidth>
  <dlci>
    dlci
  </dlci>
  <ifvc-flags>....</ifvc-flags>
  <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
  <atm-tm-cbr>
    atm-tm-cbr
  </atm-tm-cbr>
  <atm-tm-vbr>
    atm-tm-vbr
  </atm-tm-vbr>
  <atm-tm-rtvbr>
    atm-tm-rtvbr
  </atm-tm-rtvbr>
  <peak>
    peak
  </peak>
  <sustained>
    sustained
  </sustained>
  <burst>
    burst
```

```

</burst>
<cdvt>
  cdvt
</cdvt>
<queue-limit>
  queue-limit
</queue-limit>
<down-time>
  down-time
</down-time>
<last-down-time>
  last-down-time
</last-down-time>
<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>

```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```

<logical-interface>
  <virtual-circuit-information>
    <dlci-statistics>....</dlci-statistics>
    <vpi>
      vpi
    </vpi>
    <vci>
      vci
    </vci>
    <vci-range>....</vci-range>
    <trunk>
      trunk
    </trunk>
    <trunk-bandwidth>
      trunk-bandwidth

```

```
</trunk-bandwidth>
<dlci>
  dlci
</dlci>
<ifvc-flags>....</ifvc-flags>
<ifvc-multipoint-destination>....</ifvc-multipoint-destination>
<atm-tm-cbr>
  atm-tm-cbr
</atm-tm-cbr>
<atm-tm-vbr>
  atm-tm-vbr
</atm-tm-vbr>
<atm-tm-rtvbr>
  atm-tm-rtvbr
</atm-tm-rtvbr>
<peak>
  peak
</peak>
<sustained>
  sustained
</sustained>
<burst>
  burst
</burst>
<cdvt>
  cdvt
</cdvt>
<queue-limit>
  queue-limit
</queue-limit>
<down-time>
  down-time
</down-time>
<last-down-time>
  last-down-time
</last-down-time>
<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
```

```
</logical-interface>
```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```
<physical-interface>
<logical-interface>
  <virtual-circuit-information>
    <dlci-statistics>....</dlci-statistics>
    <vpi>
      vpi
    </vpi>
    <vci>
      vci
    </vci>
    <vci-range>....</vci-range>
    <trunk>
      trunk
    </trunk>
    <trunk-bandwidth>
      trunk-bandwidth
    </trunk-bandwidth>
    <dlci>
      dlci
    </dlci>
    <ifvc-flags>....</ifvc-flags>
    <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
    <atm-tm-cbr>
      atm-tm-cbr
    </atm-tm-cbr>
    <atm-tm-vbr>
      atm-tm-vbr
    </atm-tm-vbr>
    <atm-tm-rtvbr>
      atm-tm-rtvbr
    </atm-tm-rtvbr>
    <peak>
      peak
    </peak>
    <sustained>
      sustained
    </sustained>
    <burst>
      burst
    </burst>
    <cdvt>
      cdvt
    </cdvt>
    <queue-limit>
      queue-limit
    </queue-limit>
    <down-time>
```

```
    down-time
  </down-time>
  <last-down-time>
    last-down-time
  </last-down-time>
  <ifvc-epd>
    ifvc-epd
  </ifvc-epd>
  <ifvc-epd-plp0>
    ifvc-epd-plp0
  </ifvc-epd-plp0>
  <ifvc-epd-plp1>
    ifvc-epd-plp1
  </ifvc-epd-plp1>
  <ifvc-weight>
    ifvc-weight
  </ifvc-weight>
  <oam-parameters>....</oam-parameters>
  <oam-statistics>....</oam-statistics>
  <traffic-statistics>....</traffic-statistics>
  <atm-policer-statistics>....</atm-policer-statistics>
  <atm-statistics>....</atm-statistics>
  <atm-cos-information>....</atm-cos-information>
  <in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```
<interface-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>....</dlci-statistics>
      <vpi>
        vpi
      </vpi>
      <vci>
        vci
      </vci>
      <vci-range>....</vci-range>
      <trunk>
        trunk
      </trunk>
      <trunk-bandwidth>
        trunk-bandwidth
      </trunk-bandwidth>
      <dlci>
        dlci
      </dlci>
```

```

<ifvc-flags>....</ifvc-flags>
<ifvc-multipoint-destination>....</ifvc-multipoint-destination>
<atm-tm-cbr>
  atm-tm-cbr
</atm-tm-cbr>
<atm-tm-vbr>
  atm-tm-vbr
</atm-tm-vbr>
<atm-tm-rtvbr>
  atm-tm-rtvbr
</atm-tm-rtvbr>
<peak>
  peak
</peak>
<sustained>
  sustained
</sustained>
<burst>
  burst
</burst>
<cdvt>
  cdvt
</cdvt>
<queue-limit>
  queue-limit
</queue-limit>
<down-time>
  down-time
</down-time>
<last-down-time>
  last-down-time
</last-down-time>
<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-information>

```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```
<interface-information>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>....</dlci-statistics>
      <vpi>
        vpi
      </vpi>
      <vci>
        vci
      </vci>
      <vci-range>....</vci-range>
      <trunk>
        trunk
      </trunk>
      <trunk-bandwidth>
        trunk-bandwidth
      </trunk-bandwidth>
      <dlci>
        dlci
      </dlci>
      <ifvc-flags>....</ifvc-flags>
      <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
      <atm-tm-cbr>
        atm-tm-cbr
      </atm-tm-cbr>
      <atm-tm-vbr>
        atm-tm-vbr
      </atm-tm-vbr>
      <atm-tm-rtvbr>
        atm-tm-rtvbr
      </atm-tm-rtvbr>
      <peak>
        peak
      </peak>
      <sustained>
        sustained
      </sustained>
      <burst>
        burst
      </burst>
      <cdvt>
        cdvt
      </cdvt>
      <queue-limit>
        queue-limit
      </queue-limit>
      <down-time>
        down-time
      </down-time>
      <last-down-time>
```



```

    last-down-time
  </last-down-time>
  <ifvc-epd>
    ifvc-epd
  </ifvc-epd>
  <ifvc-epd-plp0>
    ifvc-epd-plp0
  </ifvc-epd-plp0>
  <ifvc-epd-plp1>
    ifvc-epd-plp1
  </ifvc-epd-plp1>
  <ifvc-weight>
    ifvc-weight
  </ifvc-weight>
  <oam-parameters>....</oam-parameters>
  <oam-statistics>....</oam-statistics>
  <traffic-statistics>....</traffic-statistics>
  <atm-policer-statistics>....</atm-policer-statistics>
  <atm-statistics>....</atm-statistics>
  <atm-cos-information>....</atm-cos-information>
  <in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-information>

```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```

<interface-filter-information>
  <physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>....</dlci-statistics>
      <vpi>
        vpi
      </vpi>
      <vci>
        vci
      </vci>
      <vci-range>....</vci-range>
      <trunk>
        trunk
      </trunk>
      <trunk-bandwidth>
        trunk-bandwidth
      </trunk-bandwidth>
      <dlci>
        dlci
      </dlci>
      <ifvc-flags>....</ifvc-flags>
      <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
      <atm-tm-cbr>

```

```
    atm-tm-cbr
  </atm-tm-cbr>
  <atm-tm-vbr>
    atm-tm-vbr
  </atm-tm-vbr>
  <atm-tm-rtvbr>
    atm-tm-rtvbr
  </atm-tm-rtvbr>
  <peak>
    peak
  </peak>
  <sustained>
    sustained
  </sustained>
  <burst>
    burst
  </burst>
  <cdvt>
    cdvt
  </cdvt>
  <queue-limit>
    queue-limit
  </queue-limit>
  <down-time>
    down-time
  </down-time>
  <last-down-time>
    last-down-time
  </last-down-time>
  <ifvc-epd>
    ifvc-epd
  </ifvc-epd>
  <ifvc-epd-plp0>
    ifvc-epd-plp0
  </ifvc-epd-plp0>
  <ifvc-epd-plp1>
    ifvc-epd-plp1
  </ifvc-epd-plp1>
  <ifvc-weight>
    ifvc-weight
  </ifvc-weight>
  <oam-parameters>....</oam-parameters>
  <oam-statistics>....</oam-statistics>
  <traffic-statistics>....</traffic-statistics>
  <atm-policer-statistics>....</atm-policer-statistics>
  <atm-statistics>....</atm-statistics>
  <atm-cos-information>....</atm-cos-information>
  <in-arp-statistics>....</in-arp-statistics>
  </virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-filter-information>
```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```

<interface-filter-information>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>....</dlci-statistics>
      <vpi>
        vpi
      </vpi>
      <vci>
        vci
      </vci>
      <vci-range>....</vci-range>
      <trunk>
        trunk
      </trunk>
      <trunk-bandwidth>
        trunk-bandwidth
      </trunk-bandwidth>
      <dlci>
        dlci
      </dlci>
      <ifvc-flags>....</ifvc-flags>
      <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
      <atm-tm-cbr>
        atm-tm-cbr
      </atm-tm-cbr>
      <atm-tm-vbr>
        atm-tm-vbr
      </atm-tm-vbr>
      <atm-tm-rtvbr>
        atm-tm-rtvbr
      </atm-tm-rtvbr>
      <peak>
        peak
      </peak>
      <sustained>
        sustained
      </sustained>
      <burst>
        burst
      </burst>
      <cdvt>
        cdvt
      </cdvt>
      <queue-limit>
        queue-limit
      </queue-limit>
      <down-time>
        down-time
      </down-time>
      <last-down-time>
        last-down-time
      </last-down-time>

```

```
<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-filter-information>
```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```
<interface-policer-information>
<physical-interface>
  <logical-interface>
    <virtual-circuit-information>
      <dlci-statistics>....</dlci-statistics>
      <vpi>
        vpi
      </vpi>
      <vci>
        vci
      </vci>
      <vci-range>....</vci-range>
      <trunk>
        trunk
      </trunk>
      <trunk-bandwidth>
        trunk-bandwidth
      </trunk-bandwidth>
      <dlci>
        dlci
      </dlci>
      <ifvc-flags>....</ifvc-flags>
      <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
      <atm-tm-cbr>
        atm-tm-cbr
      </atm-tm-cbr>
```

```

<atm-tm-vbr>
  atm-tm-vbr
</atm-tm-vbr>
<atm-tm-rtvbr>
  atm-tm-rtvbr
</atm-tm-rtvbr>
<peak>
  peak
</peak>
<sustained>
  sustained
</sustained>
<burst>
  burst
</burst>
<cdvt>
  cdvt
</cdvt>
<queue-limit>
  queue-limit
</queue-limit>
<down-time>
  down-time
</down-time>
<last-down-time>
  last-down-time
</last-down-time>
<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description Operational information and statistics for a virtual circuit

<virtual-circuit-information>

Usage

```
<interface-policer-information>
<logical-interface>
  <virtual-circuit-information>
    <dlci-statistics>....</dlci-statistics>
    <vpi>
      vpi
    </vpi>
    <vci>
      vci
    </vci>
    <vci-range>....</vci-range>
    <trunk>
      trunk
    </trunk>
    <trunk-bandwidth>
      trunk-bandwidth
    </trunk-bandwidth>
    <dlci>
      dlci
    </dlci>
    <ifvc-flags>....</ifvc-flags>
    <ifvc-multipoint-destination>....</ifvc-multipoint-destination>
    <atm-tm-cbr>
      atm-tm-cbr
    </atm-tm-cbr>
    <atm-tm-vbr>
      atm-tm-vbr
    </atm-tm-vbr>
    <atm-tm-rtvbr>
      atm-tm-rtvbr
    </atm-tm-rtvbr>
    <peak>
      peak
    </peak>
    <sustained>
      sustained
    </sustained>
    <burst>
      burst
    </burst>
    <cdvt>
      cdvt
    </cdvt>
    <queue-limit>
      queue-limit
    </queue-limit>
    <down-time>
      down-time
    </down-time>
    <last-down-time>
      last-down-time
    </last-down-time>
```

```

<ifvc-epd>
  ifvc-epd
</ifvc-epd>
<ifvc-epd-plp0>
  ifvc-epd-plp0
</ifvc-epd-plp0>
<ifvc-epd-plp1>
  ifvc-epd-plp1
</ifvc-epd-plp1>
<ifvc-weight>
  ifvc-weight
</ifvc-weight>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
<atm-policer-statistics>....</atm-policer-statistics>
<atm-statistics>....</atm-statistics>
<atm-cos-information>....</atm-cos-information>
<in-arp-statistics>....</in-arp-statistics>
</virtual-circuit-information>
</logical-interface>
</interface-policer-information>

```

Description Operational information and statistics for a virtual circuit

<virtual-path-information>

Usage

```

<virtual-path-information>
  <vpi>
    vpi
  </vpi>
  <ifvp-flags>....</ifvp-flags>
  <atm-tm-cbr>
    atm-tm-cbr
  </atm-tm-cbr>
  <atm-tm-vbr>
    atm-tm-vbr
  </atm-tm-vbr>
  <atm-tm-rtvbr>
    atm-tm-rtvbr
  </atm-tm-rtvbr>
  <peak>
    peak
  </peak>
  <sustained>
    sustained
  </sustained>
  <burst>
    burst
  </burst>
  <cdvt>
    cdvt
  </cdvt>

```

```
<queue-limit>
  queue-limit
</queue-limit>
<down-time>
  down-time
</down-time>
<last-down-time>
  last-down-time
</last-down-time>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
</virtual-path-information>
```

Description Operational information and statistics for a virtual path

<virtual-path-information>

Usage

```
<physical-interface>
<virtual-path-information>
  <vpi>
    vpi
  </vpi>
  <ifvp-flags>....</ifvp-flags>
  <atm-tm-cbr>
    atm-tm-cbr
  </atm-tm-cbr>
  <atm-tm-vbr>
    atm-tm-vbr
  </atm-tm-vbr>
  <atm-tm-rtvbr>
    atm-tm-rtvbr
  </atm-tm-rtvbr>
  <peak>
    peak
  </peak>
  <sustained>
    sustained
  </sustained>
  <burst>
    burst
  </burst>
  <cdvt>
    cdvt
  </cdvt>
  <queue-limit>
    queue-limit
  </queue-limit>
  <down-time>
    down-time
  </down-time>
  <last-down-time>
    last-down-time
```



```

</last-down-time>
<oam-parameters>....</oam-parameters>
<oam-statistics>....</oam-statistics>
<traffic-statistics>....</traffic-statistics>
</virtual-path-information>
</physical-interface>

```

Description Operational information and statistics for a virtual path

<virtual-path-information>

Usage

```

<interface-information>
<physical-interface>
<virtual-path-information>
  <vpi>
    vpi
  </vpi>
  <ifvp-flags>....</ifvp-flags>
  <atm-tm-cbr>
    atm-tm-cbr
  </atm-tm-cbr>
  <atm-tm-vbr>
    atm-tm-vbr
  </atm-tm-vbr>
  <atm-tm-rtvbr>
    atm-tm-rtvbr
  </atm-tm-rtvbr>
  <peak>
    peak
  </peak>
  <sustained>
    sustained
  </sustained>
  <burst>
    burst
  </burst>
  <cdvt>
    cdvt
  </cdvt>
  <queue-limit>
    queue-limit
  </queue-limit>
  <down-time>
    down-time
  </down-time>
  <last-down-time>
    last-down-time
  </last-down-time>
  <oam-parameters>....</oam-parameters>
  <oam-statistics>....</oam-statistics>
  <traffic-statistics>....</traffic-statistics>
</virtual-path-information>
</physical-interface>

```

</interface-information>

Description Operational information and statistics for a virtual path

<virtual-path-information>

Usage

```
<interface-filter-information>
<physical-interface>
  <virtual-path-information>
    <vpi>
      vpi
    </vpi>
    <ifvp-flags>....</ifvp-flags>
    <atm-tm-cbr>
      atm-tm-cbr
    </atm-tm-cbr>
    <atm-tm-vbr>
      atm-tm-vbr
    </atm-tm-vbr>
    <atm-tm-rtvbr>
      atm-tm-rtvbr
    </atm-tm-rtvbr>
    <peak>
      peak
    </peak>
    <sustained>
      sustained
    </sustained>
    <burst>
      burst
    </burst>
    <cdvt>
      cdvt
    </cdvt>
    <queue-limit>
      queue-limit
    </queue-limit>
    <down-time>
      down-time
    </down-time>
    <last-down-time>
      last-down-time
    </last-down-time>
    <oam-parameters>....</oam-parameters>
    <oam-statistics>....</oam-statistics>
    <traffic-statistics>....</traffic-statistics>
  </virtual-path-information>
</physical-interface>
</interface-filter-information>
```

Description Operational information and statistics for a virtual path

<virtual-path-information>

Usage

```

<interface-policer-information>
  <physical-interface>
    <virtual-path-information>
      <vpi>
        vpi
      </vpi>
      <ifvp-flags>....</ifvp-flags>
      <atm-tm-cbr>
        atm-tm-cbr
      </atm-tm-cbr>
      <atm-tm-vbr>
        atm-tm-vbr
      </atm-tm-vbr>
      <atm-tm-rtvbr>
        atm-tm-rtvbr
      </atm-tm-rtvbr>
      <peak>
        peak
      </peak>
      <sustained>
        sustained
      </sustained>
      <burst>
        burst
      </burst>
      <cdvt>
        cdvt
      </cdvt>
      <queue-limit>
        queue-limit
      </queue-limit>
      <down-time>
        down-time
      </down-time>
      <last-down-time>
        last-down-time
      </last-down-time>
      <oam-parameters>....</oam-parameters>
      <oam-statistics>....</oam-statistics>
      <traffic-statistics>....</traffic-statistics>
    </virtual-path-information>
  </physical-interface>
</interface-policer-information>

```

Description Operational information and statistics for a virtual path

<watch-list>

Usage

```

<watch-list>
  <watch-route>

```

```
    watch-route
  </watch-route>
</watch-list>
```

Description

<watch-list>

Usage

```
<dialer-interface>
  <watch-list>
    <watch-route>
      watch-route
    </watch-route>
  </watch-list>
</dialer-interface>
```

Description

<watch-list>

Usage

```
<dialer-interface-information>
  <dialer-interface>
    <watch-list>
      <watch-route>
        watch-route
      </watch-route>
    </watch-list>
  </dialer-interface>
</dialer-interface-information>
```

Description

<watch-list>

Usage

```
<logical-interface>
  <dialer-information>
    <dialer-interface>
      <watch-list>
        <watch-route>
          watch-route
        </watch-route>
      </watch-list>
    </dialer-interface>
  </dialer-information>
</logical-interface>
```

Description

<watch-list>**Usage**

```

<physical-interface>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <watch-list>
          <watch-route>
            watch-route
          </watch-route>
        </watch-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</physical-interface>

```

Description**<watch-list>****Usage**

```

<interface-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <watch-list>
            <watch-route>
              watch-route
            </watch-route>
          </watch-list>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-information>

```

Description**<watch-list>****Usage**

```

<interface-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <watch-list>
          <watch-route>
            watch-route
          </watch-route>
        </watch-list>
      </dialer-interface>
    </dialer-information>

```

```
</logical-interface>
</interface-information>
```

Description

<watch-list>

Usage

```
<interface-filter-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <watch-list>
            <watch-route>
              watch-route
            </watch-route>
          </watch-list>
        </dialer-interface>
      </dialer-information>
    </logical-interface>
  </physical-interface>
</interface-filter-information>
```

Description

<watch-list>

Usage

```
<interface-filter-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <watch-list>
          <watch-route>
            watch-route
          </watch-route>
        </watch-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-filter-information>
```

Description

<watch-list>

Usage

```
<interface-policer-information>
  <physical-interface>
    <logical-interface>
      <dialer-information>
        <dialer-interface>
          <watch-list>
```

```

    <watch-route>
      watch-route
    </watch-route>
  </watch-list>
</dialer-interface>
</dialer-information>
</logical-interface>
</physical-interface>
</interface-policer-information>

```

Description

<watch-list>

Usage

```

<interface-policer-information>
  <logical-interface>
    <dialer-information>
      <dialer-interface>
        <watch-list>
          <watch-route>
            watch-route
          </watch-route>
        </watch-list>
      </dialer-interface>
    </dialer-information>
  </logical-interface>
</interface-policer-information>

```

Description

<x21-control-signal>

Usage

```

<serial-information>
  <x21-control-signal>
    <rts>
      rts
    </rts>
    <cts>
      cts
    </cts>
  </x21-control-signal>
</serial-information>

```

Description

<x21-control-signal>

Usage

```

<physical-interface>
  <serial-information>
    <x21-control-signal>
      <rts>

```

```
    rts
  </rts>
  <cts>
    cts
  </cts>
</x21-control-signal>
</serial-information>
</physical-interface>
```

Description

<x21-control-signal>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <x21-control-signal>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
      </x21-control-signal>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<x21-control-signal>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <x21-control-signal>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
      </x21-control-signal>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<x21-control-signal>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <x21-control-signal>
        <rts>
          rts
        </rts>
        <cts>
          cts
        </cts>
      </x21-control-signal>
    </serial-information>
  </physical-interface>
</interface-policer-information>
```

Description

<x21-signal-polarity>

Usage

```
<serial-information>
  <x21-signal-polarity>
    <rts-polarity>
      rts-polarity
    </rts-polarity>
    <cts-polarity>
      cts-polarity
    </cts-polarity>
  </x21-signal-polarity>
</serial-information>
```

Description

<x21-signal-polarity>

Usage

```
<physical-interface>
  <serial-information>
    <x21-signal-polarity>
      <rts-polarity>
        rts-polarity
      </rts-polarity>
      <cts-polarity>
        cts-polarity
      </cts-polarity>
    </x21-signal-polarity>
  </serial-information>
</physical-interface>
```

Description

<x21-signal-polarity>

Usage

```
<interface-information>
  <physical-interface>
    <serial-information>
      <x21-signal-polarity>
        <rts-polarity>
          rts-polarity
        </rts-polarity>
        <cts-polarity>
          cts-polarity
        </cts-polarity>
      </x21-signal-polarity>
    </serial-information>
  </physical-interface>
</interface-information>
```

Description

<x21-signal-polarity>

Usage

```
<interface-filter-information>
  <physical-interface>
    <serial-information>
      <x21-signal-polarity>
        <rts-polarity>
          rts-polarity
        </rts-polarity>
        <cts-polarity>
          cts-polarity
        </cts-polarity>
      </x21-signal-polarity>
    </serial-information>
  </physical-interface>
</interface-filter-information>
```

Description

<x21-signal-polarity>

Usage

```
<interface-policer-information>
  <physical-interface>
    <serial-information>
      <x21-signal-polarity>
        <rts-polarity>
          rts-polarity
        </rts-polarity>
        <cts-polarity>
          cts-polarity
        </cts-polarity>
      </x21-signal-polarity>
```

```

    </serial-information>
  </physical-interface>
</interface-policer-information>

```

Description

Summary of IPv6 Neighbor Discovery Response Tags

<ipv6-modify-nd>

Usage

```

<ipv6-modify-nd>
  <ipv6-modify-nd-entry>....</ipv6-modify-nd-entry>
</ipv6-modify-nd>

```

Description

<ipv6-modify-nd-entry>

Usage

```

<ipv6-modify-nd-entry>
  <ipv6-nd-neighbor-address>
    ipv6-nd-neighbor-address
  </ipv6-nd-neighbor-address>
  <ipv6-nd-neighbor-l2-address>
    ipv6-nd-neighbor-l2-address
  </ipv6-nd-neighbor-l2-address>
  <ipv6-nd-change>
    ipv6-nd-change
  </ipv6-nd-change>
</ipv6-modify-nd-entry>

```

Description

<ipv6-modify-nd-entry>

Usage

```

<ipv6-modify-nd>
  <ipv6-modify-nd-entry>
    <ipv6-nd-neighbor-address>
      ipv6-nd-neighbor-address
    </ipv6-nd-neighbor-address>
    <ipv6-nd-neighbor-l2-address>
      ipv6-nd-neighbor-l2-address
    </ipv6-nd-neighbor-l2-address>
    <ipv6-nd-change>
      ipv6-nd-change
    </ipv6-nd-change>
  </ipv6-modify-nd-entry>
</ipv6-modify-nd>

```

Description

<ipv6-nd-entry>

Usage

```
<ipv6-nd-entry>
  <ipv6-nd-neighbor-address>
    ipv6-nd-neighbor-address
  </ipv6-nd-neighbor-address>
  <ipv6-nd-neighbor-l2-address>
    ipv6-nd-neighbor-l2-address
  </ipv6-nd-neighbor-l2-address>
  <ipv6-nd-total>
    ipv6-nd-total
  </ipv6-nd-total>
  <ipv6-nd-state>
    ipv6-nd-state
  </ipv6-nd-state>
  <ipv6-nd-expire>
    ipv6-nd-expire
  </ipv6-nd-expire>
  <ipv6-nd-isrouter>
    ipv6-nd-isrouter
  </ipv6-nd-isrouter>
  <ipv6-nd-issecure>
    ipv6-nd-issecure
  </ipv6-nd-issecure>
  <ipv6-nd-interface-name>
    ipv6-nd-interface-name
  </ipv6-nd-interface-name>
</ipv6-nd-entry>
```

Description

<ipv6-nd-entry>

Usage

```
<ipv6-nd-information>
  <ipv6-nd-entry>
    <ipv6-nd-neighbor-address>
      ipv6-nd-neighbor-address
    </ipv6-nd-neighbor-address>
    <ipv6-nd-neighbor-l2-address>
      ipv6-nd-neighbor-l2-address
    </ipv6-nd-neighbor-l2-address>
    <ipv6-nd-total>
      ipv6-nd-total
    </ipv6-nd-total>
    <ipv6-nd-state>
      ipv6-nd-state
    </ipv6-nd-state>
    <ipv6-nd-expire>
      ipv6-nd-expire
    </ipv6-nd-expire>
    <ipv6-nd-isrouter>
      ipv6-nd-isrouter
    </ipv6-nd-isrouter>
```

```

<ipv6-nd-issecure>
  ipv6-nd-issecure
</ipv6-nd-issecure>
<ipv6-nd-interface-name>
  ipv6-nd-interface-name
</ipv6-nd-interface-name>
</ipv6-nd-entry>
</ipv6-nd-information>

```

Description**<ipv6-nd-information>****Usage**

```

<ipv6-nd-information>
  <ipv6-nd-entry>....</ipv6-nd-entry>
</ipv6-nd-information>

```

Description**Summary of Junos Diameter Function Response Tags****<jdiameterd-function-brief>****Usage**

```

<jdiameterd-function-brief>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-state>
    jdiameterd-function-state
  </jdiameterd-function-state>
  <jdiameterd-function-upstream-transaction-utilization>
    jdiameterd-function-upstream-transaction-utilization
  </jdiameterd-function-upstream-transaction-utilization>
  <jdiameterd-function-downstream-transaction-utilization>
    jdiameterd-function-downstream-transaction-utilization
  </jdiameterd-function-downstream-transaction-utilization>
  <jdiameterd-function-network-transmission-queue-memory-utilization>
    jdiameterd-function-network-transmission-queue-memory-utilization
  </jdiameterd-function-network-transmission-queue-memory-utilization>
  <jdiameterd-function-function-transmission-queue-memory-utilization>
    jdiameterd-function-function-transmission-queue-memory-utilization
  </jdiameterd-function-function-transmission-queue-memory-utilization>
  <jdiameterd-function-routed-dests>
    jdiameterd-function-routed-dests
  </jdiameterd-function-routed-dests>
</jdiameterd-function-brief>

```

Description Diameter function

<jdiameterd-function-brief>

Usage

```
<jdiameterd-function-information>
  <jdiameterd-function-brief>
    <jdiameterd-function-name>
      jdiameterd-function-name
    </jdiameterd-function-name>
    <jdiameterd-function-state>
      jdiameterd-function-state
    </jdiameterd-function-state>
    <jdiameterd-function-upstream-transaction-utilization>
      jdiameterd-function-upstream-transaction-utilization
    </jdiameterd-function-upstream-transaction-utilization>
    <jdiameterd-function-downstream-transaction-utilization>
      jdiameterd-function-downstream-transaction-utilization
    </jdiameterd-function-downstream-transaction-utilization>
    <jdiameterd-function-network-transmission-queue-memory-utilization>
      jdiameterd-function-network-transmission-queue-memory-utilization
    </jdiameterd-function-network-transmission-queue-memory-utilization>
    <jdiameterd-function-function-transmission-queue-memory-utilization>
      jdiameterd-function-function-transmission-queue-memory-utilization
    </jdiameterd-function-function-transmission-queue-memory-utilization>
    <jdiameterd-function-routed-dests>
      jdiameterd-function-routed-dests
    </jdiameterd-function-routed-dests>
  </jdiameterd-function-brief>
</jdiameterd-function-information>
```

Description Diameter function

<jdiameterd-function-data>

Usage

```
<jdiameterd-function-data>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-state>
    jdiameterd-function-state
  </jdiameterd-function-state>
  <jdiameterd-function-upstream-transaction-utilization>
    jdiameterd-function-upstream-transaction-utilization
  </jdiameterd-function-upstream-transaction-utilization>
  <jdiameterd-function-downstream-transaction-utilization>
    jdiameterd-function-downstream-transaction-utilization
  </jdiameterd-function-downstream-transaction-utilization>
  <jdiameterd-function-network-transmission-queue-memory-utilization>
    jdiameterd-function-network-transmission-queue-memory-utilization
  </jdiameterd-function-network-transmission-queue-memory-utilization>
  <jdiameterd-function-function-transmission-queue-memory-utilization>
    jdiameterd-function-function-transmission-queue-memory-utilization
  </jdiameterd-function-function-transmission-queue-memory-utilization>
  <jdiameterd-function-routed-dests>
```

```

    jdiameterd-function-routed-dests
  </jdiameterd-function-routed-dests>
  <jdiameterd-function-network-transmission-queue-requests>
    jdiameterd-function-network-transmission-queue-requests
  </jdiameterd-function-network-transmission-queue-requests>
  <jdiameterd-function-expected-answers-from-network>
    jdiameterd-function-expected-answers-from-network
  </jdiameterd-function-expected-answers-from-network>
  <jdiameterd-function-function-transmission-queue-answers>
    jdiameterd-function-function-transmission-queue-answers
  </jdiameterd-function-function-transmission-queue-answers>
  <jdiameterd-function-upstream-transaction-count>
    jdiameterd-function-upstream-transaction-count
  </jdiameterd-function-upstream-transaction-count>
  <jdiameterd-function-upstream-transaction-limit>
    jdiameterd-function-upstream-transaction-limit
  </jdiameterd-function-upstream-transaction-limit>
  <jdiameterd-function-function-transmission-queue-requests>
    jdiameterd-function-function-transmission-queue-requests
  </jdiameterd-function-function-transmission-queue-requests>
  <jdiameterd-function-expected-answers-from-function>
    jdiameterd-function-expected-answers-from-function
  </jdiameterd-function-expected-answers-from-function>
  <jdiameterd-function-network-transmission-queue-answers>
    jdiameterd-function-network-transmission-queue-answers
  </jdiameterd-function-network-transmission-queue-answers>
  <jdiameterd-function-downstream-transaction-count>
    jdiameterd-function-downstream-transaction-count
  </jdiameterd-function-downstream-transaction-count>
  <jdiameterd-function-downstream-transaction-limit>
    jdiameterd-function-downstream-transaction-limit
  </jdiameterd-function-downstream-transaction-limit>
  <jdiameterd-function-network-transmission-queue-memory>
    jdiameterd-function-network-transmission-queue-memory
  </jdiameterd-function-network-transmission-queue-memory>
  <jdiameterd-function-network-transmission-queue-memory-limit>
    jdiameterd-function-network-transmission-queue-memory-limit
  </jdiameterd-function-network-transmission-queue-memory-limit>
  <jdiameterd-function-function-transmission-queue-memory>
    jdiameterd-function-function-transmission-queue-memory
  </jdiameterd-function-function-transmission-queue-memory>
  <jdiameterd-function-function-transmission-queue-memory-limit>
    jdiameterd-function-function-transmission-queue-memory-limit
  </jdiameterd-function-function-transmission-queue-memory-limit>
</jdiameterd-function-data>

```

Description Diameter function

<jdiameterd-function-data>

Usage

```

<jdiameterd-function-information>
  <jdiameterd-function-data>
    <jdiameterd-function-name>

```

```
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-state>
    jdiameterd-function-state
  </jdiameterd-function-state>
  <jdiameterd-function-upstream-transaction-utilization>
    jdiameterd-function-upstream-transaction-utilization
  </jdiameterd-function-upstream-transaction-utilization>
  <jdiameterd-function-downstream-transaction-utilization>
    jdiameterd-function-downstream-transaction-utilization
  </jdiameterd-function-downstream-transaction-utilization>
  <jdiameterd-function-network-transmission-queue-memory-utilization>
    jdiameterd-function-network-transmission-queue-memory-utilization
  </jdiameterd-function-network-transmission-queue-memory-utilization>
  <jdiameterd-function-function-transmission-queue-memory-utilization>
    jdiameterd-function-function-transmission-queue-memory-utilization
  </jdiameterd-function-function-transmission-queue-memory-utilization>
  <jdiameterd-function-routed-dests>
    jdiameterd-function-routed-dests
  </jdiameterd-function-routed-dests>
  <jdiameterd-function-network-transmission-queue-requests>
    jdiameterd-function-network-transmission-queue-requests
  </jdiameterd-function-network-transmission-queue-requests>
  <jdiameterd-function-expected-answers-from-network>
    jdiameterd-function-expected-answers-from-network
  </jdiameterd-function-expected-answers-from-network>
  <jdiameterd-function-function-transmission-queue-answers>
    jdiameterd-function-function-transmission-queue-answers
  </jdiameterd-function-function-transmission-queue-answers>
  <jdiameterd-function-upstream-transaction-count>
    jdiameterd-function-upstream-transaction-count
  </jdiameterd-function-upstream-transaction-count>
  <jdiameterd-function-upstream-transaction-limit>
    jdiameterd-function-upstream-transaction-limit
  </jdiameterd-function-upstream-transaction-limit>
  <jdiameterd-function-function-transmission-queue-requests>
    jdiameterd-function-function-transmission-queue-requests
  </jdiameterd-function-function-transmission-queue-requests>
  <jdiameterd-function-expected-answers-from-function>
    jdiameterd-function-expected-answers-from-function
  </jdiameterd-function-expected-answers-from-function>
  <jdiameterd-function-network-transmission-queue-answers>
    jdiameterd-function-network-transmission-queue-answers
  </jdiameterd-function-network-transmission-queue-answers>
  <jdiameterd-function-downstream-transaction-count>
    jdiameterd-function-downstream-transaction-count
  </jdiameterd-function-downstream-transaction-count>
  <jdiameterd-function-downstream-transaction-limit>
    jdiameterd-function-downstream-transaction-limit
  </jdiameterd-function-downstream-transaction-limit>
  <jdiameterd-function-network-transmission-queue-memory>
    jdiameterd-function-network-transmission-queue-memory
  </jdiameterd-function-network-transmission-queue-memory>
  <jdiameterd-function-network-transmission-queue-memory-limit>
    jdiameterd-function-network-transmission-queue-memory-limit
  </jdiameterd-function-network-transmission-queue-memory-limit>
```



```

<jdiameterd-function-function-transmission-queue-memory>
  jdiameterd-function-function-transmission-queue-memory
</jdiameterd-function-function-transmission-queue-memory>
<jdiameterd-function-function-transmission-queue-memory-limit>
  jdiameterd-function-function-transmission-queue-memory-limit
</jdiameterd-function-function-transmission-queue-memory-limit>
</jdiameterd-function-data>
</jdiameterd-function-information>

```

Description Diameter function

<jdiameterd-function-error>

Usage

```

<jdiameterd-function-information>
  <jdiameterd-function-error>
</jdiameterd-function-error>
</jdiameterd-function-information>

```

Description

<jdiameterd-function-information>

Usage

```

<jdiameterd-function-information>
  <jdiameterd-function-list>....</jdiameterd-function-list>
  <jdiameterd-function-brief>....</jdiameterd-function-brief>
  <jdiameterd-function-data>....</jdiameterd-function-data>
  <jdiameterd-function-not-found>
    jdiameterd-function-not-found
  </jdiameterd-function-not-found>
  <jdiameterd-function-error>....</jdiameterd-function-error>
</jdiameterd-function-information>

```

Description Diameter function information

<jdiameterd-function-list>

Usage

```

<jdiameterd-function-list>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-state>
    jdiameterd-function-state
  </jdiameterd-function-state>
  <jdiameterd-function-upstream-transaction-utilization>
    jdiameterd-function-upstream-transaction-utilization
  </jdiameterd-function-upstream-transaction-utilization>
  <jdiameterd-function-downstream-transaction-utilization>
    jdiameterd-function-downstream-transaction-utilization
  </jdiameterd-function-downstream-transaction-utilization>

```

```
<jdiameterd-function-network-transmission-queue-memory-utilization>
  jdiameterd-function-network-transmission-queue-memory-utilization
</jdiameterd-function-network-transmission-queue-memory-utilization>
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  jdiameterd-function-function-transmission-queue-memory-utilization
</jdiameterd-function-function-transmission-queue-memory-utilization>
<jdiameterd-function-routed-dests>
  jdiameterd-function-routed-dests
</jdiameterd-function-routed-dests>
</jdiameterd-function-list>
```

Description Diameter functions

<jdiameterd-function-list>

Usage

```
<jdiameterd-node-information>
  <jdiameterd-function-list>
    <jdiameterd-function-name>
      jdiameterd-function-name
    </jdiameterd-function-name>
    <jdiameterd-function-state>
      jdiameterd-function-state
    </jdiameterd-function-state>
    <jdiameterd-function-upstream-transaction-utilization>
      jdiameterd-function-upstream-transaction-utilization
    </jdiameterd-function-upstream-transaction-utilization>
    <jdiameterd-function-downstream-transaction-utilization>
      jdiameterd-function-downstream-transaction-utilization
    </jdiameterd-function-downstream-transaction-utilization>
    <jdiameterd-function-network-transmission-queue-memory-utilization>
      jdiameterd-function-network-transmission-queue-memory-utilization
    </jdiameterd-function-network-transmission-queue-memory-utilization>
    <jdiameterd-function-function-transmission-queue-memory-utilization>
      jdiameterd-function-function-transmission-queue-memory-utilization
    </jdiameterd-function-function-transmission-queue-memory-utilization>
    <jdiameterd-function-routed-dests>
      jdiameterd-function-routed-dests
    </jdiameterd-function-routed-dests>
  </jdiameterd-function-list>
</jdiameterd-node-information>
```

Description Diameter functions

<jdiameterd-function-list>

Usage

```
<jdiameterd-function-information>
  <jdiameterd-function-list>
    <jdiameterd-function-name>
      jdiameterd-function-name
    </jdiameterd-function-name>
    <jdiameterd-function-state>
```

```

    jdiameterd-function-state
  </jdiameterd-function-state>
  <jdiameterd-function-upstream-transaction-utilization>
    jdiameterd-function-upstream-transaction-utilization
  </jdiameterd-function-upstream-transaction-utilization>
  <jdiameterd-function-downstream-transaction-utilization>
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  </jdiameterd-function-downstream-transaction-utilization>
  <jdiameterd-function-network-transmission-queue-memory-utilization>
    jdiameterd-function-network-transmission-queue-memory-utilization
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  <jdiameterd-function-function-transmission-queue-memory-utilization>
    jdiameterd-function-function-transmission-queue-memory-utilization
  </jdiameterd-function-function-transmission-queue-memory-utilization>
  <jdiameterd-function-routed-dests>
    jdiameterd-function-routed-dests
  </jdiameterd-function-routed-dests>
</jdiameterd-function-list>
</jdiameterd-function-information>

```

Description Diameter functions

<jdiameterd-function-statistics-brief>

Usage

```

<jdiameterd-function-statistics-brief>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-connection-count>
    jdiameterd-function-connection-count
  </jdiameterd-function-connection-count>
  <jdiameterd-function-network-received-requests-deliveries>
    jdiameterd-function-network-received-requests-deliveries
  </jdiameterd-function-network-received-requests-deliveries>
  <jdiameterd-function-network-received-requests-deliveries-total>
    jdiameterd-function-network-received-requests-deliveries-total
  </jdiameterd-function-network-received-requests-deliveries-total>
  <jdiameterd-function-network-received-answer-deliveries>
    jdiameterd-function-network-received-answer-deliveries
  </jdiameterd-function-network-received-answer-deliveries>
  <jdiameterd-function-network-received-answer-deliveries-total>
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    jdiameterd-function-network-received-message-deliveries
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  <jdiameterd-function-network-received-message-deliveries-total>
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  <jdiameterd-function-function-received-requests-forwarded>
    jdiameterd-function-function-received-requests-forwarded
  </jdiameterd-function-function-received-requests-forwarded>
  <jdiameterd-function-function-received-requests-forwarded-total>

```

```

    jdiameterd-function-function-received-requests-forwarded-total
  </jdiameterd-function-function-received-requests-forwarded-total>
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    jdiameterd-function-function-received-answers-forwarded
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    jdiameterd-function-function-received-messages-forwarded
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  </jdiameterd-function-function-received-messages-forwarded-total>
</jdiameterd-function-statistics-brief>

```

Description Function statistics

<jdiameterd-function-statistics-brief>

Usage

```

<jdiameterd-function-statistics-information>
  <jdiameterd-function-statistics-brief>
    <jdiameterd-function-name>
      jdiameterd-function-name
    </jdiameterd-function-name>
    <jdiameterd-function-connection-count>
      jdiameterd-function-connection-count
    </jdiameterd-function-connection-count>
    <jdiameterd-function-network-received-requests-deliveries>
      jdiameterd-function-network-received-requests-deliveries
    </jdiameterd-function-network-received-requests-deliveries>
    <jdiameterd-function-network-received-requests-deliveries-total>
      jdiameterd-function-network-received-requests-deliveries-total
    </jdiameterd-function-network-received-requests-deliveries-total>
    <jdiameterd-function-network-received-answer-deliveries>
      jdiameterd-function-network-received-answer-deliveries
    </jdiameterd-function-network-received-answer-deliveries>
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    </jdiameterd-function-network-received-answer-deliveries-total>
    <jdiameterd-function-network-received-message-deliveries>
      jdiameterd-function-network-received-message-deliveries
    </jdiameterd-function-network-received-message-deliveries>
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      jdiameterd-function-network-received-message-deliveries-total
    </jdiameterd-function-network-received-message-deliveries-total>
    <jdiameterd-function-function-received-requests-forwarded>
      jdiameterd-function-function-received-requests-forwarded
    </jdiameterd-function-function-received-requests-forwarded>
    <jdiameterd-function-function-received-requests-forwarded-total>
      jdiameterd-function-function-received-requests-forwarded-total
    </jdiameterd-function-function-received-requests-forwarded-total>
    <jdiameterd-function-function-received-answers-forwarded>

```

```

    jdiameterd-function-function-received-answers-forwarded
  </jdiameterd-function-function-received-answers-forwarded>
  <jdiameterd-function-function-received-answers-forwarded-total>
    jdiameterd-function-function-received-answers-forwarded-total
  </jdiameterd-function-function-received-answers-forwarded-total>
  <jdiameterd-function-function-received-messages-forwarded>
    jdiameterd-function-function-received-messages-forwarded
  </jdiameterd-function-function-received-messages-forwarded>
  <jdiameterd-function-function-received-messages-forwarded-total>
    jdiameterd-function-function-received-messages-forwarded-total
  </jdiameterd-function-function-received-messages-forwarded-total>
  </jdiameterd-function-statistics-brief>
</jdiameterd-function-statistics-information>

```

Description Function statistics

<jdiameterd-function-statistics-data>

Usage

```

<jdiameterd-function-statistics-data>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-connection-count>
    jdiameterd-function-connection-count
  </jdiameterd-function-connection-count>
  <jdiameterd-function-network-received-requests-deliveries>
    jdiameterd-function-network-received-requests-deliveries
  </jdiameterd-function-network-received-requests-deliveries>
  <jdiameterd-function-network-received-requests-deliveries-total>
    jdiameterd-function-network-received-requests-deliveries-total
  </jdiameterd-function-network-received-requests-deliveries-total>
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  </jdiameterd-function-network-received-answer-deliveries>
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  </jdiameterd-function-function-received-answers-forwarded>
  <jdiameterd-function-function-received-answers-forwarded-total>

```

```
    jiameterd-function-function-received-answers-forwarded-total
  </jiameterd-function-function-received-answers-forwarded-total>
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```

```

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</jdiameterd-function-function-receive-message-failures-total>
</jdiameterd-function-statistics-data>

```

Description Function statistics

<jdiameterd-function-statistics-data>

Usage

```

<jdiameterd-function-statistics-information>
<jdiameterd-function-statistics-data>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-connection-count>
    jdiameterd-function-connection-count
  </jdiameterd-function-connection-count>
  <jdiameterd-function-network-received-requests-deliveries>
    jdiameterd-function-network-received-requests-deliveries
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  </jdiameterd-function-network-received-answer-deliveries-total>
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  </jdiameterd-function-network-received-message-deliveries>

```

```
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```



```

</jdiaterd-function-network-received-message-delivery-fails-total>
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</jdiaterd-function-function-receive-message-failures-total>
</jdiaterd-function-statistics-data>
</jdiaterd-function-statistics-information>

```

Description Function statistics

<jdiaterd-function-statistics-error>

Usage

```

<jdiaterd-function-statistics-information>
  <jdiaterd-function-statistics-error>
</jdiaterd-function-statistics-error>
</jdiaterd-function-statistics-information>

```

Description

<jdiameterd-function-statistics-information>

Usage

```
<jdiameterd-function-statistics-information>
  <jdiameterd-function-statistics-list>....</jdiameterd-function-statistics-list>
  <jdiameterd-function-statistics-brief>....</jdiameterd-function-statistics-brief>
  <jdiameterd-function-statistics-data>....</jdiameterd-function-statistics-data>
  <jdiameterd-function-statistics-not-found>
    jdiameterd-function-statistics-not-found
  </jdiameterd-function-statistics-not-found>
  <jdiameterd-function-statistics-error>....</jdiameterd-function-statistics-error>
</jdiameterd-function-statistics-information>
```

Description Diameter function statistics

<jdiameterd-function-statistics-list>

Usage

```
<jdiameterd-function-statistics-list>
  <jdiameterd-function-name>
    jdiameterd-function-name
  </jdiameterd-function-name>
  <jdiameterd-function-network-received-requests-deliveries>
    jdiameterd-function-network-received-requests-deliveries
  </jdiameterd-function-network-received-requests-deliveries>
  <jdiameterd-function-network-received-answer-deliveries>
    jdiameterd-function-network-received-answer-deliveries
  </jdiameterd-function-network-received-answer-deliveries>
  <jdiameterd-function-network-received-message-deliveries>
    jdiameterd-function-network-received-message-deliveries
  </jdiameterd-function-network-received-message-deliveries>
  <jdiameterd-function-function-received-requests-forwarded>
    jdiameterd-function-function-received-requests-forwarded
  </jdiameterd-function-function-received-requests-forwarded>
  <jdiameterd-function-function-received-answers-forwarded>
    jdiameterd-function-function-received-answers-forwarded
  </jdiameterd-function-function-received-answers-forwarded>
  <jdiameterd-function-function-received-messages-forwarded>
    jdiameterd-function-function-received-messages-forwarded
  </jdiameterd-function-function-received-messages-forwarded>
</jdiameterd-function-statistics-list>
```

Description Function statistics summary

<jdiameterd-function-statistics-list>

Usage

```
<jdiameterd-function-statistics-information>
  <jdiameterd-function-statistics-list>
    <jdiameterd-function-name>
      jdiameterd-function-name
    </jdiameterd-function-name>
```

```

<jdiameterd-function-network-received-requests-deliveries>
  jdiameterd-function-network-received-requests-deliveries
</jdiameterd-function-network-received-requests-deliveries>
<jdiameterd-function-network-received-answer-deliveries>
  jdiameterd-function-network-received-answer-deliveries
</jdiameterd-function-network-received-answer-deliveries>
<jdiameterd-function-network-received-message-deliveries>
  jdiameterd-function-network-received-message-deliveries
</jdiameterd-function-network-received-message-deliveries>
<jdiameterd-function-function-received-requests-forwarded>
  jdiameterd-function-function-received-requests-forwarded
</jdiameterd-function-function-received-requests-forwarded>
<jdiameterd-function-function-received-answers-forwarded>
  jdiameterd-function-function-received-answers-forwarded
</jdiameterd-function-function-received-answers-forwarded>
<jdiameterd-function-function-received-messages-forwarded>
  jdiameterd-function-function-received-messages-forwarded
</jdiameterd-function-function-received-messages-forwarded>
</jdiameterd-function-statistics-list>
</jdiameterd-function-statistics-information>

```

Description Function statistics summary

<jdiameterd-instance-brief>

Usage

```

<jdiameterd-instance-brief>
  <jdiameterd-instance-name>
    jdiameterd-instance-name
  </jdiameterd-instance-name>
  <jdiameterd-instance-origin-realm>
    jdiameterd-instance-origin-realm
  </jdiameterd-instance-origin-realm>
  <jdiameterd-instance-origin-host>
    jdiameterd-instance-origin-host
  </jdiameterd-instance-origin-host>
  <jdiameterd-instance-total-network-elements>
    jdiameterd-instance-total-network-elements
  </jdiameterd-instance-total-network-elements>
  <jdiameterd-instance-connected-network-elements>
    jdiameterd-instance-connected-network-elements
  </jdiameterd-instance-connected-network-elements>
</jdiameterd-instance-brief>

```

Description Diameter instance

<jdiameterd-instance-brief>

Usage

```

<jdiameterd-instance-information>
  <jdiameterd-instance-brief>
    <jdiameterd-instance-name>
      jdiameterd-instance-name
    
```

```
</jdiameterd-instance-name>
<jdiameterd-instance-origin-realm>
  jdiameterd-instance-origin-realm
</jdiameterd-instance-origin-realm>
<jdiameterd-instance-origin-host>
  jdiameterd-instance-origin-host
</jdiameterd-instance-origin-host>
<jdiameterd-instance-total-network-elements>
  jdiameterd-instance-total-network-elements
</jdiameterd-instance-total-network-elements>
<jdiameterd-instance-connected-network-elements>
  jdiameterd-instance-connected-network-elements
</jdiameterd-instance-connected-network-elements>
<jdiameterd-instance-brief>
</jdiameterd-instance-information>
```

Description Diameter instance

<jdiameterd-instance-error>

Usage

```
<jdiameterd-instance-information>
  <jdiameterd-instance-error>
</jdiameterd-instance-error>
</jdiameterd-instance-information>
```

Description

<jdiameterd-instance-information>

Usage

```
<jdiameterd-instance-information>
  <jdiameterd-instance-list>....</jdiameterd-instance-list>
  <jdiameterd-instance-brief>....</jdiameterd-instance-brief>
  <jdiameterd-instance-not-found>
    jdiameterd-instance-not-found
  </jdiameterd-instance-not-found>
  <jdiameterd-instance-error>....</jdiameterd-instance-error>
</jdiameterd-instance-information>
```

Description Diameter instance information

<jdiameterd-instance-list>

Usage

```
<jdiameterd-instance-list>
  <jdiameterd-instance-name>
    jdiameterd-instance-name
  </jdiameterd-instance-name>
  <jdiameterd-instance-origin-realm>
    jdiameterd-instance-origin-realm
  </jdiameterd-instance-origin-realm>
```

```

<jdiameterd-instance-origin-host>
  jdiameterd-instance-origin-host
</jdiameterd-instance-origin-host>
<jdiameterd-instance-total-network-elements>
  jdiameterd-instance-total-network-elements
</jdiameterd-instance-total-network-elements>
<jdiameterd-instance-connected-network-elements>
  jdiameterd-instance-connected-network-elements
</jdiameterd-instance-connected-network-elements>
</jdiameterd-instance-list>

```

Description Diameter instances

<jdiameterd-instance-list>

Usage

```

<jdiameterd-node-information>
  <jdiameterd-instance-list>
    <jdiameterd-instance-name>
      jdiameterd-instance-name
    </jdiameterd-instance-name>
    <jdiameterd-instance-origin-realm>
      jdiameterd-instance-origin-realm
    </jdiameterd-instance-origin-realm>
    <jdiameterd-instance-origin-host>
      jdiameterd-instance-origin-host
    </jdiameterd-instance-origin-host>
    <jdiameterd-instance-total-network-elements>
      jdiameterd-instance-total-network-elements
    </jdiameterd-instance-total-network-elements>
    <jdiameterd-instance-connected-network-elements>
      jdiameterd-instance-connected-network-elements
    </jdiameterd-instance-connected-network-elements>
  </jdiameterd-instance-list>
</jdiameterd-node-information>

```

Description Diameter instances

<jdiameterd-instance-list>

Usage

```

<jdiameterd-instance-information>
  <jdiameterd-instance-list>
    <jdiameterd-instance-name>
      jdiameterd-instance-name
    </jdiameterd-instance-name>
    <jdiameterd-instance-origin-realm>
      jdiameterd-instance-origin-realm
    </jdiameterd-instance-origin-realm>
    <jdiameterd-instance-origin-host>
      jdiameterd-instance-origin-host
    </jdiameterd-instance-origin-host>
    <jdiameterd-instance-total-network-elements>

```

```
    jdiameterd-instance-total-network-elements
  </jdiameterd-instance-total-network-elements>
  <jdiameterd-instance-connected-network-elements>
    jdiameterd-instance-connected-network-elements
  </jdiameterd-instance-connected-network-elements>
</jdiameterd-instance-list>
</jdiameterd-instance-information>
```

Description Diameter instances

<jdiameterd-network-element-brief>

Usage

```
<jdiameterd-network-element-brief>
  <jdiameterd-network-element-name>
    jdiameterd-network-element-name
  </jdiameterd-network-element-name>
  <jdiameterd-network-element-instance-name>
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-state>
    jdiameterd-network-element-state
  </jdiameterd-network-element-state>
  <jdiameterd-network-element-primary-peer>
    jdiameterd-network-element-primary-peer
  </jdiameterd-network-element-primary-peer>
  <jdiameterd-network-element-secondary-peer>
    jdiameterd-network-element-secondary-peer
  </jdiameterd-network-element-secondary-peer>
</jdiameterd-network-element-brief>
```

Description Diameter network-elements

<jdiameterd-network-element-brief>

Usage

```
<jdiameterd-network-element-information>
  <jdiameterd-network-element-brief>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
      jdiameterd-network-element-instance-name
    </jdiameterd-network-element-instance-name>
    <jdiameterd-network-element-state>
      jdiameterd-network-element-state
    </jdiameterd-network-element-state>
    <jdiameterd-network-element-primary-peer>
      jdiameterd-network-element-primary-peer
    </jdiameterd-network-element-primary-peer>
    <jdiameterd-network-element-secondary-peer>
      jdiameterd-network-element-secondary-peer
    </jdiameterd-network-element-secondary-peer>
  </jdiameterd-network-element-brief>
```

```

</jdiameterd-network-element-brief>
</jdiameterd-network-element-information>

```

Description Diameter network-elements

<jdiameterd-network-element-data>

Usage

```

<jdiameterd-network-element-data>
  <jdiameterd-network-element-name>
    jdiameterd-network-element-name
  </jdiameterd-network-element-name>
  <jdiameterd-network-element-instance-name>
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-state>
    jdiameterd-network-element-state
  </jdiameterd-network-element-state>
  <jdiameterd-network-element-primary-peer>
    jdiameterd-network-element-primary-peer
  </jdiameterd-network-element-primary-peer>
  <jdiameterd-network-element-secondary-peer>
    jdiameterd-network-element-secondary-peer
  </jdiameterd-network-element-secondary-peer>
  <jdiameterd-network-element-total-peers>
    jdiameterd-network-element-total-peers
  </jdiameterd-network-element-total-peers>
  <jdiameterd-network-element-activated-peers>
    jdiameterd-network-element-activated-peers
  </jdiameterd-network-element-activated-peers>
  <jdiameterd-network-element-open-peers>
    jdiameterd-network-element-open-peers
  </jdiameterd-network-element-open-peers>
  <jdiameterd-network-element-total-routes>
    jdiameterd-network-element-total-routes
  </jdiameterd-network-element-total-routes>
  <jdiameterd-network-element-invalid-routes>
    jdiameterd-network-element-invalid-routes
  </jdiameterd-network-element-invalid-routes>
  <jdiameterd-network-element-peer-activation-delay>
    jdiameterd-network-element-peer-activation-delay
  </jdiameterd-network-element-peer-activation-delay>
  <jdiameterd-network-element-first-selection-delay>
    jdiameterd-network-element-first-selection-delay
  </jdiameterd-network-element-first-selection-delay>
  <jdiameterd-network-element-post-selection-delay>
    jdiameterd-network-element-post-selection-delay
  </jdiameterd-network-element-post-selection-delay>
</jdiameterd-network-element-data>

```

Description Diameter network-elements

<jdiameterd-network-element-data>

Usage

```
<jdiameterd-network-element-information>
  <jdiameterd-network-element-data>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
      jdiameterd-network-element-instance-name
    </jdiameterd-network-element-instance-name>
    <jdiameterd-network-element-state>
      jdiameterd-network-element-state
    </jdiameterd-network-element-state>
    <jdiameterd-network-element-primary-peer>
      jdiameterd-network-element-primary-peer
    </jdiameterd-network-element-primary-peer>
    <jdiameterd-network-element-secondary-peer>
      jdiameterd-network-element-secondary-peer
    </jdiameterd-network-element-secondary-peer>
    <jdiameterd-network-element-total-peers>
      jdiameterd-network-element-total-peers
    </jdiameterd-network-element-total-peers>
    <jdiameterd-network-element-activated-peers>
      jdiameterd-network-element-activated-peers
    </jdiameterd-network-element-activated-peers>
    <jdiameterd-network-element-open-peers>
      jdiameterd-network-element-open-peers
    </jdiameterd-network-element-open-peers>
    <jdiameterd-network-element-total-routes>
      jdiameterd-network-element-total-routes
    </jdiameterd-network-element-total-routes>
    <jdiameterd-network-element-invalid-routes>
      jdiameterd-network-element-invalid-routes
    </jdiameterd-network-element-invalid-routes>
    <jdiameterd-network-element-peer-activation-delay>
      jdiameterd-network-element-peer-activation-delay
    </jdiameterd-network-element-peer-activation-delay>
    <jdiameterd-network-element-first-selection-delay>
      jdiameterd-network-element-first-selection-delay
    </jdiameterd-network-element-first-selection-delay>
    <jdiameterd-network-element-post-selection-delay>
      jdiameterd-network-element-post-selection-delay
    </jdiameterd-network-element-post-selection-delay>
  </jdiameterd-network-element-data>
</jdiameterd-network-element-information>
```

Description Diameter network-elements

<jdiameterd-network-element-error>

Usage

```
<jdiameterd-network-element-information>
  <jdiameterd-network-element-error>
```



```
</jdiameterd-network-element-error>
</jdiameterd-network-element-information>
```

Description

<jdiameterd-network-element-information>

Usage

```
<jdiameterd-network-element-information>
  <jdiameterd-network-element-list>....</jdiameterd-network-element-list>
  <jdiameterd-network-element-brief>....</jdiameterd-network-element-brief>
  <jdiameterd-network-element-data>....</jdiameterd-network-element-data>
  <jdiameterd-network-element-not-found>
    jdiameterd-network-element-not-found
  </jdiameterd-network-element-not-found>
  <jdiameterd-network-element-error>....</jdiameterd-network-element-error>
</jdiameterd-network-element-information>
```

Description Diameter network element information

<jdiameterd-network-element-list>

Usage

```
<jdiameterd-network-element-list>
  <jdiameterd-network-element-name>
    jdiameterd-network-element-name
  </jdiameterd-network-element-name>
  <jdiameterd-network-element-instance-name>
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-state>
    jdiameterd-network-element-state
  </jdiameterd-network-element-state>
  <jdiameterd-network-element-primary-peer>
    jdiameterd-network-element-primary-peer
  </jdiameterd-network-element-primary-peer>
  <jdiameterd-network-element-secondary-peer>
    jdiameterd-network-element-secondary-peer
  </jdiameterd-network-element-secondary-peer>
</jdiameterd-network-element-list>
```

Description Diameter network-elements

<jdiameterd-network-element-list>

Usage

```
<jdiameterd-node-information>
  <jdiameterd-network-element-list>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
```

```
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-state>
    jdiameterd-network-element-state
  </jdiameterd-network-element-state>
  <jdiameterd-network-element-primary-peer>
    jdiameterd-network-element-primary-peer
  </jdiameterd-network-element-primary-peer>
  <jdiameterd-network-element-secondary-peer>
    jdiameterd-network-element-secondary-peer
  </jdiameterd-network-element-secondary-peer>
</jdiameterd-network-element-list>
</jdiameterd-node-information>
```

Description Diameter network-elements

<jdiameterd-network-element-list>

Usage

```
<jdiameterd-network-element-information>
  <jdiameterd-network-element-list>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
      jdiameterd-network-element-instance-name
    </jdiameterd-network-element-instance-name>
    <jdiameterd-network-element-state>
      jdiameterd-network-element-state
    </jdiameterd-network-element-state>
    <jdiameterd-network-element-primary-peer>
      jdiameterd-network-element-primary-peer
    </jdiameterd-network-element-primary-peer>
    <jdiameterd-network-element-secondary-peer>
      jdiameterd-network-element-secondary-peer
    </jdiameterd-network-element-secondary-peer>
  </jdiameterd-network-element-list>
</jdiameterd-network-element-information>
```

Description Diameter network-elements

<jdiameterd-network-element-map-data>

Usage

```
<jdiameterd-network-element-map-data>
  <jdiameterd-network-element-name>
    jdiameterd-network-element-name
  </jdiameterd-network-element-name>
  <jdiameterd-network-element-instance-name>
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-peer-name>
    jdiameterd-network-element-peer-name
```

```

</jdiameterd-network-element-peer-name>
<jdiameterd-network-element-peer-priority>
  jdiameterd-network-element-peer-priority
</jdiameterd-network-element-peer-priority>
<jdiameterd-network-element-peer-usage>
  jdiameterd-network-element-peer-usage
</jdiameterd-network-element-peer-usage>
</jdiameterd-network-element-map-data>

```

Description Diameter peers used by network-elements

<jdiameterd-network-element-map-data>

Usage

```

<jdiameterd-network-element-map-information>
  <jdiameterd-network-element-map-data>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
      jdiameterd-network-element-instance-name
    </jdiameterd-network-element-instance-name>
    <jdiameterd-network-element-peer-name>
      jdiameterd-network-element-peer-name
    </jdiameterd-network-element-peer-name>
    <jdiameterd-network-element-peer-priority>
      jdiameterd-network-element-peer-priority
    </jdiameterd-network-element-peer-priority>
    <jdiameterd-network-element-peer-usage>
      jdiameterd-network-element-peer-usage
    </jdiameterd-network-element-peer-usage>
  </jdiameterd-network-element-map-data>
</jdiameterd-network-element-map-information>

```

Description Diameter peers used by network-elements

<jdiameterd-network-element-map-error>

Usage

```

<jdiameterd-network-element-map-information>
  <jdiameterd-network-element-map-error>
</jdiameterd-network-element-map-error>
</jdiameterd-network-element-map-information>

```

Description

<jdiameterd-network-element-map-information>

Usage

```

<jdiameterd-network-element-map-information>

<jdiameterd-network-element-map-list>....</jdiameterd-network-element-map-list>

```

```
<jdiameterd-network-element-map-data>....</jdiameterd-network-element-map-data>

<jdiameterd-network-element-map-not-found>
  jdiameterd-network-element-map-not-found
</jdiameterd-network-element-map-not-found>

<jdiameterd-network-element-map-error>....</jdiameterd-network-element-map-error>

</jdiameterd-network-element-map-information>
```

Description Diameter network element map information

<jdiameterd-network-element-map-list>

Usage

```
<jdiameterd-network-element-map-list>
  <jdiameterd-network-element-name>
    jdiameterd-network-element-name
  </jdiameterd-network-element-name>
  <jdiameterd-network-element-instance-name>
    jdiameterd-network-element-instance-name
  </jdiameterd-network-element-instance-name>
  <jdiameterd-network-element-peer-name>
    jdiameterd-network-element-peer-name
  </jdiameterd-network-element-peer-name>
  <jdiameterd-network-element-peer-priority>
    jdiameterd-network-element-peer-priority
  </jdiameterd-network-element-peer-priority>
  <jdiameterd-network-element-peer-usage>
    jdiameterd-network-element-peer-usage
  </jdiameterd-network-element-peer-usage>
</jdiameterd-network-element-map-list>
```

Description Diameter peers used by network-elements

<jdiameterd-network-element-map-list>

Usage

```
<jdiameterd-network-element-map-information>
  <jdiameterd-network-element-map-list>
    <jdiameterd-network-element-name>
      jdiameterd-network-element-name
    </jdiameterd-network-element-name>
    <jdiameterd-network-element-instance-name>
      jdiameterd-network-element-instance-name
    </jdiameterd-network-element-instance-name>
    <jdiameterd-network-element-peer-name>
      jdiameterd-network-element-peer-name
    </jdiameterd-network-element-peer-name>
    <jdiameterd-network-element-peer-priority>
      jdiameterd-network-element-peer-priority
    </jdiameterd-network-element-peer-priority>
```

```

    <jdiameterd-network-element-peer-usage>
      jdiameterd-network-element-peer-usage
    </jdiameterd-network-element-peer-usage>
  </jdiameterd-network-element-map-list>
</jdiameterd-network-element-map-information>

```

Description Diameter peers used by network-elements

<jdiameterd-node-information>

Usage

```

<jdiameterd-node-information>
  <jdiameterd-node-summary>....</jdiameterd-node-summary>
  <jdiameterd-function-list>....</jdiameterd-function-list>
  <jdiameterd-instance-list>....</jdiameterd-instance-list>
  <jdiameterd-network-element-list>....</jdiameterd-network-element-list>
  <jdiameterd-peer-list>....</jdiameterd-peer-list>
  <jdiameterd-route-list>....</jdiameterd-route-list>
</jdiameterd-node-information>

```

Description Diameter information

<jdiameterd-node-summary>

Usage

```

<jdiameterd-node-summary>
  <jdiameterd-node-pid>
    jdiameterd-node-pid
  </jdiameterd-node-pid>
  <jdiameterd-node-total-functions>
    jdiameterd-node-total-functions
  </jdiameterd-node-total-functions>
  <jdiameterd-node-connected-functions>
    jdiameterd-node-connected-functions
  </jdiameterd-node-connected-functions>
  <jdiameterd-node-instances>
    jdiameterd-node-instances
  </jdiameterd-node-instances>
  <jdiameterd-node-total-network-elements>
    jdiameterd-node-total-network-elements
  </jdiameterd-node-total-network-elements>
  <jdiameterd-node-connected-network-elements>
    jdiameterd-node-connected-network-elements
  </jdiameterd-node-connected-network-elements>
  <jdiameterd-node-total-peers>
    jdiameterd-node-total-peers
  </jdiameterd-node-total-peers>
  <jdiameterd-node-activated-peers>
    jdiameterd-node-activated-peers
  </jdiameterd-node-activated-peers>
  <jdiameterd-node-open-peers>
    jdiameterd-node-open-peers
  </jdiameterd-node-open-peers>

```

```
<jdiameterd-node-total-transports>
  jdiameterd-node-total-transports
</jdiameterd-node-total-transports>
<jdiameterd-node-network-transmission-queue-requests>
  jdiameterd-node-network-transmission-queue-requests
</jdiameterd-node-network-transmission-queue-requests>
<jdiameterd-node-network-transmission-queue-answers>
  jdiameterd-node-network-transmission-queue-answers
</jdiameterd-node-network-transmission-queue-answers>
<jdiameterd-node-expected-answers-from-network>
  jdiameterd-node-expected-answers-from-network
</jdiameterd-node-expected-answers-from-network>
<jdiameterd-node-function-transmission-queue-requests>
  jdiameterd-node-function-transmission-queue-requests
</jdiameterd-node-function-transmission-queue-requests>
<jdiameterd-node-function-transmission-queue-answers>
  jdiameterd-node-function-transmission-queue-answers
</jdiameterd-node-function-transmission-queue-answers>
<jdiameterd-node-expected-answers-from-function>
  jdiameterd-node-expected-answers-from-function
</jdiameterd-node-expected-answers-from-function>
<jdiameterd-node-network-transmission-queue-memory>
  jdiameterd-node-network-transmission-queue-memory
</jdiameterd-node-network-transmission-queue-memory>
<jdiameterd-node-function-transmission-queue-memory>
  jdiameterd-node-function-transmission-queue-memory
</jdiameterd-node-function-transmission-queue-memory>
</jdiameterd-node-summary>
```

Description Diameter node information

<jdiameterd-node-summary>

Usage

```
<jdiameterd-node-information>
  <jdiameterd-node-summary>
    <jdiameterd-node-pid>
      jdiameterd-node-pid
    </jdiameterd-node-pid>
    <jdiameterd-node-total-functions>
      jdiameterd-node-total-functions
    </jdiameterd-node-total-functions>
    <jdiameterd-node-connected-functions>
      jdiameterd-node-connected-functions
    </jdiameterd-node-connected-functions>
    <jdiameterd-node-instances>
      jdiameterd-node-instances
    </jdiameterd-node-instances>
    <jdiameterd-node-total-network-elements>
      jdiameterd-node-total-network-elements
    </jdiameterd-node-total-network-elements>
    <jdiameterd-node-connected-network-elements>
      jdiameterd-node-connected-network-elements
    </jdiameterd-node-connected-network-elements>
```

```

<jdiameterd-node-total-peers>
  jdiameterd-node-total-peers
</jdiameterd-node-total-peers>
<jdiameterd-node-activated-peers>
  jdiameterd-node-activated-peers
</jdiameterd-node-activated-peers>
<jdiameterd-node-open-peers>
  jdiameterd-node-open-peers
</jdiameterd-node-open-peers>
<jdiameterd-node-total-transports>
  jdiameterd-node-total-transports
</jdiameterd-node-total-transports>
<jdiameterd-node-network-transmission-queue-requests>
  jdiameterd-node-network-transmission-queue-requests
</jdiameterd-node-network-transmission-queue-requests>
<jdiameterd-node-network-transmission-queue-answers>
  jdiameterd-node-network-transmission-queue-answers
</jdiameterd-node-network-transmission-queue-answers>
<jdiameterd-node-expected-answers-from-network>
  jdiameterd-node-expected-answers-from-network
</jdiameterd-node-expected-answers-from-network>
<jdiameterd-node-function-transmission-queue-requests>
  jdiameterd-node-function-transmission-queue-requests
</jdiameterd-node-function-transmission-queue-requests>
<jdiameterd-node-function-transmission-queue-answers>
  jdiameterd-node-function-transmission-queue-answers
</jdiameterd-node-function-transmission-queue-answers>
<jdiameterd-node-expected-answers-from-function>
  jdiameterd-node-expected-answers-from-function
</jdiameterd-node-expected-answers-from-function>
<jdiameterd-node-network-transmission-queue-memory>
  jdiameterd-node-network-transmission-queue-memory
</jdiameterd-node-network-transmission-queue-memory>
<jdiameterd-node-function-transmission-queue-memory>
  jdiameterd-node-function-transmission-queue-memory
</jdiameterd-node-function-transmission-queue-memory>
</jdiameterd-node-summary>
</jdiameterd-node-information>

```

Description Diameter node information

<jdiameterd-peer-brief>

Usage

```

<jdiameterd-peer-brief>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
  </jdiameterd-peer-name>
  <jdiameterd-instance-name>
    jdiameterd-instance-name
  </jdiameterd-instance-name>
  <jdiameterd-peer-state>
    jdiameterd-peer-state
  </jdiameterd-peer-state>

```

```
<jdiameterd-peer-network-element-count>
  jdiameterd-peer-network-element-count
</jdiameterd-peer-network-element-count>
<jdiameterd-peer-activated-count>
  jdiameterd-peer-activated-count
</jdiameterd-peer-activated-count>
<jdiameterd-peer-primary-count>
  jdiameterd-peer-primary-count
</jdiameterd-peer-primary-count>
<jdiameterd-peer-secondary-count>
  jdiameterd-peer-secondary-count
</jdiameterd-peer-secondary-count>
<jdiameterd-peer-vrf>
  jdiameterd-peer-vrf
</jdiameterd-peer-vrf>
<jdiameterd-peer-remote-address>
  jdiameterd-peer-remote-address
</jdiameterd-peer-remote-address>
<jdiameterd-peer-remote-port>
  jdiameterd-peer-remote-port
</jdiameterd-peer-remote-port>
<jdiameterd-peer-remote-realm>
  jdiameterd-peer-remote-realm
</jdiameterd-peer-remote-realm>
<jdiameterd-peer-remote-host>
  jdiameterd-peer-remote-host
</jdiameterd-peer-remote-host>
</jdiameterd-peer-brief>
```

Description Peer brief

<jdiameterd-peer-brief>

Usage

```
<jdiameterd-peer-information>
  <jdiameterd-peer-brief>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-instance-name>
      jdiameterd-instance-name
    </jdiameterd-instance-name>
    <jdiameterd-peer-state>
      jdiameterd-peer-state
    </jdiameterd-peer-state>
    <jdiameterd-peer-network-element-count>
      jdiameterd-peer-network-element-count
    </jdiameterd-peer-network-element-count>
    <jdiameterd-peer-activated-count>
      jdiameterd-peer-activated-count
    </jdiameterd-peer-activated-count>
    <jdiameterd-peer-primary-count>
      jdiameterd-peer-primary-count
    </jdiameterd-peer-primary-count>
```



```

<jdiameterd-peer-secondary-count>
  jdiameterd-peer-secondary-count
</jdiameterd-peer-secondary-count>
<jdiameterd-peer-vrf>
  jdiameterd-peer-vrf
</jdiameterd-peer-vrf>
<jdiameterd-peer-remote-address>
  jdiameterd-peer-remote-address
</jdiameterd-peer-remote-address>
<jdiameterd-peer-remote-port>
  jdiameterd-peer-remote-port
</jdiameterd-peer-remote-port>
<jdiameterd-peer-remote-realm>
  jdiameterd-peer-remote-realm
</jdiameterd-peer-remote-realm>
<jdiameterd-peer-remote-host>
  jdiameterd-peer-remote-host
</jdiameterd-peer-remote-host>
</jdiameterd-peer-brief>
</jdiameterd-peer-information>

```

Description Peer brief

<jdiameterd-peer-data>

Usage

```

<jdiameterd-peer-data>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
  </jdiameterd-peer-name>
  <jdiameterd-instance-name>
    jdiameterd-instance-name
  </jdiameterd-instance-name>
  <jdiameterd-peer-state>
    jdiameterd-peer-state
  </jdiameterd-peer-state>
  <jdiameterd-peer-network-element-count>
    jdiameterd-peer-network-element-count
  </jdiameterd-peer-network-element-count>
  <jdiameterd-peer-activated-count>
    jdiameterd-peer-activated-count
  </jdiameterd-peer-activated-count>
  <jdiameterd-peer-primary-count>
    jdiameterd-peer-primary-count
  </jdiameterd-peer-primary-count>
  <jdiameterd-peer-secondary-count>
    jdiameterd-peer-secondary-count
  </jdiameterd-peer-secondary-count>
  <jdiameterd-peer-vrf>
    jdiameterd-peer-vrf
  </jdiameterd-peer-vrf>
  <jdiameterd-peer-remote-address>
    jdiameterd-peer-remote-address
  </jdiameterd-peer-remote-address>

```

```
<jdiameterd-peer-remote-port>
  jdiameterd-peer-remote-port
</jdiameterd-peer-remote-port>
<jdiameterd-peer-remote-realm>
  jdiameterd-peer-remote-realm
</jdiameterd-peer-remote-realm>
<jdiameterd-peer-remote-host>
  jdiameterd-peer-remote-host
</jdiameterd-peer-remote-host>
<jdiameterd-peer-local-address>
  jdiameterd-peer-local-address
</jdiameterd-peer-local-address>
<jdiameterd-peer-local-port>
  jdiameterd-peer-local-port
</jdiameterd-peer-local-port>
<jdiameterd-peer-local-transport>
  jdiameterd-peer-local-transport
</jdiameterd-peer-local-transport>
<jdiameterd-peer-post-enable-time>
  jdiameterd-peer-post-enable-time
</jdiameterd-peer-post-enable-time>
<jdiameterd-peer-in-state-time>
  jdiameterd-peer-in-state-time
</jdiameterd-peer-in-state-time>
<jdiameterd-peer-in-state-remain-time>
  jdiameterd-peer-in-state-remain-time
</jdiameterd-peer-in-state-remain-time>
<jdiameterd-peer-missed-watch-dogs>
  jdiameterd-peer-missed-watch-dogs
</jdiameterd-peer-missed-watch-dogs>
<jdiameterd-peer-transmission-queue-length>
  jdiameterd-peer-transmission-queue-length
</jdiameterd-peer-transmission-queue-length>
<jdiameterd-peer-answer-count>
  jdiameterd-peer-answer-count
</jdiameterd-peer-answer-count>
<jdiameterd-peer-post-rx-time>
  jdiameterd-peer-post-rx-time
</jdiameterd-peer-post-rx-time>
<jdiameterd-peer-post-rx-remain>
  jdiameterd-peer-post-rx-remain
</jdiameterd-peer-post-rx-remain>
<jdiameterd-peer-op-timeout>
  jdiameterd-peer-op-timeout
</jdiameterd-peer-op-timeout>
<jdiameterd-peer-suspended-timeout>
  jdiameterd-peer-suspended-timeout
</jdiameterd-peer-suspended-timeout>
<jdiameterd-peer-closed-timeout>
  jdiameterd-peer-closed-timeout
</jdiameterd-peer-closed-timeout>
<jdiameterd-peer-connect-timeout>
  jdiameterd-peer-connect-timeout
</jdiameterd-peer-connect-timeout>
</jdiameterd-peer-data>
```

Description Peer information

<jdiameterd-peer-data>

Usage

```
<jdiameterd-peer-information>
  <jdiameterd-peer-data>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-instance-name>
      jdiameterd-instance-name
    </jdiameterd-instance-name>
    <jdiameterd-peer-state>
      jdiameterd-peer-state
    </jdiameterd-peer-state>
    <jdiameterd-peer-network-element-count>
      jdiameterd-peer-network-element-count
    </jdiameterd-peer-network-element-count>
    <jdiameterd-peer-activated-count>
      jdiameterd-peer-activated-count
    </jdiameterd-peer-activated-count>
    <jdiameterd-peer-primary-count>
      jdiameterd-peer-primary-count
    </jdiameterd-peer-primary-count>
    <jdiameterd-peer-secondary-count>
      jdiameterd-peer-secondary-count
    </jdiameterd-peer-secondary-count>
    <jdiameterd-peer-vrf>
      jdiameterd-peer-vrf
    </jdiameterd-peer-vrf>
    <jdiameterd-peer-remote-address>
      jdiameterd-peer-remote-address
    </jdiameterd-peer-remote-address>
    <jdiameterd-peer-remote-port>
      jdiameterd-peer-remote-port
    </jdiameterd-peer-remote-port>
    <jdiameterd-peer-remote-realm>
      jdiameterd-peer-remote-realm
    </jdiameterd-peer-remote-realm>
    <jdiameterd-peer-remote-host>
      jdiameterd-peer-remote-host
    </jdiameterd-peer-remote-host>
    <jdiameterd-peer-local-address>
      jdiameterd-peer-local-address
    </jdiameterd-peer-local-address>
    <jdiameterd-peer-local-port>
      jdiameterd-peer-local-port
    </jdiameterd-peer-local-port>
    <jdiameterd-peer-local-transport>
      jdiameterd-peer-local-transport
    </jdiameterd-peer-local-transport>
    <jdiameterd-peer-post-enable-time>
      jdiameterd-peer-post-enable-time
    </jdiameterd-peer-post-enable-time>
```

```
<jdiameterd-peer-in-state-time>
  jdiameterd-peer-in-state-time
</jdiameterd-peer-in-state-time>
<jdiameterd-peer-in-state-remain-time>
  jdiameterd-peer-in-state-remain-time
</jdiameterd-peer-in-state-remain-time>
<jdiameterd-peer-missed-watch-dogs>
  jdiameterd-peer-missed-watch-dogs
</jdiameterd-peer-missed-watch-dogs>
<jdiameterd-peer-transmission-queue-length>
  jdiameterd-peer-transmission-queue-length
</jdiameterd-peer-transmission-queue-length>
<jdiameterd-peer-answer-count>
  jdiameterd-peer-answer-count
</jdiameterd-peer-answer-count>
<jdiameterd-peer-post-rx-time>
  jdiameterd-peer-post-rx-time
</jdiameterd-peer-post-rx-time>
<jdiameterd-peer-post-rx-remain>
  jdiameterd-peer-post-rx-remain
</jdiameterd-peer-post-rx-remain>
<jdiameterd-peer-op-timeout>
  jdiameterd-peer-op-timeout
</jdiameterd-peer-op-timeout>
<jdiameterd-peer-suspended-timeout>
  jdiameterd-peer-suspended-timeout
</jdiameterd-peer-suspended-timeout>
<jdiameterd-peer-closed-timeout>
  jdiameterd-peer-closed-timeout
</jdiameterd-peer-closed-timeout>
<jdiameterd-peer-connect-timeout>
  jdiameterd-peer-connect-timeout
</jdiameterd-peer-connect-timeout>
</jdiameterd-peer-data>
</jdiameterd-peer-information>
```

Description Peer information

<jdiameterd-peer-error>

Usage

```
<jdiameterd-peer-information>
  <jdiameterd-peer-error>
</jdiameterd-peer-error>
</jdiameterd-peer-information>
```

Description

<jdiameterd-peer-information>

Usage

```
<jdiameterd-peer-information>
  <jdiameterd-peer-list>....</jdiameterd-peer-list>
  <jdiameterd-peer-brief>....</jdiameterd-peer-brief>
```

```

<jdiameterd-peer-data>....</jdiameterd-peer-data>
<jdiameterd-peer-not-found>
  jdiameterd-peer-not-found
</jdiameterd-peer-not-found>
<jdiameterd-peer-error>....</jdiameterd-peer-error>
</jdiameterd-peer-information>

```

Description Diameter peer informaiton

<jdiameterd-peer-list>

Usage

```

<jdiameterd-peer-list>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
  </jdiameterd-peer-name>
  <jdiameterd-peer-instance-name>
    jdiameterd-peer-instance-name
  </jdiameterd-peer-instance-name>
  <jdiameterd-peer-state>
    jdiameterd-peer-state
  </jdiameterd-peer-state>
  <jdiameterd-peer-network-element-count>
    jdiameterd-peer-network-element-count
  </jdiameterd-peer-network-element-count>
  <jdiameterd-peer-activated-count>
    jdiameterd-peer-activated-count
  </jdiameterd-peer-activated-count>
  <jdiameterd-peer-primary-count>
    jdiameterd-peer-primary-count
  </jdiameterd-peer-primary-count>
  <jdiameterd-peer-secondary-count>
    jdiameterd-peer-secondary-count
  </jdiameterd-peer-secondary-count>
</jdiameterd-peer-list>

```

Description Diameter peers

<jdiameterd-peer-list>

Usage

```

<jdiameterd-node-information>
  <jdiameterd-peer-list>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-peer-instance-name>
      jdiameterd-peer-instance-name
    </jdiameterd-peer-instance-name>
    <jdiameterd-peer-state>
      jdiameterd-peer-state
    </jdiameterd-peer-state>
    <jdiameterd-peer-network-element-count>

```

```
    jdiameterd-peer-network-element-count
  </jdiameterd-peer-network-element-count>
  <jdiameterd-peer-activated-count>
    jdiameterd-peer-activated-count
  </jdiameterd-peer-activated-count>
  <jdiameterd-peer-primary-count>
    jdiameterd-peer-primary-count
  </jdiameterd-peer-primary-count>
  <jdiameterd-peer-secondary-count>
    jdiameterd-peer-secondary-count
  </jdiameterd-peer-secondary-count>
</jdiameterd-peer-list>
</jdiameterd-node-information>
```

Description Diameter peers

<jdiameterd-peer-list>

Usage

```
<jdiameterd-peer-information>
  <jdiameterd-peer-list>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-peer-instance-name>
      jdiameterd-peer-instance-name
    </jdiameterd-peer-instance-name>
    <jdiameterd-peer-state>
      jdiameterd-peer-state
    </jdiameterd-peer-state>
    <jdiameterd-peer-network-element-count>
      jdiameterd-peer-network-element-count
    </jdiameterd-peer-network-element-count>
    <jdiameterd-peer-activated-count>
      jdiameterd-peer-activated-count
    </jdiameterd-peer-activated-count>
    <jdiameterd-peer-primary-count>
      jdiameterd-peer-primary-count
    </jdiameterd-peer-primary-count>
    <jdiameterd-peer-secondary-count>
      jdiameterd-peer-secondary-count
    </jdiameterd-peer-secondary-count>
  </jdiameterd-peer-list>
</jdiameterd-peer-information>
```

Description Diameter peers

<jdiameterd-peer-map-data>

Usage

```
<jdiameterd-peer-map-data>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
```

```

</jdiameterd-peer-name>
<jdiameterd-peer-instance-name>
  jdiameterd-peer-instance-name
</jdiameterd-peer-instance-name>
<jdiameterd-peer-network-element-name>
  jdiameterd-peer-network-element-name
</jdiameterd-peer-network-element-name>
<jdiameterd-peer-network-element-priority>
  jdiameterd-peer-network-element-priority
</jdiameterd-peer-network-element-priority>
<jdiameterd-peer-network-element-usage>
  jdiameterd-peer-network-element-usage
</jdiameterd-peer-network-element-usage>
</jdiameterd-peer-map-data>

```

Description Diameter peers used by network-elements

<jdiameterd-peer-map-data>

Usage

```

<jdiameterd-peer-map-information>
  <jdiameterd-peer-map-data>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-peer-instance-name>
      jdiameterd-peer-instance-name
    </jdiameterd-peer-instance-name>
    <jdiameterd-peer-network-element-name>
      jdiameterd-peer-network-element-name
    </jdiameterd-peer-network-element-name>
    <jdiameterd-peer-network-element-priority>
      jdiameterd-peer-network-element-priority
    </jdiameterd-peer-network-element-priority>
    <jdiameterd-peer-network-element-usage>
      jdiameterd-peer-network-element-usage
    </jdiameterd-peer-network-element-usage>
  </jdiameterd-peer-map-data>
</jdiameterd-peer-map-information>

```

Description Diameter peers used by network-elements

<jdiameterd-peer-map-error>

Usage

```

<jdiameterd-peer-map-information>
  <jdiameterd-peer-map-error>
</jdiameterd-peer-map-error>
</jdiameterd-peer-map-information>

```

Description

<jdiameterd-peer-map-information>

Usage

```
<jdiameterd-peer-map-information>
  <jdiameterd-peer-map-list>....</jdiameterd-peer-map-list>
  <jdiameterd-peer-map-data>....</jdiameterd-peer-map-data>
  <jdiameterd-peer-map-not-found>
    jdiameterd-peer-map-not-found
  </jdiameterd-peer-map-not-found>
  <jdiameterd-peer-map-error>....</jdiameterd-peer-map-error>
</jdiameterd-peer-map-information>
```

Description Diameter peer map information

<jdiameterd-peer-map-list>

Usage

```
<jdiameterd-peer-map-list>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
  </jdiameterd-peer-name>
  <jdiameterd-peer-instance-name>
    jdiameterd-peer-instance-name
  </jdiameterd-peer-instance-name>
  <jdiameterd-peer-network-element-name>
    jdiameterd-peer-network-element-name
  </jdiameterd-peer-network-element-name>
  <jdiameterd-peer-network-element-priority>
    jdiameterd-peer-network-element-priority
  </jdiameterd-peer-network-element-priority>
  <jdiameterd-peer-network-element-usage>
    jdiameterd-peer-network-element-usage
  </jdiameterd-peer-network-element-usage>
</jdiameterd-peer-map-list>
```

Description Diameter peers used by network-elements

<jdiameterd-peer-map-list>

Usage

```
<jdiameterd-peer-map-information>
  <jdiameterd-peer-map-list>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-peer-instance-name>
      jdiameterd-peer-instance-name
    </jdiameterd-peer-instance-name>
    <jdiameterd-peer-network-element-name>
      jdiameterd-peer-network-element-name
    </jdiameterd-peer-network-element-name>
    <jdiameterd-peer-network-element-priority>
```



```

    jdiameterd-peer-network-element-priority
  </jdiameterd-peer-network-element-priority>
  <jdiameterd-peer-network-element-usage>
    jdiameterd-peer-network-element-usage
  </jdiameterd-peer-network-element-usage>
</jdiameterd-peer-map-list>
</jdiameterd-peer-map-information>

```

Description Diameter peers used by network-elements

<jdiameterd-peer-statistics-brief>

Usage

```

<jdiameterd-peer-statistics-brief>
  <jdiameterd-peer-name>
    jdiameterd-peer-name
  </jdiameterd-peer-name>
  <jdiameterd-peer-instance-name>
    jdiameterd-peer-instance-name
  </jdiameterd-peer-instance-name>
  <jdiameterd-peer-receive-errors>
    jdiameterd-peer-receive-errors
  </jdiameterd-peer-receive-errors>
  <jdiameterd-peer-receive-successes>
    jdiameterd-peer-receive-successes
  </jdiameterd-peer-receive-successes>
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Description Peer statistics

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Usage

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Description Peer statistics

<jdiameterd-peer-statistics-error>

Usage

```

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```

Description

<jdiameterd-peer-statistics-information>

Usage

```

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```

```
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```

Description Diameter peer statistics

<jdiameterd-peer-statistics-list>

Usage

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    jdiameterd-peer-receive-messages-handled-by-peer
  </jdiameterd-peer-receive-messages-handled-by-peer>
  <jdiameterd-peer-receive-messages-delivered-to-node>
    jdiameterd-peer-receive-messages-delivered-to-node
  </jdiameterd-peer-receive-messages-delivered-to-node>
  <jdiameterd-peer-forwarding-successes>
    jdiameterd-peer-forwarding-successes
  </jdiameterd-peer-forwarding-successes>
  <jdiameterd-peer-messages-transmitted-by-self>
    jdiameterd-peer-messages-transmitted-by-self
  </jdiameterd-peer-messages-transmitted-by-self>
  <jdiameterd-peer-transmit-successes>
    jdiameterd-peer-transmit-successes
  </jdiameterd-peer-transmit-successes>
</jdiameterd-peer-statistics-list>
```

Description Peer statistics summary

<jdiameterd-peer-statistics-list>

Usage

```
<jdiameterd-peer-statistics-information>
  <jdiameterd-peer-statistics-list>
    <jdiameterd-peer-name>
      jdiameterd-peer-name
    </jdiameterd-peer-name>
    <jdiameterd-peer-instance-name>
      jdiameterd-peer-instance-name
    </jdiameterd-peer-instance-name>
    <jdiameterd-peer-receive-successes>
      jdiameterd-peer-receive-successes
    </jdiameterd-peer-receive-successes>
    <jdiameterd-peer-receive-messages-handled-by-peer>
      jdiameterd-peer-receive-messages-handled-by-peer
```

```

</jdiameterd-peer-receive-messages-handled-by-peer>
<jdiameterd-peer-receive-messages-delivered-to-node>
  jdiameterd-peer-receive-messages-delivered-to-node
</jdiameterd-peer-receive-messages-delivered-to-node>
<jdiameterd-peer-forwarding-successes>
  jdiameterd-peer-forwarding-successes
</jdiameterd-peer-forwarding-successes>
<jdiameterd-peer-messages-transmitted-by-self>
  jdiameterd-peer-messages-transmitted-by-self
</jdiameterd-peer-messages-transmitted-by-self>
<jdiameterd-peer-transmit-successes>
  jdiameterd-peer-transmit-successes
</jdiameterd-peer-transmit-successes>
</jdiameterd-peer-statistics-list>
</jdiameterd-peer-statistics-information>

```

Description Peer statistics summary

<jdiameterd-route-brief>

Usage

```

<jdiameterd-route-brief>
  <jdiameterd-route-name>
    jdiameterd-route-name
  </jdiameterd-route-name>
  <jdiameterd-route-network-element-name>
    jdiameterd-route-network-element-name
  </jdiameterd-route-network-element-name>
  <jdiameterd-route-instance-name>
    jdiameterd-route-instance-name
  </jdiameterd-route-instance-name>
  <jdiameterd-route-valid>
    jdiameterd-route-valid
  </jdiameterd-route-valid>
  <jdiameterd-route-up>
    jdiameterd-route-up
  </jdiameterd-route-up>
</jdiameterd-route-brief>

```

Description Diameter routes

<jdiameterd-route-brief>

Usage

```

<jdiameterd-route-information>
  <jdiameterd-route-brief>
    <jdiameterd-route-name>
      jdiameterd-route-name
    </jdiameterd-route-name>
    <jdiameterd-route-network-element-name>
      jdiameterd-route-network-element-name
    </jdiameterd-route-network-element-name>
    <jdiameterd-route-instance-name>

```

```
    jdiameterd-route-instance-name
  </jdiameterd-route-instance-name>
  <jdiameterd-route-valid>
    jdiameterd-route-valid
  </jdiameterd-route-valid>
  <jdiameterd-route-up>
    jdiameterd-route-up
  </jdiameterd-route-up>
</jdiameterd-route-brief>
</jdiameterd-route-information>
```

Description Diameter routes

<jdiameterd-route-data>

Usage

```
<jdiameterd-route-data>
  <jdiameterd-route-name>
    jdiameterd-route-name
  </jdiameterd-route-name>
  <jdiameterd-route-network-element-name>
    jdiameterd-route-network-element-name
  </jdiameterd-route-network-element-name>
  <jdiameterd-route-instance-name>
    jdiameterd-route-instance-name
  </jdiameterd-route-instance-name>
  <jdiameterd-route-valid>
    jdiameterd-route-valid
  </jdiameterd-route-valid>
  <jdiameterd-route-up>
    jdiameterd-route-up
  </jdiameterd-route-up>
  <jdiameterd-route-function>
    jdiameterd-route-function
  </jdiameterd-route-function>
  <jdiameterd-route-function-part>
    jdiameterd-route-function-part
  </jdiameterd-route-function-part>
  <jdiameterd-route-dest-realm>
    jdiameterd-route-dest-realm
  </jdiameterd-route-dest-realm>
  <jdiameterd-route-dest-host>
    jdiameterd-route-dest-host
  </jdiameterd-route-dest-host>
  <jdiameterd-route-metric>
    jdiameterd-route-metric
  </jdiameterd-route-metric>
  <jdiameterd-route-score>
    jdiameterd-route-score
  </jdiameterd-route-score>
</jdiameterd-route-data>
```

Description Diameter routes

<jdiameterd-route-data>

Usage

```

<jdiameterd-route-information>
  <jdiameterd-route-data>
    <jdiameterd-route-name>
      jdiameterd-route-name
    </jdiameterd-route-name>
    <jdiameterd-route-network-element-name>
      jdiameterd-route-network-element-name
    </jdiameterd-route-network-element-name>
    <jdiameterd-route-instance-name>
      jdiameterd-route-instance-name
    </jdiameterd-route-instance-name>
    <jdiameterd-route-valid>
      jdiameterd-route-valid
    </jdiameterd-route-valid>
    <jdiameterd-route-up>
      jdiameterd-route-up
    </jdiameterd-route-up>
    <jdiameterd-route-function>
      jdiameterd-route-function
    </jdiameterd-route-function>
    <jdiameterd-route-function-part>
      jdiameterd-route-function-part
    </jdiameterd-route-function-part>
    <jdiameterd-route-dest-realm>
      jdiameterd-route-dest-realm
    </jdiameterd-route-dest-realm>
    <jdiameterd-route-dest-host>
      jdiameterd-route-dest-host
    </jdiameterd-route-dest-host>
    <jdiameterd-route-metric>
      jdiameterd-route-metric
    </jdiameterd-route-metric>
    <jdiameterd-route-score>
      jdiameterd-route-score
    </jdiameterd-route-score>
  </jdiameterd-route-data>
</jdiameterd-route-information>

```

Description Diameter routes

<jdiameterd-route-error>

Usage

```

<jdiameterd-route-information>
  <jdiameterd-route-error>
</jdiameterd-route-error>
</jdiameterd-route-information>

```

Description

<jdiameterd-route-information>

Usage

```
<jdiameterd-route-information>
  <jdiameterd-route-list>....</jdiameterd-route-list>
  <jdiameterd-route-brief>....</jdiameterd-route-brief>
  <jdiameterd-route-data>....</jdiameterd-route-data>
  <jdiameterd-route-not-found>
    jdiameterd-route-not-found
  </jdiameterd-route-not-found>
  <jdiameterd-route-error>....</jdiameterd-route-error>
</jdiameterd-route-information>
```

Description Diameter route information

<jdiameterd-route-list>

Usage

```
<jdiameterd-route-list>
  <jdiameterd-route-name>
    jdiameterd-route-name
  </jdiameterd-route-name>
  <jdiameterd-route-network-element-name>
    jdiameterd-route-network-element-name
  </jdiameterd-route-network-element-name>
  <jdiameterd-route-instance-name>
    jdiameterd-route-instance-name
  </jdiameterd-route-instance-name>
  <jdiameterd-route-valid>
    jdiameterd-route-valid
  </jdiameterd-route-valid>
  <jdiameterd-route-up>
    jdiameterd-route-up
  </jdiameterd-route-up>
</jdiameterd-route-list>
```

Description Diameter routes

<jdiameterd-route-list>

Usage

```
<jdiameterd-node-information>
  <jdiameterd-route-list>
    <jdiameterd-route-name>
      jdiameterd-route-name
    </jdiameterd-route-name>
    <jdiameterd-route-network-element-name>
      jdiameterd-route-network-element-name
    </jdiameterd-route-network-element-name>
    <jdiameterd-route-instance-name>
      jdiameterd-route-instance-name
    </jdiameterd-route-instance-name>
```

```

<jdiameterd-route-valid>
  jdiameterd-route-valid
</jdiameterd-route-valid>
<jdiameterd-route-up>
  jdiameterd-route-up
</jdiameterd-route-up>
</jdiameterd-route-list>
</jdiameterd-node-information>

```

Description Diameter routes

<jdiameterd-route-list>

Usage

```

<jdiameterd-route-information>
  <jdiameterd-route-list>
    <jdiameterd-route-name>
      jdiameterd-route-name
    </jdiameterd-route-name>
    <jdiameterd-route-network-element-name>
      jdiameterd-route-network-element-name
    </jdiameterd-route-network-element-name>
    <jdiameterd-route-instance-name>
      jdiameterd-route-instance-name
    </jdiameterd-route-instance-name>
    <jdiameterd-route-valid>
      jdiameterd-route-valid
    </jdiameterd-route-valid>
    <jdiameterd-route-up>
      jdiameterd-route-up
    </jdiameterd-route-up>
  </jdiameterd-route-list>
</jdiameterd-route-information>

```

Description Diameter routes

Summary of JNX Example Response Tags

<jnx-example-data>

Usage

```

<jnx-example-data-information>
  <jnx-example-data>
    <jnx-example-data-name>
      jnx-example-data-name
    </jnx-example-data-name>
    <jnx-example-data-description>
      jnx-example-data-description
    </jnx-example-data-description>
    <jnx-example-data-type>
      jnx-example-data-type
    </jnx-example-data-type>
  </jnx-example-data>
</jnx-example-data-information>

```

```
<jnx-example-data-value>
  jnx-example-data-value
</jnx-example-data-value>
</jnx-example-data>
</jnx-example-data-information>
```

Description

<jnx-example-data-information>

Usage

```
<jnx-example-data-information>
  <jnx-example-data>....</jnx-example-data>
</jnx-example-data-information>
```

Description

<jnx-example-statistics>

Usage

```
<jnx-example-statistics>
  <cpu-usage>
    cpu-usage
  </cpu-usage>
  <memory-usage>
    memory-usage
  </memory-usage>
</jnx-example-statistics>
```

Description

Summary of Layer 2 Address Learning Response Tags

<bridge-statistics-information>

Usage

```
<bridge-statistics-information>
  <l2ald-rtb-entry>....</l2ald-rtb-entry>
  <interface-statistics>....</interface-statistics>
</bridge-statistics-information>
```

Description

<flood-nh-components>

Usage

```
<flood-nh-components>
  <interface-name>
    interface-name
  </interface-name>
  <interface-type>
    interface-type
```



```

</interface-type>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
</flood-nh-components>

```

Description

<flood-nh-components>

Usage

```

<flood-nh-group>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-nh-group>

```

Description

<flood-nh-components>

Usage

```

<flood-route>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-route>

```

Description**<flood-nh-components>****Usage**

```
<flood-route>
  <flood-nh-group>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-nh-group>
</flood-route>
```

Description**<flood-nh-components>****Usage**

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-route>
</l2ald-vpls-flood-instance-information>
```

Description**<flood-nh-components>****Usage**

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
```

```

<flood-nh-group>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-vpls-flood-instance-information>

```

Description

<flood-nh-components>

Usage

```

<l2ald-vpls-lr-information>
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>

```

Description

<flood-nh-components>

Usage

```

<l2ald-vpls-lr-information>
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-group>

```

```
<flood-nh-components>
  <interface-name>
    interface-name
  </interface-name>
  <interface-type>
    interface-type
  </interface-type>
  <nh-type>
    nh-type
  </nh-type>
  <nh-index>
    nh-index
  </nh-index>
</flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
```

Description

<flood-nh-components>

Usage

```
<l2ald-vpls-flood-instance>
<l2ald-vpls-lr-information>
  <l2ald-vpls-flood-instance-information>
    <flood-route>
      <flood-nh-components>
        <interface-name>
          interface-name
        </interface-name>
        <interface-type>
          interface-type
        </interface-type>
        <nh-type>
          nh-type
        </nh-type>
        <nh-index>
          nh-index
        </nh-index>
      </flood-nh-components>
    </flood-route>
  </l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<flood-nh-components>

Usage

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
```

```

<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-components>
        <interface-name>
          interface-name
        </interface-name>
        <interface-type>
          interface-type
        </interface-type>
        <nhtype>
          nhtype
        </nhtype>
        <nhindex>
          nhindex
        </nhindex>
      </flood-nh-components>
    </flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>

```

Description**<flood-nh-components>****Usage**

```

<l2ald-vpls-flood-route-information>
  <flood-route>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-route>
</l2ald-vpls-flood-route-information>

```

Description**<flood-nh-components>****Usage**

```

<l2ald-vpls-flood-route-information>
  <flood-route>

```

```
<flood-nh-group>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-vpls-flood-route-information>
```

Description

<flood-nh-components>

Usage

```
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>
```

Description

<flood-nh-components>

Usage

```
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-components>
        <interface-name>
          interface-name
```

```

</interface-name>
<interface-type>
  interface-type
</interface-type>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
</flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>

```

Description

<flood-nh-components>

Usage

```

<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
<flood-route>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>

```

Description

<flood-nh-components>

Usage

```

<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
<flood-route>
  <flood-nh-group>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>

```

```
<interface-type>
  interface-type
</interface-type>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
</flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description

<flood-nh-components>

Usage

```
<l2ald-bridge-domain-flood-instance>
<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
      <interface-type>
        interface-type
      </interface-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
    </flood-nh-components>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

<flood-nh-components>

Usage

```
<l2ald-bridge-domain-flood-instance>
<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-components>
```



```

    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>

```

Description

<flood-nh-components>

Usage

```

<l2ald-bridge-domain-flood-route-information>
<flood-route>
  <flood-nh-components>
    <interface-name>
      interface-name
    </interface-name>
    <interface-type>
      interface-type
    </interface-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
  </flood-nh-components>
</flood-route>
</l2ald-bridge-domain-flood-route-information>

```

Description

<flood-nh-components>

Usage

```

<l2ald-bridge-domain-flood-route-information>
<flood-route>
  <flood-nh-group>
    <flood-nh-components>
      <interface-name>
        interface-name
      </interface-name>
    </flood-nh-components>
  </flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-route-information>

```

```
</interface-name>
<interface-type>
  interface-type
</interface-type>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
</flood-nh-components>
</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-route-information>
```

Description

<flood-nh-group>

Usage

```
<flood-nh-group>
  <flood-nh-group-name>
    flood-nh-group-name
  </flood-nh-group-name>
  <flood-nh-group-type>
    flood-nh-group-type
  </flood-nh-group-type>
  <nhtype>
    nhtype
  </nhtype>
  <nhindex>
    nhindex
  </nhindex>
  <flood-group-composite-function>
    flood-group-composite-function
  </flood-group-composite-function>
  <flood-nh-components>....</flood-nh-components>
  <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
</flood-nh-group>
```

Description

<flood-nh-group>

Usage

```
<flood-route>
  <flood-nh-group>
    <flood-nh-group-name>
      flood-nh-group-name
    </flood-nh-group-name>
    <flood-nh-group-type>
      flood-nh-group-type
    </flood-nh-group-type>
    <nhtype>
```

```

    nhtype
  </nhtype>
  <nhindex>
    nhindex
  </nhindex>
  <flood-group-composite-function>
    flood-group-composite-function
  </flood-group-composite-function>
  <flood-nh-components>....</flood-nh-components>
  <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
</flood-nh-group>
</flood-route>

```

Description

<flood-nh-group>

Usage

```

<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-group-name>
        flood-nh-group-name
      </flood-nh-group-name>
      <flood-nh-group-type>
        flood-nh-group-type
      </flood-nh-group-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
      <flood-group-composite-function>
        flood-group-composite-function
      </flood-group-composite-function>
      <flood-nh-components>....</flood-nh-components>
      <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-instance-information>

```

Description

<flood-nh-group>

Usage

```

<l2ald-vpls-lr-information>
  <l2ald-vpls-flood-instance-information>
    <flood-route>
      <flood-nh-group>
        <flood-nh-group-name>
          flood-nh-group-name
        </flood-nh-group-name>

```

```

    <flood-nh-group-type>
      flood-nh-group-type
    </flood-nh-group-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-group-composite-function>
      flood-group-composite-function
    </flood-group-composite-function>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  </flood-nh-group>
</flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>

```

Description

<flood-nh-group>

Usage

```

<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <l2ald-vpls-flood-instance-information>
      <flood-route>
        <flood-nh-group>
          <flood-nh-group-name>
            flood-nh-group-name
          </flood-nh-group-name>
          <flood-nh-group-type>
            flood-nh-group-type
          </flood-nh-group-type>
          <nhtype>
            nhtype
          </nhtype>
          <nhindex>
            nhindex
          </nhindex>
          <flood-group-composite-function>
            flood-group-composite-function
          </flood-group-composite-function>
          <flood-nh-components>....</flood-nh-components>
          <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
        </flood-nh-group>
      </flood-route>
    </l2ald-vpls-flood-instance-information>
  </l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>

```

Description

<flood-nh-group>

Usage

```

<l2ald-vpls-flood-route-information>
<flood-route>
  <flood-nh-group>
    <flood-nh-group-name>
      flood-nh-group-name
    </flood-nh-group-name>
    <flood-nh-group-type>
      flood-nh-group-type
    </flood-nh-group-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-group-composite-function>
      flood-group-composite-function
    </flood-group-composite-function>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  </flood-nh-group>
</flood-route>
</l2ald-vpls-flood-route-information>

```

Description

<flood-nh-group>

Usage

```

<l2ald-bridge-domain-flood-instance-information>
<flood-route>
  <flood-nh-group>
    <flood-nh-group-name>
      flood-nh-group-name
    </flood-nh-group-name>
    <flood-nh-group-type>
      flood-nh-group-type
    </flood-nh-group-type>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-group-composite-function>
      flood-group-composite-function
    </flood-group-composite-function>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  </flood-nh-group>
</flood-route>

```

```
</l2ald-bridge-domain-flood-instance-information>
```

Description

<flood-nh-group>

Usage

```
<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-group-name>
        flood-nh-group-name
      </flood-nh-group-name>
      <flood-nh-group-type>
        flood-nh-group-type
      </flood-nh-group-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
      <flood-group-composite-function>
        flood-group-composite-function
      </flood-group-composite-function>
      <flood-nh-components>....</flood-nh-components>
      <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description

<flood-nh-group>

Usage

```
<l2ald-bridge-domain-flood-instance>
<l2ald-bridge-domain-lr-information>
  <l2ald-bridge-domain-flood-instance-information>
    <flood-route>
      <flood-nh-group>
        <flood-nh-group-name>
          flood-nh-group-name
        </flood-nh-group-name>
        <flood-nh-group-type>
          flood-nh-group-type
        </flood-nh-group-type>
        <nhtype>
          nhtype
        </nhtype>
        <nhindex>
          nhindex
```

```

    </nhindex>
    <flood-group-composite-function>
      flood-group-composite-function
    </flood-group-composite-function>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  </flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>

```

Description

<flood-nh-group>

Usage

```

<l2ald-bridge-domain-flood-route-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-group-name>
        flood-nh-group-name
      </flood-nh-group-name>
      <flood-nh-group-type>
        flood-nh-group-type
      </flood-nh-group-type>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
      </nhindex>
      <flood-group-composite-function>
        flood-group-composite-function
      </flood-group-composite-function>
      <flood-nh-components>....</flood-nh-components>
      <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-route-information>

```

Description

<flood-nh-p2mp-components>

Usage

```

<flood-nh-p2mp-components>
  <component-nhindex>
    component-nhindex
  </component-nhindex>
</flood-nh-p2mp-components>

```

Description

<flood-nh-p2mp-components>

Usage

```
<flood-nh-group>
  <flood-nh-p2mp-components>
    <component-nhindex>
      component-nhindex
    </component-nhindex>
  </flood-nh-p2mp-components>
</flood-nh-group>
```

Description

<flood-nh-p2mp-components>

Usage

```
<flood-route>
  <flood-nh-p2mp-components>
    <component-nhindex>
      component-nhindex
    </component-nhindex>
  </flood-nh-p2mp-components>
</flood-route>
```

Description

<flood-nh-p2mp-components>

Usage

```
<flood-route>
  <flood-nh-group>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
  </flood-nh-group>
</flood-route>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
  </flood-route>
```



```
</l2ald-vpls-flood-instance-information>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-instance-information>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-lr-information>
  <l2ald-vpls-flood-instance-information>
    <flood-route>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-route>
  </l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-lr-information>
  <l2ald-vpls-flood-instance-information>
    <flood-route>
      <flood-nh-group>
        <flood-nh-p2mp-components>
          <component-nhindex>
            component-nhindex
          </component-nhindex>
        </flood-nh-p2mp-components>
      </flood-nh-group>
    </flood-route>
  </l2ald-vpls-flood-instance-information>
```

```
</l2ald-vpls-lr-information>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <l2ald-vpls-flood-instance-information>
      <flood-route>
        <flood-nh-p2mp-components>
          <component-nhindex>
            component-nhindex
          </component-nhindex>
        </flood-nh-p2mp-components>
      </flood-route>
    </l2ald-vpls-flood-instance-information>
  </l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <l2ald-vpls-flood-instance-information>
      <flood-route>
        <flood-nh-group>
          <flood-nh-p2mp-components>
            <component-nhindex>
              component-nhindex
            </component-nhindex>
          </flood-nh-p2mp-components>
        </flood-nh-group>
      </flood-route>
    </l2ald-vpls-flood-instance-information>
  </l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<flood-nh-p2mp-components>

Usage

```
<l2ald-vpls-flood-route-information>
  <flood-route>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
```

```

    </flood-route>
  </l2ald-vpls-flood-route-information>

```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-vpls-flood-route-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-route-information>

```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>

```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>

```

Description**<flood-nh-p2mp-components>****Usage**

```
<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description**<flood-nh-p2mp-components>****Usage**

```
<l2ald-bridge-domain-lr-information>
<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description**<flood-nh-p2mp-components>****Usage**

```
<l2ald-bridge-domain-flood-instance>
<l2ald-bridge-domain-lr-information>
  <l2ald-bridge-domain-flood-instance-information>
    <flood-route>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-route>
  </l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-bridge-domain-flood-instance>
  <l2ald-bridge-domain-lr-information>
    <l2ald-bridge-domain-flood-instance-information>
      <flood-route>
        <flood-nh-group>
          <flood-nh-p2mp-components>
            <component-nhindex>
              component-nhindex
            </component-nhindex>
          </flood-nh-p2mp-components>
        </flood-nh-group>
      </flood-route>
    </l2ald-bridge-domain-flood-instance-information>
  </l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>

```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-bridge-domain-flood-route-information>
  <flood-route>
    <flood-nh-p2mp-components>
      <component-nhindex>
        component-nhindex
      </component-nhindex>
    </flood-nh-p2mp-components>
  </flood-route>
</l2ald-bridge-domain-flood-route-information>

```

Description

<flood-nh-p2mp-components>

Usage

```

<l2ald-bridge-domain-flood-route-information>
  <flood-route>
    <flood-nh-group>
      <flood-nh-p2mp-components>
        <component-nhindex>
          component-nhindex
        </component-nhindex>
      </flood-nh-p2mp-components>
    </flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-route-information>

```

Description

<flood-route>

Usage

```
<flood-route>
  <route-prefix>
    route-prefix
  </route-prefix>
  <route-type>
    route-type
  </route-type>
  <owner>
    owner
  </owner>
  <route-flood-group-name>
    route-flood-group-name
  </route-flood-group-name>
  <route-flood-group-index>
    route-flood-group-index
  </route-flood-group-index>
  <nhtype>
    nhtype
  </nhtype>
  <nhindex>
    nhindex
  </nhindex>
  <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  <flood-nh-components>....</flood-nh-components>
  <flood-nh-group>....</flood-nh-group>
</flood-route>
```

Description

<flood-route>

Usage

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <route-prefix>
      route-prefix
    </route-prefix>
    <route-type>
      route-type
    </route-type>
    <owner>
      owner
    </owner>
    <route-flood-group-name>
      route-flood-group-name
    </route-flood-group-name>
    <route-flood-group-index>
      route-flood-group-index
    </route-flood-group-index>
    <nhtype>
```

```

    nhtype
  </nhtype>
  <nhindex>
    nhindex
  </nhindex>
  <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
  <flood-nh-components>....</flood-nh-components>
  <flood-nh-group>....</flood-nh-group>
</flood-route>
</l2ald-vpls-flood-instance-information>

```

Description

<flood-route>

Usage

```

<l2ald-vpls-lr-information>
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <route-prefix>
      route-prefix
    </route-prefix>
    <route-type>
      route-type
    </route-type>
    <owner>
      owner
    </owner>
    <route-flood-group-name>
      route-flood-group-name
    </route-flood-group-name>
    <route-flood-group-index>
      route-flood-group-index
    </route-flood-group-index>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-group>....</flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>

```

Description

<flood-route>

Usage

```

<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>

```

```
<l2ald-vpls-flood-instance-information>
  <flood-route>
    <route-prefix>
      route-prefix
    </route-prefix>
    <route-type>
      route-type
    </route-type>
    <owner>
      owner
    </owner>
    <route-flood-group-name>
      route-flood-group-name
    </route-flood-group-name>
    <route-flood-group-index>
      route-flood-group-index
    </route-flood-group-index>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-group>....</flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<flood-route>

Usage

```
<l2ald-vpls-flood-route-information>
  <flood-route>
    <route-prefix>
      route-prefix
    </route-prefix>
    <route-type>
      route-type
    </route-type>
    <owner>
      owner
    </owner>
    <route-flood-group-name>
      route-flood-group-name
    </route-flood-group-name>
    <route-flood-group-index>
      route-flood-group-index
    </route-flood-group-index>
    <nhtype>
      nhtype
  </flood-route>
```



```

    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-group>....</flood-nh-group>
  </flood-route>
</l2ald-vpls-flood-route-information>

```

Description

<flood-route>

Usage

```

<l2ald-bridge-domain-flood-instance-information>
  <flood-route>
    <route-prefix>
      route-prefix
    </route-prefix>
    <route-type>
      route-type
    </route-type>
    <owner>
      owner
    </owner>
    <route-flood-group-name>
      route-flood-group-name
    </route-flood-group-name>
    <route-flood-group-index>
      route-flood-group-index
    </route-flood-group-index>
    <nhtype>
      nhtype
    </nhtype>
    <nhindex>
      nhindex
    </nhindex>
    <flood-nh-p2mp-components>....</flood-nh-p2mp-components>
    <flood-nh-components>....</flood-nh-components>
    <flood-nh-group>....</flood-nh-group>
  </flood-route>
</l2ald-bridge-domain-flood-instance-information>

```

Description

<flood-route>

Usage

```

<l2ald-bridge-domain-lr-information>
  <l2ald-bridge-domain-flood-instance-information>
    <flood-route>
      <route-prefix>
        route-prefix

```

```
</route-prefix>
<route-type>
  route-type
</route-type>
<owner>
  owner
</owner>
<route-flood-group-name>
  route-flood-group-name
</route-flood-group-name>
<route-flood-group-index>
  route-flood-group-index
</route-flood-group-index>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
<flood-nh-p2mp-components>....</flood-nh-p2mp-components>
<flood-nh-components>....</flood-nh-components>
<flood-nh-group>....</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description

<flood-route>

Usage

```
<l2ald-bridge-domain-flood-instance>
<l2ald-bridge-domain-lr-information>
  <l2ald-bridge-domain-flood-instance-information>
    <flood-route>
      <route-prefix>
        route-prefix
      </route-prefix>
      <route-type>
        route-type
      </route-type>
      <owner>
        owner
      </owner>
      <route-flood-group-name>
        route-flood-group-name
      </route-flood-group-name>
      <route-flood-group-index>
        route-flood-group-index
      </route-flood-group-index>
      <nhtype>
        nhtype
      </nhtype>
      <nhindex>
        nhindex
```

```

</nhindex>
<flood-nh-p2mp-components>....</flood-nh-p2mp-components>
<flood-nh-components>....</flood-nh-components>
<flood-nh-group>....</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>

```

Description

<flood-route>

Usage

```

<l2ald-bridge-domain-flood-route-information>
<flood-route>
<route-prefix>
  route-prefix
</route-prefix>
<route-type>
  route-type
</route-type>
<owner>
  owner
</owner>
<route-flood-group-name>
  route-flood-group-name
</route-flood-group-name>
<route-flood-group-index>
  route-flood-group-index
</route-flood-group-index>
<nhtype>
  nhtype
</nhtype>
<nhindex>
  nhindex
</nhindex>
<flood-nh-p2mp-components>....</flood-nh-p2mp-components>
<flood-nh-components>....</flood-nh-components>
<flood-nh-group>....</flood-nh-group>
</flood-route>
</l2ald-bridge-domain-flood-route-information>

```

Description

<interface>

Usage

```

<interface>
<interface-name>
  interface-name
</interface-name>
<interface-id>
  interface-id

```

```
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
```

Description

<interface>

Usage

```
<interface-statistics>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</interface-statistics>
```

Description

<interface>

Usage

```
<bridge-statistics-information>
  <interface-statistics>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
```

```

<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</interface-statistics>
</bridge-statistics-information>

```

Description

<interface-statistics>

Usage

```

<interface-statistics>
  <interface>.....</interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <broadcast-packets>
    broadcast-packets
  </broadcast-packets>
  <broadcast-bytes>
    broadcast-bytes
  </broadcast-bytes>
  <multicast-packets>
    multicast-packets
  </multicast-packets>
  <multicast-bytes>
    multicast-bytes
  </multicast-bytes>
  <flooded-packets>
    flooded-packets
  </flooded-packets>
  <flooded-bytes>
    flooded-bytes
  </flooded-bytes>
  <unicast-packets>
    unicast-packets
  </unicast-packets>
  <unicast-bytes>
    unicast-bytes
  </unicast-bytes>
  <mac-limit>
    mac-limit

```

```
</mac-limit>
<num-mac-count>
  num-mac-count
</num-mac-count>
</interface-statistics>
```

Description

<interface-statistics>

Usage

```
<bridge-statistics-information>
  <interface-statistics>
    <interface>.....</interface>
    <remote-pe>
      remote-pe
    </remote-pe>
    <broadcast-packets>
      broadcast-packets
    </broadcast-packets>
    <broadcast-bytes>
      broadcast-bytes
    </broadcast-bytes>
    <multicast-packets>
      multicast-packets
    </multicast-packets>
    <multicast-bytes>
      multicast-bytes
    </multicast-bytes>
    <flooded-packets>
      flooded-packets
    </flooded-packets>
    <flooded-bytes>
      flooded-bytes
    </flooded-bytes>
    <unicast-packets>
      unicast-packets
    </unicast-packets>
    <unicast-bytes>
      unicast-bytes
    </unicast-bytes>
    <mac-limit>
      mac-limit
    </mac-limit>
    <num-mac-count>
      num-mac-count
    </num-mac-count>
  </interface-statistics>
</bridge-statistics-information>
```

Description

<l2ald-bridge-domain-flood-event-info>

Usage

```
<l2ald-bridge-domain-flood-event-info>
  <event-name>
    event-name
  </event-name>
  <event-type>
    event-type
  </event-type>
  <event-owner>
    event-owner
  </event-owner>
  <event-op>
    event-op
  </event-op>
  <event-error>
    event-error
  </event-error>
</l2ald-bridge-domain-flood-event-info>
```

Description

<l2ald-bridge-domain-flood-event-info>

Usage

```
<l2ald-bridge-domain-flood-next-event>
  <l2ald-bridge-domain-flood-event-info>
    <event-name>
      event-name
    </event-name>
    <event-type>
      event-type
    </event-type>
    <event-owner>
      event-owner
    </event-owner>
    <event-op>
      event-op
    </event-op>
    <event-error>
      event-error
    </event-error>
  </l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-next-event>
```

Description

<l2ald-bridge-domain-flood-event-info>

Usage

```
<l2ald-bridge-domain-flood-event-list>
  <l2ald-bridge-domain-flood-event-info>
    <event-name>
```

```
    event-name
  </event-name>
  <event-type>
    event-type
  </event-type>
  <event-owner>
    event-owner
  </event-owner>
  <event-op>
    event-op
  </event-op>
  <event-error>
    event-error
  </event-error>
</l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-event-list>
```

Description

<l2ald-bridge-domain-flood-event-info>

Usage

```
<l2ald-bridge-domain-flood-event-queue>
<l2ald-bridge-domain-flood-next-event>
  <l2ald-bridge-domain-flood-event-info>
    <event-name>
      event-name
    </event-name>
    <event-type>
      event-type
    </event-type>
    <event-owner>
      event-owner
    </event-owner>
    <event-op>
      event-op
    </event-op>
    <event-error>
      event-error
    </event-error>
  </l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-next-event>
</l2ald-bridge-domain-flood-event-queue>
```

Description

<l2ald-bridge-domain-flood-event-info>

Usage

```
<l2ald-bridge-domain-flood-event-queue>
<l2ald-bridge-domain-flood-event-list>
  <l2ald-bridge-domain-flood-event-info>
    <event-name>
      event-name
```



```

    </event-name>
    <event-type>
      event-type
    </event-type>
    <event-owner>
      event-owner
    </event-owner>
    <event-op>
      event-op
    </event-op>
    <event-error>
      event-error
    </event-error>
  </l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-event-list>
</l2ald-bridge-domain-flood-event-queue>

```

Description**<l2ald-bridge-domain-flood-event-list>****Usage**

```

<l2ald-bridge-domain-flood-event-list>
<l2ald-bridge-domain-flood-event-info>....</l2ald-bridge-domain-flood-event-info>

</l2ald-bridge-domain-flood-event-list>

```

Description**<l2ald-bridge-domain-flood-event-list>****Usage**

```

<l2ald-bridge-domain-flood-event-queue>
<l2ald-bridge-domain-flood-event-list>

<l2ald-bridge-domain-flood-event-info>....</l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-event-list>
</l2ald-bridge-domain-flood-event-queue>

```

Description**<l2ald-bridge-domain-flood-event-queue>****Usage**

```

<l2ald-bridge-domain-flood-event-queue>

<l2ald-bridge-domain-flood-next-event>....</l2ald-bridge-domain-flood-next-event>
<l2ald-bridge-domain-flood-event-list>....</l2ald-bridge-domain-flood-event-list>

</l2ald-bridge-domain-flood-event-queue>

```

Description

<l2ald-bridge-domain-flood-instance>

Usage

```
<l2ald-bridge-domain-flood-instance>
  <l2ald-bridge-domain-lr-information> ....</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

<l2ald-bridge-domain-flood-instance-information>

Usage

```
<l2ald-bridge-domain-flood-instance-information>
  <instance-name>
    instance-name
  </instance-name>
  <num-active-ce-iffs>
    num-active-ce-iffs
  </num-active-ce-iffs>
  <num-active-ve-iffs>
    num-active-ve-iffs
  </num-active-ve-iffs>
  <flood-route> ....</flood-route>
</l2ald-bridge-domain-flood-instance-information>
```

Description

<l2ald-bridge-domain-flood-instance-information>

Usage

```
<l2ald-bridge-domain-lr-information>
  <l2ald-bridge-domain-flood-instance-information>
    <instance-name>
      instance-name
    </instance-name>
    <num-active-ce-iffs>
      num-active-ce-iffs
    </num-active-ce-iffs>
    <num-active-ve-iffs>
      num-active-ve-iffs
    </num-active-ve-iffs>
    <flood-route> ....</flood-route>
  </l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
```

Description

<l2ald-bridge-domain-flood-instance-information>

Usage

```
<l2ald-bridge-domain-flood-instance>
  <l2ald-bridge-domain-lr-information>
    <l2ald-bridge-domain-flood-instance-information>
```

```
<instance-name>
  instance-name
</instance-name>
<num-active-ce-iffs>
  num-active-ce-iffs
</num-active-ce-iffs>
<num-active-ve-iffs>
  num-active-ve-iffs
</num-active-ve-iffs>
<flood-route>....</flood-route>
</l2ald-bridge-domain-flood-instance-information>
</l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

<l2ald-bridge-domain-flood-next-event>

Usage

```
<l2ald-bridge-domain-flood-next-event>
<l2ald-bridge-domain-flood-event-info>....</l2ald-bridge-domain-flood-event-info>

</l2ald-bridge-domain-flood-next-event>
```

Description

<l2ald-bridge-domain-flood-next-event>

Usage

```
<l2ald-bridge-domain-flood-event-queue>
<l2ald-bridge-domain-flood-next-event>

<l2ald-bridge-domain-flood-event-info>....</l2ald-bridge-domain-flood-event-info>
</l2ald-bridge-domain-flood-next-event>
</l2ald-bridge-domain-flood-event-queue>
```

Description

<l2ald-bridge-domain-flood-route-information>

Usage

```
<l2ald-bridge-domain-flood-route-information>
<flood-route>....</flood-route>
</l2ald-bridge-domain-flood-route-information>
```

Description

<l2ald-bridge-domain-lr-information>

Usage

```
<l2ald-bridge-domain-lr-information>
<logical-system-info>....</logical-system-info>
```

```
<l2ald-bridge-domain-flood-instance-information>...</l2ald-bridge-domain-flood-instance-information>

</l2ald-bridge-domain-lr-information>
```

Description

<l2ald-bridge-domain-lr-information>

Usage

```
<l2ald-bridge-domain-flood-instance>
  <l2ald-bridge-domain-lr-information>
    <logical-system-info>....</logical-system-info>

<l2ald-bridge-domain-flood-instance-information>...</l2ald-bridge-domain-flood-instance-information>

  </l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

<l2ald-bridge-instance-group>

Usage

```
<l2ald-bridge-instance-group>
  <l2rtb-name>
    l2rtb-name
  </l2rtb-name>
  <l2rtb-bridging-domain>
    l2rtb-bridging-domain
  </l2rtb-bridging-domain>
  <l2rtb-instance-description>
    l2rtb-instance-description
  </l2rtb-instance-description>
  <l2rtb-instance-type>
    l2rtb-instance-type
  </l2rtb-instance-type>
  <l2rtb-instance-state>
    l2rtb-instance-state
  </l2rtb-instance-state>
  <l2rtb-instance-restart-state>
    l2rtb-instance-restart-state
  </l2rtb-instance-restart-state>
  <l2rtb-instance-pathsel-timeout>
    l2rtb-instance-pathsel-timeout
  </l2rtb-instance-pathsel-timeout>
  <l2rtb-interface-name>
    l2rtb-interface-name
  </l2rtb-interface-name>
  <l2rtb-macs-learned>
    l2rtb-macs-learned
  </l2rtb-macs-learned>
  <l2rtb-instance-flags>
    l2rtb-instance-flags
  </l2rtb-instance-flags>
```

```

<l2rtb-bridge-vlan>
  l2rtb-bridge-vlan
</l2rtb-bridge-vlan>
<l2rtb-brief-summary>
  l2rtb-brief-summary
</l2rtb-brief-summary>
</l2ald-bridge-instance-group>

```

Description

<l2ald-bridge-instance-group>

Usage

```

<l2ald-bridge-instance-information>
  <l2ald-bridge-instance-group>
    <l2rtb-name>
      l2rtb-name
    </l2rtb-name>
    <l2rtb-bridging-domain>
      l2rtb-bridging-domain
    </l2rtb-bridging-domain>
    <l2rtb-instance-description>
      l2rtb-instance-description
    </l2rtb-instance-description>
    <l2rtb-instance-type>
      l2rtb-instance-type
    </l2rtb-instance-type>
    <l2rtb-instance-state>
      l2rtb-instance-state
    </l2rtb-instance-state>
    <l2rtb-instance-restart-state>
      l2rtb-instance-restart-state
    </l2rtb-instance-restart-state>
    <l2rtb-instance-pathsel-timeout>
      l2rtb-instance-pathsel-timeout
    </l2rtb-instance-pathsel-timeout>
    <l2rtb-interface-name>
      l2rtb-interface-name
    </l2rtb-interface-name>
    <l2rtb-macs-learned>
      l2rtb-macs-learned
    </l2rtb-macs-learned>
    <l2rtb-instance-flags>
      l2rtb-instance-flags
    </l2rtb-instance-flags>
    <l2rtb-bridge-vlan>
      l2rtb-bridge-vlan
    </l2rtb-bridge-vlan>
    <l2rtb-brief-summary>
      l2rtb-brief-summary
    </l2rtb-brief-summary>
  </l2ald-bridge-instance-group>
</l2ald-bridge-instance-information>

```

Description**<l2ald-bridge-instance-information>****Usage**

```
<l2ald-bridge-instance-information>
  <l2ald-bridge-instance-group>....</l2ald-bridge-instance-group>
</l2ald-bridge-instance-information>
```

Description Operational bridge instances that can be passed to netapp commands

<l2ald-config-pbbn>**Usage**

```
<l2ald-config-pbbn>
  <l2ald-pbbn-entry>....</l2ald-pbbn-entry>
</l2ald-config-pbbn>
```

Description**<l2ald-global-configuration>****Usage**

```
<l2ald-global-configuration>
  <l2ald-mac-aging-time>
    l2ald-mac-aging-time
  </l2ald-mac-aging-time>
  <l2ald-config-flag>
    l2ald-config-flag
  </l2ald-config-flag>
  <l2ald-mac-learning-status>
    l2ald-mac-learning-status
  </l2ald-mac-learning-status>
  <l2ald-hardware-mac-learning-status>
    l2ald-hardware-mac-learning-status
  </l2ald-hardware-mac-learning-status>
  <l2ald-software-mac-learning-status>
    l2ald-software-mac-learning-status
  </l2ald-software-mac-learning-status>
  <l2ald-statistics-status>
    l2ald-statistics-status
  </l2ald-statistics-status>
  <l2ald-sequence-number>
    l2ald-sequence-number
  </l2ald-sequence-number>
  <l2ald-mac-learn-toggle-count>
    l2ald-mac-learn-toggle-count
  </l2ald-mac-learn-toggle-count>
  <l2ald-hardware-mac-learn-toggle-count>
    l2ald-hardware-mac-learn-toggle-count
  </l2ald-hardware-mac-learn-toggle-count>
  <l2ald-software-mac-learn-toggle-count>
    l2ald-software-mac-learn-toggle-count
  </l2ald-software-mac-learn-toggle-count>
```

```

<l2ald-statistics-toggle-count>
  l2ald-statistics-toggle-count
</l2ald-statistics-toggle-count>
<l2ald-global-mac-limit-count>
  l2ald-global-mac-limit-count
</l2ald-global-mac-limit-count>
<l2ald-global-mac-limit>
  l2ald-global-mac-limit
</l2ald-global-mac-limit>
<l2ald-global-packet-action-drop>
  l2ald-global-packet-action-drop
</l2ald-global-packet-action-drop>
<l2ald-interface-mac-limit-wm>
  l2ald-interface-mac-limit-wm
</l2ald-interface-mac-limit-wm>
<l2ald-rtb-mac-limit-wm>
  l2ald-rtb-mac-limit-wm
</l2ald-rtb-mac-limit-wm>
<l2ald-mac-limit-wm>
  l2ald-mac-limit-wm
</l2ald-mac-limit-wm>
<l2ald-interface-mac-limit-timeout>
  l2ald-interface-mac-limit-timeout
</l2ald-interface-mac-limit-timeout>
<l2ald-rtb-mac-limit-timeout>
  l2ald-rtb-mac-limit-timeout
</l2ald-rtb-mac-limit-timeout>
<l2ald-mac-limit-timeout>
  l2ald-mac-limit-timeout
</l2ald-mac-limit-timeout>
<l2ald-config-smac-count>
  l2ald-config-smac-count
</l2ald-config-smac-count>
<l2ald-non-config-smac-count>
  l2ald-non-config-smac-count
</l2ald-non-config-smac-count>
<l2ald-le-aging-time>
  l2ald-le-aging-time
</l2ald-le-aging-time>
<l2ald-le-bridge-domain-aging-time>
  l2ald-le-bridge-domain-aging-time
</l2ald-le-bridge-domain-aging-time>
</l2ald-global-configuration>

```

Description Global configuration values for the the media access control address learning process

<l2ald-global-macdb>

Usage

```

<l2ald-global-macdb>
  <l2ald-mac-entry>.....</l2ald-mac-entry>
</l2ald-global-macdb>

```

Description**<l2ald-global-macdb-count>****Usage**

```
<l2ald-global-macdb-count>
  <global-mac-count>
    global-mac-count
  </global-mac-count>
</l2ald-global-macdb-count>
```

Description**<l2ald-if-mac-count-entry>****Usage**

```
<l2ald-interface-mac-count>
  <l2ald-if-mac-count-entry>
    <interface-name>
      interface-name
    </interface-name>
    <mac-count>
      mac-count
    </mac-count>
  </l2ald-if-mac-count-entry>
</l2ald-interface-mac-count>
```

Description MAC Address count for interface

<l2ald-ifd-preconfig-entry>**Usage**

```
<l2ald-ifd-preconfig-entry>
  <l2ald-ifd-preconfig-name>
    l2ald-ifd-preconfig-name
  </l2ald-ifd-preconfig-name>
  <l2ald-ifd-preconfig-vmap>
    l2ald-ifd-preconfig-vmap
  </l2ald-ifd-preconfig-vmap>
  <l2ald-ifd-preconfig-vmap-count>
    l2ald-ifd-preconfig-vmap-count
  </l2ald-ifd-preconfig-vmap-count>
  <l2ald-ifd-tmp-resync-vmap>
    l2ald-ifd-tmp-resync-vmap
  </l2ald-ifd-tmp-resync-vmap>
  <l2ald-ifd-tmp-resync-vmap-count>
    l2ald-ifd-tmp-resync-vmap-count
  </l2ald-ifd-tmp-resync-vmap-count>
</l2ald-ifd-preconfig-entry>
```

Description

<l2ald-ifd-preconfig-entry>

Usage

```

<l2ald-mvrp-information>
  <l2ald-ifd-preconfig-entry>
    <l2ald-ifd-preconfig-name>
      l2ald-ifd-preconfig-name
    </l2ald-ifd-preconfig-name>
    <l2ald-ifd-preconfig-vmap>
      l2ald-ifd-preconfig-vmap
    </l2ald-ifd-preconfig-vmap>
    <l2ald-ifd-preconfig-vmap-count>
      l2ald-ifd-preconfig-vmap-count
    </l2ald-ifd-preconfig-vmap-count>
    <l2ald-ifd-tmp-resync-vmap>
      l2ald-ifd-tmp-resync-vmap
    </l2ald-ifd-tmp-resync-vmap>
    <l2ald-ifd-tmp-resync-vmap-count>
      l2ald-ifd-tmp-resync-vmap-count
    </l2ald-ifd-tmp-resync-vmap-count>
  </l2ald-ifd-preconfig-entry>
</l2ald-mvrp-information>

```

Description

<l2ald-interface-mac-count>

Usage

```

<l2ald-interface-mac-count>
  <l2ald-total-intf-mac-count>
    l2ald-total-intf-mac-count
  </l2ald-total-intf-mac-count>
  <l2ald-if-mac-count-entry>....</l2ald-if-mac-count-entry>
</l2ald-interface-mac-count>

```

Description

<l2ald-interface-macdb>

Usage

```

<l2ald-interface-macdb>
  <l2ald-macdb-if-name>
    l2ald-macdb-if-name
  </l2ald-macdb-if-name>
  <l2ald-mac-entry>....</l2ald-mac-entry>
</l2ald-interface-macdb>

```

Description

<l2ald-mac-destination-address-statistics>

Usage

```

<l2ald-mac-destination-address-statistics>

```

```
<packet-count>
  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
</l2ald-mac-destination-address-statistics>
```

Description MAC destination address statistics

<l2ald-mac-destination-address-statistics>

Usage

```
<l2ald-mac-entry>
<l2ald-mac-destination-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</l2ald-mac-destination-address-statistics>
</l2ald-mac-entry>
```

Description MAC destination address statistics

<l2ald-mac-destination-address-statistics>

Usage

```
<l2ald-global-macdb>
<l2ald-mac-entry>
<l2ald-mac-destination-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</l2ald-mac-destination-address-statistics>
</l2ald-mac-entry>
</l2ald-global-macdb>
```

Description MAC destination address statistics

<l2ald-mac-destination-address-statistics>

Usage

```
<l2ald-interface-macdb>
<l2ald-mac-entry>
<l2ald-mac-destination-address-statistics>
  <packet-count>
```

```

        packet-count
      </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </l2ald-mac-destination-address-statistics>
</l2ald-mac-entry>
</l2ald-interface-macdb>

```

Description MAC destination address statistics

<l2ald-mac-destination-address-statistics>

Usage

```

<l2ald-rtb-macdb>
  <l2ald-mac-entry>
    <l2ald-mac-destination-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </l2ald-mac-destination-address-statistics>
  </l2ald-mac-entry>
</l2ald-rtb-macdb>

```

Description MAC destination address statistics

<l2ald-mac-entry>

Usage

```

<l2ald-mac-entry>
  <l2-mac-address>
    l2-mac-address
  </l2-mac-address>
  <l2-remote-beb-mac-address>
    l2-remote-beb-mac-address
  </l2-remote-beb-mac-address>
  <l2-mac-interface-device>
    l2-mac-interface-device
  </l2-mac-interface-device>
  <l2-mac-logical-interface>
    l2-mac-logical-interface
  </l2-mac-logical-interface>
  <l2-mac-routing-instance>
    l2-mac-routing-instance
  </l2-mac-routing-instance>
  <l2-mac-bridging-domain>
    l2-mac-bridging-domain
  </l2-mac-bridging-domain>
  <l2-mac-logical-system>
    l2-mac-logical-system

```

```
</l2-mac-logical-system>
<l2-mac-vlan>
  l2-mac-vlan
</l2-mac-vlan>
<l2-mac-stp-index>
  l2-mac-stp-index
</l2-mac-stp-index>
<l2-mac-epoch>
  l2-mac-epoch
</l2-mac-epoch>
<l2-mac-ifl-generation>
  l2-mac-ifl-generation
</l2-mac-ifl-generation>
<l2-mac-sequence-number>
  l2-mac-sequence-number
</l2-mac-sequence-number>
<l2-mac-learn-mask>
  l2-mac-learn-mask
</l2-mac-learn-mask>
<l2-mac-entry-flags>
  l2-mac-entry-flags
</l2-mac-entry-flags>
<l2-mac-flags>
  l2-mac-flags
</l2-mac-flags>
<l2-bridge-vlan>
  l2-bridge-vlan
</l2-bridge-vlan>
<l2-bridge-isid>
  l2-bridge-isid
</l2-bridge-isid>
<l2ald-mac-source-address-statistics>....</l2ald-mac-source-address-statistics>

<l2ald-mac-destination-address-statistics> ....</l2ald-mac-destination-address-statistics>

</l2ald-mac-entry>
```

Description

<l2ald-mac-entry>

Usage

```
<l2ald-global-macdb>
  <l2ald-mac-entry>
    <l2-mac-address>
      l2-mac-address
    </l2-mac-address>
    <l2-remote-beb-mac-address>
      l2-remote-beb-mac-address
    </l2-remote-beb-mac-address>
    <l2-mac-interface-device>
      l2-mac-interface-device
    </l2-mac-interface-device>
  </l2-mac-logical-interface>
```

```

    l2-mac-logical-interface
  </l2-mac-logical-interface>
  <l2-mac-routing-instance>
    l2-mac-routing-instance
  </l2-mac-routing-instance>
  <l2-mac-bridging-domain>
    l2-mac-bridging-domain
  </l2-mac-bridging-domain>
  <l2-mac-logical-system>
    l2-mac-logical-system
  </l2-mac-logical-system>
  <l2-mac-vlan>
    l2-mac-vlan
  </l2-mac-vlan>
  <l2-mac-stp-index>
    l2-mac-stp-index
  </l2-mac-stp-index>
  <l2-mac-epoch>
    l2-mac-epoch
  </l2-mac-epoch>
  <l2-mac-ifl-generation>
    l2-mac-ifl-generation
  </l2-mac-ifl-generation>
  <l2-mac-sequence-number>
    l2-mac-sequence-number
  </l2-mac-sequence-number>
  <l2-mac-learn-mask>
    l2-mac-learn-mask
  </l2-mac-learn-mask>
  <l2-mac-entry-flags>
    l2-mac-entry-flags
  </l2-mac-entry-flags>
  <l2-mac-flags>
    l2-mac-flags
  </l2-mac-flags>
  <l2-bridge-vlan>
    l2-bridge-vlan
  </l2-bridge-vlan>
  <l2-bridge-isid>
    l2-bridge-isid
  </l2-bridge-isid>
  <l2ald-mac-source-address-statistics>....</l2ald-mac-source-address-statistics>

  <l2ald-mac-destination-address-statistics>....</l2ald-mac-destination-address-statistics>

  </l2ald-mac-entry>
</l2ald-global-macdb>

```

Description**<l2ald-mac-entry>****Usage****<l2ald-interface-macdb>**

```
<l2ald-mac-entry>
  <l2-mac-address>
    l2-mac-address
  </l2-mac-address>
  <l2-remote-beb-mac-address>
    l2-remote-beb-mac-address
  </l2-remote-beb-mac-address>
  <l2-mac-interface-device>
    l2-mac-interface-device
  </l2-mac-interface-device>
  <l2-mac-logical-interface>
    l2-mac-logical-interface
  </l2-mac-logical-interface>
  <l2-mac-routing-instance>
    l2-mac-routing-instance
  </l2-mac-routing-instance>
  <l2-mac-bridging-domain>
    l2-mac-bridging-domain
  </l2-mac-bridging-domain>
  <l2-mac-logical-system>
    l2-mac-logical-system
  </l2-mac-logical-system>
  <l2-mac-vlan>
    l2-mac-vlan
  </l2-mac-vlan>
  <l2-mac-stp-index>
    l2-mac-stp-index
  </l2-mac-stp-index>
  <l2-mac-epoch>
    l2-mac-epoch
  </l2-mac-epoch>
  <l2-mac-ifl-generation>
    l2-mac-ifl-generation
  </l2-mac-ifl-generation>
  <l2-mac-sequence-number>
    l2-mac-sequence-number
  </l2-mac-sequence-number>
  <l2-mac-learn-mask>
    l2-mac-learn-mask
  </l2-mac-learn-mask>
  <l2-mac-entry-flags>
    l2-mac-entry-flags
  </l2-mac-entry-flags>
  <l2-mac-flags>
    l2-mac-flags
  </l2-mac-flags>
  <l2-bridge-vlan>
    l2-bridge-vlan
  </l2-bridge-vlan>
  <l2-bridge-isid>
    l2-bridge-isid
  </l2-bridge-isid>
<l2ald-mac-source-address-statistics>....</l2ald-mac-source-address-statistics>
```

```
<l2ald-mac-destination-address-statistics>....</l2ald-mac-destination-address-statistics>
```

```
</l2ald-mac-entry>
</l2ald-interface-macdb>
```

Description

<l2ald-mac-entry>

Usage

```
<l2ald-rtb-macdb>
<l2ald-mac-entry>
  <l2-mac-address>
    l2-mac-address
  </l2-mac-address>
  <l2-remote-beb-mac-address>
    l2-remote-beb-mac-address
  </l2-remote-beb-mac-address>
  <l2-mac-interface-device>
    l2-mac-interface-device
  </l2-mac-interface-device>
  <l2-mac-logical-interface>
    l2-mac-logical-interface
  </l2-mac-logical-interface>
  <l2-mac-routing-instance>
    l2-mac-routing-instance
  </l2-mac-routing-instance>
  <l2-mac-bridging-domain>
    l2-mac-bridging-domain
  </l2-mac-bridging-domain>
  <l2-mac-logical-system>
    l2-mac-logical-system
  </l2-mac-logical-system>
  <l2-mac-vlan>
    l2-mac-vlan
  </l2-mac-vlan>
  <l2-mac-stp-index>
    l2-mac-stp-index
  </l2-mac-stp-index>
  <l2-mac-epoch>
    l2-mac-epoch
  </l2-mac-epoch>
  <l2-mac-ifl-generation>
    l2-mac-ifl-generation
  </l2-mac-ifl-generation>
  <l2-mac-sequence-number>
    l2-mac-sequence-number
  </l2-mac-sequence-number>
  <l2-mac-learn-mask>
    l2-mac-learn-mask
  </l2-mac-learn-mask>
  <l2-mac-entry-flags>
    l2-mac-entry-flags
  </l2-mac-entry-flags>
  <l2-mac-flags>
    l2-mac-flags
```

```
</l2-mac-flags>
<l2-bridge-vlan>
  l2-bridge-vlan
</l2-bridge-vlan>
<l2-bridge-isid>
  l2-bridge-isid
</l2-bridge-isid>
<l2ald-mac-source-address-statistics>....</l2ald-mac-source-address-statistics>
```

```
<l2ald-mac-destination-address-statistics>....</l2ald-mac-destination-address-statistics>
```

```
</l2ald-mac-entry>
</l2ald-rtb-macdb>
```

Description

<l2ald-mac-source-address-statistics>

Usage

```
<l2ald-mac-source-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</l2ald-mac-source-address-statistics>
```

Description MAC source address statistics

<l2ald-mac-source-address-statistics>

Usage

```
<l2ald-mac-entry>
  <l2ald-mac-source-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </l2ald-mac-source-address-statistics>
</l2ald-mac-entry>
```

Description MAC source address statistics

<l2ald-mac-source-address-statistics>

Usage

```
<l2ald-global-macdb>
  <l2ald-mac-entry>
```



```

<l2ald-mac-source-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</l2ald-mac-source-address-statistics>
</l2ald-mac-entry>
</l2ald-global-macdb>

```

Description MAC source address statistics

<l2ald-mac-source-address-statistics>

Usage

```

<l2ald-interface-macdb>
  <l2ald-mac-entry>
    <l2ald-mac-source-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </l2ald-mac-source-address-statistics>
  </l2ald-mac-entry>
</l2ald-interface-macdb>

```

Description MAC source address statistics

<l2ald-mac-source-address-statistics>

Usage

```

<l2ald-rtb-macdb>
  <l2ald-mac-entry>
    <l2ald-mac-source-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </l2ald-mac-source-address-statistics>
  </l2ald-mac-entry>
</l2ald-rtb-macdb>

```

Description MAC source address statistics

<l2ald-mc-ae-arp-entry>

Usage

```
<l2ald-mc-ae-arp-entry>
  <l2ald-mc-ae-rg-id>
    l2ald-mc-ae-rg-id
  </l2ald-mc-ae-rg-id>
  <l2ald-mc-ae-arp-rx-count-from-line>
    l2ald-mc-ae-arp-rx-count-from-line
  </l2ald-mc-ae-arp-rx-count-from-line>
  <l2ald-mc-ae-arp-tx-count-to-peer>
    l2ald-mc-ae-arp-tx-count-to-peer
  </l2ald-mc-ae-arp-tx-count-to-peer>
  <l2ald-mc-ae-arp-rx-count-from-peer>
    l2ald-mc-ae-arp-rx-count-from-peer
  </l2ald-mc-ae-arp-rx-count-from-peer>
  <l2ald-mc-ae-arp-install-count>
    l2ald-mc-ae-arp-install-count
  </l2ald-mc-ae-arp-install-count>
  <l2ald-mc-ae-arp-local-drop-count>
    l2ald-mc-ae-arp-local-drop-count
  </l2ald-mc-ae-arp-local-drop-count>
  <l2ald-mc-ae-arp-remote-drop-count>
    l2ald-mc-ae-arp-remote-drop-count
  </l2ald-mc-ae-arp-remote-drop-count>
</l2ald-mc-ae-arp-entry>
```

Description

<l2ald-mc-ae-arp-entry>

Usage

```
<l2ald-rg-information>
  <l2ald-mc-ae-arp-entry>
    <l2ald-mc-ae-rg-id>
      l2ald-mc-ae-rg-id
    </l2ald-mc-ae-rg-id>
    <l2ald-mc-ae-arp-rx-count-from-line>
      l2ald-mc-ae-arp-rx-count-from-line
    </l2ald-mc-ae-arp-rx-count-from-line>
    <l2ald-mc-ae-arp-tx-count-to-peer>
      l2ald-mc-ae-arp-tx-count-to-peer
    </l2ald-mc-ae-arp-tx-count-to-peer>
    <l2ald-mc-ae-arp-rx-count-from-peer>
      l2ald-mc-ae-arp-rx-count-from-peer
    </l2ald-mc-ae-arp-rx-count-from-peer>
    <l2ald-mc-ae-arp-install-count>
      l2ald-mc-ae-arp-install-count
    </l2ald-mc-ae-arp-install-count>
    <l2ald-mc-ae-arp-local-drop-count>
      l2ald-mc-ae-arp-local-drop-count
    </l2ald-mc-ae-arp-local-drop-count>
    <l2ald-mc-ae-arp-remote-drop-count>
      l2ald-mc-ae-arp-remote-drop-count
    </l2ald-mc-ae-arp-remote-drop-count>
```

```

</l2ald-mc-ae-arp-entry>
</l2ald-rg-information>

```

Description

<l2ald-mc-ae-mh-remote-mac-entry>

Usage

```

<l2ald-mc-ae-mh-remote-mac-entry>
  <l2ald-mc-ae-mh-service-id>
    l2ald-mc-ae-mh-service-id
  </l2ald-mc-ae-mh-service-id>
  <l2ald-mc-ae-mh-vlan-id>
    l2ald-mc-ae-mh-vlan-id
  </l2ald-mc-ae-mh-vlan-id>
  <l2ald-mc-ae-mh-peer-address>
    l2ald-mc-ae-mh-peer-address
  </l2ald-mc-ae-mh-peer-address>
  <l2ald-mc-ae-mh-mac-address>
    l2ald-mc-ae-mh-mac-address
  </l2ald-mc-ae-mh-mac-address>
  <l2ald-mc-ae-mh-mcae-id>
    l2ald-mc-ae-mh-mcae-id
  </l2ald-mc-ae-mh-mcae-id>
  <l2ald-mc-ae-mh-unit-num>
    l2ald-mc-ae-mh-unit-num
  </l2ald-mc-ae-mh-unit-num>
  <l2ald-mc-ae-mh-rtm-op>
    l2ald-mc-ae-mh-rtm-op
  </l2ald-mc-ae-mh-rtm-op>
  <l2ald-mc-ae-mh-flags>
    l2ald-mc-ae-mh-flags
  </l2ald-mc-ae-mh-flags>
  <l2ald-mc-ae-mh-status>
    l2ald-mc-ae-mh-status
  </l2ald-mc-ae-mh-status>
</l2ald-mc-ae-mh-remote-mac-entry>

```

Description

<l2ald-mc-ae-mh-remote-mac-entry>

Usage

```

<l2ald-rg-information>
  <l2ald-mc-ae-mh-remote-mac-entry>
    <l2ald-mc-ae-mh-service-id>
      l2ald-mc-ae-mh-service-id
    </l2ald-mc-ae-mh-service-id>
    <l2ald-mc-ae-mh-vlan-id>
      l2ald-mc-ae-mh-vlan-id
    </l2ald-mc-ae-mh-vlan-id>
    <l2ald-mc-ae-mh-peer-address>
      l2ald-mc-ae-mh-peer-address
    </l2ald-mc-ae-mh-peer-address>
  </l2ald-mc-ae-mh-remote-mac-entry>

```

```
<l2ald-mc-ae-mh-mac-address>
  l2ald-mc-ae-mh-mac-address
</l2ald-mc-ae-mh-mac-address>
<l2ald-mc-ae-mh-mcae-id>
  l2ald-mc-ae-mh-mcae-id
</l2ald-mc-ae-mh-mcae-id>
<l2ald-mc-ae-mh-unit-num>
  l2ald-mc-ae-mh-unit-num
</l2ald-mc-ae-mh-unit-num>
<l2ald-mc-ae-mh-rtm-op>
  l2ald-mc-ae-mh-rtm-op
</l2ald-mc-ae-mh-rtm-op>
<l2ald-mc-ae-mh-flags>
  l2ald-mc-ae-mh-flags
</l2ald-mc-ae-mh-flags>
<l2ald-mc-ae-mh-status>
  l2ald-mc-ae-mh-status
</l2ald-mc-ae-mh-status>
</l2ald-mc-ae-mh-remote-mac-entry>
</l2ald-rg-information>
```

Description

<l2ald-mc-ae-rg-entry>

Usage

```
<l2ald-mc-ae-rg-entry>
<l2ald-mc-ae-rg-id>
  l2ald-mc-ae-rg-id
</l2ald-mc-ae-rg-id>
<l2ald-mc-ae-rg-flags>
  l2ald-mc-ae-rg-flags
</l2ald-mc-ae-rg-flags>
<l2ald-mc-ae-rg-ref-count>
  l2ald-mc-ae-rg-ref-count
</l2ald-mc-ae-rg-ref-count>
<l2ald-mc-ae-rg-tx-count>
  l2ald-mc-ae-rg-tx-count
</l2ald-mc-ae-rg-tx-count>
<l2ald-mc-ae-rg-rx-count>
  l2ald-mc-ae-rg-rx-count
</l2ald-mc-ae-rg-rx-count>
<l2ald-mc-ae-rg-disconnect-count>
  l2ald-mc-ae-rg-disconnect-count
</l2ald-mc-ae-rg-disconnect-count>
</l2ald-mc-ae-rg-entry>
```

Description

<l2ald-mc-ae-rg-entry>

Usage

```
<l2ald-rg-information>
  <l2ald-mc-ae-rg-entry>
```

```

<l2ald-mc-ae-rg-id>
  l2ald-mc-ae-rg-id
</l2ald-mc-ae-rg-id>
<l2ald-mc-ae-rg-flags>
  l2ald-mc-ae-rg-flags
</l2ald-mc-ae-rg-flags>
<l2ald-mc-ae-rg-ref-count>
  l2ald-mc-ae-rg-ref-count
</l2ald-mc-ae-rg-ref-count>
<l2ald-mc-ae-rg-tx-count>
  l2ald-mc-ae-rg-tx-count
</l2ald-mc-ae-rg-tx-count>
<l2ald-mc-ae-rg-rx-count>
  l2ald-mc-ae-rg-rx-count
</l2ald-mc-ae-rg-rx-count>
<l2ald-mc-ae-rg-disconnect-count>
  l2ald-mc-ae-rg-disconnect-count
</l2ald-mc-ae-rg-disconnect-count>
</l2ald-mc-ae-rg-entry>
</l2ald-rg-information>

```

Description

<l2ald-mc-ae-sh-remote-mac-entry>

Usage

```

<l2ald-mc-ae-sh-remote-mac-entry>
  <l2ald-mc-ae-sh-service-id>
    l2ald-mc-ae-sh-service-id
  </l2ald-mc-ae-sh-service-id>
  <l2ald-mc-ae-sh-vlan-id>
    l2ald-mc-ae-sh-vlan-id
  </l2ald-mc-ae-sh-vlan-id>
  <l2ald-mc-ae-sh-peer-address>
    l2ald-mc-ae-sh-peer-address
  </l2ald-mc-ae-sh-peer-address>
  <l2ald-mc-ae-sh-mac-address>
    l2ald-mc-ae-sh-mac-address
  </l2ald-mc-ae-sh-mac-address>
  <l2ald-mc-ae-sh-rtm-op>
    l2ald-mc-ae-sh-rtm-op
  </l2ald-mc-ae-sh-rtm-op>
  <l2ald-mc-ae-sh-flags>
    l2ald-mc-ae-sh-flags
  </l2ald-mc-ae-sh-flags>
  <l2ald-mc-ae-sh-status>
    l2ald-mc-ae-sh-status
  </l2ald-mc-ae-sh-status>
</l2ald-mc-ae-sh-remote-mac-entry>

```

Description

<l2ald-mc-ae-sh-remote-mac-entry>

Usage

```
<l2ald-rg-information>
  <l2ald-mc-ae-sh-remote-mac-entry>
    <l2ald-mc-ae-sh-service-id>
      l2ald-mc-ae-sh-service-id
    </l2ald-mc-ae-sh-service-id>
    <l2ald-mc-ae-sh-vlan-id>
      l2ald-mc-ae-sh-vlan-id
    </l2ald-mc-ae-sh-vlan-id>
    <l2ald-mc-ae-sh-peer-address>
      l2ald-mc-ae-sh-peer-address
    </l2ald-mc-ae-sh-peer-address>
    <l2ald-mc-ae-sh-mac-address>
      l2ald-mc-ae-sh-mac-address
    </l2ald-mc-ae-sh-mac-address>
    <l2ald-mc-ae-sh-rtm-op>
      l2ald-mc-ae-sh-rtm-op
    </l2ald-mc-ae-sh-rtm-op>
    <l2ald-mc-ae-sh-flags>
      l2ald-mc-ae-sh-flags
    </l2ald-mc-ae-sh-flags>
    <l2ald-mc-ae-sh-status>
      l2ald-mc-ae-sh-status
    </l2ald-mc-ae-sh-status>
  </l2ald-mc-ae-sh-remote-mac-entry>
</l2ald-rg-information>
```

Description

<l2ald-mvrp-information>

Usage

```
<l2ald-mvrp-information>
  <l2ald-ifd-preconfig-entry>....</l2ald-ifd-preconfig-entry>
  <l2ald-server-non-mvrp-ct>
    l2ald-server-non-mvrp-ct
  </l2ald-server-non-mvrp-ct>
  <l2ald-server-mvrp-ct>
    l2ald-server-mvrp-ct
  </l2ald-server-mvrp-ct>
  <l2ald-server-mvrp-join-ct>
    l2ald-server-mvrp-join-ct
  </l2ald-server-mvrp-join-ct>
  <l2ald-server-mvrp-leave-ct>
    l2ald-server-mvrp-leave-ct
  </l2ald-server-mvrp-leave-ct>
</l2ald-mvrp-information>
```

Description

<l2ald-pbbn>

Usage

```
<l2ald-pbbn>
  <l2ald-pbbn-entry>....</l2ald-pbbn-entry>
</l2ald-pbbn>
```

Description

<l2ald-pbbn-entry>

Usage

```
<l2ald-pbbn-entry>
  <l2pbbn-logical-system>
    l2pbbn-logical-system
  </l2pbbn-logical-system>
  <l2pbbn-rtb>
    l2pbbn-rtb
  </l2pbbn-rtb>
  <l2pbbn-rtb-bb>
    l2pbbn-rtb-bb
  </l2pbbn-rtb-bb>
  <l2pbbn-rtb-pbbn-id>
    l2pbbn-rtb-pbbn-id
  </l2pbbn-rtb-pbbn-id>
  <l2pbbn-pbn-bd>
    l2pbbn-pbn-bd
  </l2pbbn-pbn-bd>
  <l2pbbn-svlan>
    l2pbbn-svlan
  </l2pbbn-svlan>
  <l2pbbn-isid>
    l2pbbn-isid
  </l2pbbn-isid>
  <l2pbbn-bvlan>
    l2pbbn-bvlan
  </l2pbbn-bvlan>
  <l2pbbn-flags>
    l2pbbn-flags
  </l2pbbn-flags>
  <l2pbbn-pbn-bd-index>
    l2pbbn-pbn-bd-index
  </l2pbbn-pbn-bd-index>
  <l2pbbn-pbbn-bd>
    l2pbbn-pbbn-bd
  </l2pbbn-pbbn-bd>
  <l2pbbn-pbbn-bd-index>
    l2pbbn-pbbn-bd-index
  </l2pbbn-pbbn-bd-index>
  <l2pbbn-generation>
    l2pbbn-generation
  </l2pbbn-generation>
  <l2pbbn-sequence-number>
    l2pbbn-sequence-number
  </l2pbbn-sequence-number>
```

```
<l2pbbn-handle>
  l2pbbn-handle
</l2pbbn-handle>
<l2pbbn-mac-address>
  l2pbbn-mac-address
</l2pbbn-mac-address>
</l2ald-pbbn-entry>
```

Description

<l2ald-pbbn-entry>

Usage

```
<l2ald-config-pbbn>
  <l2ald-pbbn-entry>
    <l2pbbn-logical-system>
      l2pbbn-logical-system
    </l2pbbn-logical-system>
    <l2pbbn-rtb>
      l2pbbn-rtb
    </l2pbbn-rtb>
    <l2pbbn-rtb-bb>
      l2pbbn-rtb-bb
    </l2pbbn-rtb-bb>
    <l2pbbn-rtb-pbbn-id>
      l2pbbn-rtb-pbbn-id
    </l2pbbn-rtb-pbbn-id>
    <l2pbbn-pbn-bd>
      l2pbbn-pbn-bd
    </l2pbbn-pbn-bd>
    <l2pbbn-svlan>
      l2pbbn-svlan
    </l2pbbn-svlan>
    <l2pbbn-isid>
      l2pbbn-isid
    </l2pbbn-isid>
    <l2pbbn-bvlan>
      l2pbbn-bvlan
    </l2pbbn-bvlan>
    <l2pbbn-flags>
      l2pbbn-flags
    </l2pbbn-flags>
    <l2pbbn-pbn-bd-index>
      l2pbbn-pbn-bd-index
    </l2pbbn-pbn-bd-index>
    <l2pbbn-pbbn-bd>
      l2pbbn-pbbn-bd
    </l2pbbn-pbbn-bd>
    <l2pbbn-pbbn-bd-index>
      l2pbbn-pbbn-bd-index
    </l2pbbn-pbbn-bd-index>
    <l2pbbn-generation>
      l2pbbn-generation
    </l2pbbn-generation>
    <l2pbbn-sequence-number>
```



```

    l2pbbn-sequence-number
  </l2pbbn-sequence-number>
  <l2pbbn-handle>
    l2pbbn-handle
  </l2pbbn-handle>
  <l2pbbn-mac-address>
    l2pbbn-mac-address
  </l2pbbn-mac-address>
</l2ald-pbbn-entry>
</l2ald-config-pbbn>

```

Description

<l2ald-pbbn-entry>

Usage

```

<l2ald-pbbn>
  <l2ald-pbbn-entry>
    <l2pbbn-logical-system>
      l2pbbn-logical-system
    </l2pbbn-logical-system>
    <l2pbbn-rtb>
      l2pbbn-rtb
    </l2pbbn-rtb>
    <l2pbbn-rtb-bb>
      l2pbbn-rtb-bb
    </l2pbbn-rtb-bb>
    <l2pbbn-rtb-pbbn-id>
      l2pbbn-rtb-pbbn-id
    </l2pbbn-rtb-pbbn-id>
    <l2pbbn-pbn-bd>
      l2pbbn-pbn-bd
    </l2pbbn-pbn-bd>
    <l2pbbn-svlan>
      l2pbbn-svlan
    </l2pbbn-svlan>
    <l2pbbn-isid>
      l2pbbn-isid
    </l2pbbn-isid>
    <l2pbbn-bvlan>
      l2pbbn-bvlan
    </l2pbbn-bvlan>
    <l2pbbn-flags>
      l2pbbn-flags
    </l2pbbn-flags>
    <l2pbbn-pbn-bd-index>
      l2pbbn-pbn-bd-index
    </l2pbbn-pbn-bd-index>
    <l2pbbn-pbbn-bd>
      l2pbbn-pbbn-bd
    </l2pbbn-pbbn-bd>
    <l2pbbn-pbbn-bd-index>
      l2pbbn-pbbn-bd-index
    </l2pbbn-pbbn-bd-index>
    <l2pbbn-generation>

```

```
    l2pbbn-generation
  </l2pbbn-generation>
  <l2pbbn-sequence-number>
    l2pbbn-sequence-number
  </l2pbbn-sequence-number>
  <l2pbbn-handle>
    l2pbbn-handle
  </l2pbbn-handle>
  <l2pbbn-mac-address>
    l2pbbn-mac-address
  </l2pbbn-mac-address>
</l2ald-pbbn-entry>
</l2ald-pbbn>
```

Description

<l2ald-pbn>

Usage

```
<l2ald-pbn>
  <l2ald-pbn-entry>....</l2ald-pbn-entry>
</l2ald-pbn>
```

Description

<l2ald-pbn-entry>

Usage

```
<l2ald-pbn-entry>
  <l2pbn-logical-system>
    l2pbn-logical-system
  </l2pbn-logical-system>
  <l2pbn-rtb>
    l2pbn-rtb
  </l2pbn-rtb>
  <l2pbn-rtb-bb>
    l2pbn-rtb-bb
  </l2pbn-rtb-bb>
  <l2pbn-bridging-domain>
    l2pbn-bridging-domain
  </l2pbn-bridging-domain>
  <l2pbn-pbn-bd>
    l2pbn-pbn-bd
  </l2pbn-pbn-bd>
  <l2pbn-pbbn-bd>
    l2pbn-pbbn-bd
  </l2pbn-pbbn-bd>
  <l2pbn-svlan>
    l2pbn-svlan
  </l2pbn-svlan>
  <l2pbn-isid>
    l2pbn-isid
  </l2pbn-isid>
  <l2pbn-bvlan>
```

```

    l2pbn-bvlan
  </l2pbn-bvlan>
  <l2pbn-flags>
    l2pbn-flags
  </l2pbn-flags>
  <l2pbn-pbn-bd-index>
    l2pbn-pbn-bd-index
  </l2pbn-pbn-bd-index>
  <l2pbn-pbbn-bd-index>
    l2pbn-pbbn-bd-index
  </l2pbn-pbbn-bd-index>
  <l2pbn-generation>
    l2pbn-generation
  </l2pbn-generation>
  <l2pbn-sequence-number>
    l2pbn-sequence-number
  </l2pbn-sequence-number>
  <l2pbn-handle>
    l2pbn-handle
  </l2pbn-handle>
  <l2pbn-mac-address>
    l2pbn-mac-address
  </l2pbn-mac-address>
</l2ald-pbn-entry>

```

Description

<l2ald-pbn-entry>

Usage

```

<l2ald-pbn>
  <l2ald-pbn-entry>
    <l2pbn-logical-system>
      l2pbn-logical-system
    </l2pbn-logical-system>
    <l2pbn-rtb>
      l2pbn-rtb
    </l2pbn-rtb>
    <l2pbn-rtb-bb>
      l2pbn-rtb-bb
    </l2pbn-rtb-bb>
    <l2pbn-bridging-domain>
      l2pbn-bridging-domain
    </l2pbn-bridging-domain>
    <l2pbn-pbn-bd>
      l2pbn-pbn-bd
    </l2pbn-pbn-bd>
    <l2pbn-pbbn-bd>
      l2pbn-pbbn-bd
    </l2pbn-pbbn-bd>
    <l2pbn-svlan>
      l2pbn-svlan
    </l2pbn-svlan>
    <l2pbn-isid>
      l2pbn-isid
  </l2ald-pbn-entry>
</l2ald-pbn>

```

```
</l2pbn-isid>
<l2pbn-bvlan>
  l2pbn-bvlan
</l2pbn-bvlan>
<l2pbn-flags>
  l2pbn-flags
</l2pbn-flags>
<l2pbn-pbn-bd-index>
  l2pbn-pbn-bd-index
</l2pbn-pbn-bd-index>
<l2pbn-pbbn-bd-index>
  l2pbn-pbbn-bd-index
</l2pbn-pbbn-bd-index>
<l2pbn-generation>
  l2pbn-generation
</l2pbn-generation>
<l2pbn-sequence-number>
  l2pbn-sequence-number
</l2pbn-sequence-number>
<l2pbn-handle>
  l2pbn-handle
</l2pbn-handle>
<l2pbn-mac-address>
  l2pbn-mac-address
</l2pbn-mac-address>
</l2ald-pbn-entry>
</l2ald-pbn>
```

Description

<l2ald-perf-counters>

Usage

```
<l2ald-perf-counters>
  <perf-desc>
    perf-desc
  </perf-desc>
  <perf-count>
    perf-count
  </perf-count>
  <perf-start-time-sec>
    perf-start-time-sec
  </perf-start-time-sec>
  <perf-start-time-usec>
    perf-start-time-usec
  </perf-start-time-usec>
  <perf-end-time-sec>
    perf-end-time-sec
  </perf-end-time-sec>
  <perf-end-time-usec>
    perf-end-time-usec
  </perf-end-time-usec>
  <perf-diff-time-sec>
    perf-diff-time-sec
  </perf-diff-time-sec>
```

```

    <perf-diff-time-usec>
      perf-diff-time-usec
    </perf-diff-time-usec>
  </l2ald-perf-counters>

```

Description Show L2 address learning performance information

<l2ald-rbeb-entry>

Usage

```

<l2ald-rbeb-entry>
  <l2-rbeb-logical-system>
    l2-rbeb-logical-system
  </l2-rbeb-logical-system>
  <l2-rbeb-routing-instance>
    l2-rbeb-routing-instance
  </l2-rbeb-routing-instance>
  <l2-rbeb-le-index>
    l2-rbeb-le-index
  </l2-rbeb-le-index>
  <l2-rbeb-mac-address>
    l2-rbeb-mac-address
  </l2-rbeb-mac-address>
  <l2-rbeb-time-left-sec>
    l2-rbeb-time-left-sec
  </l2-rbeb-time-left-sec>
  <l2-rbeb-time-left-msec>
    l2-rbeb-time-left-msec
  </l2-rbeb-time-left-msec>
  <l2-rbeb-flags>
    l2-rbeb-flags
  </l2-rbeb-flags>
  <l2-rbeb-state-flags>
    l2-rbeb-state-flags
  </l2-rbeb-state-flags>
</l2ald-rbeb-entry>

```

Description

<l2ald-rbeb-entry>

Usage

```

<l2ald-rbeb-information>
  <l2ald-rbeb-entry>
    <l2-rbeb-logical-system>
      l2-rbeb-logical-system
    </l2-rbeb-logical-system>
    <l2-rbeb-routing-instance>
      l2-rbeb-routing-instance
    </l2-rbeb-routing-instance>
    <l2-rbeb-le-index>
      l2-rbeb-le-index
    </l2-rbeb-le-index>
    <l2-rbeb-mac-address>

```

```
l2-rbeb-mac-address
</l2-rbeb-mac-address>
<l2-rbeb-time-left-sec>
l2-rbeb-time-left-sec
</l2-rbeb-time-left-sec>
<l2-rbeb-time-left-msec>
l2-rbeb-time-left-msec
</l2-rbeb-time-left-msec>
<l2-rbeb-flags>
l2-rbeb-flags
</l2-rbeb-flags>
<l2-rbeb-state-flags>
l2-rbeb-state-flags
</l2-rbeb-state-flags>
</l2ald-rbeb-entry>
</l2ald-rbeb-information>
```

Description

<l2ald-rbeb-information>

Usage

```
<l2ald-rbeb-information>
<l2ald-rbeb-entry>....</l2ald-rbeb-entry>
</l2ald-rbeb-information>
```

Description

<l2ald-rg-information>

Usage

```
<l2ald-rg-information>
<l2ald-mc-ae-rg-entry>....</l2ald-mc-ae-rg-entry>
<l2ald-mc-ae-sh-remote-mac-entry>....</l2ald-mc-ae-sh-remote-mac-entry>
<l2ald-mc-ae-mh-remote-mac-entry>....</l2ald-mc-ae-mh-remote-mac-entry>
<l2ald-mc-ae-arp-entry>....</l2ald-mc-ae-arp-entry>
</l2ald-rg-information>
```

Description

<l2ald-rtb-entry>

Usage

```
<l2ald-rtb-entry>
<l2rtb-name>
l2rtb-name
</l2rtb-name>
<l2rtb-bridging-domain>
l2rtb-bridging-domain
</l2rtb-bridging-domain>
<l2rtb-id>
l2rtb-id
</l2rtb-id>
<l2bd-id>
```

```
l2bd-id
</l2bd-id>
<l2rtb-l2irb-ifl-index>
  l2rtb-l2irb-ifl-index
</l2rtb-l2irb-ifl-index>
<l2bd-vlan-id>
  l2bd-vlan-id
</l2bd-vlan-id>
<l2rtb-logical-system>
  l2rtb-logical-system
</l2rtb-logical-system>
<l2rtb-sequence-number>
  l2rtb-sequence-number
</l2rtb-sequence-number>
<l2rtb-mac-limit>
  l2rtb-mac-limit
</l2rtb-mac-limit>
<l2rtb-macs-learned>
  l2rtb-macs-learned
</l2rtb-macs-learned>
<l2rtb-config-smacs-learned>
  l2rtb-config-smacs-learned
</l2rtb-config-smacs-learned>
<l2rtb-non-config-smacs-learned>
  l2rtb-non-config-smacs-learned
</l2rtb-non-config-smacs-learned>
<l2rtb-flags>
  l2rtb-flags
</l2rtb-flags>
<l2rtb-peer-pbbn-rtb-id>
  l2rtb-peer-pbbn-rtb-id
</l2rtb-peer-pbbn-rtb-id>
<l2rtb-irb-interface>
  l2rtb-irb-interface
</l2rtb-irb-interface>
<l2rtb-irb-interface-index>
  l2rtb-irb-interface-index
</l2rtb-irb-interface-index>
<l2rtb-handle>
  l2rtb-handle
</l2rtb-handle>
<l2rtb-config-bd-vlan>
  l2rtb-config-bd-vlan
</l2rtb-config-bd-vlan>
<l2rtb-config-operation>
  l2rtb-config-operation
</l2rtb-config-operation>
<l2rtb-config-flags>
  l2rtb-config-flags
</l2rtb-config-flags>
<l2rtb-config-params>
  l2rtb-config-params
</l2rtb-config-params>
<l2rtb-config-ownership-flags>
  l2rtb-config-ownership-flags
</l2rtb-config-ownership-flags>
```

```
<l2rtb-config-mvrp-ref-count>
  l2rtb-config-mvrp-ref-count
</l2rtb-config-mvrp-ref-count>
<l2rtb-instance-type>
  l2rtb-instance-type
</l2rtb-instance-type>
<l2rtb-config-smac-count>
  l2rtb-config-smac-count
</l2rtb-config-smac-count>
<l2rtb-rtsock-write-errors>
  l2rtb-rtsock-write-errors
</l2rtb-rtsock-write-errors>
<l2rtb-ownership-flags>
  l2rtb-ownership-flags
</l2rtb-ownership-flags>
<l2rtb-configured-service-id>
  l2rtb-configured-service-id
</l2rtb-configured-service-id>
<l2rtb-active-service-id>
  l2rtb-active-service-id
</l2rtb-active-service-id>
<l2rtb-configured-rg-id>
  l2rtb-configured-rg-id
</l2rtb-configured-rg-id>
<l2rtb-active-rg-id>
  l2rtb-active-rg-id
</l2rtb-active-rg-id>
</l2ald-rtb-entry>
```

Description

<l2ald-rtb-entry>

Usage

```
<bridge-statistics-information>
  <l2ald-rtb-entry>
    <l2rtb-name>
      l2rtb-name
    </l2rtb-name>
    <l2rtb-bridging-domain>
      l2rtb-bridging-domain
    </l2rtb-bridging-domain>
    <l2rtb-id>
      l2rtb-id
    </l2rtb-id>
    <l2bd-id>
      l2bd-id
    </l2bd-id>
    <l2rtb-l2irb-ifl-index>
      l2rtb-l2irb-ifl-index
    </l2rtb-l2irb-ifl-index>
    <l2bd-vlan-id>
      l2bd-vlan-id
    </l2bd-vlan-id>
  </l2ald-rtb-entry>
```



```
  l2rtb-logical-system
</l2rtb-logical-system>
<l2rtb-sequence-number>
  l2rtb-sequence-number
</l2rtb-sequence-number>
<l2rtb-mac-limit>
  l2rtb-mac-limit
</l2rtb-mac-limit>
<l2rtb-macs-learned>
  l2rtb-macs-learned
</l2rtb-macs-learned>
<l2rtb-config-smacs-learned>
  l2rtb-config-smacs-learned
</l2rtb-config-smacs-learned>
<l2rtb-non-config-smacs-learned>
  l2rtb-non-config-smacs-learned
</l2rtb-non-config-smacs-learned>
<l2rtb-flags>
  l2rtb-flags
</l2rtb-flags>
<l2rtb-peer-pbbn-rtb-id>
  l2rtb-peer-pbbn-rtb-id
</l2rtb-peer-pbbn-rtb-id>
<l2rtb-irb-interface>
  l2rtb-irb-interface
</l2rtb-irb-interface>
<l2rtb-irb-interface-index>
  l2rtb-irb-interface-index
</l2rtb-irb-interface-index>
<l2rtb-handle>
  l2rtb-handle
</l2rtb-handle>
<l2rtb-config-bd-vlan>
  l2rtb-config-bd-vlan
</l2rtb-config-bd-vlan>
<l2rtb-config-operation>
  l2rtb-config-operation
</l2rtb-config-operation>
<l2rtb-config-flags>
  l2rtb-config-flags
</l2rtb-config-flags>
<l2rtb-config-params>
  l2rtb-config-params
</l2rtb-config-params>
<l2rtb-config-ownership-flags>
  l2rtb-config-ownership-flags
</l2rtb-config-ownership-flags>
<l2rtb-config-mvrp-ref-count>
  l2rtb-config-mvrp-ref-count
</l2rtb-config-mvrp-ref-count>
<l2rtb-instance-type>
  l2rtb-instance-type
</l2rtb-instance-type>
<l2rtb-config-smac-count>
  l2rtb-config-smac-count
</l2rtb-config-smac-count>
```

```
<l2rtb-rtsock-write-errors>
  l2rtb-rtsock-write-errors
</l2rtb-rtsock-write-errors>
<l2rtb-ownership-flags>
  l2rtb-ownership-flags
</l2rtb-ownership-flags>
<l2rtb-configured-service-id>
  l2rtb-configured-service-id
</l2rtb-configured-service-id>
<l2rtb-active-service-id>
  l2rtb-active-service-id
</l2rtb-active-service-id>
<l2rtb-configured-rg-id>
  l2rtb-configured-rg-id
</l2rtb-configured-rg-id>
<l2rtb-active-rg-id>
  l2rtb-active-rg-id
</l2rtb-active-rg-id>
</l2ald-rtb-entry>
</bridge-statistics-information>
```

Description

<l2ald-rtb-if-mac-count>

Usage

```
<l2ald-rtb-if-mac-count>
  <l2ald-rtb-if-mac-count-entry>....</l2ald-rtb-if-mac-count-entry>
</l2ald-rtb-if-mac-count>
```

Description MAC address count for all the interfaces in the routing instance

<l2ald-rtb-if-mac-count>

Usage

```
<l2ald-rtb-mac-count>
  <l2ald-rtb-mac-count-entry>
    <l2ald-rtb-if-mac-count>
      <l2ald-rtb-if-mac-count-entry>....</l2ald-rtb-if-mac-count-entry>
    </l2ald-rtb-if-mac-count>
  </l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>
```

Description MAC address count for all the interfaces in the routing instance

<l2ald-rtb-if-mac-count-entry>

Usage

```
<l2ald-rtb-if-mac-count>
  <l2ald-rtb-if-mac-count-entry>
    <interface-name>
      interface-name
```

```

</interface-name>
<mac-count>
  mac-count
</mac-count>
</l2ald-rtb-if-mac-count-entry>
</l2ald-rtb-if-mac-count>

```

Description

<l2ald-rtb-if-mac-count-entry>

Usage

```

<l2ald-rtb-mac-count>
<l2ald-rtb-mac-count-entry>
<l2ald-rtb-if-mac-count>
  <l2ald-rtb-if-mac-count-entry>
    <interface-name>
      interface-name
    </interface-name>
    <mac-count>
      mac-count
    </mac-count>
  </l2ald-rtb-if-mac-count-entry>
</l2ald-rtb-if-mac-count>
</l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>

```

Description

<l2ald-rtb-learn-vlan-mac-count>

Usage

```

<l2ald-rtb-learn-vlan-mac-count>
<l2ald-rtb-learn-vlan-mac-count-entry>....</l2ald-rtb-learn-vlan-mac-count-entry>

</l2ald-rtb-learn-vlan-mac-count>

```

Description MAC address count for all the learn vlans within the routing instance

<l2ald-rtb-learn-vlan-mac-count>

Usage

```

<l2ald-rtb-mac-count>
<l2ald-rtb-mac-count-entry>
  <l2ald-rtb-learn-vlan-mac-count>

<l2ald-rtb-learn-vlan-mac-count-entry>....</l2ald-rtb-learn-vlan-mac-count-entry>
  </l2ald-rtb-learn-vlan-mac-count>
</l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>

```

Description MAC address count for all the learn vlans within the routing instance

<l2ald-rtb-learn-vlan-mac-count-entry>

Usage

```
<l2ald-rtb-learn-vlan-mac-count>
  <l2ald-rtb-learn-vlan-mac-count-entry>
    <learn-vlan>
      learn-vlan
    </learn-vlan>
    <mac-count>
      mac-count
    </mac-count>
  </l2ald-rtb-learn-vlan-mac-count-entry>
</l2ald-rtb-learn-vlan-mac-count>
```

Description

<l2ald-rtb-learn-vlan-mac-count-entry>

Usage

```
<l2ald-rtb-mac-count>
  <l2ald-rtb-mac-count-entry>
    <l2ald-rtb-learn-vlan-mac-count>
      <l2ald-rtb-learn-vlan-mac-count-entry>
        <learn-vlan>
          learn-vlan
        </learn-vlan>
        <mac-count>
          mac-count
        </mac-count>
      </l2ald-rtb-learn-vlan-mac-count-entry>
    </l2ald-rtb-learn-vlan-mac-count>
  </l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>
```

Description

<l2ald-rtb-mac-count>

Usage

```
<l2ald-rtb-mac-count>
  <l2ald-rtb-mac-count-entry>....</l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>
```

Description

<l2ald-rtb-mac-count-entry>

Usage

```
<l2ald-rtb-mac-count>
  <l2ald-rtb-mac-count-entry>
    <rtb-name>
      rtb-name
    </rtb-name>
```

```

<bd-name>
  bd-name
</bd-name>
<rtb-mac-count>
  rtb-mac-count
</rtb-mac-count>
<l2ald-rtb-if-mac-count>....</l2ald-rtb-if-mac-count>
<l2ald-rtb-learn-vlan-mac-count>....</l2ald-rtb-learn-vlan-mac-count>
</l2ald-rtb-mac-count-entry>
</l2ald-rtb-mac-count>

```

Description

<l2ald-rtb-mac-learn-count>

Usage

```

<l2ald-rtb-mac-learn-count>
<l2ald-rtb-mac-learn-address>
  l2ald-rtb-mac-learn-address
</l2ald-rtb-mac-learn-address>
<l2ald-rtb-mac-learn-num-times>
  l2ald-rtb-mac-learn-num-times
</l2ald-rtb-mac-learn-num-times>
</l2ald-rtb-mac-learn-count>

```

Description

<l2ald-rtb-macdb>

Usage

```

<l2ald-rtb-macdb>
<l2ald-macdb-rtb-name>
  l2ald-macdb-rtb-name
</l2ald-macdb-rtb-name>
<l2ald-mac-entry>....</l2ald-mac-entry>
</l2ald-rtb-macdb>

```

Description

<l2ald-vpls-flood-event-info>

Usage

```

<l2ald-vpls-flood-event-info>
<event-name>
  event-name
</event-name>
<event-type>
  event-type
</event-type>
<event-owner>
  event-owner
</event-owner>
<event-op>
  event-op

```

```
</event-op>
<event-error>
  event-error
</event-error>
</l2ald-vpls-flood-event-info>
```

Description

<l2ald-vpls-flood-event-info>

Usage

```
<l2ald-vpls-flood-next-event>
<l2ald-vpls-flood-event-info>
  <event-name>
    event-name
  </event-name>
  <event-type>
    event-type
  </event-type>
  <event-owner>
    event-owner
  </event-owner>
  <event-op>
    event-op
  </event-op>
  <event-error>
    event-error
  </event-error>
</l2ald-vpls-flood-event-info>
</l2ald-vpls-flood-next-event>
```

Description

<l2ald-vpls-flood-event-info>

Usage

```
<l2ald-vpls-flood-event-list>
<l2ald-vpls-flood-event-info>
  <event-name>
    event-name
  </event-name>
  <event-type>
    event-type
  </event-type>
  <event-owner>
    event-owner
  </event-owner>
  <event-op>
    event-op
  </event-op>
  <event-error>
    event-error
  </event-error>
</l2ald-vpls-flood-event-info>
```

```
</l2ald-vpls-flood-event-list>
```

Description

<l2ald-vpls-flood-event-info>

Usage

```
<l2ald-vpls-flood-event-queue>
<l2ald-vpls-flood-next-event>
  <l2ald-vpls-flood-event-info>
    <event-name>
      event-name
    </event-name>
    <event-type>
      event-type
    </event-type>
    <event-owner>
      event-owner
    </event-owner>
    <event-op>
      event-op
    </event-op>
    <event-error>
      event-error
    </event-error>
  </l2ald-vpls-flood-event-info>
</l2ald-vpls-flood-next-event>
</l2ald-vpls-flood-event-queue>
```

Description

<l2ald-vpls-flood-event-info>

Usage

```
<l2ald-vpls-flood-event-queue>
<l2ald-vpls-flood-event-list>
  <l2ald-vpls-flood-event-info>
    <event-name>
      event-name
    </event-name>
    <event-type>
      event-type
    </event-type>
    <event-owner>
      event-owner
    </event-owner>
    <event-op>
      event-op
    </event-op>
    <event-error>
      event-error
    </event-error>
  </l2ald-vpls-flood-event-info>
</l2ald-vpls-flood-event-list>
```

</l2ald-vpls-flood-event-queue>

Description

<l2ald-vpls-flood-event-list>

Usage

```
<l2ald-vpls-flood-event-list>
  <l2ald-vpls-flood-event-info>....</l2ald-vpls-flood-event-info>
</l2ald-vpls-flood-event-list>
```

Description

<l2ald-vpls-flood-event-list>

Usage

```
<l2ald-vpls-flood-event-queue>
  <l2ald-vpls-flood-event-list>
    <l2ald-vpls-flood-event-info>....</l2ald-vpls-flood-event-info>
  </l2ald-vpls-flood-event-list>
</l2ald-vpls-flood-event-queue>
```

Description

<l2ald-vpls-flood-event-queue>

Usage

```
<l2ald-vpls-flood-event-queue>
  <l2ald-vpls-flood-next-event>....</l2ald-vpls-flood-next-event>
  <l2ald-vpls-flood-event-list>....</l2ald-vpls-flood-event-list>
</l2ald-vpls-flood-event-queue>
```

Description

<l2ald-vpls-flood-instance>

Usage

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>....</l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<l2ald-vpls-flood-instance-information>

Usage

```
<l2ald-vpls-flood-instance-information>
  <instance-name>
    instance-name
  </instance-name>
  <bridging-domain>
    bridging-domain
  </bridging-domain>
</l2ald-vpls-flood-instance-information>
```



```

</bridging-domain>
<num-active-ce-iffs>
  num-active-ce-iffs
</num-active-ce-iffs>
<num-active-ve-iffs>
  num-active-ve-iffs
</num-active-ve-iffs>
<bridge-domain-name>
  bridge-domain-name
</bridge-domain-name>
<flood-route>....</flood-route>
</l2ald-vpls-flood-instance-information>

```

Description

<l2ald-vpls-flood-instance-information>

Usage

```

<l2ald-vpls-lr-information>
  <l2ald-vpls-flood-instance-information>
    <instance-name>
      instance-name
    </instance-name>
    <bridging-domain>
      bridging-domain
    </bridging-domain>
    <num-active-ce-iffs>
      num-active-ce-iffs
    </num-active-ce-iffs>
    <num-active-ve-iffs>
      num-active-ve-iffs
    </num-active-ve-iffs>
    <bridge-domain-name>
      bridge-domain-name
    </bridge-domain-name>
    <flood-route>....</flood-route>
  </l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>

```

Description

<l2ald-vpls-flood-instance-information>

Usage

```

<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <l2ald-vpls-flood-instance-information>
      <instance-name>
        instance-name
      </instance-name>
      <bridging-domain>
        bridging-domain
      </bridging-domain>
      <num-active-ce-iffs>

```

```
    num-active-ce-iffs
  </num-active-ce-iffs>
  <num-active-ve-iffs>
    num-active-ve-iffs
  </num-active-ve-iffs>
  <bridge-domain-name>
    bridge-domain-name
  </bridge-domain-name>
  <flood-route>....</flood-route>
</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<l2ald-vpls-flood-next-event>

Usage

```
<l2ald-vpls-flood-next-event>
  <l2ald-vpls-flood-event-info>....</l2ald-vpls-flood-event-info>
</l2ald-vpls-flood-next-event>
```

Description

<l2ald-vpls-flood-next-event>

Usage

```
<l2ald-vpls-flood-event-queue>
  <l2ald-vpls-flood-next-event>
    <l2ald-vpls-flood-event-info>....</l2ald-vpls-flood-event-info>
  </l2ald-vpls-flood-next-event>
</l2ald-vpls-flood-event-queue>
```

Description

<l2ald-vpls-flood-route-information>

Usage

```
<l2ald-vpls-flood-route-information>
  <flood-route>....</flood-route>
</l2ald-vpls-flood-route-information>
```

Description

<l2ald-vpls-lr-information>

Usage

```
<l2ald-vpls-lr-information>
  <logical-system-info>....</logical-system-info>

<l2ald-vpls-flood-instance-information>....</l2ald-vpls-flood-instance-information>
</l2ald-vpls-lr-information>
```

Description**<l2ald-vpls-lr-information>****Usage**

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <logical-system-info>....</logical-system-info>

<l2ald-vpls-flood-instance-information>....</l2ald-vpls-flood-instance-information>
  </l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description**<logical-system-info>****Usage**

```
<logical-system-info>
  <logical-system-name>
    logical-system-name
  </logical-system-name>
</logical-system-info>
```

Description**<logical-system-info>****Usage**

```
<l2ald-vpls-lr-information>
  <logical-system-info>
    <logical-system-name>
      logical-system-name
    </logical-system-name>
  </logical-system-info>
</l2ald-vpls-lr-information>
```

Description**<logical-system-info>****Usage**

```
<l2ald-vpls-flood-instance>
  <l2ald-vpls-lr-information>
    <logical-system-info>
      <logical-system-name>
        logical-system-name
      </logical-system-name>
    </logical-system-info>
  </l2ald-vpls-lr-information>
</l2ald-vpls-flood-instance>
```

Description

<logical-system-info>

Usage

```
<l2ald-bridge-domain-lr-information>
  <logical-system-info>
    <logical-system-name>
      logical-system-name
    </logical-system-name>
  </logical-system-info>
</l2ald-bridge-domain-lr-information>
```

Description

<logical-system-info>

Usage

```
<l2ald-bridge-domain-flood-instance>
  <l2ald-bridge-domain-lr-information>
    <logical-system-info>
      <logical-system-name>
        logical-system-name
      </logical-system-name>
    </logical-system-info>
  </l2ald-bridge-domain-lr-information>
</l2ald-bridge-domain-flood-instance>
```

Description

Summary of LACP Response Response Tags ---

<lacp-interface-information>

Usage

```
<lacp-interface-information-list>
  <lacp-interface-information>
    <lag-lacp-header>....</lag-lacp-header>
    <lag-lacp-info>....</lag-lacp-info>
    <lag-lacp-state>....</lag-lacp-state>
    <lag-lacp-protocol>....</lag-lacp-protocol>
  </lacp-interface-information>
</lacp-interface-information-list>
```

Description Information about an aggregated interface

<lacp-interface-information-list>

Usage

```
<lacp-interface-information-list>
  <lacp-interface-information>....</lacp-interface-information>
</lacp-interface-information-list>
```

Description Information about one or more aggregated interfaces

<lacp-interface-statistics>

Usage

```
<lacp-interface-statistics-list>
  <lacp-interface-statistics>
    <lag-lacp-header>....</lag-lacp-header>
    <lag-lacp-statistics>....</lag-lacp-statistics>
  </lacp-interface-statistics>
</lacp-interface-statistics-list>
```

Description Statistics for an aggregated interface

<lacp-interface-statistics-list>

Usage

```
<lacp-interface-statistics-list>
  <lacp-interface-statistics>....</lacp-interface-statistics>
</lacp-interface-statistics-list>
```

Description Information about one or more aggregated interfaces

<lag-lacp-header>

Usage

```
<lag-lacp-header>
  <aggregate-name>
    aggregate-name
  </aggregate-name>
</lag-lacp-header>
```

Description LACP header

<lag-lacp-header>

Usage

```
<lacp-interface-information-list>
  <lacp-interface-information>
    <lag-lacp-header>
      <aggregate-name>
        aggregate-name
      </aggregate-name>
    </lag-lacp-header>
  </lacp-interface-information>
</lacp-interface-information-list>
```

Description LACP header

<lag-lACP-header>

Usage

```
<lacp-interface-statistics-list>
  <lacp-interface-statistics>
    <lag-lACP-header>
      <aggregate-name>
        aggregate-name
      </aggregate-name>
    </lag-lACP-header>
  </lacp-interface-statistics>
</lacp-interface-statistics-list>
```

Description LACP header

<lag-lACP-info>

Usage

```
<lag-lACP-info>
  <name>
    name
  </name>
  <lacp-role>
    lacp-role
  </lacp-role>
  <lacp-sys-priority>
    lacp-sys-priority
  </lacp-sys-priority>
  <lacp-system-id>
    lacp-system-id
  </lacp-system-id>
  <lacp-port-priority>
    lacp-port-priority
  </lacp-port-priority>
  <lacp-port-number>
    lacp-port-number
  </lacp-port-number>
  <lacp-port-key>
    lacp-port-key
  </lacp-port-key>
</lag-lACP-info>
```

Description LACP information

<lag-lACP-info>

Usage

```
<lacp-interface-information-list>
  <lacp-interface-information>
    <lag-lACP-info>
      <name>
        name
      </name>
    </lag-lACP-info>
  </lacp-interface-information>
</lacp-interface-information-list>
```

```

</name>
<lacp-role>
  lacp-role
</lacp-role>
<lacp-sys-priority>
  lacp-sys-priority
</lacp-sys-priority>
<lacp-system-id>
  lacp-system-id
</lacp-system-id>
<lacp-port-priority>
  lacp-port-priority
</lacp-port-priority>
<lacp-port-number>
  lacp-port-number
</lacp-port-number>
<lacp-port-key>
  lacp-port-key
</lacp-port-key>
</lag-lacp-info>
</lacp-interface-information>
</lacp-interface-information-list>

```

Description LACP information

<lag-lacp-protocol>

Usage

```

<lag-lacp-protocol>
<name>
  name
</name>
<lacp-receive-state>
  lacp-receive-state
</lacp-receive-state>
<lacp-transmit-state>
  lacp-transmit-state
</lacp-transmit-state>
<lacp-mux-state>
  lacp-mux-state
</lacp-mux-state>
</lag-lacp-protocol>

```

Description LACP protocol information

<lag-lacp-protocol>

Usage

```

<lacp-interface-information-list>
<lacp-interface-information>
  <lag-lacp-protocol>
    <name>
      name

```

```
</name>
<lacp-receive-state>
  lacp-receive-state
</lacp-receive-state>
<lacp-transmit-state>
  lacp-transmit-state
</lacp-transmit-state>
<lacp-mux-state>
  lacp-mux-state
</lacp-mux-state>
</lag-lACP-protocol>
</lacp-interface-information>
</lacp-interface-information-list>
```

Description LACP protocol information

<lag-lACP-state>

Usage

```
<lag-lACP-state>
<name>
  name
</name>
<lacp-role>
  lacp-role
</lacp-role>
<lacp-expired>
  lacp-expired
</lacp-expired>
<lacp-defaulted>
  lacp-defaulted
</lacp-defaulted>
<lacp-distributing>
  lacp-distributing
</lacp-distributing>
<lacp-collecting>
  lacp-collecting
</lacp-collecting>
<lacp-synchronization>
  lacp-synchronization
</lacp-synchronization>
<lacp-aggregation>
  lacp-aggregation
</lacp-aggregation>
<lacp-timeout>
  lacp-timeout
</lacp-timeout>
<lacp-activity>
  lacp-activity
</lacp-activity>
</lag-lACP-state>
```

Description LACP protocol state information

<lag-lACP-state>

Usage

```

<lag-interface-information-list>
  <lag-interface-information>
    <lag-lACP-state>
      <name>
        name
      </name>
      <lag-role>
        lag-role
      </lag-role>
      <lag-expired>
        lag-expired
      </lag-expired>
      <lag-defaulted>
        lag-defaulted
      </lag-defaulted>
      <lag-distributing>
        lag-distributing
      </lag-distributing>
      <lag-collecting>
        lag-collecting
      </lag-collecting>
      <lag-synchronization>
        lag-synchronization
      </lag-synchronization>
      <lag-aggregation>
        lag-aggregation
      </lag-aggregation>
      <lag-timeout>
        lag-timeout
      </lag-timeout>
      <lag-activity>
        lag-activity
      </lag-activity>
    </lag-lACP-state>
  </lag-interface-information>
</lag-interface-information-list>

```

Description LACP protocol state information

<lag-lACP-statistics>

Usage

```

<lag-lACP-statistics>
  <name>
    name
  </name>
  <lag-rx-packets>
    lag-rx-packets
  </lag-rx-packets>
  <lag-tx-packets>
    lag-tx-packets

```

```
</lacp-tx-packets>
<unknown-rx-packets>
  unknown-rx-packets
</unknown-rx-packets>
<illegal-rx-packets>
  illegal-rx-packets
</illegal-rx-packets>
</lag-lacp-statistics>
```

Description

<lag-lacp-statistics>

Usage

```
<lacp-interface-statistics-list>
  <lacp-interface-statistics>
    <lag-lacp-statistics>
      <name>
        name
      </name>
      <lacp-rx-packets>
        lacp-rx-packets
      </lacp-rx-packets>
      <lacp-tx-packets>
        lacp-tx-packets
      </lacp-tx-packets>
      <unknown-rx-packets>
        unknown-rx-packets
      </unknown-rx-packets>
      <illegal-rx-packets>
        illegal-rx-packets
      </illegal-rx-packets>
    </lag-lacp-statistics>
  </lacp-interface-statistics>
</lacp-interface-statistics-list>
```

Description

<mc-ae-clink>

Usage

```
<mc-ae-clink>
  <local-ip>
    local-ip
  </local-ip>
  <remote-ip>
    remote-ip
  </remote-ip>
  <clink-type>
    clink-type
  </clink-type>
  <la-status>
    la-status
  </la-status>
```

```

<pa-status>
  pa-status
</pa-status>
<clink-state>
  clink-state
</clink-state>
<vc-id>
  vc-id
</vc-id>
</mc-ae-clink>

```

Description

<mc-ae-clink>

Usage

```

<mc-ae-status-information-list>
  <mc-ae-status-information>
    <mc-ae-clink>
      <local-ip>
        local-ip
      </local-ip>
      <remote-ip>
        remote-ip
      </remote-ip>
      <clink-type>
        clink-type
      </clink-type>
      <la-status>
        la-status
      </la-status>
      <pa-status>
        pa-status
      </pa-status>
      <clink-state>
        clink-state
      </clink-state>
      <vc-id>
        vc-id
      </vc-id>
    </mc-ae-clink>
  </mc-ae-status-information>
</mc-ae-status-information-list>

```

Description

<mc-ae-ifl-list>

Usage

```

<mc-ae-ifl-list>
  <logical-interface>
    logical-interface
  </logical-interface>
  <topology-type>

```

```
    topology-type
  </topology-type>
  <local-logical-interface-state>
    local-logical-interface-state
  </local-logical-interface-state>
  <peer-logical-interface-state>
    peer-logical-interface-state
  </peer-logical-interface-state>
  <mcp-state>
    mcp-state
  </mcp-state>
</mc-ae-ifl-list>
```

Description

<mc-ae-ifl-list>

Usage

```
<mc-ae-status-information-list>
  <mc-ae-status-information>
    <mc-ae-ifl-list>
      <logical-interface>
        logical-interface
      </logical-interface>
      <topology-type>
        topology-type
      </topology-type>
      <local-logical-interface-state>
        local-logical-interface-state
      </local-logical-interface-state>
      <peer-logical-interface-state>
        peer-logical-interface-state
      </peer-logical-interface-state>
      <mcp-state>
        mcp-state
      </mcp-state>
    </mc-ae-ifl-list>
  </mc-ae-status-information>
</mc-ae-status-information-list>
```

Description

<mc-ae-status>

Usage

```
<mc-ae-status>
  <member-link>
    member-link
  </member-link>
  <init-sm-state>
    init-sm-state
  </init-sm-state>
  <local-status>
    local-status
```

```

</local-status>
<local-state>
  local-state
</local-state>
<peer-status>
  peer-status
</peer-status>
<peer-state>
  peer-state
</peer-state>
</mc-ae-status>

```

Description

<mc-ae-status>

Usage

```

<mc-ae-status-information-list>
  <mc-ae-status-information>
    <mc-ae-status>
      <member-link>
        member-link
      </member-link>
      <init-sm-state>
        init-sm-state
      </init-sm-state>
      <local-status>
        local-status
      </local-status>
      <local-state>
        local-state
      </local-state>
      <peer-status>
        peer-status
      </peer-status>
      <peer-state>
        peer-state
      </peer-state>
    </mc-ae-status>
  </mc-ae-status-information>
</mc-ae-status-information-list>

```

Description

<mc-ae-status-information>

Usage

```

<mc-ae-status-information-list>
  <mc-ae-status-information>
    <mc-ae-status>....</mc-ae-status>
    <mc-ae-ifl-list>....</mc-ae-ifl-list>
    <mc-ae-stitching-peer>....</mc-ae-stitching-peer>
    <mc-ae-clink>....</mc-ae-clink>
  </mc-ae-status-information>

```

</mc-ae-status-information-list>

Description Information about an mc-ae

<mc-ae-status-information-list>

Usage

```
<mc-ae-status-information-list>
  <mc-ae-status-information>....</mc-ae-status-information>
</mc-ae-status-information-list>
```

Description Information about one or more mc-ae

<mc-ae-stitching-peer>

Usage

```
<mc-ae-stitching-peer>
  <stitching-peer>
    stitching-peer
  </stitching-peer>
</mc-ae-stitching-peer>
```

Description

<mc-ae-stitching-peer>

Usage

```
<mc-ae-status-information-list>
  <mc-ae-status-information>
    <mc-ae-stitching-peer>
      <stitching-peer>
        stitching-peer
      </stitching-peer>
    </mc-ae-stitching-peer>
  </mc-ae-status-information>
</mc-ae-status-information-list>
```

Description

Summary of Link Fault Management Response Tags

<lfmd-action-profile-information>

Usage

```
<lfmd-information>
  <lfmd-action-profile-information>
    <lfmd-action-profile-name>
      lfmd-action-profile-name
    </lfmd-action-profile-name>
    <lfmd-action-profile-invoke-count>
      lfmd-action-profile-invoke-count
    </lfmd-action-profile-invoke-count>
  </lfmd-action-profile-information>
</lfmd-information>
```

```

</lfmd-action-profile-invoke-count>
<lfmd-action-profile-execution-count>
  lfmd-action-profile-execution-count
</lfmd-action-profile-execution-count>
</lfmd-action-profile-information>
</lfmd-information>

```

Description Link-fault action profile information

<lfmd-discovery-flags>

Usage

```

<lfmd-information>
<lfmd-interface-information>
<lfmd-discovery-flags>
  <lfmd-flag-remote-stable>
    lfmd-flag-remote-stable
  </lfmd-flag-remote-stable>
  <lfmd-flag-remote-evaluating>
    lfmd-flag-remote-evaluating
  </lfmd-flag-remote-evaluating>
  <lfmd-flag-remote-state-valid>
    lfmd-flag-remote-state-valid
  </lfmd-flag-remote-state-valid>
  <lfmd-flag-local-satisfied>
    lfmd-flag-local-satisfied
  </lfmd-flag-local-satisfied>
  <lfmd-flag-local-stable>
    lfmd-flag-local-stable
  </lfmd-flag-local-stable>
  <lfmd-pdu-flags>
    lfmd-pdu-flags
  </lfmd-pdu-flags>
</lfmd-discovery-flags>
</lfmd-interface-information>
</lfmd-information>

```

Description

<lfmd-event-current-frame-error>

Usage

```

<lfmd-information>
<lfmd-interface-information>
<lfmd-events>
  <lfmd-events-current>
    <lfmd-event-current-frame-error>
      <lfmd-event-frame-error-window>
        lfmd-event-frame-error-window
      </lfmd-event-frame-error-window>
      <lfmd-event-frame-error-threshold>
        lfmd-event-frame-error-threshold
      </lfmd-event-frame-error-threshold>
    <lfmd-event-frame-error-count>

```

```
    lfmd-event-frame-error-count
  </lfmd-event-frame-error-count>
  <lfmd-event-frame-error-total-count>
    lfmd-event-frame-error-total-count
  </lfmd-event-frame-error-total-count>
  <lfmd-event-frame-count>
    lfmd-event-frame-count
  </lfmd-event-frame-count>
</lfmd-event-current-frame-error>
</lfmd-events-current>
</lfmd-events>
</lfmd-interface-information>
</lfmd-information>
```

Description Errored frame event current information

<lfmd-event-current-symbol-error>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-current>
        <lfmd-event-current-symbol-error>
          <lfmd-event-symbol-error-window>
            lfmd-event-symbol-error-window
          </lfmd-event-symbol-error-window>
          <lfmd-event-symbol-error-threshold>
            lfmd-event-symbol-error-threshold
          </lfmd-event-symbol-error-threshold>
          <lfmd-event-symbol-error-count>
            lfmd-event-symbol-error-count
          </lfmd-event-symbol-error-count>
          <lfmd-event-symbol-error-total-count>
            lfmd-event-symbol-error-total-count
          </lfmd-event-symbol-error-total-count>
          <lfmd-event-symbol-count>
            lfmd-event-symbol-count
          </lfmd-event-symbol-count>
        </lfmd-event-current-symbol-error>
      </lfmd-events-current>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>
```

Description Errored symbol period event current information

<lfmd-event-received-frame-error>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
```



```

<lfmd-events-received>
  <lfmd-event-received-frame-error>
    <lfmd-event-received-frame-error-window>
      lfmd-event-received-frame-error-window
    </lfmd-event-received-frame-error-window>
    <lfmd-event-received-frame-error-threshold>
      lfmd-event-received-frame-error-threshold
    </lfmd-event-received-frame-error-threshold>
    <lfmd-event-received-frame-error-count>
      lfmd-event-received-frame-error-count
    </lfmd-event-received-frame-error-count>
    <lfmd-event-received-frame-error-total-count>
      lfmd-event-received-frame-error-total-count
    </lfmd-event-received-frame-error-total-count>
    <lfmd-event-received-frame-count>
      lfmd-event-received-frame-count
    </lfmd-event-received-frame-count>
  </lfmd-event-received-frame-error>
</lfmd-events-received>
</lfmd-events>
</lfmd-interface-information>
</lfmd-information>

```

Description Errored frame event information

<lfmd-event-received-frame-period-error>

Usage

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-received>
        <lfmd-event-received-frame-period-error>
          <lfmd-event-received-frame-period-error-window>
            lfmd-event-received-frame-period-error-window
          </lfmd-event-received-frame-period-error-window>
          <lfmd-event-received-frame-period-error-threshold>
            lfmd-event-received-frame-period-error-threshold
          </lfmd-event-received-frame-period-error-threshold>
          <lfmd-event-received-frame-period-error-count>
            lfmd-event-received-frame-period-error-count
          </lfmd-event-received-frame-period-error-count>
          <lfmd-event-received-frame-period-error-total-count>
            lfmd-event-received-frame-period-error-total-count
          </lfmd-event-received-frame-period-error-total-count>
          <lfmd-event-received-frame-period-count>
            lfmd-event-received-frame-period-count
          </lfmd-event-received-frame-period-count>
        </lfmd-event-received-frame-period-error>
      </lfmd-events-received>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>

```

Description Errored frame period event information

<lfmd-event-received-frame-seconds-error>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-received>
        <lfmd-event-received-frame-seconds-error>
          <lfmd-event-received-frame-seconds-error-window>
            lfmd-event-received-frame-seconds-error-window
          </lfmd-event-received-frame-seconds-error-window>
          <lfmd-event-received-frame-seconds-error-threshold>
            lfmd-event-received-frame-seconds-error-threshold
          </lfmd-event-received-frame-seconds-error-threshold>
          <lfmd-event-received-frame-seconds-error-count>
            lfmd-event-received-frame-seconds-error-count
          </lfmd-event-received-frame-seconds-error-count>
          <lfmd-event-received-frame-seconds-error-total-count>
            lfmd-event-received-frame-seconds-error-total-count
          </lfmd-event-received-frame-seconds-error-total-count>
          <lfmd-event-received-frame-seconds-count>
            lfmd-event-received-frame-seconds-count
          </lfmd-event-received-frame-seconds-count>
        </lfmd-event-received-frame-seconds-error>
      </lfmd-events-received>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>
```

Description Errored frame seconds event information

<lfmd-event-received-symbol-error>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-received>
        <lfmd-event-received-symbol-error>
          <lfmd-event-received-symbol-error-window>
            lfmd-event-received-symbol-error-window
          </lfmd-event-received-symbol-error-window>
          <lfmd-event-received-symbol-error-threshold>
            lfmd-event-received-symbol-error-threshold
          </lfmd-event-received-symbol-error-threshold>
          <lfmd-event-received-symbol-error-count>
            lfmd-event-received-symbol-error-count
          </lfmd-event-received-symbol-error-count>
          <lfmd-event-received-symbol-error-total-count>
            lfmd-event-received-symbol-error-total-count
          </lfmd-event-received-symbol-error-total-count>
          <lfmd-event-received-symbol-count>

```

```

        lfmd-event-received-symbol-count
      </lfmd-event-received-symbol-count>
    </lfmd-event-received-symbol-error>
  </lfmd-events-received>
</lfmd-events>
</lfmd-interface-information>
</lfmd-information>

```

Description Errored symbol period event information

<lfmd-event-transmitted-frame-error>

Usage

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-transmitted>
        <lfmd-event-transmitted-frame-error>
          <lfmd-event-transmitted-frame-error-window>
            lfmd-event-transmitted-frame-error-window
          </lfmd-event-transmitted-frame-error-window>
          <lfmd-event-transmitted-frame-error-threshold>
            lfmd-event-transmitted-frame-error-threshold
          </lfmd-event-transmitted-frame-error-threshold>
          <lfmd-event-transmitted-frame-error-count>
            lfmd-event-transmitted-frame-error-count
          </lfmd-event-transmitted-frame-error-count>
          <lfmd-event-transmitted-frame-error-total-count>
            lfmd-event-transmitted-frame-error-total-count
          </lfmd-event-transmitted-frame-error-total-count>
          <lfmd-event-transmitted-frame-count>
            lfmd-event-transmitted-frame-count
          </lfmd-event-transmitted-frame-count>
        </lfmd-event-transmitted-frame-error>
      </lfmd-events-transmitted>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>

```

Description Errored frame event information

<lfmd-event-transmitted-symbol-error>

Usage

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-transmitted>
        <lfmd-event-transmitted-symbol-error>
          <lfmd-event-transmitted-symbol-error-window>
            lfmd-event-transmitted-symbol-error-window
          </lfmd-event-transmitted-symbol-error-window>
          <lfmd-event-transmitted-symbol-error-threshold>

```

```
    lfmd-event-transmitted-symbol-error-threshold
  </lfmd-event-transmitted-symbol-error-threshold>
  <lfmd-event-transmitted-symbol-error-count>
    lfmd-event-transmitted-symbol-error-count
  </lfmd-event-transmitted-symbol-error-count>
  <lfmd-event-transmitted-symbol-error-total-count>
    lfmd-event-transmitted-symbol-error-total-count
  </lfmd-event-transmitted-symbol-error-total-count>
  <lfmd-event-transmitted-symbol-count>
    lfmd-event-transmitted-symbol-count
  </lfmd-event-transmitted-symbol-count>
</lfmd-event-transmitted-symbol-error>
</lfmd-events-transmitted>
</lfmd-events>
</lfmd-interface-information>
</lfmd-information>
```

Description Errored symbol period event information

<lfmd-events>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-received>....</lfmd-events-received>
      <lfmd-events-transmitted>....</lfmd-events-transmitted>
      <lfmd-events-current>....</lfmd-events-current>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>
```

Description Event information

<lfmd-events-current>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-current>
        <lfmd-event-current-symbol-error>....</lfmd-event-current-symbol-error>
        <lfmd-event-current-frame-error>....</lfmd-event-current-frame-error>
      </lfmd-events-current>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>
```

Description Current link events

<lfmd-events-received>**Usage**

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-received>
        <lfmd-event-received-symbol-error>....</lfmd-event-received-symbol-error>

        <lfmd-event-received-frame-error>....</lfmd-event-received-frame-error>

        <lfmd-event-received-frame-period-error>....</lfmd-event-received-frame-period-error>

        <lfmd-event-received-frame-seconds-error>....</lfmd-event-received-frame-seconds-error>

      </lfmd-events-received>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>

```

Description Received link events

<lfmd-events-transmitted>**Usage**

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-events>
      <lfmd-events-transmitted>

        <lfmd-event-transmitted-symbol-error>....</lfmd-event-transmitted-symbol-error>

        <lfmd-event-transmitted-frame-error>....</lfmd-event-transmitted-frame-error>
      </lfmd-events-transmitted>
    </lfmd-events>
  </lfmd-interface-information>
</lfmd-information>

```

Description Transmitted link events

<lfmd-information>**Usage**

```

<lfmd-information>
  <lfmd-interface-information>....</lfmd-interface-information>
  <lfmd-action-profile-information>....</lfmd-action-profile-information>
</lfmd-information>

```

Description Information about the Link-Fault Management protocol

<lfmd-interface-information>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-interface-name>
      lfmd-interface-name
    </lfmd-interface-name>
    <lfmd-status>
      lfmd-status
    </lfmd-status>
    <lfmd-discovery-state>
      lfmd-discovery-state
    </lfmd-discovery-state>
    <lfmd-discovery-flags>....</lfmd-discovery-flags>
    <lfmd-peer-address>
      lfmd-peer-address
    </lfmd-peer-address>
    <lfmd-peer-mux-action>
      lfmd-peer-mux-action
    </lfmd-peer-mux-action>
    <lfmd-peer-parser-action>
      lfmd-peer-parser-action
    </lfmd-peer-parser-action>
    <lfmd-peer-config-mode>
      lfmd-peer-config-mode
    </lfmd-peer-config-mode>
    <lfmd-peer-config-unidirectional>
      lfmd-peer-config-unidirectional
    </lfmd-peer-config-unidirectional>
    <lfmd-peer-config-loopback>
      lfmd-peer-config-loopback
    </lfmd-peer-config-loopback>
    <lfmd-peer-config-link-events>
      lfmd-peer-config-link-events
    </lfmd-peer-config-link-events>
    <lfmd-peer-config-variable-request>
      lfmd-peer-config-variable-request
    </lfmd-peer-config-variable-request>
    <lfmd-loopback-local-enabled>
      lfmd-loopback-local-enabled
    </lfmd-loopback-local-enabled>
    <lfmd-loopback-remote-enabled>
      lfmd-loopback-remote-enabled
    </lfmd-loopback-remote-enabled>
    <lfmd-statistics>....</lfmd-statistics>
    <lfmd-events>....</lfmd-events>
  </lfmd-interface-information>
</lfmd-information>
```

Description Link-fault management information for one or more interfaces

<lfmd-statistics>

Usage

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-statistics>
      <lfmd-statistics-received>....</lfmd-statistics-received>
      <lfmd-statistics-transmitted>....</lfmd-statistics-transmitted>
    </lfmd-statistics>
  </lfmd-interface-information>
</lfmd-information>

```

Description Interface statistics

<lfmd-statistics-received>

Usage

```

<lfmd-information>
  <lfmd-interface-information>
    <lfmd-statistics>
      <lfmd-statistics-received>
        <lfmd-information-pdus-received>
          lfmd-information-pdus-received
        </lfmd-information-pdus-received>
        <lfmd-event-pdus-received>
          lfmd-event-pdus-received
        </lfmd-event-pdus-received>
        <lfmd-variable-request-pdus-received>
          lfmd-variable-request-pdus-received
        </lfmd-variable-request-pdus-received>
        <lfmd-variable-response-pdus-received>
          lfmd-variable-response-pdus-received
        </lfmd-variable-response-pdus-received>
        <lfmd-loopback-control-pdus-received>
          lfmd-loopback-control-pdus-received
        </lfmd-loopback-control-pdus-received>
        <lfmd-organization-pdus-received>
          lfmd-organization-pdus-received
        </lfmd-organization-pdus-received>
        <lfmd-unknown-pdus-received>
          lfmd-unknown-pdus-received
        </lfmd-unknown-pdus-received>
        <lfmd-critical-event-received>
          lfmd-critical-event-received
        </lfmd-critical-event-received>
        <lfmd-dying-gasp-received>
          lfmd-dying-gasp-received
        </lfmd-dying-gasp-received>
        <lfmd-link-fault-received>
          lfmd-link-fault-received
        </lfmd-link-fault-received>
      </lfmd-statistics-received>
    </lfmd-statistics>
  </lfmd-interface-information>

```

</lfmd-information>

Description OAM receive statistics

<lfmd-statistics-transmitted>

Usage

```
<lfmd-information>
  <lfmd-interface-information>
    <lfmd-statistics>
      <lfmd-statistics-transmitted>
        <lfmd-information-pdus-transmitted>
          lfmd-information-pdus-transmitted
        </lfmd-information-pdus-transmitted>
        <lfmd-event-pdus-transmitted>
          lfmd-event-pdus-transmitted
        </lfmd-event-pdus-transmitted>
        <lfmd-variable-request-pdus-transmitted>
          lfmd-variable-request-pdus-transmitted
        </lfmd-variable-request-pdus-transmitted>
        <lfmd-variable-response-pdus-transmitted>
          lfmd-variable-response-pdus-transmitted
        </lfmd-variable-response-pdus-transmitted>
        <lfmd-loopback-control-pdus-transmitted>
          lfmd-loopback-control-pdus-transmitted
        </lfmd-loopback-control-pdus-transmitted>
        <lfmd-organization-pdus-transmitted>
          lfmd-organization-pdus-transmitted
        </lfmd-organization-pdus-transmitted>
        <lfmd-unknown-pdus-transmitted>
          lfmd-unknown-pdus-transmitted
        </lfmd-unknown-pdus-transmitted>
      </lfmd-statistics-transmitted>
    </lfmd-statistics>
  </lfmd-interface-information>
</lfmd-information>
```

Description OAM transmit statistics

Summary of License Response Tags ---

<add-individual-result>

Usage

```
<add-license-results>
  <add-individual-result>
    <operation-status>
      operation-status
    </operation-status>
    <filename>
      filename
    </filename>
```



```
<line-number>
  line-number
</line-number>
<name>
  name
</name>
<message>
  message
</message>
</add-individual-result>
</add-license-results>
```

Description Report status of individual license add operation

<add-license-results>

Usage

```
<add-license-results>
  <add-individual-result>....</add-individual-result>
  <add-error-count>
    add-error-count
  </add-error-count>
  <add-success>
    add-success
  </add-success>
</add-license-results>
```

Description Results of license add operation

<feature>

Usage

```
<feature-block>
  <feature>
    <name>
      name
    </name>
    <description>
      description
    </description>
    <validity-information>....</validity-information>
  </feature>
</feature-block>
```

Description A single feature instance

<feature>

Usage

```
<license>
  <feature-block>
```

```
<feature>
  <name>
    name
  </name>
  <description>
    description
  </description>
  <validity-information>....</validity-information>
</feature>
</feature-block>
</license>
```

Description A single feature instance

<feature>

Usage

```
<license-information>
  <license>
    <feature-block>
      <feature>
        <name>
          name
        </name>
        <description>
          description
        </description>
        <validity-information>....</validity-information>
      </feature>
    </feature-block>
  </license>
</license-information>
```

Description A single feature instance

<feature>

Usage

```
<license-summary-information>
  <license-information>
    <license>
      <feature-block>
        <feature>
          <name>
            name
          </name>
          <description>
            description
          </description>
          <validity-information>....</validity-information>
        </feature>
      </feature-block>
    </license>
```

```

</license-information>
</license-summary-information>

```

Description A single feature instance

<feature-block>

Usage

```

<feature-block>
  <feature>....</feature>
</feature-block>

```

Description

<feature-block>

Usage

```

<license>
  <feature-block>
    <feature>....</feature>
  </feature-block>
</license>

```

Description

<feature-block>

Usage

```

<license-information>
  <license>
    <feature-block>
      <feature>....</feature>
    </feature-block>
  </license>
</license-information>

```

Description

<feature-block>

Usage

```

<license-summary-information>
  <license-information>
    <license>
      <feature-block>
        <feature>....</feature>
      </feature-block>
    </license>
  </license-information>
</license-summary-information>

```

Description

<feature-summary>

Usage

```
<feature-summary>
  <name>
    name
  </name>
  <description>
    description
  </description>
  <licensed>
    licensed
  </licensed>
  <used-licensed>
    used-licensed
  </used-licensed>
  <used-given>
    used-given
  </used-given>
  <needed>
    needed
  </needed>
  <validity-type>
    validity-type
  </validity-type>
  <remaining-time>....</remaining-time>
  <end-date>
    end-date
  </end-date>
</feature-summary>
```

Description

<feature-summary>

Usage

```
<license-usage-summary>
  <feature-summary>
    <name>
      name
    </name>
    <description>
      description
    </description>
    <licensed>
      licensed
    </licensed>
    <used-licensed>
      used-licensed
    </used-licensed>
    <used-given>
      used-given
    </used-given>
```

```

<needed>
  needed
</needed>
<validity-type>
  validity-type
</validity-type>
<remaining-time>....</remaining-time>
<end-date>
  end-date
</end-date>
</feature-summary>
</license-usage-summary>

```

Description

<feature-summary>

Usage

```

<license-summary-information>
  <license-usage-summary>
    <feature-summary>
      <name>
        name
      </name>
      <description>
        description
      </description>
      <licensed>
        licensed
      </licensed>
      <used-licensed>
        used-licensed
      </used-licensed>
      <used-given>
        used-given
      </used-given>
      <needed>
        needed
      </needed>
      <validity-type>
        validity-type
      </validity-type>
      <remaining-time>....</remaining-time>
      <end-date>
        end-date
      </end-date>
    </feature-summary>
  </license-usage-summary>
</license-summary-information>

```

Description

<license>

Usage

```
<license>
  <name>
    name
  </name>
  <license-state>
    license-state
  </license-state>
  <license-version>
    license-version
  </license-version>
  <license-type>
    license-type
  </license-type>
  <device-reference>
    device-reference
  </device-reference>
  <group-reference>
    group-reference
  </group-reference>
  <group-define>
    group-define
  </group-define>
  <unsupported-attribute>
    unsupported-attribute
  </unsupported-attribute>
  <feature-block>....</feature-block>
</license>
```

Description

<license>

Usage

```
<license-information>
  <license>
    <name>
      name
    </name>
    <license-state>
      license-state
    </license-state>
    <license-version>
      license-version
    </license-version>
    <license-type>
      license-type
    </license-type>
    <device-reference>
      device-reference
    </device-reference>
    <group-reference>
      group-reference
    </group-reference>
  </license>
</license-information>
```

```

</group-reference>
<group-define>
  group-define
</group-define>
<unsupported-attribute>
  unsupported-attribute
</unsupported-attribute>
<feature-block>....</feature-block>
</license>
</license-information>

```

Description

<license>

Usage

```

<license-summary-information>
<license-information>
  <license>
    <name>
      name
    </name>
    <license-state>
      license-state
    </license-state>
    <license-version>
      license-version
    </license-version>
    <license-type>
      license-type
    </license-type>
    <device-reference>
      device-reference
    </device-reference>
    <group-reference>
      group-reference
    </group-reference>
    <group-define>
      group-define
    </group-define>
    <unsupported-attribute>
      unsupported-attribute
    </unsupported-attribute>
    <feature-block>....</feature-block>
  </license>
</license-information>
</license-summary-information>

```

Description

<license-information>

Usage

```

<license-information>

```

```
<no-licenses-installed>
  no-licenses-installed
</no-licenses-installed>
<licenses-installed>
  licenses-installed
</licenses-installed>
<license>....</license>
</license-information>
```

Description Information about feature licenses installed on device

<license-information>

Usage

```
<license-summary-information>
  <license-information>
    <no-licenses-installed>
      no-licenses-installed
    </no-licenses-installed>
    <licenses-installed>
      licenses-installed
    </licenses-installed>
    <license>....</license>
  </license-information>
</license-summary-information>
```

Description Information about feature licenses installed on device

<license-key>

Usage

```
<license-key>
  <name>
    name
  </name>
  <key-data>
    key-data
  </key-data>
</license-key>
```

Description

<license-key>

Usage

```
<license-key-information>
  <license-key>
    <name>
      name
    </name>
    <key-data>
      key-data
    </key-data>
  </license-key>
```



```

    </key-data>
  </license-key>
</license-key-information>

```

Description

<license-key-information>

Usage

```

<license-key-information>
  <license-key>....</license-key>
</license-key-information>

```

Description Textual license keys

<license-summary-information>

Usage

```

<license-summary-information>
  <license-usage-summary>....</license-usage-summary>
  <license-information>....</license-information>
</license-summary-information>

```

Description Feature license information

<license-usage-summary>

Usage

```

<license-usage-summary>
  <features-used>
    features-used
  </features-used>
  <no-feature-used>
    no-feature-used
  </no-feature-used>
  <feature-summary>....</feature-summary>
</license-usage-summary>

```

Description Information about features licensed on this device

<license-usage-summary>

Usage

```

<license-summary-information>
  <license-usage-summary>
    <features-used>
      features-used
    </features-used>
    <no-feature-used>
      no-feature-used
    </no-feature-used>
  </license-usage-summary>

```

```
<feature-summary>....</feature-summary>
</license-usage-summary>
</license-summary-information>
```

Description Information about features licensed on this device

<original-validity>

Usage

```
<original-validity>
  <original-validity-value>
    original-validity-value
  </original-validity-value>
  <original-validity-time-unit>
    original-validity-time-unit
  </original-validity-time-unit>
</original-validity>
```

Description

<original-validity>

Usage

```
<validity-information>
  <original-validity>
    <original-validity-value>
      original-validity-value
    </original-validity-value>
    <original-validity-time-unit>
      original-validity-time-unit
    </original-validity-time-unit>
  </original-validity>
</validity-information>
```

Description

<original-validity>

Usage

```
<feature-block>
  <feature>
    <validity-information>
      <original-validity>
        <original-validity-value>
          original-validity-value
        </original-validity-value>
        <original-validity-time-unit>
          original-validity-time-unit
        </original-validity-time-unit>
      </original-validity>
    </validity-information>
  </feature>
```

</feature-block>

Description

<original-validity>

Usage

```
<license>
  <feature-block>
    <feature>
      <validity-information>
        <original-validity>
          <original-validity-value>
            original-validity-value
          </original-validity-value>
          <original-validity-time-unit>
            original-validity-time-unit
          </original-validity-time-unit>
        </original-validity>
      </validity-information>
    </feature>
  </feature-block>
</license>
```

Description

<original-validity>

Usage

```
<license-information>
  <license>
    <feature-block>
      <feature>
        <validity-information>
          <original-validity>
            <original-validity-value>
              original-validity-value
            </original-validity-value>
            <original-validity-time-unit>
              original-validity-time-unit
            </original-validity-time-unit>
          </original-validity>
        </validity-information>
      </feature>
    </feature-block>
  </license>
</license-information>
```

Description

<original-validity>

Usage

```
<license-summary-information>
```

```
<license-information>
  <license>
    <feature-block>
      <feature>
        <validity-information>
          <original-validity>
            <original-validity-value>
              original-validity-value
            </original-validity-value>
            <original-validity-time-unit>
              original-validity-time-unit
            </original-validity-time-unit>
          </original-validity>
        </validity-information>
      </feature>
    </feature-block>
  </license>
</license-information>
</license-summary-information>
```

Description

<remaining-time>

Usage

```
<remaining-time>
  <remaining-validity-value>
    remaining-validity-value
  </remaining-validity-value>
  <remaining-validity-time-unit>
    remaining-validity-time-unit
  </remaining-validity-time-unit>
</remaining-time>
```

Description

<remaining-time>

Usage

```
<validity-information>
  <remaining-time>
    <remaining-validity-value>
      remaining-validity-value
    </remaining-validity-value>
    <remaining-validity-time-unit>
      remaining-validity-time-unit
    </remaining-validity-time-unit>
  </remaining-time>
</validity-information>
```

Description

<remaining-time>**Usage**

```

<feature-block>
  <feature>
    <validity-information>
      <remaining-time>
        <remaining-validity-value>
          remaining-validity-value
        </remaining-validity-value>
        <remaining-validity-time-unit>
          remaining-validity-time-unit
        </remaining-validity-time-unit>
      </remaining-time>
    </validity-information>
  </feature>
</feature-block>

```

Description**<remaining-time>****Usage**

```

<license>
  <feature-block>
    <feature>
      <validity-information>
        <remaining-time>
          <remaining-validity-value>
            remaining-validity-value
          </remaining-validity-value>
          <remaining-validity-time-unit>
            remaining-validity-time-unit
          </remaining-validity-time-unit>
        </remaining-time>
      </validity-information>
    </feature>
  </feature-block>
</license>

```

Description**<remaining-time>****Usage**

```

<license-information>
  <license>
    <feature-block>
      <feature>
        <validity-information>
          <remaining-time>
            <remaining-validity-value>
              remaining-validity-value
            </remaining-validity-value>

```

```
<remaining-validity-time-unit>
  remaining-validity-time-unit
</remaining-validity-time-unit>
</remaining-time>
</validity-information>
</feature>
</feature-block>
</license>
</license-information>
```

Description

<remaining-time>

Usage

```
<feature-summary>
  <remaining-time>
    <remaining-validity-value>
      remaining-validity-value
    </remaining-validity-value>
    <remaining-validity-time-unit>
      remaining-validity-time-unit
    </remaining-validity-time-unit>
  </remaining-time>
</feature-summary>
```

Description

<remaining-time>

Usage

```
<license-usage-summary>
  <feature-summary>
    <remaining-time>
      <remaining-validity-value>
        remaining-validity-value
      </remaining-validity-value>
      <remaining-validity-time-unit>
        remaining-validity-time-unit
      </remaining-validity-time-unit>
    </remaining-time>
  </feature-summary>
</license-usage-summary>
```

Description

<remaining-time>

Usage

```
<license-summary-information>
  <license-usage-summary>
    <feature-summary>
      <remaining-time>
        <remaining-validity-value>
```

```

        remaining-validity-value
      </remaining-validity-value>
      <remaining-validity-time-unit>
        remaining-validity-time-unit
      </remaining-validity-time-unit>
    </remaining-time>
  </feature-summary>
</license-usage-summary>
</license-summary-information>

```

Description

<remaining-time>

Usage

```

<license-summary-information>
  <license-information>
    <license>
      <feature-block>
        <feature>
          <validity-information>
            <remaining-time>
              <remaining-validity-value>
                remaining-validity-value
              </remaining-validity-value>
              <remaining-validity-time-unit>
                remaining-validity-time-unit
              </remaining-validity-time-unit>
            </remaining-time>
          </validity-information>
        </feature>
      </feature-block>
    </license>
  </license-information>
</license-summary-information>

```

Description

<validity-information>

Usage

```

<validity-information>
  <validity-type>
    validity-type
  </validity-type>
  <original-validity>....</original-validity>
  <remaining-time>....</remaining-time>
  <start-date>
    start-date
  </start-date>
  <end-date>
    end-date
  </end-date>
  <license-state>

```

```
    license-state
  </license-state>
</validity-information>
```

Description

<validity-information>

Usage

```
<feature-block>
  <feature>
    <validity-information>
      <validity-type>
        validity-type
      </validity-type>
      <original-validity>....</original-validity>
      <remaining-time>....</remaining-time>
      <start-date>
        start-date
      </start-date>
      <end-date>
        end-date
      </end-date>
      <license-state>
        license-state
      </license-state>
    </validity-information>
  </feature>
</feature-block>
```

Description

<validity-information>

Usage

```
<license>
  <feature-block>
    <feature>
      <validity-information>
        <validity-type>
          validity-type
        </validity-type>
        <original-validity>....</original-validity>
        <remaining-time>....</remaining-time>
        <start-date>
          start-date
        </start-date>
        <end-date>
          end-date
        </end-date>
        <license-state>
          license-state
        </license-state>
      </validity-information>
    </feature>
  </feature-block>
</license>
```



```

    </feature>
  </feature-block>
</license>

```

Description

<validity-information>

Usage

```

<license-information>
  <license>
    <feature-block>
      <feature>
        <validity-information>
          <validity-type>
            validity-type
          </validity-type>
          <original-validity>....</original-validity>
          <remaining-time>....</remaining-time>
          <start-date>
            start-date
          </start-date>
          <end-date>
            end-date
          </end-date>
          <license-state>
            license-state
          </license-state>
        </validity-information>
      </feature>
    </feature-block>
  </license>
</license-information>

```

Description

<validity-information>

Usage

```

<license-summary-information>
  <license-information>
    <license>
      <feature-block>
        <feature>
          <validity-information>
            <validity-type>
              validity-type
            </validity-type>
            <original-validity>....</original-validity>
            <remaining-time>....</remaining-time>
            <start-date>
              start-date
            </start-date>
            <end-date>

```

```
        end-date
      </end-date>
    <license-state>
      license-state
    </license-state>
  </validity-information>
</feature>
</feature-block>
</license>
</license-information>
</license-summary-information>
```

Description

Summary of Licensed Feature Metadata Response Tags ---

<alias>

Usage

```
<licensed-feature>
  <alias>
    <base-feature>
      base-feature
    </base-feature>
    <cumulative-value>
      cumulative-value
    </cumulative-value>
  </alias>
</licensed-feature>
```

Description

<alias>

Usage

```
<licensed-feature-metadata-information>
  <licensed-feature>
    <alias>
      <base-feature>
        base-feature
      </base-feature>
      <cumulative-value>
        cumulative-value
      </cumulative-value>
    </alias>
  </licensed-feature>
</licensed-feature-metadata-information>
```

Description

<licensed-feature>**Usage**

```

<licensed-feature>
  <id>
    id
  </id>
  <name>
    name
  </name>
  <description>
    description
  </description>
  <flag>
    flag
  </flag>
  <alias>....</alias>
</licensed-feature>

```

Description Information on a licensed feature

<licensed-feature>**Usage**

```

<licensed-feature-metadata-information>
  <licensed-feature>
    <id>
      id
    </id>
    <name>
      name
    </name>
    <description>
      description
    </description>
    <flag>
      flag
    </flag>
    <alias>....</alias>
  </licensed-feature>
</licensed-feature-metadata-information>

```

Description Information on a licensed feature

<licensed-feature-metadata-information>**Usage**

```

<licensed-feature-metadata-information>
  <licensed-feature>....</licensed-feature>
</licensed-feature-metadata-information>

```

Description Information on one or more licensed features

Summary of MIP Response Tags

<addr-pool>

Usage

```
<addr-pool>
  <start-addr>
    start-addr
  </start-addr>
  <end-addr>
    end-addr
  </end-addr>
</addr-pool>
```

Description Mobile IP ha address pool

<addr-pool>

Usage

```
<mip-home-agent-virtual-network-information>
  <mip-home-agent-virtual-network>
    <addr-pool>
      <start-addr>
        start-addr
      </start-addr>
      <end-addr>
        end-addr
      </end-addr>
    </addr-pool>
  </mip-home-agent-virtual-network>
</mip-home-agent-virtual-network-information>
```

Description Mobile IP ha address pool

<addr-pool>

Usage

```
<mip-home-agent-interface-network-information>
  <mip-home-agent-interface-network>
    <addr-pool>
      <start-addr>
        start-addr
      </start-addr>
      <end-addr>
        end-addr
      </end-addr>
    </addr-pool>
  </mip-home-agent-interface-network>
</mip-home-agent-interface-network-information>
```

Description Mobile IP ha address pool

<address-list>

Usage

```
<mip-home-agent-overview-information>
  <mip-home-agent-overview>
    <address-list>
      <address>
        address
      </address>
    </address-list>
  </mip-home-agent-overview>
</mip-home-agent-overview-information>
```

Description Mobile IP HA address list

<mip-binding>

Usage

```
<mip-binding-information>
  <mip-binding>
    <mip-home-address>
      mip-home-address
    </mip-home-address>
    <mip-nai>
      mip-nai
    </mip-nai>
    <mip-home-agent>
      mip-home-agent
    </mip-home-agent>
    <mip-care-of-address>
      mip-care-of-address
    </mip-care-of-address>
    <lifetime-granted>
      lifetime-granted
    </lifetime-granted>
    <lifetime-remaining>
      lifetime-remaining
    </lifetime-remaining>
    <tunnel-type>
      tunnel-type
    </tunnel-type>
    <tunnel-id>
      tunnel-id
    </tunnel-id>
    <tunnel-source>
      tunnel-source
    </tunnel-source>
    <tunnel-destination>
      tunnel-destination
    </tunnel-destination>
    <identification>
      identification
```

```
</identification>
<revocation-support>
  revocation-support
</revocation-support>
<revocation-inform>
  revocation-inform
</revocation-inform>
<count>
  count
</count>
<state>
  state
</state>
<session-id>
  session-id
</session-id>
</mip-binding>
</mip-binding-information>
```

Description**<mip-binding-information>****Usage**

```
<mip-binding-information>
  <mip-binding>....</mip-binding>
</mip-binding-information>
```

Description Mobile IP Binding information

<mip-error>**Usage**

```
<mip-error>
  <mip-error-message>
    mip-error-message
  </mip-error-message>
</mip-error>
```

Description**<mip-fa>****Usage**

```
<mip-fa-information>
  <mip-fa>
    <mip-fa-status>
      mip-fa-status
    </mip-fa-status>
    <mip-fa-max-pending-request>
      mip-fa-max-pending-request
    </mip-fa-max-pending-request>
    <mip-fa-request-timeout>
```

```

    mip-fa-request-timeout
  </mip-fa-request-timeout>
  <mip-fa-registration-required>
    mip-fa-registration-required
  </mip-fa-registration-required>
  <mip-fa-registration-lifetime>
    mip-fa-registration-lifetime
  </mip-fa-registration-lifetime>
  <mip-fa-coa>
    mip-fa-coa
  </mip-fa-coa>
  <mip-fa-serice-enabled>
    mip-fa-serice-enabled
  </mip-fa-serice-enabled>
  <mip-fa-reverse-tunnel>
    mip-fa-reverse-tunnel
  </mip-fa-reverse-tunnel>
</mip-fa>
</mip-fa-information>

```

Description Mobile IP foreign agent information

<mip-fa-information>

Usage

```

<mip-fa-information>
  <mip-fa>....</mip-fa>
</mip-fa-information>

```

Description Mobile IP foreign agent information

<mip-home-agent-interface-network>

Usage

```

<mip-home-agent-interface-network-information>
  <mip-home-agent-interface-network>
    <interface>
      interface
    </interface>
    <mip-home-agent>
      mip-home-agent
    </mip-home-agent>
    <registration-lifetime>
      registration-lifetime
    </registration-lifetime>
    <time-tolerance>
      time-tolerance
    </time-tolerance>
    <addr-pool>....</addr-pool>
    <number-of-mn>
      number-of-mn
    </number-of-mn>
    <mip-home-address>

```

```
    mip-home-address
  </mip-home-address>
  <range>
    range
  </range>
  <mip-nai>
    mip-nai
  </mip-nai>
  <mip-care-of-address>
    mip-care-of-address
  </mip-care-of-address>
  <lifetime-granted>
    lifetime-granted
  </lifetime-granted>
  <lifetime-remaining>
    lifetime-remaining
  </lifetime-remaining>
</mip-home-agent-interface-network>
</mip-home-agent-interface-network-information>
```

Description Mobile IP interface-network information

<mip-home-agent-interface-network-information>

Usage

```
<mip-home-agent-interface-network-information>
  <mip-home-agent-interface-network>....</mip-home-agent-interface-network>

</mip-home-agent-interface-network-information>
```

Description Mobile IP home-agent interface-network information

<mip-home-agent-overview>

Usage

```
<mip-home-agent-overview-information>
  <mip-home-agent-overview>
    <status>
      status
    </status>
    <service-enabled-on>....</service-enabled-on>
    <address-list>....</address-list>
    <authentication>
      authentication
    </authentication>
  </mip-home-agent-overview>
</mip-home-agent-overview-information>
```

Description

<mip-home-agent-overview-information>

Usage

```

<mip-home-agent-overview-information>
  <mip-home-agent-overview>....</mip-home-agent-overview>
</mip-home-agent-overview-information>

```

Description Mobile IP home-agent overview

<mip-home-agent-traffic>

Usage

```

<mip-home-agent-traffic-information>
  <mip-home-agent-traffic>
    <request-received>
      request-received
    </request-received>
    <request-forwarded>
      request-forwarded
    </request-forwarded>
    <request-denied>
      request-denied
    </request-denied>
    <replies-forwarded>
      replies-forwarded
    </replies-forwarded>
    <unspecified>
      unspecified
    </unspecified>
    <administrative-prohibited>
      administrative-prohibited
    </administrative-prohibited>
    <no-resource>
      no-resource
    </no-resource>
    <bad-request>
      bad-request
    </bad-request>
    <too-many-bindings>
      too-many-bindings
    </too-many-bindings>
    <unknown-ha>
      unknown-ha
    </unknown-ha>
    <id-mismatch>
      id-mismatch
    </id-mismatch>
    <unavailable-reverse-tunnel>
      unavailable-reverse-tunnel
    </unavailable-reverse-tunnel>
    <unavailable-encapsulation>
      unavailable-encapsulation
    </unavailable-encapsulation>
    <failed-mn>

```

```
    failed-mn
  </failed-mn>
  <failed-fa>
    failed-fa
  </failed-fa>
</mip-home-agent-traffic>
</mip-home-agent-traffic-information>
```

Description Mobile IP violation information in specific

<mip-home-agent-traffic-information>

Usage

```
<mip-home-agent-traffic-information>
  <mip-home-agent-traffic>....</mip-home-agent-traffic>
</mip-home-agent-traffic-information>
```

Description Mobile IP HA traffic information

<mip-home-agent-virtual-network>

Usage

```
<mip-home-agent-virtual-network-information>
  <mip-home-agent-virtual-network>
    <mip-home-agent>
      mip-home-agent
    </mip-home-agent>
    <registration-lifetime>
      registration-lifetime
    </registration-lifetime>
    <time-tolerance>
      time-tolerance
    </time-tolerance>
    <addr-pool>....</addr-pool>
    <number-of-mn>
      number-of-mn
    </number-of-mn>
    <mip-home-address>
      mip-home-address
    </mip-home-address>
    <mip-nai>
      mip-nai
    </mip-nai>
    <mip-care-of-address>
      mip-care-of-address
    </mip-care-of-address>
    <lifetime-granted>
      lifetime-granted
    </lifetime-granted>
    <lifetime-remaining>
      lifetime-remaining
    </lifetime-remaining>
  </mip-home-agent-virtual-network>
```

</mip-home-agent-virtual-network-information>

Description Mobile IP virtual-network information

<mip-home-agent-virtual-network-information>

Usage

```
<mip-home-agent-virtual-network-information>
  <mip-home-agent-virtual-network>....</mip-home-agent-virtual-network>
</mip-home-agent-virtual-network-information>
```

Description Mobile IP home-agent virtual-network information

<mip-memory>

Usage

```
<mip-memory-information>
  <mip-memory>
    <mip-memory-size>
      mip-memory-size
    </mip-memory-size>
    <mip-memory-file-name>
      mip-memory-file-name
    </mip-memory-file-name>
    <mip-memory-line-number>
      mip-memory-line-number
    </mip-memory-line-number>
    <mip-memory-allocated-memory>
      mip-memory-allocated-memory
    </mip-memory-allocated-memory>
  </mip-memory>
</mip-memory-information>
```

Description Mobile IP memory information in specific

<mip-memory-information>

Usage

```
<mip-memory-information>
  <mip-memory>....</mip-memory>
</mip-memory-information>
```

Description Mobile IP memory information

<mip-statistics-information>

Usage

```
<mip-statistics-information>
  <registration-request-received>
    registration-request-received
```

```
</registration-request-received>
<registration-request-accepted>
  registration-request-accepted
</registration-request-accepted>
<registration-request-rejected>
  registration-request-rejected
</registration-request-rejected>
</mip-statistics-information>
```

Description Statistics from Mobile IP

<mip-traffic>

Usage

```
<mip-traffic-information>
<mip-traffic>
  <request-received>
    request-received
  </request-received>
  <request-forwarded>
    request-forwarded
  </request-forwarded>
  <request-denied>
    request-denied
  </request-denied>
  <replies-received>
    replies-received
  </replies-received>
  <replies-forwarded>
    replies-forwarded
  </replies-forwarded>
  <replies-denied>
    replies-denied
  </replies-denied>
  <unspecified>
    unspecified
  </unspecified>
  <ha-unreachable>
    ha-unreachable
  </ha-unreachable>
  <administrative-prohibited>
    administrative-prohibited
  </administrative-prohibited>
  <no-resource>
    no-resource
  </no-resource>
  <bad-lifetime>
    bad-lifetime
  </bad-lifetime>
  <bad-request>
    bad-request
  </bad-request>
  <unavailable-encapsulation>
    unavailable-encapsulation
```

```

</unavailable-encapsulation>
<unavailable-reverse-tunnel>
  unavailable-reverse-tunnel
</unavailable-reverse-tunnel>
<failed-mn>
  failed-mn
</failed-mn>
<failed-ha>
  failed-ha
</failed-ha>
<unknown-challenge>
  unknown-challenge
</unknown-challenge>
<missing-challenge>
  missing-challenge
</missing-challenge>
<stale-challenge>
  stale-challenge
</stale-challenge>
</mip-traffic>
</mip-traffic-information>

```

Description Mobile IP violation information in specific

<mip-traffic-information>

Usage

```

<mip-traffic-information>
  <mip-traffic>....</mip-traffic>
</mip-traffic-information>

```

Description Mobile IP traffic information

<mip-tunnel>

Usage

```

<mip-tunnel-information>
  <mip-tunnel>
    <mip-tunnel-source>
      mip-tunnel-source
    </mip-tunnel-source>
    <mip-tunnel-destination>
      mip-tunnel-destination
    </mip-tunnel-destination>
    <mip-tunnel-type>
      mip-tunnel-type
    </mip-tunnel-type>
  </mip-tunnel>
</mip-tunnel-information>

```

Description Mobile IP tunnel information in specific

<mip-tunnel-information>

Usage

```
<mip-tunnel-information>
  <mip-tunnel>....</mip-tunnel>
</mip-tunnel-information>
```

Description Mobile IP tunnel information

<mip-violation>

Usage

```
<mip-violation-information>
  <mip-violation>
    <mip-nai>
      mip-nai
    </mip-nai>
    <mip-home-address>
      mip-home-address
    </mip-home-address>
    <mip-violation-code>
      mip-violation-code
    </mip-violation-code>
    <mip-violation-time>
      mip-violation-time
    </mip-violation-time>
    <mip-violation-spi>
      mip-violation-spi
    </mip-violation-spi>
    <mip-violation-error-code>
      mip-violation-error-code
    </mip-violation-error-code>
    <mip-violation-reason>
      mip-violation-reason
    </mip-violation-reason>
    <mip-violation-count-per-peer>
      mip-violation-count-per-peer
    </mip-violation-count-per-peer>
    <mip-violation-totol-count>
      mip-violation-totol-count
    </mip-violation-totol-count>
  </mip-violation>
</mip-violation-information>
```

Description Mobile IP violation information

<mip-violation-information>

Usage

```
<mip-violation-information>
  <mip-violation>....</mip-violation>
```

</mip-violation-information>

Description Mobile IP violation information

<mip-visitor>

Usage

```
<mip-visitor-information>
  <mip-visitor>
    <mip-nai>
      mip-nai
    </mip-nai>
    <mip-home-address>
      mip-home-address
    </mip-home-address>
    <mip-home-agent>
      mip-home-agent
    </mip-home-agent>
    <mip-care-of-address>
      mip-care-of-address
    </mip-care-of-address>
    <mip-visitor-time-requested>
      mip-visitor-time-requested
    </mip-visitor-time-requested>
    <mip-visitor-time-alloted>
      mip-visitor-time-alloted
    </mip-visitor-time-alloted>
    <mip-visitor-time-remaining>
      mip-visitor-time-remaining
    </mip-visitor-time-remaining>
    <mip-visitor-count>
      mip-visitor-count
    </mip-visitor-count>
    <mip-visitor-pending-count>
      mip-visitor-pending-count
    </mip-visitor-pending-count>
  </mip-visitor>
</mip-visitor-information>
```

Description Mobile IP visitor information

<mip-visitor-information>

Usage

```
<mip-visitor-information>
  <mip-visitor>....</mip-visitor>
</mip-visitor-information>
```

Description Mobile IP visitor information

<mip-wimax-release>

Usage

```
<mip-wimax-release-information>
  <mip-wimax-release>
    <release>
      release
    </release>
  </mip-wimax-release>
</mip-wimax-release-information>
```

Description

<mip-wimax-release-information>

Usage

```
<mip-wimax-release-information>
  <mip-wimax-release>....</mip-wimax-release>
</mip-wimax-release-information>
```

Description WiMAX release supported by Mobile IP

<service-enabled-on>

Usage

```
<mip-home-agent-overview-information>
  <mip-home-agent-overview>
    <service-enabled-on>
      <interface-name>
        interface-name
      </interface-name>
    </service-enabled-on>
  </mip-home-agent-overview>
</mip-home-agent-overview-information>
```

Description Mobile IP HA enabled interfaces

Summary of MPLS OAM Response Tags

<database>

Usage

```
<database>
</database>
```

Description

<fec>**Usage**

```
<fec>
  <fec-prefix>
    fec-prefix
  </fec-prefix>
</fec>
```

Description**<instance>****Usage**

```
<instance>
  <count>
    count
  </count>
</instance>
```

Description**<last-trace-time>****Usage**

```
<last-trace-time>
  <date-time>
    date-time
  </date-time>
</last-trace-time>
```

Description**<multipath-information>****Usage**

```
<multipath-information>
  <multipath-type>
    multipath-type
  </multipath-type>
  <address-range-index>
    address-range-index
  </address-range-index>
  <low-address>
    low-address
  </low-address>
  <high-address>
    high-address
  </high-address>
</multipath-information>
```

Description

<next-scheduled-trace>

Usage

```
<next-scheduled-trace>
  <timer-expiry>
    timer-expiry
  </timer-expiry>
</next-scheduled-trace>
```

Description

<options>

Usage

```
<options>
  <probe-ttl>
    probe-ttl
  </probe-ttl>
  <probe-retries>
    probe-retries
  </probe-retries>
  <probe-wait>
    probe-wait
  </probe-wait>
  <probe-paths>
    probe-paths
  </probe-paths>
  <probe-source>
    probe-source
  </probe-source>
  <probe-destination>
    probe-destination
  </probe-destination>
  <probe-exp>
    probe-exp
  </probe-exp>
  <probe-fanout>
    probe-fanout
  </probe-fanout>
</options>
```

Description

<probe-options>

Usage

```
<probe-options>
  <probe-ttl>
    probe-ttl
  </probe-ttl>
  <probe-retries>
    probe-retries
  </probe-retries>
  <probe-wait>
```

```

    probe-wait
  </probe-wait>
  <probe-paths>
    probe-paths
  </probe-paths>
  <probe-source>
    probe-source
  </probe-source>
  <probe-destination>
    probe-destination
  </probe-destination>
  <probe-exp>
    probe-exp
  </probe-exp>
  <probe-fanout>
    probe-fanout
  </probe-fanout>
</probe-options>

```

Description

<scan-status>

Usage

```

<scan-status>
  <status>
    status
  </status>
</scan-status>

```

Description

<test>

Usage

```

<test>
</test>

```

Description

<tracelsp>

Usage

```

<tracelsp>
</tracelsp>

```

Description

<tracelsp-label>

Usage

```

<tracelsp-label>
  <label-value>

```

```
    label-value
  </label-value>
  <label-depth>
    label-depth
  </label-depth>
  <label-protocol>
    label-protocol
  </label-protocol>
</tracelsp-label>
```

Description

<tracelsp-node>

Usage

```
<tracelsp-node>
  <depth>
    depth
  </depth>
  <label-value>
    label-value
  </label-value>
  <label-protocol>
    label-protocol
  </label-protocol>
  <address>
    address
  </address>
  <parent>
    parent
  </parent>
  <response-time>
    response-time
  </response-time>
  <return-code>
    return-code
  </return-code>
  <multipath-type>
    multipath-type
  </multipath-type>
  <sender-timestamp>
    sender-timestamp
  </sender-timestamp>
  <receiver-timestamp>
    receiver-timestamp
  </receiver-timestamp>
  <status>
    status
  </status>
  <path-index>
    path-index
  </path-index>
  <path-status>
    path-status
  </path-status>
```

```
<probe-destination>
  probe-destination
</probe-destination>
<mtu>
  mtu
</mtu>
<interface>
  interface
</interface>
</tracelsp-node>
```

Description

Summary of Multiservices PIC Daemon Response Tags

<mbspinfo-raw-output>

Usage

```
<mbspinfo-raw-output>
  <interface-name>
    interface-name
  </interface-name>
  <raw-output>
    raw-output
  </raw-output>
</mbspinfo-raw-output>
```

Description

Summary of OAM Response Tags

<oam-information>

Usage

```
<oam-information>
  <oam-interface-information>....</oam-interface-information>
</oam-information>
```

Description Information about the GRE keepalive protocol

<oam-interface-information>

Usage

```
<oam-information>
  <oam-interface-information>
    <oam-interface-name>
      oam-interface-name
    </oam-interface-name>
    <oam-statistics>....</oam-statistics>
    <oam-status>....</oam-status>
  </oam-interface-information>
```

</oam-information>

Description Link-fault management information for one or more interfaces

<oam-statistics>

Usage

```
<oam-information>
  <oam-interface-information>
    <oam-statistics>
      <oam-pdus-received>
        oam-pdus-received
      </oam-pdus-received>
      <oam-pdus-transmitted>
        oam-pdus-transmitted
      </oam-pdus-transmitted>
    </oam-statistics>
  </oam-interface-information>
</oam-information>
```

Description Interface statistics

<oam-status>

Usage

```
<oam-information>
  <oam-interface-information>
    <oam-status>
      <oam-keepalive-status>
        oam-keepalive-status
      </oam-keepalive-status>
    </oam-status>
  </oam-interface-information>
</oam-information>
```

Description

Summary of Packet Triggered Subscribers Response Tags

<clear-session-result>

Usage

```
<packet-triggered-subscribers-information>
  <clear-session-result>
    <num-logout-initiated>
      num-logout-initiated
    </num-logout-initiated>
  </clear-session-result>
</packet-triggered-subscribers-information>
```

Description Result of clear session request

<flows>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-flows>
    <flows>
      <five-tuple>
        five-tuple
      </five-tuple>
      <application-id>
        application-id
      </application-id>
      <policy-name>
        policy-name
      </policy-name>
      <policy-action>
        policy-action
      </policy-action>
      <policy-direction>
        policy-direction
      </policy-direction>
      <packets>
        packets
      </packets>
      <bytes>
        bytes
      </bytes>
    </flows>
  </subscriber-flows>
</packet-triggered-subscribers-information>
```

Description Flows

<packet-triggered-subscribers-information>

Usage

```
<packet-triggered-subscribers-information>
  <message>
    message
  </message>
  <process-status>....</process-status>
  <subscriber-session-summary>....</subscriber-session-summary>
  <subscriber-session>....</subscriber-session>
  <session-statistics>....</session-statistics>
  <subscriber-policy>....</subscriber-policy>
  <subscriber-flows>....</subscriber-flows>
  <subscriber-bandwidth>....</subscriber-bandwidth>
  <clear-session-result>....</clear-session-result>
</packet-triggered-subscribers-information>
```

Description Packet Triggered Subscribers information

<pic-status>

Usage

```
<packet-triggered-subscribers-information>
  <process-status>
    <pic-status>
      <pic-name>
        pic-name
      </pic-name>
      <num-pic-login>
        num-pic-login
      </num-pic-login>
      <num-pic-logout-response>
        num-pic-logout-response
      </num-pic-logout-response>
      <num-login-done>
        num-login-done
      </num-login-done>
      <num-pic-logout>
        num-pic-logout
      </num-pic-logout>
      <num-policy-change>
        num-policy-change
      </num-policy-change>
      <num-policy-change-response>
        num-policy-change-response
      </num-policy-change-response>
      <num-src-logout>
        num-src-logout
      </num-src-logout>
      <num-statistics-polling>
        num-statistics-polling
      </num-statistics-polling>
      <num-sync-start>
        num-sync-start
      </num-sync-start>
      <num-sync-request>
        num-sync-request
      </num-sync-request>
      <num-update-username>
        num-update-username
      </num-update-username>
      <num-connection-up-event>
        num-connection-up-event
      </num-connection-up-event>
      <num-queued-pic-task>
        num-queued-pic-task
      </num-queued-pic-task>
      <num-pending-response>
        num-pending-response
      </num-pending-response>
      <num-service-request-timeout>
        num-service-request-timeout
```



```

</num-service-request-timeout>
<num-logout-request-timeout>
  num-logout-request-timeout
</num-logout-request-timeout>
<num-logout-request-send-failure>
  num-logout-request-send-failure
</num-logout-request-send-failure>
<num-service-request-send-failure>
  num-service-request-send-failure
</num-service-request-send-failure>
<num-accounting-request-send-failure>
  num-accounting-request-send-failure
</num-accounting-request-send-failure>
<num-login-done-send-failure>
  num-login-done-send-failure
</num-login-done-send-failure>
<num-username-update-send-failure>
  num-username-update-send-failure
</num-username-update-send-failure>
</pic-status>
</process-status>
</packet-triggered-subscribers-information>

```

Description

<process-status>

Usage

```

<packet-triggered-subscribers-information>
  <process-status>
    <num-clients>
      num-clients
    </num-clients>
    <num-down-pic-clients>
      num-down-pic-clients
    </num-down-pic-clients>
    <first-down-pic-client-id>
      first-down-pic-client-id
    </first-down-pic-client-id>
    <src-connection-state>
      src-connection-state
    </src-connection-state>
    <num-srr-received>
      num-srr-received
    </num-srr-received>
    <num-ppr-received>
      num-ppr-received
    </num-ppr-received>
    <num-asr-received>
      num-asr-received
    </num-asr-received>
    <num-acr-received>
      num-acr-received
    </num-acr-received>
    <num-aaa-received>

```

```
    num-aaa-received
  </num-aaa-received>
  <num-sta-received>
    num-sta-received
  </num-sta-received>
  <num-sync-aaa-received>
    num-sync-aaa-received
  </num-sync-aaa-received>
  <num-sync-sta-received>
    num-sync-sta-received
  </num-sync-sta-received>
  <num-srr-queued>
    num-srr-queued
  </num-srr-queued>
  <num-srq-queued>
    num-srq-queued
  </num-srq-queued>
  <num-aar-queued>
    num-aar-queued
  </num-aar-queued>
  <num-ppa-queued>
    num-ppa-queued
  </num-ppa-queued>
  <num-str-queued>
    num-str-queued
  </num-str-queued>
  <num-asa-queued>
    num-asa-queued
  </num-asa-queued>
  <num-aca-queued>
    num-aca-queued
  </num-aca-queued>
  <num-sync-aar-queued>
    num-sync-aar-queued
  </num-sync-aar-queued>
  <num-sync-str-queued>
    num-sync-str-queued
  </num-sync-str-queued>
  <num-sending-message>
    num-sending-message
  </num-sending-message>
  <num-waiting-message>
    num-waiting-message
  </num-waiting-message>
  <num-sending-queue-full>
    num-sending-queue-full
  </num-sending-queue-full>
  <num-sending-timeout>
    num-sending-timeout
  </num-sending-timeout>
  <num-response-timeout>
    num-response-timeout
  </num-response-timeout>
  <num-sync-aar-timeout>
    num-sync-aar-timeout
  </num-sync-aar-timeout>
```

```
<num-sync-str-timeout>
  num-sync-str-timeout
</num-sync-str-timeout>
<num-aar-timeout>
  num-aar-timeout
</num-aar-timeout>
<num-str-timeout>
  num-str-timeout
</num-str-timeout>
<num-srq-timeout>
  num-srq-timeout
</num-srq-timeout>
<num-aar-send-failure>
  num-aar-send-failure
</num-aar-send-failure>
<num-asa-send-failure>
  num-asa-send-failure
</num-asa-send-failure>
<num-aca-send-failure>
  num-aca-send-failure
</num-aca-send-failure>
<num-ppa-send-failure>
  num-ppa-send-failure
</num-ppa-send-failure>
<num-str-send-failure>
  num-str-send-failure
</num-str-send-failure>
<num-srq-send-failure>
  num-srq-send-failure
</num-srq-send-failure>
<num-srr-send-failure>
  num-srr-send-failure
</num-srr-send-failure>
<num-sync-aar-send-failure>
  num-sync-aar-send-failure
</num-sync-aar-send-failure>
<num-sync-str-send-failure>
  num-sync-str-send-failure
</num-sync-str-send-failure>
<num-srq-full-sync>
  num-srq-full-sync
</num-srq-full-sync>
<num-srq-fast-sync>
  num-srq-fast-sync
</num-srq-fast-sync>
<num-srq-single-sync>
  num-srq-single-sync
</num-srq-single-sync>
<num-fast-sync-queued>
  num-fast-sync-queued
</num-fast-sync-queued>
<num-queued-diameter-task>
  num-queued-diameter-task
</num-queued-diameter-task>
<fast-sync-in-progress>
  fast-sync-in-progress
```

```
</fast-sync-in-progress>
<full-sync-in-progress>
  full-sync-in-progress
</full-sync-in-progress>
<num-full-sync-abort>
  num-full-sync-abort
</num-full-sync-abort>
<num-fast-sync-abort>
  num-fast-sync-abort
</num-fast-sync-abort>
<num-outstanding-diameter-message>
  num-outstanding-diameter-message
</num-outstanding-diameter-message>
<num-login-retry>
  num-login-retry
</num-login-retry>
<num-diameterd-connected>
  num-diameterd-connected
</num-diameterd-connected>
<num-diameterd-disconnected>
  num-diameterd-disconnected
</num-diameterd-disconnected>
<num-srr-failure>
  num-srr-failure
</num-srr-failure>
<num-pconn>
  num-pconn
</num-pconn>
<pic-status>....</pic-status>
</process-status>
</packet-triggered-subscribers-information>
```

Description Process status

<service-policy>

Usage

```
<packet-triggered-subscribers-information>
<subscriber-policy>
  <service-policy>
    <policy-name>
      policy-name
    </policy-name>
    <rpr>
      rpr
    </rpr>
    <d>
      d
    </d>
    <term>....</term>
  </service-policy>
</subscriber-policy>
</packet-triggered-subscribers-information>
```

Description Service dynamic policy

<service-session>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-session>
    <service-session>
      <policy-name>
        policy-name
      </policy-name>
      <service-state>
        service-state
      </service-state>
    </service-session>
  </subscriber-session>
</packet-triggered-subscribers-information>
```

Description Service session information

<session-statistics>

Usage

```
<packet-triggered-subscribers-information>
  <session-statistics>
    <session-type>
      session-type
    </session-type>
    <name-id>
      name-id
    </name-id>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </session-statistics>
</packet-triggered-subscribers-information>
```

Description Session statistics

<subscriber-bandwidth>

Usage

```
<packet-triggered-subscribers-information>
```

```
<subscriber-bandwidth>
  <client-id>
    client-id
  </client-id>
  <input-bps>
    input-bps
  </input-bps>
  <output-bps>
    output-bps
  </output-bps>
  <input-pps>
    input-pps
  </input-pps>
  <output-pps>
    output-pps
  </output-pps>
</subscriber-bandwidth>
</packet-triggered-subscribers-information>
```

Description Bandwidth

<subscriber-flows>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-flows>
    <client-id>
      client-id
    </client-id>
    <num-data-sessions>
      num-data-sessions
    </num-data-sessions>
    <hwm>
      hwm
    </hwm>
    <flows>....</flows>
  </subscriber-flows>
</packet-triggered-subscribers-information>
```

Description Flows

<subscriber-policy>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-policy>
    <client-id>
      client-id
    </client-id>
    <service-policy>....</service-policy>
  </subscriber-policy>
</packet-triggered-subscribers-information>
```

Description Dynamic policies

<subscriber-session>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-session>
    <username>
      username
    </username>
    <user-ip-address>
      user-ip-address
    </user-ip-address>
    <interface>
      interface
    </interface>
    <service-interface>
      service-interface
    </service-interface>
    <subscriber-state>
      subscriber-state
    </subscriber-state>
    <login-time>
      login-time
    </login-time>
    <routing-instance>
      routing-instance
    </routing-instance>
    <num-services>
      num-services
    </num-services>
    <client-id>
      client-id
    </client-id>
    <service-session>....</service-session>
  </subscriber-session>
</packet-triggered-subscribers-information>
```

Description Subscriber session information

<subscriber-session-summary>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-session-summary>
    <num-clients>
      num-clients
    </num-clients>
  </subscriber-session-summary>
</packet-triggered-subscribers-information>
```

Description Subscriber session summary

<term>

Usage

```
<packet-triggered-subscribers-information>
  <subscriber-policy>
    <service-policy>
      <term>
        <template-name>
          template-name
        </template-name>
        <tpr>
          tpr
        </tpr>
        <ra>
          ra
        </ra>
        <rm>
          rm
        </rm>
        <lpl>
          lpl
        </lpl>
        <lph>
          lph
        </lph>
        <rpl>
          rpl
        </rpl>
        <rph>
          rph
        </rph>
        <p>
          p
        </p>
        <anl>
          anl
        </anl>
        <agl>
          agl
        </agl>
        <a-f>
          a-f
        </a-f>
        <a-s>
          a-s
        </a-s>
        <a-fc>
          a-fc
        </a-fc>
        <a-p-i>
          a-p-i
        </a-p-i>
        <a-p-bw>
          a-p-bw
        </a-p-bw>
```



```

    <a-p-mbs>
      a-p-mbs
    </a-p-mbs>
    <a-fu>
      a-fu
    </a-fu>
  </term>
</service-policy>
</subscriber-policy>
</packet-triggered-subscribers-information>

```

Description Term

Summary of Passive Monitoring Interfaces Response Tags

<error-information>

Usage

```

<passive-monitoring-information>
  <error-information>
    <error-packets-dropped-no-memory>
      error-packets-dropped-no-memory
    </error-packets-dropped-no-memory>
    <error-packets-dropped-not-ip>
      error-packets-dropped-not-ip
    </error-packets-dropped-not-ip>
    <error-packets-dropped-not-ipv4>
      error-packets-dropped-not-ipv4
    </error-packets-dropped-not-ipv4>
    <error-packets-too-small>
      error-packets-too-small
    </error-packets-too-small>
    <error-allocation-failures>
      error-allocation-failures
    </error-allocation-failures>
    <error-free-failures>
      error-free-failures
    </error-free-failures>
    <error-free-list-failures>
      error-free-list-failures
    </error-free-list-failures>
    <error-memory-warning>
      error-memory-warning
    </error-memory-warning>
    <error-memory-overload>
      error-memory-overload
    </error-memory-overload>
    <error-packets-per-second-overload>
      error-packets-per-second-overload
    </error-packets-per-second-overload>
    <error-bytes-per-second-overload>
      error-bytes-per-second-overload
    </error-bytes-per-second-overload>
  </error-information>

```

```
</passive-monitoring-information>
```

Description Passive monitoring error information

<flow-information>

Usage

```
<passive-monitoring-information>
  <flow-information>
    <flow-packets>
      flow-packets
    </flow-packets>
    <flow-bytes>
      flow-bytes
    </flow-bytes>
    <flow-packets-ten-second-rate>
      flow-packets-ten-second-rate
    </flow-packets-ten-second-rate>
    <flow-bytes-ten-second-rate>
      flow-bytes-ten-second-rate
    </flow-bytes-ten-second-rate>
    <active-flows>
      active-flows
    </active-flows>
    <flows>
      flows
    </flows>
    <flows-exported>
      flows-exported
    </flows-exported>
    <flow-packets-exported>
      flow-packets-exported
    </flow-packets-exported>
    <flows-expired>
      flows-expired
    </flows-expired>
    <flows-aged>
      flows-aged
    </flows-aged>
  </flow-information>
</passive-monitoring-information>
```

Description Passive monitoring flow information

<memory-information>

Usage

```
<passive-monitoring-information>
  <memory-information>
    <allocation-count>
      allocation-count
    </allocation-count>
    <free-count>
```

```

        free-count
      </free-count>
      <maximum-allocated>
        maximum-allocated
      </maximum-allocated>
      <allocations-per-second>
        allocations-per-second
      </allocations-per-second>
      <frees-per-second>
        frees-per-second
      </frees-per-second>
      <memory-used>
        memory-used
      </memory-used>
      <memory-free>
        memory-free
      </memory-free>
    </memory-information>
  </passive-monitoring-information>

```

Description Passive monitoring memory utilization

<passive-monitoring-information>

Usage

```

<passive-monitoring-information>
  <interface-name>
    interface-name
  </interface-name>
  <local-index>
    local-index
  </local-index>
  <pic-status>
    pic-status
  </pic-status>
  <usage-information>....</usage-information>
  <memory-information>....</memory-information>
  <flow-information>....</flow-information>
  <error-information>....</error-information>
  <status-information>....</status-information>
</passive-monitoring-information>

```

Description

<status-information>

Usage

```

<passive-monitoring-information>
  <status-information>
    <status-group-index>
      status-group-index
    </status-group-index>
    <status-export-interval>
      status-export-interval

```

```
</status-export-interval>
<status-export-format>
  status-export-format
</status-export-format>
<status-proto>
  status-proto
</status-proto>
<status-engine-type>
  status-engine-type
</status-engine-type>
<status-engine-id>
  status-engine-id
</status-engine-id>
<status-route-record-count>
  status-route-record-count
</status-route-record-count>
<status-ifl-snmp-map-count>
  status-ifl-snmp-map-count
</status-ifl-snmp-map-count>
<status-as-count>
  status-as-count
</status-as-count>
<status-monitor-time-set>
  status-monitor-time-set
</status-monitor-time-set>
<status-monitor-config-set>
  status-monitor-config-set
</status-monitor-config-set>
<status-monitor-route-record-set>
  status-monitor-route-record-set
</status-monitor-route-record-set>
<status-monitor-ifl-snmp-set>
  status-monitor-ifl-snmp-set
</status-monitor-ifl-snmp-set>
</status-information>
</passive-monitoring-information>
```

Description Passive monitoring status information

<usage-information>

Usage

```
<passive-monitoring-information>
<usage-information>
  <uptime>
    uptime
  </uptime>
  <inttime>
    inttime
  </inttime>
  <five-second-load>
    five-second-load
  </five-second-load>
  <one-minute-load>
```

```

    one-minute-load
  </one-minute-load>
</usage-information>
</passive-monitoring-information>

```

Description Passive monitoring CPU utilization

Summary of PGM Response Tags

<errors>

Usage

```

<pgm-statistics-information>
  <packet-counters>
    <errors>
      <short-pgm-header>
        short-pgm-header
      </short-pgm-header>
      <bad-checksum>
        bad-checksum
      </bad-checksum>
      <zero-checksum>
        zero-checksum
      </zero-checksum>
      <bad-tsdu-length>
        bad-tsdu-length
      </bad-tsdu-length>
      <bad-spm-length>
        bad-spm-length
      </bad-spm-length>
      <bad-spm-family>
        bad-spm-family
      </bad-spm-family>
      <bad-nak-length>
        bad-nak-length
      </bad-nak-length>
      <bad-nak-family>
        bad-nak-family
      </bad-nak-family>
      <nak-unknown-tsi>
        nak-unknown-tsi
      </nak-unknown-tsi>
      <nak-throttled>
        nak-throttled
      </nak-throttled>
      <bad-ncf-length>
        bad-ncf-length
      </bad-ncf-length>
      <bad-ncf-family>
        bad-ncf-family
      </bad-ncf-family>
      <ncf-unknown-tsi>
        ncf-unknown-tsi
      </ncf-unknown-tsi>
    </errors>
  </packet-counters>
</pgm-statistics-information>

```

```
<bad-rdata-length>
  bad-rdata-length
</bad-rdata-length>
<rdata-unknown-tsi>
  rdata-unknown-tsi
</rdata-unknown-tsi>
<odata-with-ra>
  odata-with-ra
</odata-with-ra>
</errors>
</packet-counters>
</pgm-statistics-information>
```

Description

<nak>

Usage

```
<pgm-statistics-information>
<packet-counters>
  <nak>
    <received>
      received
    </received>
    <sent>
      sent
    </sent>
  </nak>
</packet-counters>
</pgm-statistics-information>
```

Description

<ncf>

Usage

```
<pgm-statistics-information>
<packet-counters>
  <ncf>
    <received>
      received
    </received>
    <sent>
      sent
    </sent>
  </ncf>
</packet-counters>
</pgm-statistics-information>
```

Description

<nullnak>**Usage**

```

<pgm-statistics-information>
  <packet-counters>
    <nullnak>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </nullnak>
  </packet-counters>
</pgm-statistics-information>

```

Description**<other>****Usage**

```

<pgm-statistics-information>
  <packet-counters>
    <other>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </other>
  </packet-counters>
</pgm-statistics-information>

```

Description**<packet-counters>****Usage**

```

<pgm-statistics-information>
  <packet-counters>
    <spm>....</spm>
    <poll>....</poll>
    <polr>....</polr>
    <rdata>....</rdata>
    <nak>....</nak>
    <nullnak>....</nullnak>
    <ncf>....</ncf>
    <spmr>....</spmr>
    <other>....</other>
    <errors>....</errors>
  </packet-counters>
</pgm-statistics-information>

```

Description**<pgm-nak-interface>****Usage**

```
<pgm-spm-information>
  <pgm-spm-tsi>
    <pgm-spm-nak>
      <pgm-nak-interface>
        <pgm-nak-interface-name>
          pgm-nak-interface-name
        </pgm-nak-interface-name>
        <pgm-nak-interface-sender>
          pgm-nak-interface-sender
        </pgm-nak-interface-sender>
      </pgm-nak-interface>
    </pgm-spm-nak>
  </pgm-spm-tsi>
</pgm-spm-information>
```

Description**<pgm-spm-information>****Usage**

```
<pgm-spm-information>
  <pgm-spm-tsi>....</pgm-spm-tsi>
</pgm-spm-information>
```

Description**<pgm-spm-nak>****Usage**

```
<pgm-spm-information>
  <pgm-spm-tsi>
    <pgm-spm-nak>
      <pgm-nak-sequence>
        pgm-nak-sequence
      </pgm-nak-sequence>
      <pgm-nak-source>
        pgm-nak-source
      </pgm-nak-source>
      <pgm-nak-group>
        pgm-nak-group
      </pgm-nak-group>
      <pgm-nak-interface>....</pgm-nak-interface>
    </pgm-spm-nak>
  </pgm-spm-tsi>
</pgm-spm-information>
```

Description

<pgm-spm-tsi>**Usage**

```

<pgm-spm-information>
  <pgm-spm-tsi>
    <pgm-spm-gsid>
      pgm-spm-gsid
    </pgm-spm-gsid>
    <pgm-spm-sport>
      pgm-spm-sport
    </pgm-spm-sport>
    <pgm-spm-seq>
      pgm-spm-seq
    </pgm-spm-seq>
    <pgm-spm-trail>
      pgm-spm-trail
    </pgm-spm-trail>
    <pgm-spm-lead>
      pgm-spm-lead
    </pgm-spm-lead>
    <pgm-spm-nla>
      pgm-spm-nla
    </pgm-spm-nla>
    <pgm-spm-nak>....</pgm-spm-nak>
  </pgm-spm-tsi>
</pgm-spm-information>

```

Description**<pgm-statistics-information>****Usage**

```

<pgm-statistics-information>
  <packet-counters>....</packet-counters>
</pgm-statistics-information>

```

Description**<poll>****Usage**

```

<pgm-statistics-information>
  <packet-counters>
    <poll>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </poll>
  </packet-counters>
</pgm-statistics-information>

```

Description**<polr>****Usage**

```
<pgm-statistics-information>
  <packet-counters>
    <polr>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </polr>
  </packet-counters>
</pgm-statistics-information>
```

Description**<rdata>****Usage**

```
<pgm-statistics-information>
  <packet-counters>
    <rdata>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </rdata>
  </packet-counters>
</pgm-statistics-information>
```

Description**<spm>****Usage**

```
<pgm-statistics-information>
  <packet-counters>
    <spm>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </spm>
  </packet-counters>
</pgm-statistics-information>
```

Description

<spmr>

Usage

```

<pgm-statistics-information>
  <packet-counters>
    <spmr>
      <received>
        received
      </received>
      <sent>
        sent
      </sent>
    </spmr>
  </packet-counters>
</pgm-statistics-information>

```

Description

Summary of PKI Response Tags

<alternate-subject-list>

Usage

```

<alternate-subject-list>
  <alternate-subject>
    alternate-subject
  </alternate-subject>
</alternate-subject-list>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-info>

```

Description

<alternate-subject-list>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <alternate-subject-list>
      <alternate-subject>

```

```
alternate-subject
</alternate-subject>
</alternate-subject-list>
</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<alternate-subject-list>

Usage

```
<x509-certificate-cache-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-cache-info>
```

Description

<alternate-subject-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <alternate-subject-list>
      <alternate-subject>
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<alternate-subject-list>

Usage

```
<pkid-x509-certificate-information>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</pkid-x509-certificate-information>
```

Description

<alternate-subject-list>

Usage

```
<pkid-x509-certificate-request-information>
```

```

<alternate-subject-list>
  <alternate-subject>
    alternate-subject
  </alternate-subject>
</alternate-subject-list>
</pkid-x509-certificate-request-information>

```

Description

<auto-re-enrollment>

Usage

```

<auto-re-enrollment>
  <auto-re-enrollment-status>
    auto-re-enrollment-status
  </auto-re-enrollment-status>
  <auto-re-enrollment-next-trigger-time>
    auto-re-enrollment-next-trigger-time
  </auto-re-enrollment-next-trigger-time>
</auto-re-enrollment>

```

Description

<auto-re-enrollment>

Usage

```

<x509-certificate-info>
  <auto-re-enrollment>
    <auto-re-enrollment-status>
      auto-re-enrollment-status
    </auto-re-enrollment-status>
    <auto-re-enrollment-next-trigger-time>
      auto-re-enrollment-next-trigger-time
    </auto-re-enrollment-next-trigger-time>
  </auto-re-enrollment>
</x509-certificate-info>

```

Description

<auto-re-enrollment>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <auto-re-enrollment>
      <auto-re-enrollment-status>
        auto-re-enrollment-status
      </auto-re-enrollment-status>
      <auto-re-enrollment-next-trigger-time>
        auto-re-enrollment-next-trigger-time
      </auto-re-enrollment-next-trigger-time>
    </auto-re-enrollment>
  </x509-certificate-info>

```

```
</x509-pki-certificate-info-list>
```

Description

<auto-re-enrollment>

Usage

```
<pkid-x509-certificate-information>
  <auto-re-enrollment>
    <auto-re-enrollment-status>
      auto-re-enrollment-status
    </auto-re-enrollment-status>
    <auto-re-enrollment-next-trigger-time>
      auto-re-enrollment-next-trigger-time
    </auto-re-enrollment-next-trigger-time>
  </auto-re-enrollment>
</pkid-x509-certificate-information>
```

Description

<ca-certificate-enroll>

Usage

```
<ca-certificate-enroll>
  <ca-subject>
    ca-subject
  </ca-subject>
  <fingerprint>....</fingerprint>
</ca-certificate-enroll>
```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll>

Usage

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <ca-subject>
      ca-subject
    </ca-subject>
    <fingerprint>....</fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll-list>

Usage

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll-msg>
```

```

    ca-certificate-enroll-msg
  </ca-certificate-enroll-msg>
  <ca-certificate-enroll>....</ca-certificate-enroll>
</ca-certificate-enroll-list>

```

Description**<cert-ca-load-status>****Usage**

```

<cert-ca-load-status>
  <cert-ca-profile>
    cert-ca-profile
  </cert-ca-profile>
</cert-ca-load-status>

```

Description Certificate Authority certificate load status

<cert-ca-manual-load>**Usage**

```

<cert-ca-manual-load>
  <fingerprint>....</fingerprint>
</cert-ca-manual-load>

```

Description CA certificate manual-load prompt

<cert-flag-info>**Usage**

```

<cert-flag-info>
  <cert-flag-trust>
    cert-flag-trust
  </cert-flag-trust>
  <cert-flag-root>
    cert-flag-root
  </cert-flag-root>
</cert-flag-info>

```

Description Information about state of certificates present in the cache

<cert-flag-info>**Usage**

```

<x509-certificate-cache-info>
  <cert-flag-info>
    <cert-flag-trust>
      cert-flag-trust
    </cert-flag-trust>
    <cert-flag-root>
      cert-flag-root
    </cert-flag-root>
  </cert-flag-info>

```

```
</cert-flag-root>
</cert-flag-info>
</x509-certificate-cache-info>
```

Description Information about state of certificates present in the cache

<cert-flag-info>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <cert-flag-info>
      <cert-flag-trust>
        cert-flag-trust
      </cert-flag-trust>
      <cert-flag-root>
        cert-flag-root
      </cert-flag-root>
    </cert-flag-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about state of certificates present in the cache

<cert-key-pair>

Usage

```
<cert-key-pair>
  <cert-key-pair-name>
    cert-key-pair-name
  </cert-key-pair-name>
  <cert-key-pair-size>
    cert-key-pair-size
  </cert-key-pair-size>
</cert-key-pair>
```

Description Generate key pair status

<cert-load-status>

Usage

```
<cert-load-status>
  <cert-certificate-id>
    cert-certificate-id
  </cert-certificate-id>
</cert-load-status>
```

Description Local certificate load status

<cert-request-dump>

Usage

```

<cert-request-dump>
  <cert-request-dump-msg>
    cert-request-dump-msg
  </cert-request-dump-msg>
  <cert-request-dump-file>....</cert-request-dump-file>
  <fingerprint>....</fingerprint>
</cert-request-dump>

```

Description Dump the generated certificate request

<cert-request-dump-file>

Usage

```

<cert-request-dump>
  <cert-request-dump-file>
    <cert-request-dump-file-content>
      cert-request-dump-file-content
    </cert-request-dump-file-content>
  </cert-request-dump-file>
</cert-request-dump>

```

Description File contents

<crl-issuer-alternate-subject-list>

Usage

```

<crl-issuer-alternate-subject-list>
  <crl-issuer-alternate-subject>
    crl-issuer-alternate-subject
  </crl-issuer-alternate-subject>
</crl-issuer-alternate-subject-list>

```

Description

<crl-issuer-alternate-subject-list>

Usage

```

<x509-crl-information>
  <crl-issuer-alternate-subject-list>
    <crl-issuer-alternate-subject>
      crl-issuer-alternate-subject
    </crl-issuer-alternate-subject>
  </crl-issuer-alternate-subject-list>
</x509-crl-information>

```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-alternate-subject-list>
      <crl-issuer-alternate-subject>
        crl-issuer-alternate-subject
      </crl-issuer-alternate-subject>
    </crl-issuer-alternate-subject-list>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<pkid-x509-crl-information>
  <crl-issuer-alternate-subject-list>
    <crl-issuer-alternate-subject>
      crl-issuer-alternate-subject
    </crl-issuer-alternate-subject>
  </crl-issuer-alternate-subject-list>
</pkid-x509-crl-information>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<x509-pkid-crl-information-list>
  <pkid-x509-crl-information>
    <crl-issuer-alternate-subject-list>
      <crl-issuer-alternate-subject>
        crl-issuer-alternate-subject
      </crl-issuer-alternate-subject>
    </crl-issuer-alternate-subject-list>
  </pkid-x509-crl-information>
</x509-pkid-crl-information-list>
```

Description

<crl-issuer-detail>

Usage

```
<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>....</distinguished-name>
  </crl-issuer-detail>
</x509-crl-information>
```

Description Distinguished name of CRL issuer

<crl-issuer-detail>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-detail>
      <distinguished-name>....</distinguished-name>
    </crl-issuer-detail>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description Distinguished name of CRL issuer

<crl-load-status>

Usage

```
<crl-load-status>
  <ca-profile-name>
    ca-profile-name
  </ca-profile-name>
</crl-load-status>
```

Description Status of manual load of certificate revocation list

<crl-revocation-list>

Usage

```
<crl-revocation-list>
  <revoked-cert-serial-number>
    revoked-cert-serial-number
  </revoked-cert-serial-number>
  <crl-revocation-date>
    crl-revocation-date
  </crl-revocation-date>
</crl-revocation-list>
```

Description

<crl-revocation-list>

Usage

```
<x509-crl-information>
  <crl-revocation-list>
    <revoked-cert-serial-number>
      revoked-cert-serial-number
    </revoked-cert-serial-number>
    <crl-revocation-date>
      crl-revocation-date
    </crl-revocation-date>
  </crl-revocation-list>
```

</x509-crl-information>

Description

<crl-revocation-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-revocation-list>
      <revoked-cert-serial-number>
        revoked-cert-serial-number
      </revoked-cert-serial-number>
      <crl-revocation-date>
        crl-revocation-date
      </crl-revocation-date>
    </crl-revocation-list>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description

<crl-revocation-list>

Usage

```
<pkid-x509-crl-information>
  <crl-revocation-list>
    <revoked-cert-serial-number>
      revoked-cert-serial-number
    </revoked-cert-serial-number>
    <crl-revocation-date>
      crl-revocation-date
    </crl-revocation-date>
  </crl-revocation-list>
</pkid-x509-crl-information>
```

Description

<crl-revocation-list>

Usage

```
<x509-pkid-crl-information-list>
  <pkid-x509-crl-information>
    <crl-revocation-list>
      <revoked-cert-serial-number>
        revoked-cert-serial-number
      </revoked-cert-serial-number>
      <crl-revocation-date>
        crl-revocation-date
      </crl-revocation-date>
    </crl-revocation-list>
  </pkid-x509-crl-information>
</x509-pkid-crl-information-list>
```

Description**<crl-validity>****Usage**

```
<crl-validity>
  <effective-date>
    effective-date
  </effective-date>
  <next-update>
    next-update
  </next-update>
</crl-validity>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>**Usage**

```
<x509-crl-information>
  <crl-validity>
    <effective-date>
      effective-date
    </effective-date>
    <next-update>
      next-update
    </next-update>
  </crl-validity>
</x509-crl-information>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>**Usage**

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-validity>
      <effective-date>
        effective-date
      </effective-date>
      <next-update>
        next-update
      </next-update>
    </crl-validity>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>

Usage

```
<pkid-x509-crl-information>
  <crl-validity>
    <effective-date>
      effective-date
    </effective-date>
    <next-update>
      next-update
    </next-update>
  </crl-validity>
</pkid-x509-crl-information>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>

Usage

```
<x509-pkid-crl-information-list>
  <pkid-x509-crl-information>
    <crl-validity>
      <effective-date>
        effective-date
      </effective-date>
      <next-update>
        next-update
      </next-update>
    </crl-validity>
  </pkid-x509-crl-information>
</x509-pkid-crl-information-list>
```

Description Information about validity period for X.509 certificate revocation list

<distinguished-name>

Usage

```
<distinguished-name>
  <organization-name>
    organization-name
  </organization-name>
  <organizational-unit-name>
    organizational-unit-name
  </organizational-unit-name>
  <country-name>
    country-name
  </country-name>
  <state-or-province-name>
    state-or-province-name
  </state-or-province-name>
  <locality-name>
    locality-name
```

```

</locality-name>
<common-name>
  common-name
</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>

```

Description

<distinguished-name>

Usage

```

<x509-certificate-info>
  <issuer>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </issuer>
</x509-certificate-info>

```

Description

<distinguished-name>

Usage

```

<x509-certificate-info>

```

```
<subject>
  <distinguished-name>
    <organization-name>
      organization-name
    </organization-name>
    <organizational-unit-name>
      organizational-unit-name
    </organizational-unit-name>
    <country-name>
      country-name
    </country-name>
    <state-or-province-name>
      state-or-province-name
    </state-or-province-name>
    <locality-name>
      locality-name
    </locality-name>
    <common-name>
      common-name
    </common-name>
    <email-address>
      email-address
    </email-address>
    <domain-component>
      domain-component
    </domain-component>
  </distinguished-name>
</subject>
</x509-certificate-info>
```

Description

<distinguished-name>

Usage

```
<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
```



```

</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</crl-issuer-detail>
</x509-crl-information>

```

Description

<distinguished-name>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
        </common-name>
        <email-address>
          email-address
        </email-address>
        <domain-component>
          domain-component
        </domain-component>
      </distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description

<distinguished-name>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
        </common-name>
        <email-address>
          email-address
        </email-address>
        <domain-component>
          domain-component
        </domain-component>
      </distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<distinguished-name>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-detail>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
```

```

        state-or-province-name
      </state-or-province-name>
    <locality-name>
      locality-name
    </locality-name>
    <common-name>
      common-name
    </common-name>
    <email-address>
      email-address
    </email-address>
    <domain-component>
      domain-component
    </domain-component>
  </distinguished-name>
</crl-issuer-detail>
</x509-crl-information>
</x509-pki-crl-information-list>

```

Description

<distinguished-name>

Usage

```

<pkid-x509-certificate-information>
  <issuer-name>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </issuer-name>
</pkid-x509-certificate-information>

```

Description**<distinguished-name>****Usage**

```
<pkid-x509-certificate-information>
  <subject-name>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </subject-name>
</pkid-x509-certificate-information>
```

Description**<distribution-crl-list>****Usage**

```
<distribution-crl-list>
  <distribution-crl>
    distribution-crl
  </distribution-crl>
</distribution-crl-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>**Usage**

```
<x509-certificate-info>
  <distribution-crl-list>
```

```
<distribution-crl>  
  distribution-crl  
</distribution-crl>  
</distribution-crl-list>  
</x509-certificate-info>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-pki-certificate-info-list>  
  <x509-certificate-info>  
    <distribution-crl-list>  
      <distribution-crl>  
        distribution-crl  
      </distribution-crl>  
    </distribution-crl-list>  
  </x509-certificate-info>  
</x509-pki-certificate-info-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info>  
  <distribution-crl-list>  
    <distribution-crl>  
      distribution-crl  
    </distribution-crl>  
  </distribution-crl-list>  
</x509-certificate-cache-info>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info-list>  
  <x509-certificate-cache-info>  
    <distribution-crl-list>  
      <distribution-crl>  
        distribution-crl  
      </distribution-crl>  
    </distribution-crl-list>  
  </x509-certificate-cache-info>  
</x509-certificate-cache-info-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<pkid-x509-certificate-information>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</pkid-x509-certificate-information>
```

Description Information about one or more distribution certificate revocation lists

<fingerprint>

Usage

```
<fingerprint>
  <fingerprint-hash-algorithm>
    fingerprint-hash-algorithm
  </fingerprint-hash-algorithm>
  <fingerprint-content>
    fingerprint-content
  </fingerprint-content>
</fingerprint>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-info>
```

Description Fingerprint

<fingerprint>

Usage

```
<cert-ca-manual-load>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
```

```

    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-ca-manual-load>

```

Description Fingerprint

<fingerprint>

Usage

```

<cert-request-dump>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-request-dump>

```

Description Fingerprint

<fingerprint>

Usage

```

<ca-certificate-enroll>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</ca-certificate-enroll>

```

Description Fingerprint

<fingerprint>

Usage

```

<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>

```

```
</fingerprint-content>
</fingerprint>
</ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-cache-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-cache-info>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
```



```

        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Fingerprint

<fingerprint>

Usage

```

<pkid-x509-certificate-information>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</pkid-x509-certificate-information>

```

Description Fingerprint

<fingerprint>

Usage

```

<pkid-x509-certificate-request-information>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</pkid-x509-certificate-request-information>

```

Description Fingerprint

<issue-info>

Usage

```

<issue-info>
  <recipient>
    recipient
  </recipient>
  <issued-by>
    issued-by
  </issued-by>

```

</issue-info>

Description

<issue-info>

Usage

```
<x509-certificate-info>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</x509-certificate-info>
```

Description

<issue-info>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<issue-info>

Usage

```
<x509-certificate-cache-info>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</x509-certificate-cache-info>
```

Description**<issue-info>****Usage**

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description**<issue-info>****Usage**

```

<pkid-x509-certificate-information>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</pkid-x509-certificate-information>

```

Description**<issue-info>****Usage**

```

<pkid-x509-certificate-request-information>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</pkid-x509-certificate-request-information>

```

Description

<issuer>**Usage**

```
<x509-certificate-info>
  <issuer>
    <distinguished-name>....</distinguished-name>
  </issuer>
</x509-certificate-info>
```

Description Identifies the CA that issued certificate

<issuer>**Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>....</distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Identifies the CA that issued certificate

<issuer-name>**Usage**

```
<pkid-x509-certificate-information>
  <issuer-name>
    <distinguished-name>....</distinguished-name>
  </issuer-name>
</pkid-x509-certificate-information>
```

Description Identifies the CA that issued certificate

<key-usage-list>**Usage**

```
<key-usage-list>
  <key-usage>
    key-usage
  </key-usage>
</key-usage-list>
```

Description

<key-usage-list>**Usage**

```
<x509-certificate-info>
```

```

<key-usage-list>
  <key-usage>
    key-usage
  </key-usage>
</key-usage-list>
</x509-certificate-info>

```

Description

<key-usage-list>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description

<key-usage-list>

Usage

```

<x509-certificate-cache-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</x509-certificate-cache-info>

```

Description

<key-usage-list>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description

<key-usage-list>

Usage

```
<pkid-x509-certificate-information>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</pkid-x509-certificate-information>
```

Description

<key-usage-list>

Usage

```
<pkid-x509-certificate-request-information>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</pkid-x509-certificate-request-information>
```

Description

<pki-scep>

Usage

```
<pki-scep>
  <url>
    url
  </url>
  <ca-name>
    ca-name
  </ca-name>
  <ca-file>
    ca-file
  </ca-file>
  <key>
    key
  </key>
  <certificate-subject>
    certificate-subject
  </certificate-subject>
  <certificate-dns>
    certificate-dns
  </certificate-dns>
  <certificate-alternate-subject>
    certificate-alternate-subject
  </certificate-alternate-subject>
  <encoding>
    encoding
  </encoding>
```

```

    <message>
      message
    </message>
  </pki-scep>

```

Description Simple Certificate Enrollment Protocol

<pki-status>

Usage

```

  <pki-status>
    <running>
      running
    </running>
  </pki-status>

```

Description Status of PKI service

<pkid-status-messages>

Usage

```

  <pkid-status-messages>
    <load-status>
      load-status
    </load-status>
  </pkid-status-messages>

```

Description Status of pkid operational commands

<pkid-x509-certificate-information>

Usage

```

  <pkid-x509-certificate-information>
    <issue-info>....</issue-info>
    <serial-number-list>....</serial-number-list>
    <public-key>....</public-key>
    <fingerprint>....</fingerprint>
    <public-key-contents-list>....</public-key-contents-list>
    <alternate-subject-list>....</alternate-subject-list>
    <key-usage-list>....</key-usage-list>
    <distribution-crl-list>....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
      identifier
    </identifier>
    <validity>....</validity>
    <version>
      version
    </version>
  </pkid-x509-certificate-information>

```

```
<certificate-type>
  certificate-type
</certificate-type>
<status>
  status
</status>
<auto-re-enrollment>....</auto-re-enrollment>
<issuer-name>....</issuer-name>
<subject-name>....</subject-name>
</pkid-x509-certificate-information>
```

Description Detailed information about an X.509 certificate

<pkid-x509-certificate-request-information>

Usage

```
<pkid-x509-certificate-request-information>
<issue-info>....</issue-info>
<serial-number-list>....</serial-number-list>
<public-key>....</public-key>
<fingerprint>....</fingerprint>
<public-key-contents-list>....</public-key-contents-list>
<alternate-subject-list>....</alternate-subject-list>
<key-usage-list>....</key-usage-list>
<signature-algorithm>
  signature-algorithm
</signature-algorithm>
<identifier>
  identifier
</identifier>
<version>
  version
</version>
<status>
  status
</status>
</pkid-x509-certificate-request-information>
```

Description Detailed information about an X.509 certificate

<pkid-x509-crl-information>

Usage

```
<pkid-x509-crl-information>
<crl-number>
  crl-number
</crl-number>
<crl-revocation-list>....</crl-revocation-list>
<crl-validity>....</crl-validity>
<crl-version>
  crl-version
</crl-version>
<crl-issuer>
```



```

    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
</pkid-x509-crl-information>

```

Description Detailed information about X.509 certificate revocation list

<pkid-x509-crl-information>

Usage

```

<x509-pkid-crl-information-list>
  <pkid-x509-crl-information>
    <crl-number>
      crl-number
    </crl-number>
    <crl-revocation-list>....</crl-revocation-list>
    <crl-validity>....</crl-validity>
    <crl-version>
      crl-version
    </crl-version>
    <crl-issuer>
      crl-issuer
    </crl-issuer>
    <identifier>
      identifier
    </identifier>
    <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  </pkid-x509-crl-information>
</x509-pkid-crl-information-list>

```

Description Detailed information about X.509 certificate revocation list

<public-key>

Usage

```

<public-key>
  <public-key-algorithm>
    public-key-algorithm
  </public-key-algorithm>
  <public-key-length>
    public-key-length
  </public-key-length>
  <public-key-verification-status>
    public-key-verification-status
  </public-key-verification-status>
</public-key>

```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-info>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-cache-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
```

```

        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-cache-info>

```

Description Information about an X.509 public key

<public-key>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Information about an X.509 public key

<public-key>

Usage

```

<pkid-x509-certificate-information>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</pkid-x509-certificate-information>

```

Description Information about an X.509 public key

<public-key>

Usage

```

<pkid-x509-certificate-request-information>

```

```
<public-key>
  <public-key-algorithm>
    public-key-algorithm
  </public-key-algorithm>
  <public-key-length>
    public-key-length
  </public-key-length>
  <public-key-verification-status>
    public-key-verification-status
  </public-key-verification-status>
</public-key>
</pkid-x509-certificate-request-information>
```

Description Information about an X.509 public key

<public-key-contents-list>

Usage

```
<public-key-contents-list>
  <key-contents>
    key-contents
  </key-contents>
</public-key-contents-list>
```

Description

<public-key-contents-list>

Usage

```
<x509-certificate-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-info>
```

Description

<public-key-contents-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description**<public-key-contents-list>****Usage**

```
<x509-certificate-cache-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-cache-info>
```

Description**<public-key-contents-list>****Usage**

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description**<public-key-contents-list>****Usage**

```
<pkid-x509-certificate-information>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</pkid-x509-certificate-information>
```

Description**<public-key-contents-list>****Usage**

```
<pkid-x509-certificate-request-information>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</pkid-x509-certificate-request-information>
```

Description**<serial-number-list>****Usage**

```
<serial-number-list>
  <serial-number-x509>
    serial-number-x509
  </serial-number-x509>
</serial-number-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-certificate-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-certificate-cache-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-cache-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<pkid-x509-certificate-information>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</pkid-x509-certificate-information>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<pkid-x509-certificate-request-information>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</pkid-x509-certificate-request-information>
```

Description Serial numbers of one or more X.509 certificate

<service-set-info>

Usage

```
<service-set-info>
  <service-set-name>
    service-set-name
  </service-set-name>
  <total-cert-entries>
```

```
total-cert-entries
</total-cert-entries>
</service-set-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>

Usage

```
<x509-certificate-cache-info>
  <service-set-info>
    <service-set-name>
      service-set-name
    </service-set-name>
    <total-cert-entries>
      total-cert-entries
    </total-cert-entries>
  </service-set-info>
</x509-certificate-cache-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <service-set-info>
      <service-set-name>
        service-set-name
      </service-set-name>
      <total-cert-entries>
        total-cert-entries
      </total-cert-entries>
    </service-set-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about service set and certificate cache statistics

<subject>

Usage

```
<x509-certificate-info>
  <subject>
    <distinguished-name>....</distinguished-name>
  </subject>
</x509-certificate-info>
```

Description Information about certificate owner

<subject>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>....</distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description Information about certificate owner

<subject-name>**Usage**

```

<pkid-x509-certificate-information>
  <subject-name>
    <distinguished-name>....</distinguished-name>
  </subject-name>
</pkid-x509-certificate-information>

```

Description Information about certificate owner

<validity>**Usage**

```

<validity>
  <not-before>
    not-before
  </not-before>
  <not-after>
    not-after
  </not-after>
</validity>

```

Description Information about validity period for X.509 certificate

<validity>**Usage**

```

<x509-certificate-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>

```

</x509-certificate-info>

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-cache-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
</x509-certificate-cache-info>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-cache-info>
```

```

</x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<pkid-x509-certificate-information>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
</pkid-x509-certificate-information>

```

Description Information about validity period for X.509 certificate

<verify-cert-status>

Usage

```

<verify-cert-status>
  <cert-verification-status>
    cert-verification-status
  </cert-verification-status>
</verify-cert-status>

```

Description Certificate verification status

<x509-certificate-cache-info>

Usage

```

<x509-certificate-cache-info>
  <service-set-info>....</service-set-info>
  <cert-flag-info>....</cert-flag-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier

```

```
</identifier>
<validity>....</validity>
<version>
  version
</version>
<certificate-cache-entry>
  certificate-cache-entry
</certificate-cache-entry>
</x509-certificate-cache-info>
```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <service-set-info>....</service-set-info>
    <cert-flag-info>....</cert-flag-info>
    <issue-info>....</issue-info>
    <serial-number-list>....</serial-number-list>
    <public-key>....</public-key>
    <fingerprint>....</fingerprint>
    <public-key-contents-list>....</public-key-contents-list>
    <alternate-subject-list>....</alternate-subject-list>
    <key-usage-list>....</key-usage-list>
    <distribution-crl-list>....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
      identifier
    </identifier>
    <validity>....</validity>
    <version>
      version
    </version>
    <certificate-cache-entry>
      certificate-cache-entry
    </certificate-cache-entry>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>....</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Details of X.509 certificates present in the cache

<x509-certificate-info>

Usage

```
<x509-certificate-info>
  <issue-info>.....</issue-info>
  <serial-number-list>.....</serial-number-list>
  <public-key>.....</public-key>
  <fingerprint>.....</fingerprint>
  <public-key-contents-list>.....</public-key-contents-list>
  <alternate-subject-list>.....</alternate-subject-list>
  <key-usage-list>.....</key-usage-list>
  <distribution-crl-list>.....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier
  </identifier>
  <validity>.....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>.....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>.....</issuer>
  <subject>.....</subject>
</x509-certificate-info>
```

Description Detailed information about an X.509 certificate

<x509-certificate-info>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issue-info>.....</issue-info>
    <serial-number-list>.....</serial-number-list>
    <public-key>.....</public-key>
    <fingerprint>.....</fingerprint>
    <public-key-contents-list>.....</public-key-contents-list>
    <alternate-subject-list>.....</alternate-subject-list>
    <key-usage-list>.....</key-usage-list>
    <distribution-crl-list>.....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
```

```
    identifier
  </identifier>
  <validity>....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>....</issuer>
  <subject>....</subject>
</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Detailed information about an X.509 certificate

<x509-crl-information>

Usage

```
<x509-crl-information>
  <crl-number>
    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>
```

Description Detailed information about X.509 certificate revocation list

<x509-crl-information>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-number>
      crl-number
    </crl-number>
    <crl-revocation-list>....</crl-revocation-list>
```

```

    <crl-validity>....</crl-validity>
    <crl-version>
      crl-version
    </crl-version>
    <crl-issuer>
      crl-issuer
    </crl-issuer>
    <identifier>
      identifier
    </identifier>
    <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
    <crl-issuer-detail>....</crl-issuer-detail>
  </x509-crl-information>
</x509-pki-crl-information-list>

```

Description Detailed information about X.509 certificate revocation list

<x509-pki-certificate-info-list>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>....</x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description X.509 certificate details

<x509-pki-crl-information-list>

Usage

```

<x509-pki-crl-information-list>
  <x509-crl-information>....</x509-crl-information>
</x509-pki-crl-information-list>

```

Description Detailed information about X.509 certificate revocation list

<x509-pkid-crl-information-list>

Usage

```

<x509-pkid-crl-information-list>
  <pkid-x509-crl-information>....</pkid-x509-crl-information>
</x509-pkid-crl-information-list>

```

Description Detailed information about X.509 certificate revocation list

Summary of Periodic Packet Management Response Tags

<adjacency-data>

Usage

```
<ppm-adjacencies>
  <adjacency-data>
    <protocol>
      protocol
    </protocol>
    <adjacency-holdtime>
      adjacency-holdtime
    </adjacency-holdtime>
    <adjacency-interface-index>
      adjacency-interface-index
    </adjacency-interface-index>
    <adjacency-no-absorb>
      adjacency-no-absorb
    </adjacency-no-absorb>
    <adjacency-no-refresh>
      adjacency-no-refresh
    </adjacency-no-refresh>
    <adjacency-do-not-age>
      adjacency-do-not-age
    </adjacency-do-not-age>
    <adjacency-hello-dropped>
      adjacency-hello-dropped
    </adjacency-hello-dropped>
    <adjacency-distributed>
      adjacency-distributed
    </adjacency-distributed>
    <adjacency-ospf-src-key>
      adjacency-ospf-src-key
    </adjacency-ospf-src-key>
    <adjacency-ospf-area-id>
      adjacency-ospf-area-id
    </adjacency-ospf-area-id>
    <adjacency-ospf-transit-area-id>
      adjacency-ospf-transit-area-id
    </adjacency-ospf-transit-area-id>
    <adjacency-ospf-routing-table-index>
      adjacency-ospf-routing-table-index
    </adjacency-ospf-routing-table-index>
    <adjacency-isis-level>
      adjacency-isis-level
    </adjacency-isis-level>
    <adjacency-isis-sysid>
      adjacency-isis-sysid
    </adjacency-isis-sysid>
    <adjacency-esis-type>
      adjacency-esis-type
    </adjacency-esis-type>
    <adjacency-bfd-discriminator>
      adjacency-bfd-discriminator
    </adjacency-bfd-discriminator>
```



```

<adjacency-bfd-routing-table-index>
  adjacency-bfd-routing-table-index
</adjacency-bfd-routing-table-index>
<adjacency-host>
  adjacency-host
</adjacency-host>
<redirection-data>....</redirection-data>
<adjacency-ldp-source>
  adjacency-ldp-source
</adjacency-ldp-source>
<adjacency-ldp-routing-table-index>
  adjacency-ldp-routing-table-index
</adjacency-ldp-routing-table-index>
<adjacency-stp-source-key>
  adjacency-stp-source-key
</adjacency-stp-source-key>
<adjacency-cfm-source-key>
  adjacency-cfm-source-key
</adjacency-cfm-source-key>
<adjacency-pfe-handle>
  adjacency-pfe-handle
</adjacency-pfe-handle>
<adjacency-pfe-addr>
  adjacency-pfe-addr
</adjacency-pfe-addr>
</adjacency-data>
</ppm-adjacencies>

```

Description Information about an adjacency of the PPM process

<connection-data>

Usage

```

<ppm-connections>
<connection-data>
  <protocol>
    protocol
  </protocol>
  <logical-system-id>
    logical-system-id
  </logical-system-id>
  <number-adjacencies>
    number-adjacencies
  </number-adjacencies>
  <number-transmissions>
    number-transmissions
  </number-transmissions>
</connection-data>
</ppm-connections>

```

Description Information about a connection to the PPM process

<interface-data>

Usage

```
<ppm-interfaces>
  <interface-data>
    <interface-key>
      interface-key
    </interface-key>
    <protocol>
      protocol
    </protocol>
    <interface-index>
      interface-index
    </interface-index>
    <interface-distributed>
      interface-distributed
    </interface-distributed>
    <interface-pfe-handle>
      interface-pfe-handle
    </interface-pfe-handle>
    <interface-pfe-addr>
      interface-pfe-addr
    </interface-pfe-addr>
  </interface-data>
</ppm-interfaces>
```

Description Information about a interface of the PPM process

<object-data>

Usage

```
<ppm-objects>
  <object-data>
    <protocol>
      protocol
    </protocol>
    <object-id>
      object-id
    </object-id>
    <object-key>
      object-key
    </object-key>
  </object-data>
</ppm-objects>
```

Description Information about an adjacency of the PPM process

<ppm-adjacencies>

Usage

```
<ppm-adjacencies>
  <adjacency-data>....</adjacency-data>
```

```
<total-adjacencies>
  total-adjacencies
</total-adjacencies>
<remote-adjacencies>
  remote-adjacencies
</remote-adjacencies>
</ppm-adjacencies>
```

Description Information about one or more adjacencies of the periodic packet management process

<ppm-connections>

Usage

```
<ppm-connections>
<connection-data>....</connection-data>
<total-connections>
  total-connections
</total-connections>
<remote-connections>
  remote-connections
</remote-connections>
</ppm-connections>
```

Description Information about one or more connections to the periodic packet management process

<ppm-interfaces>

Usage

```
<ppm-interfaces>
<interface-data>....</interface-data>
<total-interfaces>
  total-interfaces
</total-interfaces>
<remote-interfaces>
  remote-interfaces
</remote-interfaces>
</ppm-interfaces>
```

Description Information about one or more interfaces of the periodic packet management process

<ppm-objects>

Usage

```
<ppm-objects>
<object-data>....</object-data>
<total-objects>
  total-objects
</total-objects>
<remote-objects>
  remote-objects
</remote-objects>
```

</ppm-objects>

Description Information about one or more opaque objects of the periodic packetmanagement process

<ppm-transmissions>

Usage

```
<ppm-transmissions>
<transmission-data>....</transmission-data>
<total-transmissions>
  total-transmissions
</total-transmissions>
<remote-transmissions>
  remote-transmissions
</remote-transmissions>
</ppm-transmissions>
```

Description Information about one or more transmissions of the periodic packet management process

<ppmd-rules>

Usage

```
<ppmd-rules>
<rule-data>....</rule-data>
<total-rules>
  total-rules
</total-rules>
</ppmd-rules>
```

Description Information about one or more rules of the periodic packet management process

<redirection-data>

Usage

```
<ppm-adjacencies>
<adjacency-data>
  <redirection-data>
    <redirection-type>
      redirection-type
    </redirection-type>
    <redirection-rule-type>
      redirection-rule-type
    </redirection-rule-type>
    <redirection-rule-term-src>
      redirection-rule-term-src
    </redirection-rule-term-src>
    <redirection-rule-term-port>
      redirection-rule-term-port
    </redirection-rule-term-port>
    <redirection-rule-term-action>
```

```

        redirection-rule-term-action
      </redirection-rule-term-action>
    </redirection-data>
  </adjacency-data>
</ppm-adjacencies>

```

Description Information about a PPMD Adjacency Host

<rule-data>

Usage

```

<ppmd-rules>
  <rule-data>
    <rule-key-source>
      rule-key-source
    </rule-key-source>
    <rule-key-port>
      rule-key-port
    </rule-key-port>
    <rule-nexthop>
      rule-nexthop
    </rule-nexthop>
    <rule-program>
      rule-program
    </rule-program>
  </rule-data>
</ppmd-rules>

```

Description Information about a rule of the PPM process

<transmission-data>

Usage

```

<ppm-transmissions>
  <transmission-data>
    <transmission-destination>
      transmission-destination
    </transmission-destination>
    <protocol>
      protocol
    </protocol>
    <transmission-interval>
      transmission-interval
    </transmission-interval>
    <transmission-host>
      transmission-host
    </transmission-host>
    <transmission-distributed>
      transmission-distributed
    </transmission-distributed>
    <transmission-pfe-handle>
      transmission-pfe-handle
    </transmission-pfe-handle>
  </transmission-data>
</ppm-transmissions>

```

```
<transmission-pfe-addr>  
  transmission-pfe-addr  
</transmission-pfe-addr>  
</transmission-data>  
</ppm-transmissions>
```

Description Information about a transmission of the PPM process

Summary of PPP Response Tags

<assigned-address-list>

Usage

```
<ppp-address-pool-information>  
  <assigned-address-list>  
    <pool-address-assignment>....</pool-address-assignment>  
  </assigned-address-list>  
</ppp-address-pool-information>
```

Description List of addresses assigned in pool

<ipcp-address>

Usage

```
<ppp-session>  
  <ppp-session-protocol-information>  
    <ppp-negotiated-options>  
      <ipcp-address>  
        <local-address>  
          local-address  
        </local-address>  
        <remote-address>  
          remote-address  
        </remote-address>  
      </ipcp-address>  
    </ppp-negotiated-options>  
  </ppp-session-protocol-information>  
</ppp-session>
```

Description Negotiated IP address Internet Protocol Control Protocol option

<ipcp-address>

Usage

```
<ppp-interface-information>  
  <ppp-session>  
    <ppp-session-protocol-information>  
      <ppp-negotiated-options>  
        <ipcp-address>  
          <local-address>  
            local-address
```

```

        </local-address>
        <remote-address>
            remote-address
        </remote-address>
    </ipcp-address>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-interface-information>

```

Description Negotiated IP address Internet Protocol Control Protocol option

<ipcp-address>

Usage

```

<ppp-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>
        <local-address>
            local-address
        </local-address>
        <remote-address>
            remote-address
        </remote-address>
      </ipcp-address>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-summary-information>

```

Description Negotiated IP address Internet Protocol Control Protocol option

<ipcp-address>

Usage

```

<ppp-subscriber-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>
        <local-address>
            local-address
        </local-address>
        <remote-address>
            remote-address
        </remote-address>
      </ipcp-address>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>

```

```
</ppp-subscriber-summary-information>
```

Description Negotiated IP address Internet Protocol Control Protocol option

<ipcp-address>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>
        <local-address>
          local-address
        </local-address>
        <remote-address>
          remote-address
        </remote-address>
      </ipcp-address>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Negotiated IP address Internet Protocol Control Protocol option

<ipv6cp-interface-identifier>

Usage

```
<ppp-session>
<ppp-session-protocol-information>
<ppp-negotiated-options>
  <ipv6cp-interface-identifier>
    <local-interface-identifier>
      local-interface-identifier
    </local-interface-identifier>
    <remote-interface-identifier>
      remote-interface-identifier
    </remote-interface-identifier>
  </ipv6cp-interface-identifier>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
```

Description Negotiated Internet Protocol Version 6 Control Protocol interface identifier option

<ipv6cp-interface-identifier>

Usage

```
<ppp-interface-information>
<ppp-session>
```



```

<ppp-session-protocol-information>
  <ppp-negotiated-options>
    <ipv6cp-interface-identifier>
      <local-interface-identifier>
        local-interface-identifier
      </local-interface-identifier>
      <remote-interface-identifier>
        remote-interface-identifier
      </remote-interface-identifier>
    </ipv6cp-interface-identifier>
  </ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-interface-information>

```

Description Negotiated Internet Protocol Version 6 Control Protocol interface identifier option

<ipv6cp-interface-identifier>

Usage

```

<ppp-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <ipv6cp-interface-identifier>
          <local-interface-identifier>
            local-interface-identifier
          </local-interface-identifier>
          <remote-interface-identifier>
            remote-interface-identifier
          </remote-interface-identifier>
        </ipv6cp-interface-identifier>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-summary-information>

```

Description Negotiated Internet Protocol Version 6 Control Protocol interface identifier option

<ipv6cp-interface-identifier>

Usage

```

<ppp-subscriber-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <ipv6cp-interface-identifier>
          <local-interface-identifier>
            local-interface-identifier
          </local-interface-identifier>
          <remote-interface-identifier>
            remote-interface-identifier
          </remote-interface-identifier>
        </ipv6cp-interface-identifier>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-information>

```

```
</ipv6cp-interface-identifier>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description Negotiated Internet Protocol Version 6 Control Protocol interface identifier option

<ipv6cp-interface-identifier>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipv6cp-interface-identifier>
        <local-interface-identifier>
          local-interface-identifier
        </local-interface-identifier>
        <remote-interface-identifier>
          remote-interface-identifier
        </remote-interface-identifier>
      </ipv6cp-interface-identifier>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Negotiated Internet Protocol Version 6 Control Protocol interface identifier option

<lcp-authentication-protocol>

Usage

```
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-authentication-protocol>
        <authentication-protocol-name>
          authentication-protocol-name
        </authentication-protocol-name>
        <authentication-algorithm>
          authentication-algorithm
        </authentication-algorithm>
      </lcp-authentication-protocol>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
```

Description Link Control Protocol authentication protocol option

<lcp-authentication-protocol>

Usage

```

<ppp-interface-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <lcp-authentication-protocol>
          <authentication-protocol-name>
            authentication-protocol-name
          </authentication-protocol-name>
          <authentication-algorithm>
            authentication-algorithm
          </authentication-algorithm>
        </lcp-authentication-protocol>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-interface-information>

```

Description Link Control Protocol authentication protocol option

<lcp-authentication-protocol>

Usage

```

<ppp-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <lcp-authentication-protocol>
          <authentication-protocol-name>
            authentication-protocol-name
          </authentication-protocol-name>
          <authentication-algorithm>
            authentication-algorithm
          </authentication-algorithm>
        </lcp-authentication-protocol>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-summary-information>

```

Description Link Control Protocol authentication protocol option

<lcp-authentication-protocol>

Usage

```

<ppp-subscriber-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <lcp-authentication-protocol>

```

```
<authentication-protocol-name>
  authentication-protocol-name
</authentication-protocol-name>
<authentication-algorithm>
  authentication-algorithm
</authentication-algorithm>
</lcp-authentication-protocol>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description Link Control Protocol authentication protocol option

<lcp-authentication-protocol>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-authentication-protocol>
        <authentication-protocol-name>
          authentication-protocol-name
        </authentication-protocol-name>
        <authentication-algorithm>
          authentication-algorithm
        </authentication-algorithm>
      </lcp-authentication-protocol>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Link Control Protocol authentication protocol option

<lcp-endpoint-discriminator>

Usage

```
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-endpoint-discriminator>
        <endpoint-discriminator-class>
          endpoint-discriminator-class
        </endpoint-discriminator-class>
        <endpoint-discriminator-identifier>
          endpoint-discriminator-identifier
        </endpoint-discriminator-identifier>
      </lcp-endpoint-discriminator>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
```

</ppp-session>

Description Link Control Protocol endpoint discriminator option

<lcp-endpoint-discriminator>

Usage

```
<ppp-interface-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-endpoint-discriminator>
        <endpoint-discriminator-class>
          endpoint-discriminator-class
        </endpoint-discriminator-class>
        <endpoint-discriminator-identifier>
          endpoint-discriminator-identifier
        </endpoint-discriminator-identifier>
      </lcp-endpoint-discriminator>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-interface-information>
```

Description Link Control Protocol endpoint discriminator option

<lcp-endpoint-discriminator>

Usage

```
<ppp-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-endpoint-discriminator>
        <endpoint-discriminator-class>
          endpoint-discriminator-class
        </endpoint-discriminator-class>
        <endpoint-discriminator-identifier>
          endpoint-discriminator-identifier
        </endpoint-discriminator-identifier>
      </lcp-endpoint-discriminator>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-summary-information>
```

Description Link Control Protocol endpoint discriminator option

<lcp-endpoint-discriminator>

Usage

```
<ppp-subscriber-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-endpoint-discriminator>
        <endpoint-discriminator-class>
          endpoint-discriminator-class
        </endpoint-discriminator-class>
        <endpoint-discriminator-identifier>
          endpoint-discriminator-identifier
        </endpoint-discriminator-identifier>
      </lcp-endpoint-discriminator>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description Link Control Protocol endpoint discriminator option

<lcp-endpoint-discriminator>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-endpoint-discriminator>
        <endpoint-discriminator-class>
          endpoint-discriminator-class
        </endpoint-discriminator-class>
        <endpoint-discriminator-identifier>
          endpoint-discriminator-identifier
        </endpoint-discriminator-identifier>
      </lcp-endpoint-discriminator>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Link Control Protocol endpoint discriminator option

<lcp-multilink-header>

Usage

```
<ppp-session>
<ppp-session-protocol-information>
  <ppp-negotiated-options>
    <lcp-multilink-header>
      <multilink-header-code>
```

```

        multilink-header-code
      </multilink-header-code>
    <multilink-header-suspendable-classes>
      multilink-header-suspendable-classes
    </multilink-header-suspendable-classes>
  </lcp-multilink-header>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>

```

Description Link Control Protocol multilink header format option

<lcp-multilink-header>

Usage

```

<ppp-interface-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <lcp-multilink-header>
          <multilink-header-code>
            multilink-header-code
          </multilink-header-code>
          <multilink-header-suspendable-classes>
            multilink-header-suspendable-classes
          </multilink-header-suspendable-classes>
        </lcp-multilink-header>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-interface-information>

```

Description Link Control Protocol multilink header format option

<lcp-multilink-header>

Usage

```

<ppp-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <lcp-multilink-header>
          <multilink-header-code>
            multilink-header-code
          </multilink-header-code>
          <multilink-header-suspendable-classes>
            multilink-header-suspendable-classes
          </multilink-header-suspendable-classes>
        </lcp-multilink-header>
      </ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>

```

```
</ppp-summary-information>
```

Description Link Control Protocol multilink header format option

<lcp-multilink-header>

Usage

```
<ppp-subscriber-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-multilink-header>
        <multilink-header-code>
          multilink-header-code
        </multilink-header-code>
        <multilink-header-suspendable-classes>
          multilink-header-suspendable-classes
        </multilink-header-suspendable-classes>
      </lcp-multilink-header>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description Link Control Protocol multilink header format option

<lcp-multilink-header>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <lcp-multilink-header>
        <multilink-header-code>
          multilink-header-code
        </multilink-header-code>
        <multilink-header-suspendable-classes>
          multilink-header-suspendable-classes
        </multilink-header-suspendable-classes>
      </lcp-multilink-header>
    </ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Link Control Protocol multilink header format option

<pool-address-assignment>

Usage

```
<pool-address-assignment>
  <pool-address>
    pool-address
  </pool-address>
  <session-name>
    session-name
  </session-name>
  <pool-address-blocked>
    pool-address-blocked
  </pool-address-blocked>
</pool-address-assignment>
```

Description Assignment information for one address in the pool

<pool-address-assignment>

Usage

```
<ppp-address-pool-information>
  <assigned-address-list>
    <pool-address-assignment>
      <pool-address>
        pool-address
      </pool-address>
      <session-name>
        session-name
      </session-name>
      <pool-address-blocked>
        pool-address-blocked
      </pool-address-blocked>
    </pool-address-assignment>
  </assigned-address-list>
</ppp-address-pool-information>
```

Description Assignment information for one address in the pool

<pool-address-list>

Usage

```
<ppp-address-pool-information>
  <pool-address-list>
    <pool-address>
      pool-address
    </pool-address>
  </pool-address-list>
</ppp-address-pool-information>
```

Description List of addresses in pool

<pool-range>

Usage

```
<ppp-address-pool-information>
  <pool-range>
    <low-address>
      low-address
    </low-address>
    <high-address>
      high-address
    </high-address>
  </pool-range>
</ppp-address-pool-information>
```

Description Range of addresses in pool

<ppp-address-pool-information>

Usage

```
<ppp-address-pool-information>
  <pool-name>
    pool-name
  </pool-name>
  <assigned-addresses>
    assigned-addresses
  </assigned-addresses>
  <configured-addresses>
    configured-addresses
  </configured-addresses>
  <pool-range>....</pool-range>
  <pool-address-list>....</pool-address-list>
  <assigned-address-list>....</assigned-address-list>
</ppp-address-pool-information>
```

Description PPP address pool information

<ppp-auth-protocol-information>

Usage

```
<ppp-session>
  <ppp-auth-protocol-information>
    <ppp-state>
      ppp-state
    </ppp-state>
    <ppp-last-started>
      ppp-last-started
    </ppp-last-started>
    <ppp-last-completed>
      ppp-last-completed
    </ppp-last-completed>
    <ppp-auth-proto>
      ppp-auth-proto
```

```

    </ppp-auth-proto>
  </ppp-auth-protocol-information>
</ppp-session>

```

Description Authentication protocol information for PPP session

<ppp-auth-protocol-information>

Usage

```

<ppp-interface-information>
  <ppp-session>
    <ppp-auth-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-auth-proto>
        ppp-auth-proto
      </ppp-auth-proto>
    </ppp-auth-protocol-information>
  </ppp-session>
</ppp-interface-information>

```

Description Authentication protocol information for PPP session

<ppp-auth-protocol-information>

Usage

```

<ppp-summary-information>
  <ppp-session>
    <ppp-auth-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-auth-proto>
        ppp-auth-proto
      </ppp-auth-proto>
    </ppp-auth-protocol-information>
  </ppp-session>
</ppp-summary-information>

```

Description Authentication protocol information for PPP session

<ppp-auth-protocol-information>

Usage

```
<ppp-subscriber-summary-information>
  <ppp-session>
    <ppp-auth-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-auth-proto>
        ppp-auth-proto
      </ppp-auth-proto>
    </ppp-auth-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-information>
```

Description Authentication protocol information for PPP session

<ppp-auth-protocol-information>

Usage

```
<ppp-subscriber-summary-noheader-information>
  <ppp-session>
    <ppp-auth-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-auth-proto>
        ppp-auth-proto
      </ppp-auth-proto>
    </ppp-auth-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Authentication protocol information for PPP session

<ppp-destination-profile>**Usage**

```
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-destination-profile>
      <pool-name>
        pool-name
      </pool-name>
    </ppp-destination-profile>
  </ppp-session-protocol-information>
</ppp-session>
```

Description Destination profile information

<ppp-destination-profile>**Usage**

```
<ppp-interface-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-destination-profile>
        <pool-name>
          pool-name
        </pool-name>
      </ppp-destination-profile>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-interface-information>
```

Description Destination profile information

<ppp-destination-profile>**Usage**

```
<ppp-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-destination-profile>
        <pool-name>
          pool-name
        </pool-name>
      </ppp-destination-profile>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-summary-information>
```

Description Destination profile information

<ppp-destination-profile>

Usage

```
<ppp-subscriber-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-destination-profile>
        <pool-name>
          pool-name
        </pool-name>
      </ppp-destination-profile>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-information>
```

Description Destination profile information

<ppp-destination-profile>

Usage

```
<ppp-subscriber-summary-noheader-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-destination-profile>
        <pool-name>
          pool-name
        </pool-name>
      </ppp-destination-profile>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description Destination profile information

<ppp-interface-information>

Usage

```
<ppp-interface-information>
  <interface-name>
    interface-name
  </interface-name>
  <ppp-session>....</ppp-session>
</ppp-interface-information>
```

Description PPP interface information

<ppp-memory-statistics>

Usage

```
<ppp-statistics-information>
  <ppp-memory-statistics>
```

```

    <ppp-memory-tag>....</ppp-memory-tag>
  </ppp-memory-statistics>
</ppp-statistics-information>

```

Description PPP process memory statistics

<ppp-memory-tag>

Usage

```

<ppp-statistics-information>
  <ppp-memory-statistics>
    <ppp-memory-tag>
      <ppp-memory-tag-name>
        ppp-memory-tag-name
      </ppp-memory-tag-name>
      <ppp-memory-tag-size>
        ppp-memory-tag-size
      </ppp-memory-tag-size>
      <ppp-memory-tag-active>
        ppp-memory-tag-active
      </ppp-memory-tag-active>
      <ppp-memory-tag-free>
        ppp-memory-tag-free
      </ppp-memory-tag-free>
      <ppp-memory-tag-maximum-free>
        ppp-memory-tag-maximum-free
      </ppp-memory-tag-maximum-free>
      <ppp-memory-tag-requests>
        ppp-memory-tag-requests
      </ppp-memory-tag-requests>
      <ppp-memory-tag-failures>
        ppp-memory-tag-failures
      </ppp-memory-tag-failures>
      <ppp-memory-tag-total>
        ppp-memory-tag-total
      </ppp-memory-tag-total>
    </ppp-memory-tag>
  </ppp-memory-statistics>
</ppp-statistics-information>

```

Description Tag associated with memory blocks

<ppp-negotiated-options>

Usage

```

<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>....</ipcp-address>
      <ipcp-compression-protocol>
        ipcp-compression-protocol
      </ipcp-compression-protocol>
      <ipcp-primary-dns>

```

```
    ipcp-primary-dns
  </ipcp-primary-dns>
  <ipcp-primary-wins>
    ipcp-primary-wins
  </ipcp-primary-wins>
  <ipcp-secondary-dns>
    ipcp-secondary-dns
  </ipcp-secondary-dns>
  <ipcp-secondary-wins>
    ipcp-secondary-wins
  </ipcp-secondary-wins>
  <ipv6cp-interface-identifier>....</ipv6cp-interface-identifier>
  <bcp-mac-support>
    bcp-mac-support
  </bcp-mac-support>
  <bcp-tagged-frame>
    bcp-tagged-frame
  </bcp-tagged-frame>
  <lcp-address-compression-field-compression>
    lcp-address-compression-field-compression
  </lcp-address-compression-field-compression>
  <lcp-async-map>
    lcp-async-map
  </lcp-async-map>
  <lcp-authentication-protocol>....</lcp-authentication-protocol>
  <lcp-endpoint-discriminator>....</lcp-endpoint-discriminator>
  <lcp-magic-number>
    lcp-magic-number
  </lcp-magic-number>
  <lcp-mrru>
    lcp-mrru
  </lcp-mrru>
  <lcp-mru>
    lcp-mru
  </lcp-mru>
  <lcp-multilink-header>....</lcp-multilink-header>
  <lcp-protocol-field-compression>
    lcp-protocol-field-compression
  </lcp-protocol-field-compression>
  <lcp-short-sequence>
    lcp-short-sequence
  </lcp-short-sequence>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
```

Description PPP options negotiated with the remote peer

<ppp-negotiated-options>

Usage

```
<ppp-interface-information>
<ppp-session>
  <ppp-session-protocol-information>
```



```

<ppp-negotiated-options>
  <ipcp-address>....</ipcp-address>
  <ipcp-compression-protocol>
    ipcp-compression-protocol
  </ipcp-compression-protocol>
  <ipcp-primary-dns>
    ipcp-primary-dns
  </ipcp-primary-dns>
  <ipcp-primary-wins>
    ipcp-primary-wins
  </ipcp-primary-wins>
  <ipcp-secondary-dns>
    ipcp-secondary-dns
  </ipcp-secondary-dns>
  <ipcp-secondary-wins>
    ipcp-secondary-wins
  </ipcp-secondary-wins>
  <ipv6cp-interface-identifier>....</ipv6cp-interface-identifier>
  <bcp-mac-support>
    bcp-mac-support
  </bcp-mac-support>
  <bcp-tagged-frame>
    bcp-tagged-frame
  </bcp-tagged-frame>
  <lcp-address-compression-field-compression>
    lcp-address-compression-field-compression
  </lcp-address-compression-field-compression>
  <lcp-async-map>
    lcp-async-map
  </lcp-async-map>
  <lcp-authentication-protocol>....</lcp-authentication-protocol>
  <lcp-endpoint-discriminator>....</lcp-endpoint-discriminator>
  <lcp-magic-number>
    lcp-magic-number
  </lcp-magic-number>
  <lcp-mrru>
    lcp-mrru
  </lcp-mrru>
  <lcp-mru>
    lcp-mru
  </lcp-mru>
  <lcp-multilink-header>....</lcp-multilink-header>
  <lcp-protocol-field-compression>
    lcp-protocol-field-compression
  </lcp-protocol-field-compression>
  <lcp-short-sequence>
    lcp-short-sequence
  </lcp-short-sequence>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-interface-information>

```

Description PPP options negotiated with the remote peer

<ppp-negotiated-options>

Usage

```
<ppp-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>....</ipcp-address>
      <ipcp-compression-protocol>
        ipcp-compression-protocol
      </ipcp-compression-protocol>
      <ipcp-primary-dns>
        ipcp-primary-dns
      </ipcp-primary-dns>
      <ipcp-primary-wins>
        ipcp-primary-wins
      </ipcp-primary-wins>
      <ipcp-secondary-dns>
        ipcp-secondary-dns
      </ipcp-secondary-dns>
      <ipcp-secondary-wins>
        ipcp-secondary-wins
      </ipcp-secondary-wins>
      <ipv6cp-interface-identifier>....</ipv6cp-interface-identifier>
      <bcp-mac-support>
        bcp-mac-support
      </bcp-mac-support>
      <bcp-tagged-frame>
        bcp-tagged-frame
      </bcp-tagged-frame>
      <lcp-address-compression-field-compression>
        lcp-address-compression-field-compression
      </lcp-address-compression-field-compression>
      <lcp-async-map>
        lcp-async-map
      </lcp-async-map>
      <lcp-authentication-protocol>....</lcp-authentication-protocol>
      <lcp-endpoint-discriminator>....</lcp-endpoint-discriminator>
      <lcp-magic-number>
        lcp-magic-number
      </lcp-magic-number>
      <lcp-mrru>
        lcp-mrru
      </lcp-mrru>
      <lcp-mru>
        lcp-mru
      </lcp-mru>
      <lcp-multilink-header>....</lcp-multilink-header>
      <lcp-protocol-field-compression>
        lcp-protocol-field-compression
      </lcp-protocol-field-compression>
      <lcp-short-sequence>
        lcp-short-sequence
      </lcp-short-sequence>
    </ppp-negotiated-options>
```

```

    </ppp-session-protocol-information>
  </ppp-session>
</ppp-summary-information>

```

Description PPP options negotiated with the remote peer

<ppp-negotiated-options>

Usage

```

<ppp-subscriber-summary-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-negotiated-options>
        <ipcp-address>....</ipcp-address>
        <ipcp-compression-protocol>
          ipcp-compression-protocol
        </ipcp-compression-protocol>
        <ipcp-primary-dns>
          ipcp-primary-dns
        </ipcp-primary-dns>
        <ipcp-primary-wins>
          ipcp-primary-wins
        </ipcp-primary-wins>
        <ipcp-secondary-dns>
          ipcp-secondary-dns
        </ipcp-secondary-dns>
        <ipcp-secondary-wins>
          ipcp-secondary-wins
        </ipcp-secondary-wins>
        <ipv6cp-interface-identifier>....</ipv6cp-interface-identifier>
        <bcp-mac-support>
          bcp-mac-support
        </bcp-mac-support>
        <bcp-tagged-frame>
          bcp-tagged-frame
        </bcp-tagged-frame>
        <lcp-address-compression-field-compression>
          lcp-address-compression-field-compression
        </lcp-address-compression-field-compression>
        <lcp-async-map>
          lcp-async-map
        </lcp-async-map>
        <lcp-authentication-protocol>....</lcp-authentication-protocol>
        <lcp-endpoint-discriminator>....</lcp-endpoint-discriminator>
        <lcp-magic-number>
          lcp-magic-number
        </lcp-magic-number>
        <lcp-mrru>
          lcp-mrru
        </lcp-mrru>
        <lcp-mru>
          lcp-mru
        </lcp-mru>
        <lcp-multilink-header>....</lcp-multilink-header>
      
```

```
<lcp-protocol-field-compression>
  lcp-protocol-field-compression
</lcp-protocol-field-compression>
<lcp-short-sequence>
  lcp-short-sequence
</lcp-short-sequence>
</ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description PPP options negotiated with the remote peer

<ppp-negotiated-options>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-negotiated-options>
      <ipcp-address>....</ipcp-address>
      <ipcp-compression-protocol>
        ipcp-compression-protocol
      </ipcp-compression-protocol>
      <ipcp-primary-dns>
        ipcp-primary-dns
      </ipcp-primary-dns>
      <ipcp-primary-wins>
        ipcp-primary-wins
      </ipcp-primary-wins>
      <ipcp-secondary-dns>
        ipcp-secondary-dns
      </ipcp-secondary-dns>
      <ipcp-secondary-wins>
        ipcp-secondary-wins
      </ipcp-secondary-wins>
      <ipv6cp-interface-identifier>....</ipv6cp-interface-identifier>
      <bcp-mac-support>
        bcp-mac-support
      </bcp-mac-support>
      <bcp-tagged-frame>
        bcp-tagged-frame
      </bcp-tagged-frame>
      <lcp-address-compression-field-compression>
        lcp-address-compression-field-compression
      </lcp-address-compression-field-compression>
      <lcp-async-map>
        lcp-async-map
      </lcp-async-map>
      <lcp-authentication-protocol>....</lcp-authentication-protocol>
      <lcp-endpoint-discriminator>....</lcp-endpoint-discriminator>
      <lcp-magic-number>
        lcp-magic-number
      </lcp-magic-number>
```

```

    <lcp-mrru>
      lcp-mrru
    </lcp-mrru>
    <lcp-mru>
      lcp-mru
    </lcp-mru>
    <lcp-multilink-header>....</lcp-multilink-header>
    <lcp-protocol-field-compression>
      lcp-protocol-field-compression
    </lcp-protocol-field-compression>
    <lcp-short-sequence>
      lcp-short-sequence
    </lcp-short-sequence>
  </ppp-negotiated-options>
</ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-noheader-information>

```

Description PPP options negotiated with the remote peer

<ppp-session>

Usage

```

<ppp-session>
  <session-name>
    session-name
  </session-name>
  <session-type>
    session-type
  </session-type>
  <session-phase>
    session-phase
  </session-phase>
  <session-flags>....</session-flags>
  <ppp-last-started>
    ppp-last-started
  </ppp-last-started>
  <ppp-last-completed>
    ppp-last-completed
  </ppp-last-completed>
  <ppp-auth-protocol-information>....</ppp-auth-protocol-information>
  <ppp-session-protocol-information>....</ppp-session-protocol-information>
</ppp-session>

```

Description PPP session

<ppp-session>

Usage

```

<ppp-interface-information>
  <ppp-session>
    <session-name>
      session-name
    
```

```
</session-name>
<session-type>
  session-type
</session-type>
<session-phase>
  session-phase
</session-phase>
<session-flags>....</session-flags>
<ppp-last-started>
  ppp-last-started
</ppp-last-started>
<ppp-last-completed>
  ppp-last-completed
</ppp-last-completed>
<ppp-auth-protocol-information>....</ppp-auth-protocol-information>
<ppp-session-protocol-information>....</ppp-session-protocol-information>
</ppp-session>
</ppp-interface-information>
```

Description PPP session

<ppp-session>

Usage

```
<ppp-summary-information>
<ppp-session>
  <session-name>
    session-name
  </session-name>
  <session-type>
    session-type
  </session-type>
  <session-phase>
    session-phase
  </session-phase>
  <session-flags>....</session-flags>
  <ppp-last-started>
    ppp-last-started
  </ppp-last-started>
  <ppp-last-completed>
    ppp-last-completed
  </ppp-last-completed>
  <ppp-auth-protocol-information>....</ppp-auth-protocol-information>
  <ppp-session-protocol-information>....</ppp-session-protocol-information>
</ppp-session>
</ppp-summary-information>
```

Description PPP session

<ppp-session>

Usage

```
<ppp-subscriber-summary-information>
```

```

<ppp-session>
  <session-name>
    session-name
  </session-name>
  <session-type>
    session-type
  </session-type>
  <session-phase>
    session-phase
  </session-phase>
  <session-flags>....</session-flags>
  <ppp-last-started>
    ppp-last-started
  </ppp-last-started>
  <ppp-last-completed>
    ppp-last-completed
  </ppp-last-completed>
  <ppp-auth-protocol-information>....</ppp-auth-protocol-information>
  <ppp-session-protocol-information>....</ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>

```

Description PPP session

<ppp-session>

Usage

```

<ppp-subscriber-summary-noheader-information>
  <ppp-session>
    <session-name>
      session-name
    </session-name>
    <session-type>
      session-type
    </session-type>
    <session-phase>
      session-phase
    </session-phase>
    <session-flags>....</session-flags>
    <ppp-last-started>
      ppp-last-started
    </ppp-last-started>
    <ppp-last-completed>
      ppp-last-completed
    </ppp-last-completed>
    <ppp-auth-protocol-information>....</ppp-auth-protocol-information>
    <ppp-session-protocol-information>....</ppp-session-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-noheader-information>

```

Description PPP session

<ppp-session-protocol-information>

Usage

```
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-state>
      ppp-state
    </ppp-state>
    <ppp-last-started>
      ppp-last-started
    </ppp-last-started>
    <ppp-last-completed>
      ppp-last-completed
    </ppp-last-completed>
    <ppp-protocol>
      ppp-protocol
    </ppp-protocol>
    <ppp-destination-profile>....</ppp-destination-profile>
    <ppp-negotiated-options>....</ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
```

Description LCP/NCP protocol information for PPP session

<ppp-session-protocol-information>

Usage

```
<ppp-interface-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-protocol>
        ppp-protocol
      </ppp-protocol>
      <ppp-destination-profile>....</ppp-destination-profile>
      <ppp-negotiated-options>....</ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-interface-information>
```

Description LCP/NCP protocol information for PPP session

<ppp-session-protocol-information>**Usage**

```

<ppp-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-state>
      ppp-state
    </ppp-state>
    <ppp-last-started>
      ppp-last-started
    </ppp-last-started>
    <ppp-last-completed>
      ppp-last-completed
    </ppp-last-completed>
    <ppp-protocol>
      ppp-protocol
    </ppp-protocol>
    <ppp-destination-profile>....</ppp-destination-profile>
    <ppp-negotiated-options>....</ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-summary-information>

```

Description LCP/NCP protocol information for PPP session

<ppp-session-protocol-information>**Usage**

```

<ppp-subscriber-summary-information>
<ppp-session>
  <ppp-session-protocol-information>
    <ppp-state>
      ppp-state
    </ppp-state>
    <ppp-last-started>
      ppp-last-started
    </ppp-last-started>
    <ppp-last-completed>
      ppp-last-completed
    </ppp-last-completed>
    <ppp-protocol>
      ppp-protocol
    </ppp-protocol>
    <ppp-destination-profile>....</ppp-destination-profile>
    <ppp-negotiated-options>....</ppp-negotiated-options>
  </ppp-session-protocol-information>
</ppp-session>
</ppp-subscriber-summary-information>

```

Description LCP/NCP protocol information for PPP session

<ppp-session-protocol-information>

Usage

```
<ppp-subscriber-summary-noheader-information>
  <ppp-session>
    <ppp-session-protocol-information>
      <ppp-state>
        ppp-state
      </ppp-state>
      <ppp-last-started>
        ppp-last-started
      </ppp-last-started>
      <ppp-last-completed>
        ppp-last-completed
      </ppp-last-completed>
      <ppp-protocol>
        ppp-protocol
      </ppp-protocol>
      <ppp-destination-profile>....</ppp-destination-profile>
      <ppp-negotiated-options>....</ppp-negotiated-options>
    </ppp-session-protocol-information>
  </ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description LCP/NCP protocol information for PPP session

<ppp-session-statistics>

Usage

```
<ppp-statistics-information>
  <ppp-session-statistics>
    <sessions-total>
      sessions-total
    </sessions-total>
    <sessions-ppp>
      sessions-ppp
    </sessions-ppp>
    <sessions-ciscohdlc>
      sessions-ciscohdlc
    </sessions-ciscohdlc>
    <sessions-disabled>
      sessions-disabled
    </sessions-disabled>
    <sessions-establish>
      sessions-establish
    </sessions-establish>
    <sessions-authenticate>
      sessions-authenticate
    </sessions-authenticate>
    <sessions-network>
      sessions-network
    </sessions-network>
    <bundles-pending>
      bundles-pending
  </ppp-session-statistics>
</ppp-statistics-information>
```

```

    </bundles-pending>
  </ppp-session-statistics>
</ppp-statistics-information>

```

Description PPP session statistics

<ppp-statistics-information>

Usage

```

<ppp-statistics-information>
  <ppp-session-statistics>....</ppp-session-statistics>
  <ppp-memory-statistics>....</ppp-memory-statistics>
  <ppp-subscriber-statistics>....</ppp-subscriber-statistics>
</ppp-statistics-information>

```

Description PPP statistics

<ppp-subscriber-memory-pool>

Usage

```

<ppp-statistics-information>
  <ppp-subscriber-statistics>
    <ppp-subscriber-memory-statistics>
      <ppp-subscriber-memory-pool>
        <ppp-subscriber-memory-pool-name>
          ppp-subscriber-memory-pool-name
        </ppp-subscriber-memory-pool-name>
        <ppp-subscriber-memory-pool-entry-size>
          ppp-subscriber-memory-pool-entry-size
        </ppp-subscriber-memory-pool-entry-size>
        <ppp-subscriber-memory-pool-entries>
          ppp-subscriber-memory-pool-entries
        </ppp-subscriber-memory-pool-entries>
        <ppp-subscriber-memory-pool-free>
          ppp-subscriber-memory-pool-free
        </ppp-subscriber-memory-pool-free>
        <ppp-subscriber-memory-pool-maximum-free>
          ppp-subscriber-memory-pool-maximum-free
        </ppp-subscriber-memory-pool-maximum-free>
        <ppp-subscriber-memory-pool-requests>
          ppp-subscriber-memory-pool-requests
        </ppp-subscriber-memory-pool-requests>
        <ppp-subscriber-memory-pool-failures>
          ppp-subscriber-memory-pool-failures
        </ppp-subscriber-memory-pool-failures>
        <ppp-subscriber-memory-pool-total>
          ppp-subscriber-memory-pool-total
        </ppp-subscriber-memory-pool-total>
      </ppp-subscriber-memory-pool>
    </ppp-subscriber-memory-statistics>
  </ppp-subscriber-statistics>
</ppp-statistics-information>

```

Description Tag associated with memory blocks

<ppp-subscriber-memory-statistics>

Usage

```
<ppp-statistics-information>
  <ppp-subscriber-statistics>
    <ppp-subscriber-memory-statistics>
      <ppp-subscriber-memory-pool>....</ppp-subscriber-memory-pool>
    </ppp-subscriber-memory-statistics>
  </ppp-subscriber-statistics>
</ppp-statistics-information>
```

Description PPP universal edge process memory statistics

<ppp-subscriber-session-statistics>

Usage

```
<ppp-statistics-information>
  <ppp-subscriber-statistics>
    <ppp-subscriber-session-statistics>
      <subscriber-sessions-total>
        subscriber-sessions-total
      </subscriber-sessions-total>
      <subscriber-sessions-disabled>
        subscriber-sessions-disabled
      </subscriber-sessions-disabled>
      <subscriber-sessions-establish>
        subscriber-sessions-establish
      </subscriber-sessions-establish>
      <subscriber-sessions-authenticate>
        subscriber-sessions-authenticate
      </subscriber-sessions-authenticate>
      <subscriber-sessions-network>
        subscriber-sessions-network
      </subscriber-sessions-network>
    </ppp-subscriber-session-statistics>
  </ppp-subscriber-statistics>
</ppp-statistics-information>
```

Description PPP subscriber session statistics

<ppp-subscriber-statistics>

Usage

```
<ppp-statistics-information>
  <ppp-subscriber-statistics>
    <ppp-subscriber-session-statistics>....</ppp-subscriber-session-statistics>
    <ppp-subscriber-memory-statistics>....</ppp-subscriber-memory-statistics>
  </ppp-subscriber-statistics>
</ppp-statistics-information>
```

Description PPP subscriber statistics

<ppp-subscriber-summary-information>

Usage

```
<ppp-subscriber-summary-information>
  <ppp-session>....</ppp-session>
</ppp-subscriber-summary-information>
```

Description PPP summary information

<ppp-subscriber-summary-noheader-information>

Usage

```
<ppp-subscriber-summary-noheader-information>
  <ppp-session>....</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description PPP summary information

<ppp-summary-information>

Usage

```
<ppp-summary-information>
  <ppp-session>....</ppp-session>
</ppp-summary-information>
```

Description PPP summary information

<session-flags>

Usage

```
<session-flags>
  <session-bundled>
    session-bundled
  </session-bundled>
  <session-ncp-only>
    session-ncp-only
  </session-ncp-only>
  <session-always-up>
    session-always-up
  </session-always-up>
  <session-tcc>
    session-tcc
  </session-tcc>
  <session-looped>
    session-looped
  </session-looped>
  <session-monitored>
    session-monitored
  </session-monitored>
```

</session-flags>

Description PPP session flags

<session-flags>

Usage

```
<ppp-session>
  <session-flags>
    <session-bundled>
      session-bundled
    </session-bundled>
    <session-ncp-only>
      session-ncp-only
    </session-ncp-only>
    <session-always-up>
      session-always-up
    </session-always-up>
    <session-tcc>
      session-tcc
    </session-tcc>
    <session-looped>
      session-looped
    </session-looped>
    <session-monitored>
      session-monitored
    </session-monitored>
  </session-flags>
</ppp-session>
```

Description PPP session flags

<session-flags>

Usage

```
<ppp-interface-information>
  <ppp-session>
    <session-flags>
      <session-bundled>
        session-bundled
      </session-bundled>
      <session-ncp-only>
        session-ncp-only
      </session-ncp-only>
      <session-always-up>
        session-always-up
      </session-always-up>
      <session-tcc>
        session-tcc
      </session-tcc>
      <session-looped>
        session-looped
      </session-looped>
```

```

    <session-monitored>
      session-monitored
    </session-monitored>
  </session-flags>
</ppp-session>
</ppp-interface-information>

```

Description PPP session flags

<session-flags>

Usage

```

<ppp-summary-information>
<ppp-session>
  <session-flags>
    <session-bundled>
      session-bundled
    </session-bundled>
    <session-ncp-only>
      session-ncp-only
    </session-ncp-only>
    <session-always-up>
      session-always-up
    </session-always-up>
    <session-tcc>
      session-tcc
    </session-tcc>
    <session-looped>
      session-looped
    </session-looped>
    <session-monitored>
      session-monitored
    </session-monitored>
  </session-flags>
</ppp-session>
</ppp-summary-information>

```

Description PPP session flags

<session-flags>

Usage

```

<ppp-subscriber-summary-information>
<ppp-session>
  <session-flags>
    <session-bundled>
      session-bundled
    </session-bundled>
    <session-ncp-only>
      session-ncp-only
    </session-ncp-only>
    <session-always-up>
      session-always-up

```

```
</session-always-up>
<session-tcc>
  session-tcc
</session-tcc>
<session-looped>
  session-looped
</session-looped>
<session-monitored>
  session-monitored
</session-monitored>
</session-flags>
</ppp-session>
</ppp-subscriber-summary-information>
```

Description PPP session flags

<session-flags>

Usage

```
<ppp-subscriber-summary-noheader-information>
<ppp-session>
  <session-flags>
    <session-bundled>
      session-bundled
    </session-bundled>
    <session-ncp-only>
      session-ncp-only
    </session-ncp-only>
    <session-always-up>
      session-always-up
    </session-always-up>
    <session-tcc>
      session-tcc
    </session-tcc>
    <session-looped>
      session-looped
    </session-looped>
    <session-monitored>
      session-monitored
    </session-monitored>
  </session-flags>
</ppp-session>
</ppp-subscriber-summary-noheader-information>
```

Description PPP session flags

Summary of PPP over Ethernet Response Tags

<padq>

Usage

```
<pppoe-padq-received>
```



```

<padq>
  <current-bandwidth>
    current-bandwidth
  </current-bandwidth>
  <max-bandwidth>
    max-bandwidth
  </max-bandwidth>
  <quality>
    quality
  </quality>
  <resources>
    resources
  </resources>
  <latency>
    latency
  </latency>
</padq>
</pppoe-padq-received>

```

Description

<pppoe-aci-ari-entry>

Usage

```

<pppoe-aci-ari-entry>
  <agent-circuit-id>
    agent-circuit-id
  </agent-circuit-id>
  <agent-remote-id>
    agent-remote-id
  </agent-remote-id>
  <service-action>
    service-action
  </service-action>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <routing-instance>
    routing-instance
  </routing-instance>
  <static-interface>
    static-interface
  </static-interface>
</pppoe-aci-ari-entry>

```

Description

<pppoe-aci-ari-entry>

Usage

```

<pppoe-service-name>
  <pppoe-aci-ari-entry>
    <agent-circuit-id>
      agent-circuit-id

```

```
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<service-action>
  service-action
</service-action>
<dynamic-profile>
  dynamic-profile
</dynamic-profile>
<routing-instance>
  routing-instance
</routing-instance>
<static-interface>
  static-interface
</static-interface>
</pppoe-aci-ari-entry>
</pppoe-service-name>
```

Description

<pppoe-aci-ari-entry>

Usage

```
<pppoe-service-name-table-information>
<pppoe-service-name>
  <pppoe-aci-ari-entry>
    <agent-circuit-id>
      agent-circuit-id
    </agent-circuit-id>
    <agent-remote-id>
      agent-remote-id
    </agent-remote-id>
    <service-action>
      service-action
    </service-action>
    <dynamic-profile>
      dynamic-profile
    </dynamic-profile>
    <routing-instance>
      routing-instance
    </routing-instance>
    <static-interface>
      static-interface
    </static-interface>
  </pppoe-aci-ari-entry>
</pppoe-service-name>
</pppoe-service-name-table-information>
```

Description

<pppoe-counters>

Usage

```

<pppoe-counters>
  <padi-sent>
    padi-sent
  </padi-sent>
  <padi-received>
    padi-received
  </padi-received>
  <pado-sent>
    pado-sent
  </pado-sent>
  <pado-received>
    pado-received
  </pado-received>
  <padr-sent>
    padr-sent
  </padr-sent>
  <padr-received>
    padr-received
  </padr-received>
  <pads-sent>
    pads-sent
  </pads-sent>
  <pads-received>
    pads-received
  </pads-received>
  <padt-sent>
    padt-sent
  </padt-sent>
  <padt-received>
    padt-received
  </padt-received>
  <padm-sent>
    padm-sent
  </padm-sent>
  <padm-received>
    padm-received
  </padm-received>
  <padn-sent>
    padn-sent
  </padn-sent>
  <padn-received>
    padn-received
  </padn-received>
  <padg-sent>
    padg-sent
  </padg-sent>
  <padg-received>
    padg-received
  </padg-received>
  <padc-sent>
    padc-sent
  </padc-sent>

```

```
<padc-received>
  padc-received
</padc-received>
<padq-sent>
  padq-sent
</padq-sent>
<padq-received>
  padq-received
</padq-received>
<servname-err-sent>
  servname-err-sent
</servname-err-sent>
<servname-err-received>
  servname-err-received
</servname-err-received>
<acsystem-err-sent>
  acsystem-err-sent
</acsystem-err-sent>
<acsystem-err-received>
  acsystem-err-received
</acsystem-err-received>
<generic-err-sent>
  generic-err-sent
</generic-err-sent>
<generic-err-received>
  generic-err-received
</generic-err-received>
<malformed-pkt-received>
  malformed-pkt-received
</malformed-pkt-received>
<unknown-pkt-received>
  unknown-pkt-received
</unknown-pkt-received>
<padi-tmo>
  padi-tmo
</padi-tmo>
<pado-tmo>
  pado-tmo
</pado-tmo>
<padr-tmo>
  padr-tmo
</padr-tmo>
</pppoe-counters>
```

Description

<pppoe-counters>

Usage

```
<pppoe-statistics>
<pppoe-counters>
  <padi-sent>
    padi-sent
  </padi-sent>
  <padi-received>
```

```
padi-received
</padi-received>
<pado-sent>
pado-sent
</pado-sent>
<pado-received>
pado-received
</pado-received>
<padr-sent>
padr-sent
</padr-sent>
<padr-received>
padr-received
</padr-received>
<pads-sent>
pads-sent
</pads-sent>
<pads-received>
pads-received
</pads-received>
<padt-sent>
padt-sent
</padt-sent>
<padt-received>
padt-received
</padt-received>
<padm-sent>
padm-sent
</padm-sent>
<padm-received>
padm-received
</padm-received>
<padn-sent>
padn-sent
</padn-sent>
<padn-received>
padn-received
</padn-received>
<padg-sent>
padg-sent
</padg-sent>
<padg-received>
padg-received
</padg-received>
<padc-sent>
padc-sent
</padc-sent>
<padc-received>
padc-received
</padc-received>
<padq-sent>
padq-sent
</padq-sent>
<padq-received>
padq-received
</padq-received>
```

```
<servname-err-sent>
  servname-err-sent
</servname-err-sent>
<servname-err-received>
  servname-err-received
</servname-err-received>
<acsystem-err-sent>
  acsystem-err-sent
</acsystem-err-sent>
<acsystem-err-received>
  acsystem-err-received
</acsystem-err-received>
<generic-err-sent>
  generic-err-sent
</generic-err-sent>
<generic-err-received>
  generic-err-received
</generic-err-received>
<malformed-pkt-received>
  malformed-pkt-received
</malformed-pkt-received>
<unknown-pkt-received>
  unknown-pkt-received
</unknown-pkt-received>
<padi-tmo>
  padi-tmo
</padi-tmo>
<pado-tmo>
  pado-tmo
</pado-tmo>
<padr-tmo>
  padr-tmo
</padr-tmo>
</pppoe-counters>
</pppoe-statistics>
```

Description

<pppoe-counters>

Usage

```
<pppoe-statistics-information>
<pppoe-statistics>
  <pppoe-counters>
    <padi-sent>
      padi-sent
    </padi-sent>
    <padi-received>
      padi-received
    </padi-received>
    <pado-sent>
      pado-sent
    </pado-sent>
    <pado-received>
      pado-received
```

```
</pado-received>
<padr-sent>
  padr-sent
</padr-sent>
<padr-received>
  padr-received
</padr-received>
<pads-sent>
  pads-sent
</pads-sent>
<pads-received>
  pads-received
</pads-received>
<padt-sent>
  padt-sent
</padt-sent>
<padt-received>
  padt-received
</padt-received>
<padm-sent>
  padm-sent
</padm-sent>
<padm-received>
  padm-received
</padm-received>
<padn-sent>
  padn-sent
</padn-sent>
<padn-received>
  padn-received
</padn-received>
<padg-sent>
  padg-sent
</padg-sent>
<padg-received>
  padg-received
</padg-received>
<padc-sent>
  padc-sent
</padc-sent>
<padc-received>
  padc-received
</padc-received>
<padq-sent>
  padq-sent
</padq-sent>
<padq-received>
  padq-received
</padq-received>
<servname-err-sent>
  servname-err-sent
</servname-err-sent>
<servname-err-received>
  servname-err-received
</servname-err-received>
<acsystem-err-sent>
```

```
    acssystem-err-sent
  </acssystem-err-sent>
  <acssystem-err-received>
    acssystem-err-received
  </acssystem-err-received>
  <generic-err-sent>
    generic-err-sent
  </generic-err-sent>
  <generic-err-received>
    generic-err-received
  </generic-err-received>
  <malformed-pkt-received>
    malformed-pkt-received
  </malformed-pkt-received>
  <unknown-pkt-received>
    unknown-pkt-received
  </unknown-pkt-received>
  <padi-tmo>
    padi-tmo
  </padi-tmo>
  <pado-tmo>
    pado-tmo
  </pado-tmo>
  <padr-tmo>
    padr-tmo
  </padr-tmo>
</pppoe-counters>
</pppoe-statistics>
</pppoe-statistics-information>
```

Description

<pppoe-interface>

Usage

```
<pppoe-interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-index>
    interface-index
  </interface-index>
  <underlying-interface-name>
    underlying-interface-name
  </underlying-interface-name>
  <underlying-interface-index>
    underlying-interface-index
  </underlying-interface-index>
  <state>
    state
  </state>
  <ifl-type>
    ifl-type
  </ifl-type>
  <session-id>
```



```

    session-id
  </session-id>
  <ac-name-config>
    ac-name-config
  </ac-name-config>
  <ac-name-session>
    ac-name-session
  </ac-name-session>
  <service-name>
    service-name
  </service-name>
  <remote-mac>
    remote-mac
  </remote-mac>
  <auto-reconnect>
    auto-reconnect
  </auto-reconnect>
  <idle-timeout>
    idle-timeout
  </idle-timeout>
  <session-uptime>
    session-uptime
  </session-uptime>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <pppoe-credits>
    pppoe-credits
  </pppoe-credits>
  <pppoe-credit-scale-factor>
    pppoe-credit-scale-factor
  </pppoe-credit-scale-factor>
  <dynamic-interface-bandwidth>
    dynamic-interface-bandwidth
  </dynamic-interface-bandwidth>
  <agent-circuit-id>
    agent-circuit-id
  </agent-circuit-id>
  <agent-remote-id>
    agent-remote-id
  </agent-remote-id>
  <padm-motm>
    padm-motm
  </padm-motm>
  <padm-hurl>
    padm-hurl
  </padm-hurl>
  <padg-credits>
    padg-credits
  </padg-credits>
</pppoe-interface>

```

Description

<pppoe-interface>

Usage

```
<pppoe-interface-information>
  <pppoe-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-index>
      interface-index
    </interface-index>
    <underlying-interface-name>
      underlying-interface-name
    </underlying-interface-name>
    <underlying-interface-index>
      underlying-interface-index
    </underlying-interface-index>
    <state>
      state
    </state>
    <ifl-type>
      ifl-type
    </ifl-type>
    <session-id>
      session-id
    </session-id>
    <ac-name-config>
      ac-name-config
    </ac-name-config>
    <ac-name-session>
      ac-name-session
    </ac-name-session>
    <service-name>
      service-name
    </service-name>
    <remote-mac>
      remote-mac
    </remote-mac>
    <auto-reconnect>
      auto-reconnect
    </auto-reconnect>
    <idle-timeout>
      idle-timeout
    </idle-timeout>
    <session-uptime>
      session-uptime
    </session-uptime>
    <dynamic-profile>
      dynamic-profile
    </dynamic-profile>
    <pppoe-credits>
      pppoe-credits
    </pppoe-credits>
    <pppoe-credit-scale-factor>
      pppoe-credit-scale-factor
```

```

</pppoe-credit-scale-factor>
<dynamic-interface-bandwidth>
  dynamic-interface-bandwidth
</dynamic-interface-bandwidth>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<padm-motm>
  padm-motm
</padm-motm>
<padm-hurl>
  padm-hurl
</padm-hurl>
<padg-credits>
  padg-credits
</padg-credits>
</pppoe-interface>
</pppoe-interface-information>

```

Description

<pppoe-interface-information>

Usage

```

<pppoe-interface-information>
  <pppoe-interface>.....</pppoe-interface>
</pppoe-interface-information>

```

Description

<pppoe-padq-received>

Usage

```

<pppoe-padq-received>
  <padq>.....</padq>
</pppoe-padq-received>

```

Description

<pppoe-service-name>

Usage

```

<pppoe-service-name>
  <service-name>
    service-name
  </service-name>
  <service-action>
    service-action
  </service-action>
  <dynamic-profile>
    dynamic-profile

```

```
</dynamic-profile>
<routing-instance>
  routing-instance
</routing-instance>
<max-sessions>
  max-sessions
</max-sessions>
<active-sessions>
  active-sessions
</active-sessions>
<pppoe-aci-ari-entry>....</pppoe-aci-ari-entry>
</pppoe-service-name>
```

Description

<pppoe-service-name>

Usage

```
<pppoe-service-name-table-information>
<pppoe-service-name>
  <service-name>
    service-name
  </service-name>
  <service-action>
    service-action
  </service-action>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <routing-instance>
    routing-instance
  </routing-instance>
  <max-sessions>
    max-sessions
  </max-sessions>
  <active-sessions>
    active-sessions
  </active-sessions>
  <pppoe-aci-ari-entry>....</pppoe-aci-ari-entry>
</pppoe-service-name>
</pppoe-service-name-table-information>
```

Description

<pppoe-service-name-table-information>

Usage

```
<pppoe-service-name-table-information>
  <service-name-table>
    service-name-table
  </service-name-table>
  <pppoe-service-name>....</pppoe-service-name>
</pppoe-service-name-table-information>
```

Description**<pppoe-statistics>****Usage**

```
<pppoe-statistics>
  <active-sessions>
    active-sessions
  </active-sessions>
  <pppoe-counters>....</pppoe-counters>
</pppoe-statistics>
```

Description**<pppoe-statistics>****Usage**

```
<pppoe-statistics-information>
  <pppoe-statistics>
    <active-sessions>
      active-sessions
    </active-sessions>
    <pppoe-counters>....</pppoe-counters>
  </pppoe-statistics>
</pppoe-statistics-information>
```

Description**<pppoe-statistics-information>****Usage**

```
<pppoe-statistics-information>
  <pppoe-statistics>....</pppoe-statistics>
</pppoe-statistics-information>
```

Description**<pppoe-underlying-interface>****Usage**

```
<pppoe-underlying-interface>
  <underlying-interface-name>
    underlying-interface-name
  </underlying-interface-name>
  <underlying-interface-index>
    underlying-interface-index
  </underlying-interface-index>
  <state>
    state
  </state>
  <dynamic-profile>
    dynamic-profile
  </dynamic-profile>
  <max-sessions>
```

```
    max-sessions
  </max-sessions>
  <active-sessions>
    active-sessions
  </active-sessions>
  <ac-name>
    ac-name
  </ac-name>
  <service-name-table>
    service-name-table
  </service-name-table>
  <duplicate-protection>
    duplicate-protection
  </duplicate-protection>
</pppoe-underlying-interface>
```

Description

<pppoe-underlying-interface>

Usage

```
<pppoe-underlying-interface-information>
  <pppoe-underlying-interface>
    <underlying-interface-name>
      underlying-interface-name
    </underlying-interface-name>
    <underlying-interface-index>
      underlying-interface-index
    </underlying-interface-index>
    <state>
      state
    </state>
    <dynamic-profile>
      dynamic-profile
    </dynamic-profile>
    <max-sessions>
      max-sessions
    </max-sessions>
    <active-sessions>
      active-sessions
    </active-sessions>
    <ac-name>
      ac-name
    </ac-name>
    <service-name-table>
      service-name-table
    </service-name-table>
    <duplicate-protection>
      duplicate-protection
    </duplicate-protection>
  </pppoe-underlying-interface>
</pppoe-underlying-interface-information>
```

Description

<pppoe-underlying-interface-information>

Usage

```
<pppoe-underlying-interface-information>
  <pppoe-underlying-interface>....</pppoe-underlying-interface>
</pppoe-underlying-interface-information>
```

Description

<pppoe-version>

Usage

```
<pppoe-version>
  <max-sessions>
    max-sessions
  </max-sessions>
  <padi-resend-tmo>
    padi-resend-tmo
  </padi-resend-tmo>
  <padr-resend-tmo>
    padr-resend-tmo
  </padr-resend-tmo>
  <max-resend-tmo>
    max-resend-tmo
  </max-resend-tmo>
  <max-ac-tmo>
    max-ac-tmo
  </max-ac-tmo>
</pppoe-version>
```

Description

Summary of Probe Tests Response Tags

<hop>

Usage

```
<hop>
  <ttl-value>
    ttl-value
  </ttl-value>
  <percent-loss>
    percent-loss
  </percent-loss>
  <icmp-extension>
    icmp-extension
  </icmp-extension>
  <probe-result>....</probe-result>
</hop>
```

Description Traceroute results for a single hop (TTL value)

<hop>

Usage

```
<traceroute-results>
  <hop>
    <ttl-value>
      ttl-value
    </ttl-value>
    <percent-loss>
      percent-loss
    </percent-loss>
    <icmp-extension>
      icmp-extension
    </icmp-extension>
    <probe-result>....</probe-result>
  </hop>
</traceroute-results>
```

Description Traceroute results for a single hop (TTL value)

<icmp-code>

Usage

```
<icmp-code>
  <icmp-code-none>
    icmp-code-none
  </icmp-code-none>
  <icmp-unreach-net>
    icmp-unreach-net
  </icmp-unreach-net>
  <icmp-unreach-host>
    icmp-unreach-host
  </icmp-unreach-host>
  <icmp-unreach-protocol>
    icmp-unreach-protocol
  </icmp-unreach-protocol>
  <icmp-unreach-port>
    icmp-unreach-port
  </icmp-unreach-port>
  <icmp-unreach-needfrag>
    icmp-unreach-needfrag
  </icmp-unreach-needfrag>
  <icmp-unreach-srcfail>
    icmp-unreach-srcfail
  </icmp-unreach-srcfail>
  <icmp-unreach-net-unknown>
    icmp-unreach-net-unknown
  </icmp-unreach-net-unknown>
  <icmp-unreach-host-unknown>
    icmp-unreach-host-unknown
  </icmp-unreach-host-unknown>
  <icmp-unreach-isolated>
    icmp-unreach-isolated
  </icmp-unreach-isolated>
```



```
<icmp-unreach-net-prohib>
  icmp-unreach-net-prohib
</icmp-unreach-net-prohib>
<icmp-unreach-host-prohib>
  icmp-unreach-host-prohib
</icmp-unreach-host-prohib>
<icmp-unreach-tosnet>
  icmp-unreach-tosnet
</icmp-unreach-tosnet>
<icmp-unreach-toshost>
  icmp-unreach-toshost
</icmp-unreach-toshost>
<icmp-unreach-filter-prohib>
  icmp-unreach-filter-prohib
</icmp-unreach-filter-prohib>
<icmp-unreach-host-precedence>
  icmp-unreach-host-precedence
</icmp-unreach-host-precedence>
<icmp-unreach-precedence-cutoff>
  icmp-unreach-precedence-cutoff
</icmp-unreach-precedence-cutoff>
<icmp-redirect-net>
  icmp-redirect-net
</icmp-redirect-net>
<icmp-redirect-host>
  icmp-redirect-host
</icmp-redirect-host>
<icmp-redirect-tosnet>
  icmp-redirect-tosnet
</icmp-redirect-tosnet>
<icmp-redirect-toshost>
  icmp-redirect-toshost
</icmp-redirect-toshost>
<icmp-timxceed-intrans>
  icmp-timxceed-intrans
</icmp-timxceed-intrans>
<icmp-timxceed-reass>
  icmp-timxceed-reass
</icmp-timxceed-reass>
<icmp-paramprob-optabsent>
  icmp-paramprob-optabsent
</icmp-paramprob-optabsent>
<icmp6-unreach-noroute>
  icmp6-unreach-noroute
</icmp6-unreach-noroute>
<icmp6-unreach-admin>
  icmp6-unreach-admin
</icmp6-unreach-admin>
<icmp6-unreach-beyond-scope>
  icmp6-unreach-beyond-scope
</icmp6-unreach-beyond-scope>
<icmp6-unreach-address>
  icmp6-unreach-address
</icmp6-unreach-address>
<icmp6-unreach-port>
  icmp6-unreach-port
```

```
</icmp6-unreach-port>
<icmp6-time-exceed-transit>
  icmp6-time-exceed-transit
</icmp6-time-exceed-transit>
<icmp6-time-exceed-reassembly>
  icmp6-time-exceed-reassembly
</icmp6-time-exceed-reassembly>
<icmp6-parameter-problem-header>
  icmp6-parameter-problem-header
</icmp6-parameter-problem-header>
<icmp6-parameter-problem-nextheader>
  icmp6-parameter-problem-nextheader
</icmp6-parameter-problem-nextheader>
<icmp6-parameter-problem-option>
  icmp6-parameter-problem-option
</icmp6-parameter-problem-option>
<icmp6-ni-subject-ipv6>
  icmp6-ni-subject-ipv6
</icmp6-ni-subject-ipv6>
<icmp6-ni-subject-fqdn>
  icmp6-ni-subject-fqdn
</icmp6-ni-subject-fqdn>
<icmp6-ni-subject-ipv4>
  icmp6-ni-subject-ipv4
</icmp6-ni-subject-ipv4>
<icmp6-ni-success>
  icmp6-ni-success
</icmp6-ni-success>
<icmp6-ni-refused>
  icmp6-ni-refused
</icmp6-ni-refused>
<icmp6-ni-unknown>
  icmp6-ni-unknown
</icmp6-ni-unknown>
</icmp-code>
```

Description Type of ICMP message type sub code

<icmp-code>

Usage

```
<probe-result>
  <icmp-code>
    <icmp-code-none>
      icmp-code-none
    </icmp-code-none>
    <icmp-unreach-net>
      icmp-unreach-net
    </icmp-unreach-net>
    <icmp-unreach-host>
      icmp-unreach-host
    </icmp-unreach-host>
    <icmp-unreach-protocol>
      icmp-unreach-protocol
```

```
</icmp-unreach-protocol>
<icmp-unreach-port>
  icmp-unreach-port
</icmp-unreach-port>
<icmp-unreach-needfrag>
  icmp-unreach-needfrag
</icmp-unreach-needfrag>
<icmp-unreach-srcfail>
  icmp-unreach-srcfail
</icmp-unreach-srcfail>
<icmp-unreach-net-unknown>
  icmp-unreach-net-unknown
</icmp-unreach-net-unknown>
<icmp-unreach-host-unknown>
  icmp-unreach-host-unknown
</icmp-unreach-host-unknown>
<icmp-unreach-isolated>
  icmp-unreach-isolated
</icmp-unreach-isolated>
<icmp-unreach-net-prohib>
  icmp-unreach-net-prohib
</icmp-unreach-net-prohib>
<icmp-unreach-host-prohib>
  icmp-unreach-host-prohib
</icmp-unreach-host-prohib>
<icmp-unreach-tosnet>
  icmp-unreach-tosnet
</icmp-unreach-tosnet>
<icmp-unreach-toshost>
  icmp-unreach-toshost
</icmp-unreach-toshost>
<icmp-unreach-filter-prohib>
  icmp-unreach-filter-prohib
</icmp-unreach-filter-prohib>
<icmp-unreach-host-precedence>
  icmp-unreach-host-precedence
</icmp-unreach-host-precedence>
<icmp-unreach-precedence-cutoff>
  icmp-unreach-precedence-cutoff
</icmp-unreach-precedence-cutoff>
<icmp-redirect-net>
  icmp-redirect-net
</icmp-redirect-net>
<icmp-redirect-host>
  icmp-redirect-host
</icmp-redirect-host>
<icmp-redirect-tosnet>
  icmp-redirect-tosnet
</icmp-redirect-tosnet>
<icmp-redirect-toshost>
  icmp-redirect-toshost
</icmp-redirect-toshost>
<icmp-timxceed-intrans>
  icmp-timxceed-intrans
</icmp-timxceed-intrans>
<icmp-timxceed-reass>
```

```
    icmp-timxceed-reass
  </icmp-timxceed-reass>
  <icmp-paramprob-optabsent>
    icmp-paramprob-optabsent
  </icmp-paramprob-optabsent>
  <icmp6-unreach-noroute>
    icmp6-unreach-noroute
  </icmp6-unreach-noroute>
  <icmp6-unreach-admin>
    icmp6-unreach-admin
  </icmp6-unreach-admin>
  <icmp6-unreach-beyond-scope>
    icmp6-unreach-beyond-scope
  </icmp6-unreach-beyond-scope>
  <icmp6-unreach-address>
    icmp6-unreach-address
  </icmp6-unreach-address>
  <icmp6-unreach-port>
    icmp6-unreach-port
  </icmp6-unreach-port>
  <icmp6-time-exceed-transit>
    icmp6-time-exceed-transit
  </icmp6-time-exceed-transit>
  <icmp6-time-exceed-reassembly>
    icmp6-time-exceed-reassembly
  </icmp6-time-exceed-reassembly>
  <icmp6-parameter-problem-header>
    icmp6-parameter-problem-header
  </icmp6-parameter-problem-header>
  <icmp6-parameter-problem-nextheader>
    icmp6-parameter-problem-nextheader
  </icmp6-parameter-problem-nextheader>
  <icmp6-parameter-problem-option>
    icmp6-parameter-problem-option
  </icmp6-parameter-problem-option>
  <icmp6-ni-subject-ipv6>
    icmp6-ni-subject-ipv6
  </icmp6-ni-subject-ipv6>
  <icmp6-ni-subject-fqdn>
    icmp6-ni-subject-fqdn
  </icmp6-ni-subject-fqdn>
  <icmp6-ni-subject-ipv4>
    icmp6-ni-subject-ipv4
  </icmp6-ni-subject-ipv4>
  <icmp6-ni-success>
    icmp6-ni-success
  </icmp6-ni-success>
  <icmp6-ni-refused>
    icmp6-ni-refused
  </icmp6-ni-refused>
  <icmp6-ni-unknown>
    icmp6-ni-unknown
  </icmp6-ni-unknown>
</icmp-code>
</probe-result>
```

Description Type of ICMP message type sub code

<icmp-code>

Usage

```
<ping-results>
  <probe-result>
    <icmp-code>
      <icmp-code-none>
        icmp-code-none
      </icmp-code-none>
      <icmp-unreach-net>
        icmp-unreach-net
      </icmp-unreach-net>
      <icmp-unreach-host>
        icmp-unreach-host
      </icmp-unreach-host>
      <icmp-unreach-protocol>
        icmp-unreach-protocol
      </icmp-unreach-protocol>
      <icmp-unreach-port>
        icmp-unreach-port
      </icmp-unreach-port>
      <icmp-unreach-needfrag>
        icmp-unreach-needfrag
      </icmp-unreach-needfrag>
      <icmp-unreach-srcfail>
        icmp-unreach-srcfail
      </icmp-unreach-srcfail>
      <icmp-unreach-net-unknown>
        icmp-unreach-net-unknown
      </icmp-unreach-net-unknown>
      <icmp-unreach-host-unknown>
        icmp-unreach-host-unknown
      </icmp-unreach-host-unknown>
      <icmp-unreach-isolated>
        icmp-unreach-isolated
      </icmp-unreach-isolated>
      <icmp-unreach-net-prohib>
        icmp-unreach-net-prohib
      </icmp-unreach-net-prohib>
      <icmp-unreach-host-prohib>
        icmp-unreach-host-prohib
      </icmp-unreach-host-prohib>
      <icmp-unreach-tosnet>
        icmp-unreach-tosnet
      </icmp-unreach-tosnet>
      <icmp-unreach-toshost>
        icmp-unreach-toshost
      </icmp-unreach-toshost>
      <icmp-unreach-filter-prohib>
        icmp-unreach-filter-prohib
      </icmp-unreach-filter-prohib>
      <icmp-unreach-host-precedence>
        icmp-unreach-host-precedence
```

```
</icmp-unreach-host-precedence>
<icmp-unreach-precedence-cutoff>
  icmp-unreach-precedence-cutoff
</icmp-unreach-precedence-cutoff>
<icmp-redirect-net>
  icmp-redirect-net
</icmp-redirect-net>
<icmp-redirect-host>
  icmp-redirect-host
</icmp-redirect-host>
<icmp-redirect-tosnet>
  icmp-redirect-tosnet
</icmp-redirect-tosnet>
<icmp-redirect-toshost>
  icmp-redirect-toshost
</icmp-redirect-toshost>
<icmp-timxceed-intrans>
  icmp-timxceed-intrans
</icmp-timxceed-intrans>
<icmp-timxceed-reass>
  icmp-timxceed-reass
</icmp-timxceed-reass>
<icmp-paramprob-optabsent>
  icmp-paramprob-optabsent
</icmp-paramprob-optabsent>
<icmp6-unreach-noroute>
  icmp6-unreach-noroute
</icmp6-unreach-noroute>
<icmp6-unreach-admin>
  icmp6-unreach-admin
</icmp6-unreach-admin>
<icmp6-unreach-beyond-scope>
  icmp6-unreach-beyond-scope
</icmp6-unreach-beyond-scope>
<icmp6-unreach-address>
  icmp6-unreach-address
</icmp6-unreach-address>
<icmp6-unreach-port>
  icmp6-unreach-port
</icmp6-unreach-port>
<icmp6-time-exceed-transit>
  icmp6-time-exceed-transit
</icmp6-time-exceed-transit>
<icmp6-time-exceed-reassembly>
  icmp6-time-exceed-reassembly
</icmp6-time-exceed-reassembly>
<icmp6-parameter-problem-header>
  icmp6-parameter-problem-header
</icmp6-parameter-problem-header>
<icmp6-parameter-problem-nexthead>
  icmp6-parameter-problem-nexthead
</icmp6-parameter-problem-nexthead>
<icmp6-parameter-problem-option>
  icmp6-parameter-problem-option
</icmp6-parameter-problem-option>
<icmp6-ni-subject-ipv6>
```

```

        icmp6-ni-subject-ipv6
      </icmp6-ni-subject-ipv6>
    <icmp6-ni-subject-fqdn>
      icmp6-ni-subject-fqdn
    </icmp6-ni-subject-fqdn>
    <icmp6-ni-subject-ipv4>
      icmp6-ni-subject-ipv4
    </icmp6-ni-subject-ipv4>
    <icmp6-ni-success>
      icmp6-ni-success
    </icmp6-ni-success>
    <icmp6-ni-refused>
      icmp6-ni-refused
    </icmp6-ni-refused>
    <icmp6-ni-unknown>
      icmp6-ni-unknown
    </icmp6-ni-unknown>
  </icmp-code>
</probe-result>
</ping-results>

```

Description Type of ICMP message type sub code

<icmp-code>

Usage

```

<hop>
<probe-result>
  <icmp-code>
    <icmp-code-none>
      icmp-code-none
    </icmp-code-none>
    <icmp-unreach-net>
      icmp-unreach-net
    </icmp-unreach-net>
    <icmp-unreach-host>
      icmp-unreach-host
    </icmp-unreach-host>
    <icmp-unreach-protocol>
      icmp-unreach-protocol
    </icmp-unreach-protocol>
    <icmp-unreach-port>
      icmp-unreach-port
    </icmp-unreach-port>
    <icmp-unreach-needfrag>
      icmp-unreach-needfrag
    </icmp-unreach-needfrag>
    <icmp-unreach-srcfail>
      icmp-unreach-srcfail
    </icmp-unreach-srcfail>
    <icmp-unreach-net-unknown>
      icmp-unreach-net-unknown
    </icmp-unreach-net-unknown>
    <icmp-unreach-host-unknown>

```

```
    icmp-unreach-host-unknown
  </icmp-unreach-host-unknown>
  <icmp-unreach-isolated>
    icmp-unreach-isolated
  </icmp-unreach-isolated>
  <icmp-unreach-net-prohib>
    icmp-unreach-net-prohib
  </icmp-unreach-net-prohib>
  <icmp-unreach-host-prohib>
    icmp-unreach-host-prohib
  </icmp-unreach-host-prohib>
  <icmp-unreach-tosnet>
    icmp-unreach-tosnet
  </icmp-unreach-tosnet>
  <icmp-unreach-toshost>
    icmp-unreach-toshost
  </icmp-unreach-toshost>
  <icmp-unreach-filter-prohib>
    icmp-unreach-filter-prohib
  </icmp-unreach-filter-prohib>
  <icmp-unreach-host-precedence>
    icmp-unreach-host-precedence
  </icmp-unreach-host-precedence>
  <icmp-unreach-precedence-cutoff>
    icmp-unreach-precedence-cutoff
  </icmp-unreach-precedence-cutoff>
  <icmp-redirect-net>
    icmp-redirect-net
  </icmp-redirect-net>
  <icmp-redirect-host>
    icmp-redirect-host
  </icmp-redirect-host>
  <icmp-redirect-tosnet>
    icmp-redirect-tosnet
  </icmp-redirect-tosnet>
  <icmp-redirect-toshost>
    icmp-redirect-toshost
  </icmp-redirect-toshost>
  <icmp-timxceed-intrans>
    icmp-timxceed-intrans
  </icmp-timxceed-intrans>
  <icmp-timxceed-reass>
    icmp-timxceed-reass
  </icmp-timxceed-reass>
  <icmp-paramprob-optabsent>
    icmp-paramprob-optabsent
  </icmp-paramprob-optabsent>
  <icmp6-unreach-noroute>
    icmp6-unreach-noroute
  </icmp6-unreach-noroute>
  <icmp6-unreach-admin>
    icmp6-unreach-admin
  </icmp6-unreach-admin>
  <icmp6-unreach-beyond-scope>
    icmp6-unreach-beyond-scope
  </icmp6-unreach-beyond-scope>
```



```

    <icmp6-unreach-address>
      icmp6-unreach-address
    </icmp6-unreach-address>
    <icmp6-unreach-port>
      icmp6-unreach-port
    </icmp6-unreach-port>
    <icmp6-time-exceed-transit>
      icmp6-time-exceed-transit
    </icmp6-time-exceed-transit>
    <icmp6-time-exceed-reassembly>
      icmp6-time-exceed-reassembly
    </icmp6-time-exceed-reassembly>
    <icmp6-parameter-problem-header>
      icmp6-parameter-problem-header
    </icmp6-parameter-problem-header>
    <icmp6-parameter-problem-nexthdr>
      icmp6-parameter-problem-nexthdr
    </icmp6-parameter-problem-nexthdr>
    <icmp6-parameter-problem-option>
      icmp6-parameter-problem-option
    </icmp6-parameter-problem-option>
    <icmp6-ni-subject-ipv6>
      icmp6-ni-subject-ipv6
    </icmp6-ni-subject-ipv6>
    <icmp6-ni-subject-fqdn>
      icmp6-ni-subject-fqdn
    </icmp6-ni-subject-fqdn>
    <icmp6-ni-subject-ipv4>
      icmp6-ni-subject-ipv4
    </icmp6-ni-subject-ipv4>
    <icmp6-ni-success>
      icmp6-ni-success
    </icmp6-ni-success>
    <icmp6-ni-refused>
      icmp6-ni-refused
    </icmp6-ni-refused>
    <icmp6-ni-unknown>
      icmp6-ni-unknown
    </icmp6-ni-unknown>
  </icmp-code>
</probe-result>
</hop>

```

Description Type of ICMP message type sub code

<icmp-code>

Usage

```

<traceroute-results>
  <hop>
    <probe-result>
      <icmp-code>
        <icmp-code-none>
          icmp-code-none

```

```
</icmp-code-none>
<icmp-unreach-net>
  icmp-unreach-net
</icmp-unreach-net>
<icmp-unreach-host>
  icmp-unreach-host
</icmp-unreach-host>
<icmp-unreach-protocol>
  icmp-unreach-protocol
</icmp-unreach-protocol>
<icmp-unreach-port>
  icmp-unreach-port
</icmp-unreach-port>
<icmp-unreach-needfrag>
  icmp-unreach-needfrag
</icmp-unreach-needfrag>
<icmp-unreach-srcfail>
  icmp-unreach-srcfail
</icmp-unreach-srcfail>
<icmp-unreach-net-unknown>
  icmp-unreach-net-unknown
</icmp-unreach-net-unknown>
<icmp-unreach-host-unknown>
  icmp-unreach-host-unknown
</icmp-unreach-host-unknown>
<icmp-unreach-isolated>
  icmp-unreach-isolated
</icmp-unreach-isolated>
<icmp-unreach-net-prohib>
  icmp-unreach-net-prohib
</icmp-unreach-net-prohib>
<icmp-unreach-host-prohib>
  icmp-unreach-host-prohib
</icmp-unreach-host-prohib>
<icmp-unreach-tosnet>
  icmp-unreach-tosnet
</icmp-unreach-tosnet>
<icmp-unreach-toshost>
  icmp-unreach-toshost
</icmp-unreach-toshost>
<icmp-unreach-filter-prohib>
  icmp-unreach-filter-prohib
</icmp-unreach-filter-prohib>
<icmp-unreach-host-precedence>
  icmp-unreach-host-precedence
</icmp-unreach-host-precedence>
<icmp-unreach-precedence-cutoff>
  icmp-unreach-precedence-cutoff
</icmp-unreach-precedence-cutoff>
<icmp-redirect-net>
  icmp-redirect-net
</icmp-redirect-net>
<icmp-redirect-host>
  icmp-redirect-host
</icmp-redirect-host>
<icmp-redirect-tosnet>
```

```
    icmp-redirect-tosnet
  </icmp-redirect-tosnet>
  <icmp-redirect-toshost>
    icmp-redirect-toshost
  </icmp-redirect-toshost>
  <icmp-timxceed-intrans>
    icmp-timxceed-intrans
  </icmp-timxceed-intrans>
  <icmp-timxceed-reass>
    icmp-timxceed-reass
  </icmp-timxceed-reass>
  <icmp-paramprob-optabsent>
    icmp-paramprob-optabsent
  </icmp-paramprob-optabsent>
  <icmp6-unreach-noroute>
    icmp6-unreach-noroute
  </icmp6-unreach-noroute>
  <icmp6-unreach-admin>
    icmp6-unreach-admin
  </icmp6-unreach-admin>
  <icmp6-unreach-beyond-scope>
    icmp6-unreach-beyond-scope
  </icmp6-unreach-beyond-scope>
  <icmp6-unreach-address>
    icmp6-unreach-address
  </icmp6-unreach-address>
  <icmp6-unreach-port>
    icmp6-unreach-port
  </icmp6-unreach-port>
  <icmp6-time-exceed-transit>
    icmp6-time-exceed-transit
  </icmp6-time-exceed-transit>
  <icmp6-time-exceed-reassembly>
    icmp6-time-exceed-reassembly
  </icmp6-time-exceed-reassembly>
  <icmp6-parameter-problem-header>
    icmp6-parameter-problem-header
  </icmp6-parameter-problem-header>
  <icmp6-parameter-problem-nextheader>
    icmp6-parameter-problem-nextheader
  </icmp6-parameter-problem-nextheader>
  <icmp6-parameter-problem-option>
    icmp6-parameter-problem-option
  </icmp6-parameter-problem-option>
  <icmp6-ni-subject-ipv6>
    icmp6-ni-subject-ipv6
  </icmp6-ni-subject-ipv6>
  <icmp6-ni-subject-fqdn>
    icmp6-ni-subject-fqdn
  </icmp6-ni-subject-fqdn>
  <icmp6-ni-subject-ipv4>
    icmp6-ni-subject-ipv4
  </icmp6-ni-subject-ipv4>
  <icmp6-ni-success>
    icmp6-ni-success
  </icmp6-ni-success>
```

```
<icmp6-ni-refused>
  icmp6-ni-refused
</icmp6-ni-refused>
<icmp6-ni-unknown>
  icmp6-ni-unknown
</icmp6-ni-unknown>
</icmp-code>
</probe-result>
</hop>
</traceroute-results>
```

Description Type of ICMP message type sub code

<icmp-type>

Usage

```
<icmp-type>
<icmp-type-none>
  icmp-type-none
</icmp-type-none>
<icmp-echoreply>
  icmp-echoreply
</icmp-echoreply>
<icmp-unreach>
  icmp-unreach
</icmp-unreach>
<icmp-sourcequench>
  icmp-sourcequench
</icmp-sourcequench>
<icmp-redirect>
  icmp-redirect
</icmp-redirect>
<icmp-echo>
  icmp-echo
</icmp-echo>
<icmp-routeradvert>
  icmp-routeradvert
</icmp-routeradvert>
<icmp-routersolicit>
  icmp-routersolicit
</icmp-routersolicit>
<icmp-timxceed>
  icmp-timxceed
</icmp-timxceed>
<icmp-paramprob>
  icmp-paramprob
</icmp-paramprob>
<icmp-tstamp>
  icmp-tstamp
</icmp-tstamp>
<icmp-tstampreply>
  icmp-tstampreply
</icmp-tstampreply>
<icmp-ireq>
```

```
    icmp-ireq
  </icmp-ireq>
  <icmp-ireqreply>
    icmp-ireqreply
  </icmp-ireqreply>
  <icmp-maskreq>
    icmp-maskreq
  </icmp-maskreq>
  <icmp-maskreply>
    icmp-maskreply
  </icmp-maskreply>
  <icmp6-unreach>
    icmp6-unreach
  </icmp6-unreach>
  <icmp6-packet-too-big>
    icmp6-packet-too-big
  </icmp6-packet-too-big>
  <icmp6-time-exceeded>
    icmp6-time-exceeded
  </icmp6-time-exceeded>
  <icmp6-parameter-problem>
    icmp6-parameter-problem
  </icmp6-parameter-problem>
  <icmp6-echo-request>
    icmp6-echo-request
  </icmp6-echo-request>
  <icmp6-echo-reply>
    icmp6-echo-reply
  </icmp6-echo-reply>
  <icmp6-membership-query>
    icmp6-membership-query
  </icmp6-membership-query>
  <icmp6-membership-report>
    icmp6-membership-report
  </icmp6-membership-report>
  <icmp6-membership-reduction>
    icmp6-membership-reduction
  </icmp6-membership-reduction>
  <icmp6-router-solicit>
    icmp6-router-solicit
  </icmp6-router-solicit>
  <icmp6-router-advert>
    icmp6-router-advert
  </icmp6-router-advert>
  <icmp6-neighbor-solicit>
    icmp6-neighbor-solicit
  </icmp6-neighbor-solicit>
  <icmp6-neighbor-advert>
    icmp6-neighbor-advert
  </icmp6-neighbor-advert>
  <icmp6-redirect>
    icmp6-redirect
  </icmp6-redirect>
  <icmp6-router-renumbering>
    icmp6-router-renumbering
  </icmp6-router-renumbering>
```

```
<icmp6-ni-query>
  icmp6-ni-query
</icmp6-ni-query>
<icmp6-ni-reply>
  icmp6-ni-reply
</icmp6-ni-reply>
</icmp-type>
```

Description Type of ICMP message

<icmp-type>

Usage

```
<probe-result>
<icmp-type>
  <icmp-type-none>
    icmp-type-none
  </icmp-type-none>
  <icmp-echoreply>
    icmp-echoreply
  </icmp-echoreply>
  <icmp-unreach>
    icmp-unreach
  </icmp-unreach>
  <icmp-sourcequench>
    icmp-sourcequench
  </icmp-sourcequench>
  <icmp-redirect>
    icmp-redirect
  </icmp-redirect>
  <icmp-echo>
    icmp-echo
  </icmp-echo>
  <icmp-routeradvert>
    icmp-routeradvert
  </icmp-routeradvert>
  <icmp-routersolicit>
    icmp-routersolicit
  </icmp-routersolicit>
  <icmp-timxceed>
    icmp-timxceed
  </icmp-timxceed>
  <icmp-paramprob>
    icmp-paramprob
  </icmp-paramprob>
  <icmp-tstamp>
    icmp-tstamp
  </icmp-tstamp>
  <icmp-tstampreply>
    icmp-tstampreply
  </icmp-tstampreply>
  <icmp-ireq>
    icmp-ireq
  </icmp-ireq>
```

```
<icmp-ireqreply>
  icmp-ireqreply
</icmp-ireqreply>
<icmp-maskreq>
  icmp-maskreq
</icmp-maskreq>
<icmp-maskreply>
  icmp-maskreply
</icmp-maskreply>
<icmp6-unreach>
  icmp6-unreach
</icmp6-unreach>
<icmp6-packet-too-big>
  icmp6-packet-too-big
</icmp6-packet-too-big>
<icmp6-time-exceeded>
  icmp6-time-exceeded
</icmp6-time-exceeded>
<icmp6-parameter-problem>
  icmp6-parameter-problem
</icmp6-parameter-problem>
<icmp6-echo-request>
  icmp6-echo-request
</icmp6-echo-request>
<icmp6-echo-reply>
  icmp6-echo-reply
</icmp6-echo-reply>
<icmp6-membership-query>
  icmp6-membership-query
</icmp6-membership-query>
<icmp6-membership-report>
  icmp6-membership-report
</icmp6-membership-report>
<icmp6-membership-reduction>
  icmp6-membership-reduction
</icmp6-membership-reduction>
<icmp6-router-solicit>
  icmp6-router-solicit
</icmp6-router-solicit>
<icmp6-router-advert>
  icmp6-router-advert
</icmp6-router-advert>
<icmp6-neighbor-solicit>
  icmp6-neighbor-solicit
</icmp6-neighbor-solicit>
<icmp6-neighbor-advert>
  icmp6-neighbor-advert
</icmp6-neighbor-advert>
<icmp6-redirect>
  icmp6-redirect
</icmp6-redirect>
<icmp6-router-renumbering>
  icmp6-router-renumbering
</icmp6-router-renumbering>
<icmp6-ni-query>
  icmp6-ni-query
```

```
</icmp6-ni-query>
<icmp6-ni-reply>
  icmp6-ni-reply
</icmp6-ni-reply>
</icmp-type>
</probe-result>
```

Description Type of ICMP message

<icmp-type>

Usage

```
<ping-results>
<probe-result>
  <icmp-type>
    <icmp-type-none>
      icmp-type-none
    </icmp-type-none>
    <icmp-echoreply>
      icmp-echoreply
    </icmp-echoreply>
    <icmp-unreach>
      icmp-unreach
    </icmp-unreach>
    <icmp-sourcequench>
      icmp-sourcequench
    </icmp-sourcequench>
    <icmp-redirect>
      icmp-redirect
    </icmp-redirect>
    <icmp-echo>
      icmp-echo
    </icmp-echo>
    <icmp-routeradvert>
      icmp-routeradvert
    </icmp-routeradvert>
    <icmp-routersolicit>
      icmp-routersolicit
    </icmp-routersolicit>
    <icmp-timxceed>
      icmp-timxceed
    </icmp-timxceed>
    <icmp-paramprob>
      icmp-paramprob
    </icmp-paramprob>
    <icmp-tstamp>
      icmp-tstamp
    </icmp-tstamp>
    <icmp-tstampreply>
      icmp-tstampreply
    </icmp-tstampreply>
    <icmp-ireq>
      icmp-ireq
    </icmp-ireq>
```



```
<icmp-ireqreply>
  icmp-ireqreply
</icmp-ireqreply>
<icmp-maskreq>
  icmp-maskreq
</icmp-maskreq>
<icmp-maskreply>
  icmp-maskreply
</icmp-maskreply>
<icmp6-unreach>
  icmp6-unreach
</icmp6-unreach>
<icmp6-packet-too-big>
  icmp6-packet-too-big
</icmp6-packet-too-big>
<icmp6-time-exceeded>
  icmp6-time-exceeded
</icmp6-time-exceeded>
<icmp6-parameter-problem>
  icmp6-parameter-problem
</icmp6-parameter-problem>
<icmp6-echo-request>
  icmp6-echo-request
</icmp6-echo-request>
<icmp6-echo-reply>
  icmp6-echo-reply
</icmp6-echo-reply>
<icmp6-membership-query>
  icmp6-membership-query
</icmp6-membership-query>
<icmp6-membership-report>
  icmp6-membership-report
</icmp6-membership-report>
<icmp6-membership-reduction>
  icmp6-membership-reduction
</icmp6-membership-reduction>
<icmp6-router-solicit>
  icmp6-router-solicit
</icmp6-router-solicit>
<icmp6-router-advert>
  icmp6-router-advert
</icmp6-router-advert>
<icmp6-neighbor-solicit>
  icmp6-neighbor-solicit
</icmp6-neighbor-solicit>
<icmp6-neighbor-advert>
  icmp6-neighbor-advert
</icmp6-neighbor-advert>
<icmp6-redirect>
  icmp6-redirect
</icmp6-redirect>
<icmp6-router-renumbering>
  icmp6-router-renumbering
</icmp6-router-renumbering>
<icmp6-ni-query>
  icmp6-ni-query
```

```
</icmp6-ni-query>
<icmp6-ni-reply>
  icmp6-ni-reply
</icmp6-ni-reply>
</icmp-type>
</probe-result>
</ping-results>
```

Description Type of ICMP message

<icmp-type>

Usage

```
<hop>
<probe-result>
  <icmp-type>
    <icmp-type-none>
      icmp-type-none
    </icmp-type-none>
    <icmp-echoreply>
      icmp-echoreply
    </icmp-echoreply>
    <icmp-unreach>
      icmp-unreach
    </icmp-unreach>
    <icmp-sourcequench>
      icmp-sourcequench
    </icmp-sourcequench>
    <icmp-redirect>
      icmp-redirect
    </icmp-redirect>
    <icmp-echo>
      icmp-echo
    </icmp-echo>
    <icmp-routeradvert>
      icmp-routeradvert
    </icmp-routeradvert>
    <icmp-routersolicit>
      icmp-routersolicit
    </icmp-routersolicit>
    <icmp-timxceed>
      icmp-timxceed
    </icmp-timxceed>
    <icmp-paramprob>
      icmp-paramprob
    </icmp-paramprob>
    <icmp-tstamp>
      icmp-tstamp
    </icmp-tstamp>
    <icmp-tstampreply>
      icmp-tstampreply
    </icmp-tstampreply>
    <icmp-ireq>
      icmp-ireq
```

```
</icmp-ireq>
<icmp-ireqreply>
  icmp-ireqreply
</icmp-ireqreply>
<icmp-maskreq>
  icmp-maskreq
</icmp-maskreq>
<icmp-maskreply>
  icmp-maskreply
</icmp-maskreply>
<icmp6-unreach>
  icmp6-unreach
</icmp6-unreach>
<icmp6-packet-too-big>
  icmp6-packet-too-big
</icmp6-packet-too-big>
<icmp6-time-exceeded>
  icmp6-time-exceeded
</icmp6-time-exceeded>
<icmp6-parameter-problem>
  icmp6-parameter-problem
</icmp6-parameter-problem>
<icmp6-echo-request>
  icmp6-echo-request
</icmp6-echo-request>
<icmp6-echo-reply>
  icmp6-echo-reply
</icmp6-echo-reply>
<icmp6-membership-query>
  icmp6-membership-query
</icmp6-membership-query>
<icmp6-membership-report>
  icmp6-membership-report
</icmp6-membership-report>
<icmp6-membership-reduction>
  icmp6-membership-reduction
</icmp6-membership-reduction>
<icmp6-router-solicit>
  icmp6-router-solicit
</icmp6-router-solicit>
<icmp6-router-advert>
  icmp6-router-advert
</icmp6-router-advert>
<icmp6-neighbor-solicit>
  icmp6-neighbor-solicit
</icmp6-neighbor-solicit>
<icmp6-neighbor-advert>
  icmp6-neighbor-advert
</icmp6-neighbor-advert>
<icmp6-redirect>
  icmp6-redirect
</icmp6-redirect>
<icmp6-router-renumbering>
  icmp6-router-renumbering
</icmp6-router-renumbering>
<icmp6-ni-query>
```

```
        icmp6-ni-query
      </icmp6-ni-query>
    <icmp6-ni-reply>
      icmp6-ni-reply
    </icmp6-ni-reply>
  </icmp-type>
</probe-result>
</hop>
```

Description Type of ICMP message

<icmp-type>

Usage

```
<traceroute-results>
  <hop>
    <probe-result>
      <icmp-type>
        <icmp-type-none>
          icmp-type-none
        </icmp-type-none>
        <icmp-echoreply>
          icmp-echoreply
        </icmp-echoreply>
        <icmp-unreach>
          icmp-unreach
        </icmp-unreach>
        <icmp-sourcequench>
          icmp-sourcequench
        </icmp-sourcequench>
        <icmp-redirect>
          icmp-redirect
        </icmp-redirect>
        <icmp-echo>
          icmp-echo
        </icmp-echo>
        <icmp-routeradvert>
          icmp-routeradvert
        </icmp-routeradvert>
        <icmp-routersolicit>
          icmp-routersolicit
        </icmp-routersolicit>
        <icmp-timxceed>
          icmp-timxceed
        </icmp-timxceed>
        <icmp-paramprob>
          icmp-paramprob
        </icmp-paramprob>
        <icmp-tstamp>
          icmp-tstamp
        </icmp-tstamp>
        <icmp-tstampreply>
          icmp-tstampreply
        </icmp-tstampreply>
```

```
<icmp-ireq>
  icmp-ireq
</icmp-ireq>
<icmp-ireqreply>
  icmp-ireqreply
</icmp-ireqreply>
<icmp-maskreq>
  icmp-maskreq
</icmp-maskreq>
<icmp-maskreply>
  icmp-maskreply
</icmp-maskreply>
<icmp6-unreach>
  icmp6-unreach
</icmp6-unreach>
<icmp6-packet-too-big>
  icmp6-packet-too-big
</icmp6-packet-too-big>
<icmp6-time-exceeded>
  icmp6-time-exceeded
</icmp6-time-exceeded>
<icmp6-parameter-problem>
  icmp6-parameter-problem
</icmp6-parameter-problem>
<icmp6-echo-request>
  icmp6-echo-request
</icmp6-echo-request>
<icmp6-echo-reply>
  icmp6-echo-reply
</icmp6-echo-reply>
<icmp6-membership-query>
  icmp6-membership-query
</icmp6-membership-query>
<icmp6-membership-report>
  icmp6-membership-report
</icmp6-membership-report>
<icmp6-membership-reduction>
  icmp6-membership-reduction
</icmp6-membership-reduction>
<icmp6-router-solicit>
  icmp6-router-solicit
</icmp6-router-solicit>
<icmp6-router-advert>
  icmp6-router-advert
</icmp6-router-advert>
<icmp6-neighbor-solicit>
  icmp6-neighbor-solicit
</icmp6-neighbor-solicit>
<icmp6-neighbor-advert>
  icmp6-neighbor-advert
</icmp6-neighbor-advert>
<icmp6-redirect>
  icmp6-redirect
</icmp6-redirect>
<icmp6-router-renumbering>
  icmp6-router-renumbering
```

```
</icmp6-router-renumbering>
<icmp6-ni-query>
  icmp6-ni-query
</icmp6-ni-query>
<icmp6-ni-reply>
  icmp6-ni-reply
</icmp6-ni-reply>
</icmp-type>
</probe-result>
</hop>
</traceroute-results>
```

Description Type of ICMP message

<ip-options>

Usage

```
<ip-options>
<record-route>....</record-route>
<loose-source-route>....</loose-source-route>
<strict-source-route>....</strict-source-route>
</ip-options>
```

Description IP options contained in the response

<ip-options>

Usage

```
<probe-result>
<ip-options>
  <record-route>....</record-route>
  <loose-source-route>....</loose-source-route>
  <strict-source-route>....</strict-source-route>
</ip-options>
</probe-result>
```

Description IP options contained in the response

<ip-options>

Usage

```
<ping-results>
<probe-result>
  <ip-options>
    <record-route>....</record-route>
    <loose-source-route>....</loose-source-route>
    <strict-source-route>....</strict-source-route>
  </ip-options>
</probe-result>
</ping-results>
```

Description IP options contained in the response

<ip-options>

Usage

```
<hop>
  <probe-result>
    <ip-options>
      <record-route>....</record-route>
      <loose-source-route>....</loose-source-route>
      <strict-source-route>....</strict-source-route>
    </ip-options>
  </probe-result>
</hop>
```

Description IP options contained in the response

<ip-options>

Usage

```
<traceroute-results>
  <hop>
    <probe-result>
      <ip-options>
        <record-route>....</record-route>
        <loose-source-route>....</loose-source-route>
        <strict-source-route>....</strict-source-route>
      </ip-options>
    </probe-result>
  </hop>
</traceroute-results>
```

Description IP options contained in the response

<loose-source-route>

Usage

```
<ip-options>
  <loose-source-route>
    <record-route-host>....</record-route-host>
  </loose-source-route>
</ip-options>
```

Description Loose source route (LSRR) IP option

<loose-source-route>

Usage

```
<probe-result>
  <ip-options>
    <loose-source-route>
```

```
<record-route-host>....</record-route-host>
</loose-source-route>
</ip-options>
</probe-result>
```

Description Loose source route (LSRR) IP option

<loose-source-route>

Usage

```
<ping-results>
<probe-result>
<ip-options>
<loose-source-route>
<record-route-host>....</record-route-host>
</loose-source-route>
</ip-options>
</probe-result>
</ping-results>
```

Description Loose source route (LSRR) IP option

<loose-source-route>

Usage

```
<hop>
<probe-result>
<ip-options>
<loose-source-route>
<record-route-host>....</record-route-host>
</loose-source-route>
</ip-options>
</probe-result>
</hop>
```

Description Loose source route (LSRR) IP option

<loose-source-route>

Usage

```
<traceroute-results>
<hop>
<probe-result>
<ip-options>
<loose-source-route>
<record-route-host>....</record-route-host>
</loose-source-route>
</ip-options>
</probe-result>
</hop>
```


</traceroute-results>

Description Loose source route (LSRR) IP option

<lsping-probe-reply>

Usage

```
<lsping-probe-reply>
  <lsping-sequence-number>
    lsping-sequence-number
  </lsping-sequence-number>
  <lsping-return-code>
    lsping-return-code
  </lsping-return-code>
  <lsping-ip-address>
    lsping-ip-address
  </lsping-ip-address>
  <lsping-round-trip-time>
    lsping-round-trip-time
  </lsping-round-trip-time>
  <lsping-local-transmit-time>
    lsping-local-transmit-time
  </lsping-local-transmit-time>
  <lsping-local-transmit-time-us>
    lsping-local-transmit-time-us
  </lsping-local-transmit-time-us>
  <lsping-remote-receive-time>
    lsping-remote-receive-time
  </lsping-remote-receive-time>
  <lsping-remote-receive-time-us>
    lsping-remote-receive-time-us
  </lsping-remote-receive-time-us>
</lsping-probe-reply>
```

Description

<lsping-probe-reply>

Usage

```
<lsping-results>
  <lsping-probe-reply>
    <lsping-sequence-number>
      lsping-sequence-number
    </lsping-sequence-number>
    <lsping-return-code>
      lsping-return-code
    </lsping-return-code>
    <lsping-ip-address>
      lsping-ip-address
    </lsping-ip-address>
    <lsping-round-trip-time>
      lsping-round-trip-time
    </lsping-round-trip-time>
    <lsping-local-transmit-time>
```

```
    lsping-local-transmit-time
  </lsping-local-transmit-time>
  <lsping-local-transmit-time-us>
    lsping-local-transmit-time-us
  </lsping-local-transmit-time-us>
  <lsping-remote-receive-time>
    lsping-remote-receive-time
  </lsping-remote-receive-time>
  <lsping-remote-receive-time-us>
    lsping-remote-receive-time-us
  </lsping-remote-receive-time-us>
</lsping-probe-reply>
</lsping-results>
```

Description

<lsping-probe-request>

Usage

```
<lsping-probe-request>
  <lsping-sequence-number>
    lsping-sequence-number
  </lsping-sequence-number>
  <lsping-interface-index>
    lsping-interface-index
  </lsping-interface-index>
  <lsping-label>
    lsping-label
  </lsping-label>
  <lsping-packet-size>
    lsping-packet-size
  </lsping-packet-size>
</lsping-probe-request>
```

Description One request probe

<lsping-probe-request>

Usage

```
<lsping-results>
  <lsping-probe-request>
    <lsping-sequence-number>
      lsping-sequence-number
    </lsping-sequence-number>
    <lsping-interface-index>
      lsping-interface-index
    </lsping-interface-index>
    <lsping-label>
      lsping-label
    </lsping-label>
    <lsping-packet-size>
      lsping-packet-size
    </lsping-packet-size>
  </lsping-probe-request>
```

```
</lsping-results>
```

Description One request probe

<lsping-results>

Usage

```
<lsping-results>
  <lsping-route-comment>
    lsping-route-comment
  </lsping-route-comment>
  <lsping-probe-request>....</lsping-probe-request>
  <lsping-probe-reply>....</lsping-probe-reply>
  <lsping-results-summary>....</lsping-results-summary>
  <vpls-ping-results-summary>....</vpls-ping-results-summary>
  <lsping-sweep-summary>....</lsping-sweep-summary>
  <lsping-success>
    lsping-success
  </lsping-success>
  <lsping-failure>
    lsping-failure
  </lsping-failure>
</lsping-results>
```

Description

<lsping-results-summary>

Usage

```
<lsping-results-summary>
  <lsping-packets-transmitted>
    lsping-packets-transmitted
  </lsping-packets-transmitted>
  <lsping-packets-received>
    lsping-packets-received
  </lsping-packets-received>
  <lsping-packet-loss>
    lsping-packet-loss
  </lsping-packet-loss>
  <lsping-error-packets>
    lsping-error-packets
  </lsping-error-packets>
</lsping-results-summary>
```

Description Summary of lsping probe results

<lsping-results-summary>

Usage

```
<lsping-results>
  <lsping-results-summary>
    <lsping-packets-transmitted>
```

```
    lsping-packets-transmitted
  </lsping-packets-transmitted>
  <lsping-packets-received>
    lsping-packets-received
  </lsping-packets-received>
  <lsping-packet-loss>
    lsping-packet-loss
  </lsping-packet-loss>
  <lsping-error-packets>
    lsping-error-packets
  </lsping-error-packets>
</lsping-results-summary>
</lsping-results>
```

Description Summary of lsping probe results

<lsping-sweep-summary>

Usage

```
<lsping-sweep-summary>
  <lsping-mtu>
    lsping-mtu
  </lsping-mtu>
</lsping-sweep-summary>
```

Description Ping sweep result

<lsping-sweep-summary>

Usage

```
<lsping-results>
  <lsping-sweep-summary>
    <lsping-mtu>
      lsping-mtu
    </lsping-mtu>
  </lsping-sweep-summary>
</lsping-results>
```

Description Ping sweep result

<ping-results>

Usage

```
<ping-results>
  <target-host>
    target-host
  </target-host>
  <source>
    source
  </source>
  <target-ip>
```

```

    target-ip
  </target-ip>
  <packet-size>
    packet-size
  </packet-size>
  <probe-result>....</probe-result>
  <probe-results-summary>....</probe-results-summary>
  <ping-success>
    ping-success
  </ping-success>
  <ping-failure>
    ping-failure
  </ping-failure>
</ping-results>

```

Description

<probe-result>

Usage

```

<probe-result>
  <date-determined>
    date-determined
  </date-determined>
  <probe-index>
    probe-index
  </probe-index>
  <sequence-number>
    sequence-number
  </sequence-number>
  <time-to-live>
    time-to-live
  </time-to-live>
  <response-size>
    response-size
  </response-size>
  <rtt>
    rtt
  </rtt>
  <ingress-interface>
    ingress-interface
  </ingress-interface>
  <icmp-type>....</icmp-type>
  <icmp-code>....</icmp-code>
  <ip-address>
    ip-address
  </ip-address>
  <host-name>
    host-name
  </host-name>
  <ip-options>....</ip-options>
  <probe-success>
    probe-success
  </probe-success>
  <probe-duplicate>

```

```
    probe-duplicate
  </probe-duplicate>
  <probe-reached>
    probe-reached
  </probe-reached>
  <probe-failure>
    probe-failure
  </probe-failure>
</probe-result>
```

Description Result of one probe

<probe-result>

Usage

```
<ping-results>
  <probe-result>
    <date-determined>
      date-determined
    </date-determined>
    <probe-index>
      probe-index
    </probe-index>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time-to-live>
      time-to-live
    </time-to-live>
    <response-size>
      response-size
    </response-size>
    <rtt>
      rtt
    </rtt>
    <ingress-interface>
      ingress-interface
    </ingress-interface>
    <icmp-type>.....</icmp-type>
    <icmp-code>.....</icmp-code>
    <ip-address>
      ip-address
    </ip-address>
    <host-name>
      host-name
    </host-name>
    <ip-options>.....</ip-options>
    <probe-success>
      probe-success
    </probe-success>
    <probe-duplicate>
      probe-duplicate
    </probe-duplicate>
    <probe-reached>
```

```

        probe-reached
      </probe-reached>
    <probe-failure>
      probe-failure
    </probe-failure>
  </probe-result>
</ping-results>

```

Description Result of one probe

<probe-result>

Usage

```

<hop>
  <probe-result>
    <date-determined>
      date-determined
    </date-determined>
    <probe-index>
      probe-index
    </probe-index>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time-to-live>
      time-to-live
    </time-to-live>
    <response-size>
      response-size
    </response-size>
    <rtt>
      rtt
    </rtt>
    <ingress-interface>
      ingress-interface
    </ingress-interface>
    <icmp-type>.....</icmp-type>
    <icmp-code>.....</icmp-code>
    <ip-address>
      ip-address
    </ip-address>
    <host-name>
      host-name
    </host-name>
    <ip-options>.....</ip-options>
    <probe-success>
      probe-success
    </probe-success>
    <probe-duplicate>
      probe-duplicate
    </probe-duplicate>
    <probe-reached>
      probe-reached
    </probe-reached>
  </probe-result>
</hop>

```

```
<probe-failure>
  probe-failure
</probe-failure>
</probe-result>
</hop>
```

Description Result of one probe

<probe-result>

Usage

```
<traceroute-results>
  <hop>
    <probe-result>
      <date-determined>
        date-determined
      </date-determined>
      <probe-index>
        probe-index
      </probe-index>
      <sequence-number>
        sequence-number
      </sequence-number>
      <time-to-live>
        time-to-live
      </time-to-live>
      <response-size>
        response-size
      </response-size>
      <rtt>
        rtt
      </rtt>
      <ingress-interface>
        ingress-interface
      </ingress-interface>
      <icmp-type>....</icmp-type>
      <icmp-code>....</icmp-code>
      <ip-address>
        ip-address
      </ip-address>
      <host-name>
        host-name
      </host-name>
      <ip-options>....</ip-options>
      <probe-success>
        probe-success
      </probe-success>
      <probe-duplicate>
        probe-duplicate
      </probe-duplicate>
      <probe-reached>
        probe-reached
      </probe-reached>
      <probe-failure>
```



```
    probe-failure
  </probe-failure>
</probe-result>
</hop>
</traceroute-results>
```

Description Result of one probe

<probe-results-summary>

Usage

```
<probe-results-summary>
  <probes-sent>
    probes-sent
  </probes-sent>
  <responses-received>
    responses-received
  </responses-received>
  <packet-loss>
    packet-loss
  </packet-loss>
  <response-duplicates>
    response-duplicates
  </response-duplicates>
  <response-unexpected-sequence>
    response-unexpected-sequence
  </response-unexpected-sequence>
  <rtt-minimum>
    rtt-minimum
  </rtt-minimum>
  <rtt-average>
    rtt-average
  </rtt-average>
  <rtt-maximum>
    rtt-maximum
  </rtt-maximum>
  <rtt-stddev>
    rtt-stddev
  </rtt-stddev>
</probe-results-summary>
```

Description Summary of probe results

<probe-results-summary>

Usage

```
<ping-results>
  <probe-results-summary>
    <probes-sent>
      probes-sent
    </probes-sent>
    <responses-received>
      responses-received
```

```
</responses-received>
<packet-loss>
  packet-loss
</packet-loss>
<response-duplicates>
  response-duplicates
</response-duplicates>
<response-unexpected-sequence>
  response-unexpected-sequence
</response-unexpected-sequence>
<rtt-minimum>
  rtt-minimum
</rtt-minimum>
<rtt-average>
  rtt-average
</rtt-average>
<rtt-maximum>
  rtt-maximum
</rtt-maximum>
<rtt-stddev>
  rtt-stddev
</rtt-stddev>
</probe-results-summary>
</ping-results>
```

Description Summary of probe results

<record-route>

Usage

```
<ip-options>
  <record-route>
    <record-route-host>....</record-route-host>
  </record-route>
</ip-options>
```

Description Record route (RR) IP option

<record-route>

Usage

```
<probe-result>
  <ip-options>
    <record-route>
      <record-route-host>....</record-route-host>
    </record-route>
  </ip-options>
</probe-result>
```

Description Record route (RR) IP option

<record-route>**Usage**

```

<ping-results>
  <probe-result>
    <ip-options>
      <record-route>
        <record-route-host>....</record-route-host>
      </record-route>
    </ip-options>
  </probe-result>
</ping-results>

```

Description Record route (RR) IP option

<record-route>**Usage**

```

<hop>
  <probe-result>
    <ip-options>
      <record-route>
        <record-route-host>....</record-route-host>
      </record-route>
    </ip-options>
  </probe-result>
</hop>

```

Description Record route (RR) IP option

<record-route>**Usage**

```

<traceroute-results>
  <hop>
    <probe-result>
      <ip-options>
        <record-route>
          <record-route-host>....</record-route-host>
        </record-route>
      </ip-options>
    </probe-result>
  </hop>
</traceroute-results>

```

Description Record route (RR) IP option

<record-route-host>**Usage**

```

<record-route-host>

```

```
<ip-address>
  ip-address
</ip-address>
<host-name>
  host-name
</host-name>
</record-route-host>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<ip-options>
<record-route>
  <record-route-host>
    <ip-address>
      ip-address
    </ip-address>
    <host-name>
      host-name
    </host-name>
  </record-route-host>
</record-route>
</ip-options>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<ip-options>
<loose-source-route>
  <record-route-host>
    <ip-address>
      ip-address
    </ip-address>
    <host-name>
      host-name
    </host-name>
  </record-route-host>
</loose-source-route>
</ip-options>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<ip-options>
<strict-source-route>
```

```
<record-route-host>
  <ip-address>
    ip-address
  </ip-address>
  <host-name>
    host-name
  </host-name>
</record-route-host>
</strict-source-route>
</ip-options>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<probe-result>
  <ip-options>
    <record-route>
      <record-route-host>
        <ip-address>
          ip-address
        </ip-address>
        <host-name>
          host-name
        </host-name>
      </record-route-host>
    </record-route>
  </ip-options>
</probe-result>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<probe-result>
  <ip-options>
    <loose-source-route>
      <record-route-host>
        <ip-address>
          ip-address
        </ip-address>
        <host-name>
          host-name
        </host-name>
      </record-route-host>
    </loose-source-route>
  </ip-options>
</probe-result>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<probe-result>
  <ip-options>
    <strict-source-route>
      <record-route-host>
        <ip-address>
          ip-address
        </ip-address>
        <host-name>
          host-name
        </host-name>
      </record-route-host>
    </strict-source-route>
  </ip-options>
</probe-result>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<ping-results>
  <probe-result>
    <ip-options>
      <record-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </record-route>
    </ip-options>
  </probe-result>
</ping-results>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<ping-results>
  <probe-result>
    <ip-options>
      <loose-source-route>
        <record-route-host>
```

```

    <ip-address>
      ip-address
    </ip-address>
    <host-name>
      host-name
    </host-name>
  </record-route-host>
</loose-source-route>
</ip-options>
</probe-result>
</ping-results>

```

Description Host entry in the record route

<record-route-host>

Usage

```

<ping-results>
  <probe-result>
    <ip-options>
      <strict-source-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </strict-source-route>
    </ip-options>
  </probe-result>
</ping-results>

```

Description Host entry in the record route

<record-route-host>

Usage

```

<hop>
  <probe-result>
    <ip-options>
      <record-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </record-route>
    </ip-options>
  </probe-result>
</hop>

```

```
</probe-result>
</hop>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<hop>
  <probe-result>
    <ip-options>
      <loose-source-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </loose-source-route>
    </ip-options>
  </probe-result>
</hop>
```

Description Host entry in the record route

<record-route-host>

Usage

```
<hop>
  <probe-result>
    <ip-options>
      <strict-source-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </strict-source-route>
    </ip-options>
  </probe-result>
</hop>
```

Description Host entry in the record route

<record-route-host>**Usage**

```

<traceroute-results>
  <hop>
    <probe-result>
      <ip-options>
        <record-route>
          <record-route-host>
            <ip-address>
              ip-address
            </ip-address>
            <host-name>
              host-name
            </host-name>
          </record-route-host>
        </record-route>
      </ip-options>
    </probe-result>
  </hop>
</traceroute-results>

```

Description Host entry in the record route

<record-route-host>**Usage**

```

<traceroute-results>
  <hop>
    <probe-result>
      <ip-options>
        <loose-source-route>
          <record-route-host>
            <ip-address>
              ip-address
            </ip-address>
            <host-name>
              host-name
            </host-name>
          </record-route-host>
        </loose-source-route>
      </ip-options>
    </probe-result>
  </hop>
</traceroute-results>

```

Description Host entry in the record route

<record-route-host>**Usage**

```

<traceroute-results>

```

```
<hop>
  <probe-result>
    <ip-options>
      <strict-source-route>
        <record-route-host>
          <ip-address>
            ip-address
          </ip-address>
          <host-name>
            host-name
          </host-name>
        </record-route-host>
      </strict-source-route>
    </ip-options>
  </probe-result>
</hop>
</traceroute-results>
```

Description Host entry in the record route

<strict-source-route>

Usage

```
<ip-options>
  <strict-source-route>
    <record-route-host>....</record-route-host>
  </strict-source-route>
</ip-options>
```

Description Strict source route (SSRR) IP option

<strict-source-route>

Usage

```
<probe-result>
  <ip-options>
    <strict-source-route>
      <record-route-host>....</record-route-host>
    </strict-source-route>
  </ip-options>
</probe-result>
```

Description Strict source route (SSRR) IP option

<strict-source-route>

Usage

```
<ping-results>
  <probe-result>
    <ip-options>
      <strict-source-route>
```

```

        <record-route-host>....</record-route-host>
      </strict-source-route>
    </ip-options>
  </probe-result>
</ping-results>

```

Description Strict source route (SSRR) IP option

<strict-source-route>

Usage

```

<hop>
  <probe-result>
    <ip-options>
      <strict-source-route>
        <record-route-host>....</record-route-host>
      </strict-source-route>
    </ip-options>
  </probe-result>
</hop>

```

Description Strict source route (SSRR) IP option

<strict-source-route>

Usage

```

<traceroute-results>
  <hop>
    <probe-result>
      <ip-options>
        <strict-source-route>
          <record-route-host>....</record-route-host>
        </strict-source-route>
      </ip-options>
    </probe-result>
  </hop>
</traceroute-results>

```

Description Strict source route (SSRR) IP option

<traceroute-results>

Usage

```

<traceroute-results>
  <target-host>
    target-host
  </target-host>
  <source>
    source
  </source>
  <target-ip>

```

```
    target-ip
  </target-ip>
  <packet-size>
    packet-size
  </packet-size>
  <max-hop-index>
    max-hop-index
  </max-hop-index>
  <hop>....</hop>
  <traceroute-success>
    traceroute-success
  </traceroute-success>
  <traceroute-failure>
    traceroute-failure
  </traceroute-failure>
</traceroute-results>
```

Description

<vpls-ping-results-summary>

Usage

```
<vpls-ping-results-summary>
  <lsping-packets-transmitted>
    lsping-packets-transmitted
  </lsping-packets-transmitted>
  <lsping-packets-received>
    lsping-packets-received
  </lsping-packets-received>
  <lsping-packet-loss>
    lsping-packet-loss
  </lsping-packet-loss>
  <lsping-error-packets>
    lsping-error-packets
  </lsping-error-packets>
</vpls-ping-results-summary>
```

Description Summary of vpls ping probe results

<vpls-ping-results-summary>

Usage

```
<lsping-results>
  <vpls-ping-results-summary>
    <lsping-packets-transmitted>
      lsping-packets-transmitted
    </lsping-packets-transmitted>
    <lsping-packets-received>
      lsping-packets-received
    </lsping-packets-received>
    <lsping-packet-loss>
      lsping-packet-loss
    </lsping-packet-loss>
    <lsping-error-packets>
```

```
    lsping-error-packets
  </lsping-error-packets>
</vpls-ping-results-summary>
</lsping-results>
```

Description Summary of vpls ping probe results

Summary of System Process Response Tags

<command-line-argument>

Usage

```
<command-line-argument-list>
  <command-line-argument>
    <argument-index>
      argument-index
    </argument-index>
    <argument>
      argument
    </argument>
  </command-line-argument>
</command-line-argument-list>
```

Description

<command-line-argument>

Usage

```
<process>
  <command-line-argument-list>
    <command-line-argument>
      <argument-index>
        argument-index
      </argument-index>
      <argument>
        argument
      </argument>
    </command-line-argument>
  </command-line-argument-list>
</process>
```

Description

<command-line-argument>

Usage

```
<process-information>
  <process>
    <command-line-argument-list>
      <command-line-argument>
        <argument-index>
          argument-index
        </argument-index>
      </command-line-argument>
    </command-line-argument-list>
  </process>
</process-information>
```

```
</argument-index>
<argument>
  argument
</argument>
</command-line-argument>
</command-line-argument-list>
</process>
</process-information>
```

Description**<command-line-argument-list>****Usage**

```
<command-line-argument-list>
  <command-line-argument>....</command-line-argument>
</command-line-argument-list>
```

Description List of arguments that were passed to the command

<command-line-argument-list>**Usage**

```
<process>
  <command-line-argument-list>
    <command-line-argument>....</command-line-argument>
  </command-line-argument-list>
</process>
```

Description List of arguments that were passed to the command

<command-line-argument-list>**Usage**

```
<process-information>
  <process>
    <command-line-argument-list>
      <command-line-argument>....</command-line-argument>
    </command-line-argument-list>
  </process>
</process-information>
```

Description List of arguments that were passed to the command

<memory-statistics>**Usage**

```
<memory-statistics>
  <memory-load>
    memory-load
  </memory-load>
```

```

<virtual-size>
  virtual-size
</virtual-size>
<resident-set-size>
  resident-set-size
</resident-set-size>
<resident-set-before-swap>
  resident-set-before-swap
</resident-set-before-swap>
<text-size>
  text-size
</text-size>
<data-size>
  data-size
</data-size>
<stack-size>
  stack-size
</stack-size>
</memory-statistics>

```

Description Memory usage statistics for the process

<memory-statistics>

Usage

```

<process>
  <memory-statistics>
    <memory-load>
      memory-load
    </memory-load>
    <virtual-size>
      virtual-size
    </virtual-size>
    <resident-set-size>
      resident-set-size
    </resident-set-size>
    <resident-set-before-swap>
      resident-set-before-swap
    </resident-set-before-swap>
    <text-size>
      text-size
    </text-size>
    <data-size>
      data-size
    </data-size>
    <stack-size>
      stack-size
    </stack-size>
  </memory-statistics>
</process>

```

Description Memory usage statistics for the process

<memory-statistics>

Usage

```
<process-information>
<process>
  <memory-statistics>
    <memory-load>
      memory-load
    </memory-load>
    <virtual-size>
      virtual-size
    </virtual-size>
    <resident-set-size>
      resident-set-size
    </resident-set-size>
    <resident-set-before-swap>
      resident-set-before-swap
    </resident-set-before-swap>
    <text-size>
      text-size
    </text-size>
    <data-size>
      data-size
    </data-size>
    <stack-size>
      stack-size
    </stack-size>
  </memory-statistics>
</process>
</process-information>
```

Description Memory usage statistics for the process

<process>

Usage

```
<process>
  <process-id>
    process-id
  </process-id>
  <name>
    name
  </name>
  <alias>
    alias
  </alias>
  <external-identifier>
    external-identifier
  </external-identifier>
  <primary-instance>
    primary-instance
  </primary-instance>
  <login-id>
    login-id
  </login-id>
```



```

</login-id>
<start-time>
  start-time
</start-time>
<parent-process-id>
  parent-process-id
</parent-process-id>
<process-group-id>
  process-group-id
</process-group-id>
<command>
  command
</command>
<command-line-argument-list>....</command-line-argument-list>
<terminal-device>
  terminal-device
</terminal-device>
<priority>
  priority
</priority>
<nice>
  nice
</nice>
<process-status>
  process-status
</process-status>
<process-flags>....</process-flags>
<sleep-information>....</sleep-information>
<resource-usage>....</resource-usage>
<memory-statistics>....</memory-statistics>
</process>

```

Description Information about a running process

<process>

Usage

```

<process-information>
<process>
  <process-id>
    process-id
  </process-id>
  <name>
    name
  </name>
  <alias>
    alias
  </alias>
  <external-identifier>
    external-identifier
  </external-identifier>
  <primary-instance>
    primary-instance
  </primary-instance>

```

```
<login-id>
  login-id
</login-id>
<start-time>
  start-time
</start-time>
<parent-process-id>
  parent-process-id
</parent-process-id>
<process-group-id>
  process-group-id
</process-group-id>
<command>
  command
</command>
<command-line-argument-list>....</command-line-argument-list>
<terminal-device>
  terminal-device
</terminal-device>
<priority>
  priority
</priority>
<nice>
  nice
</nice>
<process-status>
  process-status
</process-status>
<process-flags>....</process-flags>
<sleep-information>....</sleep-information>
<resource-usage>....</resource-usage>
<memory-statistics>....</memory-statistics>
</process>
</process-information>
```

Description Information about a running process

<process-flags>

Usage

```
<process-flags>
<interruptible>
  interruptible
</interruptible>
<advisory-lock>
  advisory-lock
</advisory-lock>
<controlling-terminal>
  controlling-terminal
</controlling-terminal>
<in-memory>
  in-memory
</in-memory>
<wait-child>
```

```

    wait-child
  </wait-child>
  <profiling>
    profiling
  </profiling>
  <select>
    select
  </select>
  <set-id-privileges>
    set-id-privileges
  </set-id-privileges>
  <system-process>
    system-process
  </system-process>
  <timing-out>
    timing-out
  </timing-out>
  <debug-trace>
    debug-trace
  </debug-trace>
  <debug-wait>
    debug-wait
  </debug-wait>
  <exiting>
    exiting
  </exiting>
  <exec>
    exec
  </exec>
</process-flags>

```

Description Process flags

<process-flags>

Usage

```

<process>
  <process-flags>
    <interruptible>
      interruptible
    </interruptible>
    <advisory-lock>
      advisory-lock
    </advisory-lock>
    <controlling-terminal>
      controlling-terminal
    </controlling-terminal>
    <in-memory>
      in-memory
    </in-memory>
    <wait-child>
      wait-child
    </wait-child>
    <profiling>

```

```

        profiling
      </profiling>
    <select>
      select
    </select>
    <set-id-privileges>
      set-id-privileges
    </set-id-privileges>
    <system-process>
      system-process
    </system-process>
    <timing-out>
      timing-out
    </timing-out>
    <debug-trace>
      debug-trace
    </debug-trace>
    <debug-wait>
      debug-wait
    </debug-wait>
    <exiting>
      exiting
    </exiting>
    <exec>
      exec
    </exec>
  </process-flags>
</process>

```

Description Process flags

<process-flags>

Usage

```

<process-information>
  <process>
    <process-flags>
      <interruptible>
        interruptible
      </interruptible>
      <advisory-lock>
        advisory-lock
      </advisory-lock>
      <controlling-terminal>
        controlling-terminal
      </controlling-terminal>
      <in-memory>
        in-memory
      </in-memory>
      <wait-child>
        wait-child
      </wait-child>
      <profiling>
        profiling
    </process-flags>
  </process>
</process-information>

```

```
</profiling>
<select>
  select
</select>
<set-id-privileges>
  set-id-privileges
</set-id-privileges>
<system-process>
  system-process
</system-process>
<timing-out>
  timing-out
</timing-out>
<debug-trace>
  debug-trace
</debug-trace>
<debug-wait>
  debug-wait
</debug-wait>
<exiting>
  exiting
</exiting>
<exec>
  exec
</exec>
</process-flags>
</process>
</process-information>
```

Description Process flags

<process-information>

Usage

```
<process-information>
  <scale-information>....</scale-information>
  <process>....</process>
  <system-information>....</system-information>
</process-information>
```

Description Information about running processes

<resource-usage>

Usage

```
<resource-usage>
  <cpu-load>
    cpu-load
  </cpu-load>
  <user-time>
    user-time
  </user-time>
  <system-time>
```

```
    system-time
  </system-time>
  <maximum-resident-set>
    maximum-resident-set
  </maximum-resident-set>
  <page-reclaims>
    page-reclaims
  </page-reclaims>
  <page-faults>
    page-faults
  </page-faults>
  <swaps>
    swaps
  </swaps>
  <block-input-operation>
    block-input-operation
  </block-input-operation>
  <block-output-operation>
    block-output-operation
  </block-output-operation>
  <messages-sent>
    messages-sent
  </messages-sent>
  <messages-received>
    messages-received
  </messages-received>
  <signals>
    signals
  </signals>
  <voluntary-context-switch>
    voluntary-context-switch
  </voluntary-context-switch>
  <involuntary-context-switch>
    involuntary-context-switch
  </involuntary-context-switch>
</resource-usage>
```

Description Resource usage statistics for the process

<resource-usage>

Usage

```
<process>
  <resource-usage>
    <cpu-load>
      cpu-load
    </cpu-load>
    <user-time>
      user-time
    </user-time>
    <system-time>
      system-time
    </system-time>
    <maximum-resident-set>
```

```

    maximum-resident-set
  </maximum-resident-set>
  <page-reclaims>
    page-reclaims
  </page-reclaims>
  <page-faults>
    page-faults
  </page-faults>
  <swaps>
    swaps
  </swaps>
  <block-input-operation>
    block-input-operation
  </block-input-operation>
  <block-output-operation>
    block-output-operation
  </block-output-operation>
  <messages-sent>
    messages-sent
  </messages-sent>
  <messages-received>
    messages-received
  </messages-received>
  <signals>
    signals
  </signals>
  <voluntary-context-switch>
    voluntary-context-switch
  </voluntary-context-switch>
  <involuntary-context-switch>
    involuntary-context-switch
  </involuntary-context-switch>
</resource-usage>
</process>

```

Description Resource usage statistics for the process

<resource-usage>

Usage

```

<process-information>
  <process>
    <resource-usage>
      <cpu-load>
        cpu-load
      </cpu-load>
      <user-time>
        user-time
      </user-time>
      <system-time>
        system-time
      </system-time>
      <maximum-resident-set>
        maximum-resident-set

```

```
</maximum-resident-set>
<page-reclaims>
  page-reclaims
</page-reclaims>
<page-faults>
  page-faults
</page-faults>
<swaps>
  swaps
</swaps>
<block-input-operation>
  block-input-operation
</block-input-operation>
<block-output-operation>
  block-output-operation
</block-output-operation>
<messages-sent>
  messages-sent
</messages-sent>
<messages-received>
  messages-received
</messages-received>
<signals>
  signals
</signals>
<voluntary-context-switch>
  voluntary-context-switch
</voluntary-context-switch>
<involuntary-context-switch>
  involuntary-context-switch
</involuntary-context-switch>
</resource-usage>
</process>
</process-information>
```

Description Resource usage statistics for the process

<scale-information>

Usage

```
<scale-information>
<memory-page-size>
  memory-page-size
</memory-page-size>
<physical-memory-pages>
  physical-memory-pages
</physical-memory-pages>
</scale-information>
```

Description Information about values used in computing scales for this report

<scale-information>**Usage**

```

<process-information>
  <scale-information>
    <memory-page-size>
      memory-page-size
    </memory-page-size>
    <physical-memory-pages>
      physical-memory-pages
    </physical-memory-pages>
  </scale-information>
</process-information>

```

Description Information about values used in computing scales for this report

<sleep-information>**Usage**

```

<sleep-information>
  <reason>
    reason
  </reason>
  <address>
    address
  </address>
</sleep-information>

```

Description**<sleep-information>****Usage**

```

<process>
  <sleep-information>
    <reason>
      reason
    </reason>
    <address>
      address
    </address>
  </sleep-information>
</process>

```

Description**<sleep-information>****Usage**

```

<process-information>
  <process>
    <sleep-information>

```

```
<reason>
  reason
</reason>
<address>
  address
</address>
</sleep-information>
</process>
</process-information>
```

Description

<system-cpu-states>

Usage

```
<system-cpu-states>
  <cpu-total-time>
    cpu-total-time
  </cpu-total-time>
  <cpu-user-time>
    cpu-user-time
  </cpu-user-time>
  <cpu-user-time-percent>
    cpu-user-time-percent
  </cpu-user-time-percent>
  <cpu-nice-time>
    cpu-nice-time
  </cpu-nice-time>
  <cpu-nice-time-percent>
    cpu-nice-time-percent
  </cpu-nice-time-percent>
  <cpu-system-time>
    cpu-system-time
  </cpu-system-time>
  <cpu-system-time-percent>
    cpu-system-time-percent
  </cpu-system-time-percent>
  <cpu-interrupts-time>
    cpu-interrupts-time
  </cpu-interrupts-time>
  <cpu-interrupts-time-percent>
    cpu-interrupts-time-percent
  </cpu-interrupts-time-percent>
  <cpu-idle-time>
    cpu-idle-time
  </cpu-idle-time>
  <cpu-idle-time-percent>
    cpu-idle-time-percent
  </cpu-idle-time-percent>
</system-cpu-states>
```

Description Process state information

<system-cpu-states>

Usage

```

<system-information>
  <system-cpu-states>
    <cpu-total-time>
      cpu-total-time
    </cpu-total-time>
    <cpu-user-time>
      cpu-user-time
    </cpu-user-time>
    <cpu-user-time-percent>
      cpu-user-time-percent
    </cpu-user-time-percent>
    <cpu-nice-time>
      cpu-nice-time
    </cpu-nice-time>
    <cpu-nice-time-percent>
      cpu-nice-time-percent
    </cpu-nice-time-percent>
    <cpu-system-time>
      cpu-system-time
    </cpu-system-time>
    <cpu-system-time-percent>
      cpu-system-time-percent
    </cpu-system-time-percent>
    <cpu-interrupts-time>
      cpu-interrupts-time
    </cpu-interrupts-time>
    <cpu-interrupts-time-percent>
      cpu-interrupts-time-percent
    </cpu-interrupts-time-percent>
    <cpu-idle-time>
      cpu-idle-time
    </cpu-idle-time>
    <cpu-idle-time-percent>
      cpu-idle-time-percent
    </cpu-idle-time-percent>
  </system-cpu-states>
</system-information>

```

Description Process state information

<system-cpu-states>

Usage

```

<process-information>
  <system-information>
    <system-cpu-states>
      <cpu-total-time>
        cpu-total-time
      </cpu-total-time>
      <cpu-user-time>
        cpu-user-time

```

```
</cpu-user-time>
<cpu-user-time-percent>
  cpu-user-time-percent
</cpu-user-time-percent>
<cpu-nice-time>
  cpu-nice-time
</cpu-nice-time>
<cpu-nice-time-percent>
  cpu-nice-time-percent
</cpu-nice-time-percent>
<cpu-system-time>
  cpu-system-time
</cpu-system-time>
<cpu-system-time-percent>
  cpu-system-time-percent
</cpu-system-time-percent>
<cpu-interrupts-time>
  cpu-interrupts-time
</cpu-interrupts-time>
<cpu-interrupts-time-percent>
  cpu-interrupts-time-percent
</cpu-interrupts-time-percent>
<cpu-idle-time>
  cpu-idle-time
</cpu-idle-time>
<cpu-idle-time-percent>
  cpu-idle-time-percent
</cpu-idle-time-percent>
</system-cpu-states>
</system-information>
</process-information>
```

Description Process state information

<system-information>

Usage

```
<system-information>
<system-hardware-cpu-architecture>
  system-hardware-cpu-architecture
</system-hardware-cpu-architecture>
<system-hardware-cpu-model>
  system-hardware-cpu-model
</system-hardware-cpu-model>
<system-hardware-cpu-count>
  system-hardware-cpu-count
</system-hardware-cpu-count>
<system-boot-device>
  system-boot-device
</system-boot-device>
<system-boot-next-device>
  system-boot-next-device
</system-boot-next-device>
<system-hardware-physical-memory>
```

```
    system-hardware-physical-memory
  </system-hardware-physical-memory>
  <system-hardware-user-memory>
    system-hardware-user-memory
  </system-hardware-user-memory>
  <system-hardware-page-size>
    system-hardware-page-size
  </system-hardware-page-size>
  <system-virtual-memory-page-size>
    system-virtual-memory-page-size
  </system-virtual-memory-page-size>
  <system-hardware-page-available>
    system-hardware-page-available
  </system-hardware-page-available>
  <system-hardware-routing-engine-name>
    system-hardware-routing-engine-name
  </system-hardware-routing-engine-name>
  <system-hardware-routing-engine-model>
    system-hardware-routing-engine-model
  </system-hardware-routing-engine-model>
  <system-hardware-routing-engine-serial-number>
    system-hardware-routing-engine-serial-number
  </system-hardware-routing-engine-serial-number>
  <system-hardware-routing-engine-other-present>
    system-hardware-routing-engine-other-present
  </system-hardware-routing-engine-other-present>
  <system-hardware-routing-engine-other-alive>
    system-hardware-routing-engine-other-alive
  </system-hardware-routing-engine-other-alive>
  <system-virtual-memory-swap-enabled>
    system-virtual-memory-swap-enabled
  </system-virtual-memory-swap-enabled>
  <system-virtual-memory-context-switches>
    system-virtual-memory-context-switches
  </system-virtual-memory-context-switches>
  <system-virtual-memory-trap>
    system-virtual-memory-trap
  </system-virtual-memory-trap>
  <system-virtual-memory-syscall>
    system-virtual-memory-syscall
  </system-virtual-memory-syscall>
  <system-virtual-memory-hard-interrupts>
    system-virtual-memory-hard-interrupts
  </system-virtual-memory-hard-interrupts>
  <system-virtual-memory-soft-interrupts>
    system-virtual-memory-soft-interrupts
  </system-virtual-memory-soft-interrupts>
  <system-virtual-memory-faults>
    system-virtual-memory-faults
  </system-virtual-memory-faults>
  <system-virtual-memory-copy-on-write-faults>
    system-virtual-memory-copy-on-write-faults
  </system-virtual-memory-copy-on-write-faults>
  <system-virtual-memory-copy-on-write-optimized>
    system-virtual-memory-copy-on-write-optimized
  </system-virtual-memory-copy-on-write-optimized>
```

```
<system-virtual-memory-zeroed-pages>
  system-virtual-memory-zeroed-pages
</system-virtual-memory-zeroed-pages>
<system-virtual-memory-zeroed-pages-optimized>
  system-virtual-memory-zeroed-pages-optimized
</system-virtual-memory-zeroed-pages-optimized>
<system-virtual-memory-swapin>
  system-virtual-memory-swapin
</system-virtual-memory-swapin>
<system-virtual-memory-swapout>
  system-virtual-memory-swapout
</system-virtual-memory-swapout>
<system-virtual-memory-swapped-in-pages>
  system-virtual-memory-swapped-in-pages
</system-virtual-memory-swapped-in-pages>
<system-virtual-memory-swapped-out-pages>
  system-virtual-memory-swapped-out-pages
</system-virtual-memory-swapped-out-pages>
<system-virtual-memory-reactivated-pages>
  system-virtual-memory-reactivated-pages
</system-virtual-memory-reactivated-pages>
<system-virtual-memory-vnode-in>
  system-virtual-memory-vnode-in
</system-virtual-memory-vnode-in>
<system-virtual-memory-vnode-out>
  system-virtual-memory-vnode-out
</system-virtual-memory-vnode-out>
<system-virtual-memory-vnode-page-ins>
  system-virtual-memory-vnode-page-ins
</system-virtual-memory-vnode-page-ins>
<system-virtual-memory-vnode-page-outs>
  system-virtual-memory-vnode-page-outs
</system-virtual-memory-vnode-page-outs>
<system-virtual-memory-pager-wakes>
  system-virtual-memory-pager-wakes
</system-virtual-memory-pager-wakes>
<system-virtual-memory-pager-scans>
  system-virtual-memory-pager-scans
</system-virtual-memory-pager-scans>
<system-virtual-memory-page-count>
  system-virtual-memory-page-count
</system-virtual-memory-page-count>
<system-virtual-memory-free-reserved>
  system-virtual-memory-free-reserved
</system-virtual-memory-free-reserved>
<system-virtual-memory-free-minimum>
  system-virtual-memory-free-minimum
</system-virtual-memory-free-minimum>
<system-virtual-memory-free-pages>
  system-virtual-memory-free-pages
</system-virtual-memory-free-pages>
<system-virtual-memory-wired-pages>
  system-virtual-memory-wired-pages
</system-virtual-memory-wired-pages>
<system-virtual-memory-active-pages>
  system-virtual-memory-active-pages
```

```

</system-virtual-memory-active-pages>
<system-virtual-memory-cache-pages>
  system-virtual-memory-cache-pages
</system-virtual-memory-cache-pages>
<system-virtual-memory-cache-pages-minimum>
  system-virtual-memory-cache-pages-minimum
</system-virtual-memory-cache-pages-minimum>
<system-virtual-memory-cache-pages-maximum>
  system-virtual-memory-cache-pages-maximum
</system-virtual-memory-cache-pages-maximum>

<system-virtual-memory-load-averages>....</system-virtual-memory-load-averages>

<system-last-pid>
  system-last-pid
</system-last-pid>
<system-process-counts>....</system-process-counts>
<system-cpu-states>....</system-cpu-states>
</system-information>

```

Description Information about the system

<system-information>

Usage

```

<process-information>
<system-information>
  <system-hardware-cpu-architecture>
    system-hardware-cpu-architecture
  </system-hardware-cpu-architecture>
  <system-hardware-cpu-model>
    system-hardware-cpu-model
  </system-hardware-cpu-model>
  <system-hardware-cpu-count>
    system-hardware-cpu-count
  </system-hardware-cpu-count>
  <system-boot-device>
    system-boot-device
  </system-boot-device>
  <system-boot-next-device>
    system-boot-next-device
  </system-boot-next-device>
  <system-hardware-physical-memory>
    system-hardware-physical-memory
  </system-hardware-physical-memory>
  <system-hardware-user-memory>
    system-hardware-user-memory
  </system-hardware-user-memory>
  <system-hardware-page-size>
    system-hardware-page-size
  </system-hardware-page-size>
  <system-virtual-memory-page-size>
    system-virtual-memory-page-size
  </system-virtual-memory-page-size>

```

```
<system-hardware-page-available>
  system-hardware-page-available
</system-hardware-page-available>
<system-hardware-routing-engine-name>
  system-hardware-routing-engine-name
</system-hardware-routing-engine-name>
<system-hardware-routing-engine-model>
  system-hardware-routing-engine-model
</system-hardware-routing-engine-model>
<system-hardware-routing-engine-serial-number>
  system-hardware-routing-engine-serial-number
</system-hardware-routing-engine-serial-number>
<system-hardware-routing-engine-other-present>
  system-hardware-routing-engine-other-present
</system-hardware-routing-engine-other-present>
<system-hardware-routing-engine-other-alive>
  system-hardware-routing-engine-other-alive
</system-hardware-routing-engine-other-alive>
<system-virtual-memory-swap-enabled>
  system-virtual-memory-swap-enabled
</system-virtual-memory-swap-enabled>
<system-virtual-memory-context-switches>
  system-virtual-memory-context-switches
</system-virtual-memory-context-switches>
<system-virtual-memory-trap>
  system-virtual-memory-trap
</system-virtual-memory-trap>
<system-virtual-memory-syscall>
  system-virtual-memory-syscall
</system-virtual-memory-syscall>
<system-virtual-memory-hard-interrupts>
  system-virtual-memory-hard-interrupts
</system-virtual-memory-hard-interrupts>
<system-virtual-memory-soft-interrupts>
  system-virtual-memory-soft-interrupts
</system-virtual-memory-soft-interrupts>
<system-virtual-memory-faults>
  system-virtual-memory-faults
</system-virtual-memory-faults>
<system-virtual-memory-copy-on-write-faults>
  system-virtual-memory-copy-on-write-faults
</system-virtual-memory-copy-on-write-faults>
<system-virtual-memory-copy-on-write-optimized>
  system-virtual-memory-copy-on-write-optimized
</system-virtual-memory-copy-on-write-optimized>
<system-virtual-memory-zeroed-pages>
  system-virtual-memory-zeroed-pages
</system-virtual-memory-zeroed-pages>
<system-virtual-memory-zeroed-pages-optimized>
  system-virtual-memory-zeroed-pages-optimized
</system-virtual-memory-zeroed-pages-optimized>
<system-virtual-memory-swapin>
  system-virtual-memory-swapin
</system-virtual-memory-swapin>
<system-virtual-memory-swapout>
  system-virtual-memory-swapout
```



```
</system-virtual-memory-swapout>
<system-virtual-memory-swapped-in-pages>
  system-virtual-memory-swapped-in-pages
</system-virtual-memory-swapped-in-pages>
<system-virtual-memory-swapped-out-pages>
  system-virtual-memory-swapped-out-pages
</system-virtual-memory-swapped-out-pages>
<system-virtual-memory-reactivated-pages>
  system-virtual-memory-reactivated-pages
</system-virtual-memory-reactivated-pages>
<system-virtual-memory-vnode-in>
  system-virtual-memory-vnode-in
</system-virtual-memory-vnode-in>
<system-virtual-memory-vnode-out>
  system-virtual-memory-vnode-out
</system-virtual-memory-vnode-out>
<system-virtual-memory-vnode-page-ins>
  system-virtual-memory-vnode-page-ins
</system-virtual-memory-vnode-page-ins>
<system-virtual-memory-vnode-page-outs>
  system-virtual-memory-vnode-page-outs
</system-virtual-memory-vnode-page-outs>
<system-virtual-memory-pager-wakes>
  system-virtual-memory-pager-wakes
</system-virtual-memory-pager-wakes>
<system-virtual-memory-pager-scans>
  system-virtual-memory-pager-scans
</system-virtual-memory-pager-scans>
<system-virtual-memory-page-count>
  system-virtual-memory-page-count
</system-virtual-memory-page-count>
<system-virtual-memory-free-reserved>
  system-virtual-memory-free-reserved
</system-virtual-memory-free-reserved>
<system-virtual-memory-free-minimum>
  system-virtual-memory-free-minimum
</system-virtual-memory-free-minimum>
<system-virtual-memory-free-pages>
  system-virtual-memory-free-pages
</system-virtual-memory-free-pages>
<system-virtual-memory-wired-pages>
  system-virtual-memory-wired-pages
</system-virtual-memory-wired-pages>
<system-virtual-memory-active-pages>
  system-virtual-memory-active-pages
</system-virtual-memory-active-pages>
<system-virtual-memory-cache-pages>
  system-virtual-memory-cache-pages
</system-virtual-memory-cache-pages>
<system-virtual-memory-cache-pages-minimum>
  system-virtual-memory-cache-pages-minimum
</system-virtual-memory-cache-pages-minimum>
<system-virtual-memory-cache-pages-maximum>
  system-virtual-memory-cache-pages-maximum
</system-virtual-memory-cache-pages-maximum>
```

```
<system-virtual-memory-load-averages>....</system-virtual-memory-load-averages>
```

```
    <system-last-pid>
      system-last-pid
    </system-last-pid>
    <system-process-counts>....</system-process-counts>
    <system-cpu-states>....</system-cpu-states>
  </system-information>
</process-information>
```

Description Information about the system

<system-process-counts>

Usage

```
<system-process-counts>
  <process-total>
    process-total
  </process-total>
  <process-run>
    process-run
  </process-run>
  <process-sleep>
    process-sleep
  </process-sleep>
  <process-start>
    process-start
  </process-start>
  <process-stop>
    process-stop
  </process-stop>
  <process-zombie>
    process-zombie
  </process-zombie>
</system-process-counts>
```

Description Number of processes on system

<system-process-counts>

Usage

```
<system-information>
  <system-process-counts>
    <process-total>
      process-total
    </process-total>
    <process-run>
      process-run
    </process-run>
    <process-sleep>
      process-sleep
    </process-sleep>
    <process-start>
```

```

        process-start
      </process-start>
    <process-stop>
      process-stop
    </process-stop>
    <process-zombie>
      process-zombie
    </process-zombie>
  </system-process-counts>
</system-information>

```

Description Number of processes on system

<system-process-counts>

Usage

```

<process-information>
  <system-information>
    <system-process-counts>
      <process-total>
        process-total
      </process-total>
      <process-run>
        process-run
      </process-run>
      <process-sleep>
        process-sleep
      </process-sleep>
      <process-start>
        process-start
      </process-start>
      <process-stop>
        process-stop
      </process-stop>
      <process-zombie>
        process-zombie
      </process-zombie>
    </system-process-counts>
  </system-information>
</process-information>

```

Description Number of processes on system

<system-virtual-memory-load-averages>

Usage

```

<system-virtual-memory-load-averages>
  <load-average-one-minute>
    load-average-one-minute
  </load-average-one-minute>
  <load-average-five-minute>
    load-average-five-minute
  </load-average-five-minute>

```

```
<load-average-fifteen-minute>
  load-average-fifteen-minute
</load-average-fifteen-minute>
</system-virtual-memory-load-averages>
```

Description Load averages

<system-virtual-memory-load-averages>

Usage

```
<system-information>
  <system-virtual-memory-load-averages>
    <load-average-one-minute>
      load-average-one-minute
    </load-average-one-minute>
    <load-average-five-minute>
      load-average-five-minute
    </load-average-five-minute>
    <load-average-fifteen-minute>
      load-average-fifteen-minute
    </load-average-fifteen-minute>
  </system-virtual-memory-load-averages>
</system-information>
```

Description Load averages

<system-virtual-memory-load-averages>

Usage

```
<process-information>
  <system-information>
    <system-virtual-memory-load-averages>
      <load-average-one-minute>
        load-average-one-minute
      </load-average-one-minute>
      <load-average-five-minute>
        load-average-five-minute
      </load-average-five-minute>
      <load-average-fifteen-minute>
        load-average-fifteen-minute
      </load-average-fifteen-minute>
    </system-virtual-memory-load-averages>
  </system-information>
</process-information>
```

Description Load averages

Summary of Product Metadata Response Tags

<product>

Usage

```

<product>
  <model>
    model
  </model>
  <product-number>
    product-number
  </product-number>
  <series>
    series
  </series>
  <product-line>
    product-line
  </product-line>
  <name>
    name
  </name>
  <description>
    description
  </description>
  <flag>
    flag
  </flag>
  <max-fpc-per-router>
    max-fpc-per-router
  </max-fpc-per-router>
  <max-fpc-per-chassis>
    max-fpc-per-chassis
  </max-fpc-per-chassis>
  <max-pics-per-slot>
    max-pics-per-slot
  </max-pics-per-slot>
  <max-sfm>
    max-sfm
  </max-sfm>
  <max-pfe-per-slot>
    max-pfe-per-slot
  </max-pfe-per-slot>
  <max-re>
    max-re
  </max-re>
  <max-chassis>
    max-chassis
  </max-chassis>
  <max-spmb-per-chassis>
    max-spmb-per-chassis
  </max-spmb-per-chassis>
  <max-sib-per-chassis>
    max-sib-per-chassis
  </max-sib-per-chassis>
  <max-pem-per-chassis>

```

```
    max-pem-per-chassis
  </max-pem-per-chassis>
  <max-fwd-classes>
    max-fwd-classes
  </max-fwd-classes>
  <defaults>
    defaults
  </defaults>
  <factory>
    factory
  </factory>
</product>
```

Description Information about a product

<product>

Usage

```
<product-metadata-information>
  <product>
    <model>
      model
    </model>
    <product-number>
      product-number
    </product-number>
    <series>
      series
    </series>
    <product-line>
      product-line
    </product-line>
    <name>
      name
    </name>
    <description>
      description
    </description>
    <flag>
      flag
    </flag>
    <max-fpc-per-router>
      max-fpc-per-router
    </max-fpc-per-router>
    <max-fpc-per-chassis>
      max-fpc-per-chassis
    </max-fpc-per-chassis>
    <max-pics-per-slot>
      max-pics-per-slot
    </max-pics-per-slot>
    <max-sfm>
      max-sfm
    </max-sfm>
    <max-pfe-per-slot>
```

```
    max-pfe-per-slot
  </max-pfe-per-slot>
  <max-re>
    max-re
  </max-re>
  <max-chassis>
    max-chassis
  </max-chassis>
  <max-spmb-per-chassis>
    max-spmb-per-chassis
  </max-spmb-per-chassis>
  <max-sib-per-chassis>
    max-sib-per-chassis
  </max-sib-per-chassis>
  <max-pem-per-chassis>
    max-pem-per-chassis
  </max-pem-per-chassis>
  <max-fwd-classes>
    max-fwd-classes
  </max-fwd-classes>
  <defaults>
    defaults
  </defaults>
  <factory>
    factory
  </factory>
</product>
</product-metadata-information>
```

Description Information about a product

<product-metadata-information>

Usage

```
<product-metadata-information>
<product>....</product>
</product-metadata-information>
```

Description Information on one or more products

Summary of R2CPD Response Tags

<r2cp-clear-result>

Usage

```
<r2cp-clear-result>
</r2cp-clear-result>
```

Description

<r2cp-counters>

Usage

```
<r2cp-counters>
  <r2cp-node-counters>....</r2cp-node-counters>
  <r2cp-session-counters>....</r2cp-session-counters>
</r2cp-counters>
```

Description

<r2cp-iflctl>

Usage

```
<r2cp-iflctl>
  <iflctl-name>
    iflctl-name
  </iflctl-name>
  <node-count>
    node-count
  </node-count>
</r2cp-iflctl>
```

Description

<r2cp-iflctl>

Usage

```
<r2cp-iflctl-information>
  <r2cp-iflctl>
    <iflctl-name>
      iflctl-name
    </iflctl-name>
    <node-count>
      node-count
    </node-count>
  </r2cp-iflctl>
</r2cp-iflctl-information>
```

Description

<r2cp-iflctl-information>

Usage

```
<r2cp-iflctl-information>
  <r2cp-iflctl>....</r2cp-iflctl>
</r2cp-iflctl-information>
```

Description

<r2cp-ifldata>

Usage

```
<r2cp-ifldata>
```



```

    <ifldata-name>
      ifldata-name
    </ifldata-name>
  </r2cp-ifldata>

```

Description

<r2cp-ifldata>

Usage

```

<r2cp-ifldata-information>
  <r2cp-ifldata>
    <ifldata-name>
      ifldata-name
    </ifldata-name>
  </r2cp-ifldata>
</r2cp-ifldata-information>

```

Description

<r2cp-ifldata-information>

Usage

```

<r2cp-ifldata-information>
  <r2cp-ifldata>.....</r2cp-ifldata>
</r2cp-ifldata-information>

```

Description

<r2cp-node>

Usage

```

<r2cp-node>
  <node-name>
    node-name
  </node-name>
  <node-client-address>
    node-client-address
  </node-client-address>
  <node-client-port>
    node-client-port
  </node-client-port>
  <node-sessions>
    node-sessions
  </node-sessions>
  <node-uptime>
    node-uptime
  </node-uptime>
  <node-status>
    node-status
  </node-status>
  <node-hbinterval>
    node-hbinterval
  </node-hbinterval>

```

```
<node-hbtime>
  node-hbtime
</node-hbtime>
</r2cp-node>
```

Description

<r2cp-node>

Usage

```
<r2cp-node-information>
  <r2cp-node>
    <node-name>
      node-name
    </node-name>
    <node-client-address>
      node-client-address
    </node-client-address>
    <node-client-port>
      node-client-port
    </node-client-port>
    <node-sessions>
      node-sessions
    </node-sessions>
    <node-uptime>
      node-uptime
    </node-uptime>
    <node-status>
      node-status
    </node-status>
    <node-hbinterval>
      node-hbinterval
    </node-hbinterval>
    <node-hbtime>
      node-hbtime
    </node-hbtime>
  </r2cp-node>
</r2cp-node-information>
```

Description

<r2cp-node-counters>

Usage

```
<r2cp-node-counters>
  <mim-recv>
    mim-recv
  </mim-recv>
  <heartbeat-recv>
    heartbeat-recv
  </heartbeat-recv>
  <nterm-recv>
    nterm-recv
  </nterm-recv>
```

```

<nterm-ack-recv>
  nterm-ack-recv
</nterm-ack-recv>
<rom-sent>
  rom-sent
</rom-sent>
<heartbeat-sent>
  heartbeat-sent
</heartbeat-sent>
<nterm-sent>
  nterm-sent
</nterm-sent>
<nterm-ack-sent>
  nterm-ack-sent
</nterm-ack-sent>
<mim-err>
  mim-err
</mim-err>
<heartbeat-err>
  heartbeat-err
</heartbeat-err>
<nterm-err>
  nterm-err
</nterm-err>
<nterm-ack-err>
  nterm-ack-err
</nterm-ack-err>
<heartbeat-tmo>
  heartbeat-tmo
</heartbeat-tmo>
<nterm-tmo>
  nterm-tmo
</nterm-tmo>
</r2cp-node-counters>

```

Description

<r2cp-node-counters>

Usage

```

<r2cp-counters>
<r2cp-node-counters>
  <mim-recv>
    mim-recv
  </mim-recv>
  <heartbeat-recv>
    heartbeat-recv
  </heartbeat-recv>
  <nterm-recv>
    nterm-recv
  </nterm-recv>
  <nterm-ack-recv>
    nterm-ack-recv
  </nterm-ack-recv>
  <rom-sent>

```

```
    rom-sent
  </rom-sent>
  <heartbeat-sent>
    heartbeat-sent
  </heartbeat-sent>
  <nterm-sent>
    nterm-sent
  </nterm-sent>
  <nterm-ack-sent>
    nterm-ack-sent
  </nterm-ack-sent>
  <mim-err>
    mim-err
  </mim-err>
  <heartbeat-err>
    heartbeat-err
  </heartbeat-err>
  <nterm-err>
    nterm-err
  </nterm-err>
  <nterm-ack-err>
    nterm-ack-err
  </nterm-ack-err>
  <heartbeat-tmo>
    heartbeat-tmo
  </heartbeat-tmo>
  <nterm-tmo>
    nterm-tmo
  </nterm-tmo>
</r2cp-node-counters>
</r2cp-counters>
```

Description

<r2cp-node-information>

Usage

```
<r2cp-node-information>
  <r2cp-node>....</r2cp-node>
</r2cp-node-information>
```

Description

<r2cp-session>

Usage

```
<r2cp-session>
  <session-id>
    session-id
  </session-id>
  <vc-id>
    vc-id
  </vc-id>
  <mac-address>
```

```

    mac-address
  </mac-address>
  <uptime>
    uptime
  </uptime>
  <vlan-ids>
    vlan-ids
  </vlan-ids>
  <term-vlan-ids>
    term-vlan-ids
  </term-vlan-ids>
  <packets-out>
    packets-out
  </packets-out>
  <session-status>
    session-status
  </session-status>
  <r2cp-session-update>....</r2cp-session-update>
  <r2cp-session-bandwidth>....</r2cp-session-bandwidth>
</r2cp-session>

```

Description

<r2cp-session>

Usage

```

<r2cp-session-information>
  <r2cp-session>
    <session-id>
      session-id
    </session-id>
    <vc-id>
      vc-id
    </vc-id>
    <mac-address>
      mac-address
    </mac-address>
    <uptime>
      uptime
    </uptime>
    <vlan-ids>
      vlan-ids
    </vlan-ids>
    <term-vlan-ids>
      term-vlan-ids
    </term-vlan-ids>
    <packets-out>
      packets-out
    </packets-out>
    <session-status>
      session-status
    </session-status>
    <r2cp-session-update>....</r2cp-session-update>
    <r2cp-session-bandwidth>....</r2cp-session-bandwidth>
  </r2cp-session>

```

</r2cp-session-information>

Description

<r2cp-session-bandwidth>

Usage

```
<r2cp-session>
  <r2cp-session-bandwidth>
    <effective-bandwidth>
      effective-bandwidth
    </effective-bandwidth>
    <last-change>
      last-change
    </last-change>
    <below-threshold>
      below-threshold
    </below-threshold>
  </r2cp-session-bandwidth>
</r2cp-session>
```

Description

<r2cp-session-bandwidth>

Usage

```
<r2cp-session-information>
  <r2cp-session>
    <r2cp-session-bandwidth>
      <effective-bandwidth>
        effective-bandwidth
      </effective-bandwidth>
      <last-change>
        last-change
      </last-change>
      <below-threshold>
        below-threshold
      </below-threshold>
    </r2cp-session-bandwidth>
  </r2cp-session>
</r2cp-session-information>
```

Description

<r2cp-session-counters>

Usage

```
<r2cp-session-counters>
  <sin-recv>
    sin-recv
  </sin-recv>
  <sup-recv>
    sup-recv
  </sup-recv>
```

```

<sterm-recv>
  sterm-recv
</sterm-recv>
<sterm-ack-recv>
  sterm-ack-recv
</sterm-ack-recv>
<sin-ack-sent>
  sin-ack-sent
</sin-ack-sent>
<sterm-sent>
  sterm-sent
</sterm-sent>
<sterm-ack-sent>
  sterm-ack-sent
</sterm-ack-sent>
<sin-err>
  sin-err
</sin-err>
<sup-err>
  sup-err
</sup-err>
<sterm-err>
  sterm-err
</sterm-err>
<sterm-ack-err>
  sterm-ack-err
</sterm-ack-err>
<sterm-tmo>
  sterm-tmo
</sterm-tmo>
</r2cp-session-counters>

```

Description

<r2cp-session-counters>

Usage

```

<r2cp-counters>
  <r2cp-session-counters>
    <sin-recv>
      sin-recv
    </sin-recv>
    <sup-recv>
      sup-recv
    </sup-recv>
    <sterm-recv>
      sterm-recv
    </sterm-recv>
    <sterm-ack-recv>
      sterm-ack-recv
    </sterm-ack-recv>
    <sin-ack-sent>
      sin-ack-sent
    </sin-ack-sent>
    <sterm-sent>

```

```
    sterm-sent
  </sterm-sent>
  <sterm-ack-sent>
    sterm-ack-sent
  </sterm-ack-sent>
  <sin-err>
    sin-err
  </sin-err>
  <sup-err>
    sup-err
  </sup-err>
  <sterm-err>
    sterm-err
  </sterm-err>
  <sterm-ack-err>
    sterm-ack-err
  </sterm-ack-err>
  <sterm-tmo>
    sterm-tmo
  </sterm-tmo>
</r2cp-session-counters>
</r2cp-counters>
```

Description

<r2cp-session-information>

Usage

```
<r2cp-session-information>
  <r2cp-session>.....</r2cp-session>
  <r2cp-session-update>.....</r2cp-session-update>
</r2cp-session-information>
```

Description

<r2cp-session-update>

Usage

```
<r2cp-session>
  <r2cp-session-update>
    <last-received>
      last-received
    </last-received>
    <current-bandwidth>
      current-bandwidth
    </current-bandwidth>
    <max-bandwidth>
      max-bandwidth
    </max-bandwidth>
    <quality>
      quality
    </quality>
    <resources>
      resources
```



```

    </resources>
    <latency>
      latency
    </latency>
  </r2cp-session-update>
</r2cp-session>

```

Description Late processed Session Update message

<r2cp-session-update>

Usage

```

<r2cp-session-information>
  <r2cp-session>
    <r2cp-session-update>
      <last-received>
        last-received
      </last-received>
      <current-bandwidth>
        current-bandwidth
      </current-bandwidth>
      <max-bandwidth>
        max-bandwidth
      </max-bandwidth>
      <quality>
        quality
      </quality>
      <resources>
        resources
      </resources>
      <latency>
        latency
      </latency>
    </r2cp-session-update>
  </r2cp-session>
</r2cp-session-information>

```

Description Late processed Session Update message

<r2cp-session-update>

Usage

```

<r2cp-session-information>
  <r2cp-session-update>
    <last-received>
      last-received
    </last-received>
    <current-bandwidth>
      current-bandwidth
    </current-bandwidth>
    <max-bandwidth>
      max-bandwidth
    </max-bandwidth>
  </r2cp-session-update>
</r2cp-session-information>

```

```
<quality>
  quality
</quality>
<resources>
  resources
</resources>
<latency>
  latency
</latency>
</r2cp-session-update>
</r2cp-session-information>
```

Description Late processed Session Update message

<r2cp-version>

Usage

```
<r2cp-version>
</r2cp-version>
```

Description

Summary of Redundant Interfaces Response Tags

<interface-redundancy>

Usage

```
<interface-redundancy>
<interface-name>
  interface-name
</interface-name>
<state>
  state
</state>
<last-change>
  last-change
</last-change>
<primary>
  primary
</primary>
<secondary>
  secondary
</secondary>
<current-status>
  current-status
</current-status>
</interface-redundancy>
```

Description

<interface-redundancy>

Usage

```
<interface-redundancy-information>
  <interface-redundancy>
    <interface-name>
      interface-name
    </interface-name>
    <state>
      state
    </state>
    <last-change>
      last-change
    </last-change>
    <primary>
      primary
    </primary>
    <secondary>
      secondary
    </secondary>
    <current-status>
      current-status
    </current-status>
  </interface-redundancy>
</interface-redundancy-information>
```

Description

<interface-redundancy-detail>

Usage

```
<interface-redundancy-detail>
  <interface-name>
    interface-name
  </interface-name>
  <state>
    state
  </state>
  <last-change>
    last-change
  </last-change>
  <primary>
    primary
  </primary>
  <secondary>
    secondary
  </secondary>
  <current-status>
    current-status
  </current-status>
  <mode>
    mode
  </mode>
</interface-redundancy-detail>
```

Description

<interface-redundancy-detail>

Usage

```
<interface-redundancy-detail-information>
  <interface-redundancy-detail>
    <interface-name>
      interface-name
    </interface-name>
    <state>
      state
    </state>
    <last-change>
      last-change
    </last-change>
    <primary>
      primary
    </primary>
    <secondary>
      secondary
    </secondary>
    <current-status>
      current-status
    </current-status>
    <mode>
      mode
    </mode>
  </interface-redundancy-detail>
</interface-redundancy-detail-information>
```

Description

<interface-redundancy-detail-information>

Usage

```
<interface-redundancy-detail-information>
  <interface-redundancy-detail>....</interface-redundancy-detail>
</interface-redundancy-detail-information>
```

Description

<interface-redundancy-information>

Usage

```
<interface-redundancy-information>
  <interface-redundancy>....</interface-redundancy>
</interface-redundancy-information>
```

Description

Summary of Relay Response Tags

<relay-group>

Usage

```
<relay-group>
  <relay-group-information>....</relay-group-information>
</relay-group>
```

Description

<relay-group-information>

Usage

```
<relay-group>
  <relay-group-information>
    <group-id>
      group-id
    </group-id>
    <group-state>
      group-state
    </group-state>
    <group-type>
      group-type
    </group-type>
    <group-member-count>
      group-member-count
    </group-member-count>
    <message-total>
      message-total
    </message-total>
    <message-total-size>
      message-total-size
    </message-total-size>
    <message-pending>
      message-pending
    </message-pending>
    <message-pending-size>
      message-pending-size
    </message-pending-size>
    <socket-full-count>
      socket-full-count
    </socket-full-count>
  </relay-group-information>
</relay-group>
```

Description Relay group information

<relay-information>

Usage

```
<relay-information>
```

```
<relay-state>
  relay-state
</relay-state>
<relay-server-name>
  relay-server-name
</relay-server-name>
<protocol-name>
  protocol-name
</protocol-name>
<connection-state>
  connection-state
</connection-state>
<group-count>
  group-count
</group-count>
</relay-information>
```

Description Relay information

<relay-member>

Usage

```
<relay-member>
  <relay-member-information>....</relay-member-information>
</relay-member>
```

Description Relay group member information

<relay-member-information>

Usage

```
<relay-member>
  <relay-member-information>
    <member-name>
      member-name
    </member-name>
    <member-local-index>
      member-local-index
    </member-local-index>
    <member-state>
      member-state
    </member-state>
    <message-total>
      message-total
    </message-total>
    <message-total-size>
      message-total-size
    </message-total-size>
    <message-pending>
      message-pending
    </message-pending>
    <message-pending-size>
      message-pending-size
```

```

</message-pending-size>
<reverse-message-total>
  reverse-message-total
</reverse-message-total>
<reverse-message-total-size>
  reverse-message-total-size
</reverse-message-total-size>
<reverse-message-pending>
  reverse-message-pending
</reverse-message-pending>
<reverse-message-pending-size>
  reverse-message-pending-size
</reverse-message-pending-size>
<socket-full-count>
  socket-full-count
</socket-full-count>
</relay-member-information>
</relay-member>

```

Description

Summary of Resource Cleanup Response Tags

<cleanup-resources>

Usage

```

<system-resource-cleanup-processes-information>
  <process-resource-cleanup>
    <cleanup-resources>
      <resource>....</resource>
    </cleanup-resources>
  </process-resource-cleanup>
</system-resource-cleanup-processes-information>

```

Description Resources that can be cleaned up

<process-resource-cleanup>

Usage

```

<system-resource-cleanup-processes-information>
  <process-resource-cleanup>
    <pid>
      pid
    </pid>
    <process-name>
      process-name
    </process-name>
    <cleanup-resources>....</cleanup-resources>
  </process-resource-cleanup>
</system-resource-cleanup-processes-information>

```

Description Resource clean up information for a process

<resource>**Usage**

```
<system-resource-cleanup-processes-information>
  <process-resource-cleanup>
    <cleanup-resources>
      <resource>
        <type>
          type
        </type>
        <major-number>
          major-number
        </major-number>
        <minor-number>
          minor-number
        </minor-number>
        <id>
          id
        </id>
        <key>
          key
        </key>
      </resource>
    </cleanup-resources>
  </process-resource-cleanup>
</system-resource-cleanup-processes-information>
```

Description Resource information

<resource-type>**Usage**

```
<system-resource-cleanup-resources-information>
  <resource-type>
    <type>
      type
    </type>
  </resource-type>
</system-resource-cleanup-resources-information>
```

Description Type of resource

<system-resource-cleanup-processes-information>**Usage**

```
<system-resource-cleanup-processes-information>
  <process-resource-cleanup>....</process-resource-cleanup>
</system-resource-cleanup-processes-information>
```

Description Resource clean up information for one or more processes

<system-resource-cleanup-resources-information>

Usage

```
<system-resource-cleanup-resources-information>
  <resource-type>....</resource-type>
</system-resource-cleanup-resources-information>
```

Description Resources types that can be cleaned up

Summary of Routing Protocols Response Tags

<accepted-prefix-limit>

Usage

```
<bgp-option-information>
  <accepted-prefix-limit>
    <nlri-type>
      nlri-type
    </nlri-type>
    <prefix-count>
      prefix-count
    </prefix-count>
    <limit-action>
      limit-action
    </limit-action>
    <warning-percentage>
      warning-percentage
    </warning-percentage>
  </accepted-prefix-limit>
</bgp-option-information>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <accepted-prefix-limit>
      <nlri-type>
        nlri-type
      </nlri-type>
      <prefix-count>
        prefix-count
      </prefix-count>
      <limit-action>
        limit-action
      </limit-action>
      <warning-percentage>
        warning-percentage
      </warning-percentage>
    </accepted-prefix-limit>
```

```
</bgp-option-information>
</bgp-peer>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <accepted-prefix-limit>
        <nlri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
        </prefix-count>
        <limit-action>
          limit-action
        </limit-action>
        <warning-percentage>
          warning-percentage
        </warning-percentage>
      </accepted-prefix-limit>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-group>
  <bgp-option-information>
    <accepted-prefix-limit>
      <nlri-type>
        nlri-type
      </nlri-type>
      <prefix-count>
        prefix-count
      </prefix-count>
      <limit-action>
        limit-action
      </limit-action>
      <warning-percentage>
        warning-percentage
      </warning-percentage>
    </accepted-prefix-limit>
  </bgp-option-information>
</bgp-group>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <accepted-prefix-limit>
        <nlri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
        </prefix-count>
        <limit-action>
          limit-action
        </limit-action>
        <warning-percentage>
          warning-percentage
        </warning-percentage>
      </accepted-prefix-limit>
    </bgp-option-information>
  </bgp-peer>
</bgp-information>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-option-information>
        <accepted-prefix-limit>
          <nlri-type>
            nlri-type
          </nlri-type>
          <prefix-count>
            prefix-count
          </prefix-count>
          <limit-action>
            limit-action
          </limit-action>
          <warning-percentage>
            warning-percentage
          </warning-percentage>
        </accepted-prefix-limit>
      </bgp-option-information>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-option-information>
      <accepted-prefix-limit>
        <nlri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
        </prefix-count>
        <limit-action>
          limit-action
        </limit-action>
        <warning-percentage>
          warning-percentage
        </warning-percentage>
      </accepted-prefix-limit>
    </bgp-option-information>
  </bgp-group>
</bgp-group-information>
```

Description Limit number of prefixes accepted by policy

<accepted-prefix-limit>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <accepted-prefix-limit>
          <nlri-type>
            nlri-type
          </nlri-type>
          <prefix-count>
            prefix-count
          </prefix-count>
          <limit-action>
            limit-action
          </limit-action>
          <warning-percentage>
            warning-percentage
          </warning-percentage>
        </accepted-prefix-limit>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>
```

Description Limit number of prefixes accepted by policy

<addpath-receive>

Usage

```
<bgp-option-information>
  <addpath-receive>
    <nlri-type>
      nlri-type
    </nlri-type>
    <addpath-receive-type>
      addpath-receive-type
    </addpath-receive-type>
  </addpath-receive>
</bgp-option-information>
```

Description

<addpath-receive>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <addpath-receive>
      <nlri-type>
        nlri-type
      </nlri-type>
      <addpath-receive-type>
        addpath-receive-type
      </addpath-receive-type>
    </addpath-receive>
  </bgp-option-information>
</bgp-peer>
```

Description

<addpath-receive>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <addpath-receive>
        <nlri-type>
          nlri-type
        </nlri-type>
        <addpath-receive-type>
          addpath-receive-type
        </addpath-receive-type>
      </addpath-receive>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
```

Description**<addpath-receive>****Usage**

```
<bgp-group>
  <bgp-option-information>
    <addpath-receive>
      <nlri-type>
        nlri-type
      </nlri-type>
      <addpath-receive-type>
        addpath-receive-type
      </addpath-receive-type>
    </addpath-receive>
  </bgp-option-information>
</bgp-group>
```

Description**<addpath-receive>****Usage**

```
<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <addpath-receive>
        <nlri-type>
          nlri-type
        </nlri-type>
        <addpath-receive-type>
          addpath-receive-type
        </addpath-receive-type>
      </addpath-receive>
    </bgp-option-information>
  </bgp-peer>
</bgp-information>
```

Description**<addpath-receive>****Usage**

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-option-information>
        <addpath-receive>
          <nlri-type>
            nlri-type
          </nlri-type>
          <addpath-receive-type>
            addpath-receive-type
          </addpath-receive-type>
        </addpath-receive>
      </bgp-option-information>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>
```

```

    </bgp-option-information>
  </bgp-peer>
</bgp-group>
</bgp-group-information>

```

Description

<addpath-receive>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-option-information>
      <addpath-receive>
        <nlri-type>
          nlri-type
        </nlri-type>
        <addpath-receive-type>
          addpath-receive-type
        </addpath-receive-type>
      </addpath-receive>
    </bgp-option-information>
  </bgp-group>
</bgp-group-information>

```

Description

<addpath-receive>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <addpath-receive>
          <nlri-type>
            nlri-type
          </nlri-type>
          <addpath-receive-type>
            addpath-receive-type
          </addpath-receive-type>
        </addpath-receive>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>

```

Description

<addpath-send>

Usage

```

<bgp-option-information>
  <addpath-send>

```

```
<nlri-type>
  nlri-type
</nlri-type>
<addpath-send-type>
  addpath-send-type
</addpath-send-type>
<addpath-send-count>
  addpath-send-count
</addpath-send-count>
<addpath-send-policy>
  addpath-send-policy
</addpath-send-policy>
</addpath-send>
</bgp-option-information>
```

Description

<addpath-send>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <addpath-send>
      <nlri-type>
        nlri-type
      </nlri-type>
      <addpath-send-type>
        addpath-send-type
      </addpath-send-type>
      <addpath-send-count>
        addpath-send-count
      </addpath-send-count>
      <addpath-send-policy>
        addpath-send-policy
      </addpath-send-policy>
    </addpath-send>
  </bgp-option-information>
</bgp-peer>
```

Description

<addpath-send>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <addpath-send>
        <nlri-type>
          nlri-type
        </nlri-type>
        <addpath-send-type>
          addpath-send-type
        </addpath-send-type>
```



```

    <addpath-send-count>
      addpath-send-count
    </addpath-send-count>
    <addpath-send-policy>
      addpath-send-policy
    </addpath-send-policy>
  </addpath-send>
</bgp-option-information>
</bgp-peer>
</bgp-group>

```

Description

<addpath-send>

Usage

```

<bgp-group>
  <bgp-option-information>
    <addpath-send>
      <nlri-type>
        nlri-type
      </nlri-type>
      <addpath-send-type>
        addpath-send-type
      </addpath-send-type>
      <addpath-send-count>
        addpath-send-count
      </addpath-send-count>
      <addpath-send-policy>
        addpath-send-policy
      </addpath-send-policy>
    </addpath-send>
  </bgp-option-information>
</bgp-group>

```

Description

<addpath-send>

Usage

```

<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <addpath-send>
        <nlri-type>
          nlri-type
        </nlri-type>
        <addpath-send-type>
          addpath-send-type
        </addpath-send-type>
        <addpath-send-count>
          addpath-send-count
        </addpath-send-count>
        <addpath-send-policy>

```

```
    addpath-send-policy
  </addpath-send-policy>
</addpath-send>
</bgp-option-information>
</bgp-peer>
</bgp-information>
```

Description

<addpath-send>

Usage

```
<bgp-group-information>
<bgp-group>
<bgp-peer>
  <bgp-option-information>
    <addpath-send>
      <nlr-type>
        nlri-type
      </nlr-type>
      <addpath-send-type>
        addpath-send-type
      </addpath-send-type>
      <addpath-send-count>
        addpath-send-count
      </addpath-send-count>
      <addpath-send-policy>
        addpath-send-policy
      </addpath-send-policy>
    </addpath-send>
  </bgp-option-information>
</bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<addpath-send>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-option-information>
    <addpath-send>
      <nlr-type>
        nlri-type
      </nlr-type>
      <addpath-send-type>
        addpath-send-type
      </addpath-send-type>
      <addpath-send-count>
        addpath-send-count
      </addpath-send-count>
      <addpath-send-policy>
```

```

        addpath-send-policy
      </addpath-send-policy>
    </addpath-send>
  </bgp-option-information>
</bgp-group>
</bgp-group-information>

```

Description

<addpath-send>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <addpath-send>
          <nlrri-type>
            nlri-type
          </nlri-type>
          <addpath-send-type>
            addpath-send-type
          </addpath-send-type>
          <addpath-send-count>
            addpath-send-count
          </addpath-send-count>
          <addpath-send-policy>
            addpath-send-policy
          </addpath-send-policy>
        </addpath-send>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>

```

Description

<admin-groups>

Usage

```

<admin-groups>
  <color>
    color
  </color>
  <no-group-flag>
    no-group-flag
  </no-group-flag>
  <admin-group-name>
    admin-group-name
  </admin-group-name>
  <admin-group-number>
    admin-group-number
  </admin-group-number>

```

</admin-groups>

Description

<admin-groups>

Usage

```
<isis-tlv>
  <reachability-tlv>
    <isis-reachability-subtlv>
      <admin-groups>
        <color>
          color
        </color>
        <no-group-flag>
          no-group-flag
        </no-group-flag>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups>
    </isis-reachability-subtlv>
  </reachability-tlv>
</isis-tlv>
```

Description

<admin-groups>

Usage

```
<isis-tlv>
  <isis-reachability-subtlv>
    <admin-groups>
      <color>
        color
      </color>
      <no-group-flag>
        no-group-flag
      </no-group-flag>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups>
  </isis-reachability-subtlv>
</isis-tlv>
```

Description

<admin-groups>**Usage**

```

<isis-database-entry>
  <isis-tlv>
    <reachability-tlv>
      <isis-reachability-subtlv>
        <admin-groups>
          <color>
            color
          </color>
          <no-group-flag>
            no-group-flag
          </no-group-flag>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
        </admin-groups>
      </isis-reachability-subtlv>
    </reachability-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<admin-groups>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <isis-reachability-subtlv>
      <admin-groups>
        <color>
          color
        </color>
        <no-group-flag>
          no-group-flag
        </no-group-flag>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups>
    </isis-reachability-subtlv>
  </isis-tlv>
</isis-database-entry>

```

Description

<admin-groups>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-tlv>
    <reachability-tlv>
      <isis-reachability-subtlv>
        <admin-groups>
          <color>
            color
          </color>
          <no-group-flag>
            no-group-flag
          </no-group-flag>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
        </admin-groups>
      </isis-reachability-subtlv>
    </reachability-tlv>
  </isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<admin-groups>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-tlv>
    <isis-reachability-subtlv>
      <admin-groups>
        <color>
          color
        </color>
        <no-group-flag>
          no-group-flag
        </no-group-flag>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups>
    </isis-reachability-subtlv>
  </isis-tlv>
</isis-database-entry>
```

```
</isis-database>
```

Description

<admin-groups>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <reachability-tlv>
          <isis-reachability-subtlv>
            <admin-groups>
              <color>
                color
              </color>
              <no-group-flag>
                no-group-flag
              </no-group-flag>
              <admin-group-name>
                admin-group-name
              </admin-group-name>
              <admin-group-number>
                admin-group-number
              </admin-group-number>
            </admin-groups>
          </isis-reachability-subtlv>
        </reachability-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<admin-groups>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-reachability-subtlv>
          <admin-groups>
            <color>
              color
            </color>
            <no-group-flag>
              no-group-flag
            </no-group-flag>
            <admin-group-name>
              admin-group-name
            </admin-group-name>
```

```
<admin-group-number>
  admin-group-number
</admin-group-number>
</admin-groups>
</isis-reachability-subtlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<admin-groups>

Usage

```
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
  <admin-groups>
    <color>
      color
    </color>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
```

Description

<admin-groups>

Usage

```
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
  <mpls-lsp-path>
    <admin-groups>
      <color>
        color
      </color>
      <no-group-flag>
        no-group-flag
      </no-group-flag>
      <admin-group-name>
        admin-group-name
```



```

        </admin-group-name>
        <admin-group-number>
        admin-group-number
        </admin-group-number>
    </admin-groups>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>

```

Description

<admin-groups>

Usage

```

<rsvp-session>
<mpls-lsp>
  <admin-groups>
    <color>
    color
    </color>
    <no-group-flag>
    no-group-flag
    </no-group-flag>
    <admin-group-name>
    admin-group-name
    </admin-group-name>
    <admin-group-number>
    admin-group-number
    </admin-group-number>
  </admin-groups>
</mpls-lsp>
</rsvp-session>

```

Description

<admin-groups>

Usage

```

<rsvp-session>
<mpls-lsp>
  <mpls-lsp-path>
    <admin-groups>
      <color>
      color
      </color>
      <no-group-flag>
      no-group-flag
      </no-group-flag>
      <admin-group-name>
      admin-group-name
      </admin-group-name>
      <admin-group-number>
      admin-group-number
    
```

```
        </admin-group-number>
      </admin-groups>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>
```

Description

<admin-groups>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <admin-groups>
          <color>
            color
          </color>
          <no-group-flag>
            no-group-flag
          </no-group-flag>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
        </admin-groups>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description

<admin-groups>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <admin-groups>
            <color>
              color
            </color>
            <no-group-flag>
              no-group-flag
            </no-group-flag>
            <admin-group-name>
              admin-group-name
            </admin-group-name>
```

```
<admin-group-number>  
  admin-group-number  
</admin-group-number>  
</admin-groups>  
</mpls-lsp-path>  
</mpls-lsp>  
</rsvp-session>  
</rsvp-session-data>  
</rsvp-session-information>
```

Description

<admin-groups>

Usage

```
<mpls-lsp-path>  
  <admin-groups>  
    <color>  
      color  
    </color>  
    <no-group-flag>  
      no-group-flag  
    </no-group-flag>  
    <admin-group-name>  
      admin-group-name  
    </admin-group-name>  
    <admin-group-number>  
      admin-group-number  
    </admin-group-number>  
  </admin-groups>  
</mpls-lsp-path>
```

Description

<admin-groups>

Usage

```
<mpls-lsp>  
  <admin-groups>  
    <color>  
      color  
    </color>  
    <no-group-flag>  
      no-group-flag  
    </no-group-flag>  
    <admin-group-name>  
      admin-group-name  
    </admin-group-name>  
    <admin-group-number>  
      admin-group-number  
    </admin-group-number>  
  </admin-groups>  
</mpls-lsp>
```

Description**<admin-groups>****Usage**

```
<mpls-lsp>
  <mpls-lsp-path>
    <admin-groups>
      <color>
        color
      </color>
      <no-group-flag>
        no-group-flag
      </no-group-flag>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups>
  </mpls-lsp-path>
</mpls-lsp>
```

Description**<admin-groups>****Usage**

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <admin-groups>
          <color>
            color
          </color>
          <no-group-flag>
            no-group-flag
          </no-group-flag>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
        </admin-groups>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description

<admin-groups>**Usage**

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <admin-groups>
            <color>
              color
            </color>
            <no-group-flag>
              no-group-flag
            </no-group-flag>
            <admin-group-name>
              admin-group-name
            </admin-group-name>
            <admin-group-number>
              admin-group-number
            </admin-group-number>
          </admin-groups>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description**<admin-groups>****Usage**

```

<ted-link>
  <admin-groups>
    <color>
      color
    </color>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups>
</ted-link>

```

Description

<admin-groups>

Usage

```
<ted-database>
<ted-link>
  <admin-groups>
    <color>
      color
    </color>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups>
</ted-link>
</ted-database>
```

Description

<admin-groups>

Usage

```
<ted-database-information>
<ted-database>
<ted-link>
  <admin-groups>
    <color>
      color
    </color>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups>
</ted-link>
</ted-database>
</ted-database-information>
```

Description

<admin-groups>

Usage

```
<ted-link-information>
```

```

<ted-link>
  <admin-groups>
    <color>
      color
    </color>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups>
</ted-link>
</ted-link-information>

```

Description

<admin-groups>

Usage

```

<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <admin-groups>
        <color>
          color
        </color>
        <no-group-flag>
          no-group-flag
        </no-group-flag>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups>
    </mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description

<admin-groups>

Usage

```

<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <admin-groups>

```

```
<color>
  color
</color>
<no-group-flag>
  no-group-flag
</no-group-flag>
<admin-group-name>
  admin-group-name
</admin-group-name>
<admin-group-number>
  admin-group-number
</admin-group-number>
</admin-groups>
</mpls-lsp-path>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description

<admin-groups-extended>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <admin-groups-extended>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups-extended>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>
```

Description

<admin-groups-extended>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <admin-groups-extended>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
```



```

        </admin-groups-extended>
      </mpls-lsp-path>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>

```

Description

<admin-groups-extended>

Usage

```

<rsvp-session>
  <mpls-lsp>
    <admin-groups-extended>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups-extended>
  </mpls-lsp>
</rsvp-session>

```

Description

<admin-groups-extended>

Usage

```

<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <admin-groups-extended>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups-extended>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>

```

Description

<admin-groups-extended>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <admin-groups-extended>

```

```
<admin-group-name>
  admin-group-name
</admin-group-name>
<admin-group-number>
  admin-group-number
</admin-group-number>
</admin-groups-extended>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description

<admin-groups-extended>

Usage

```
<rsvp-session-information>
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
  <mpls-lsp-path>
    <admin-groups-extended>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups-extended>
  </mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description

<admin-groups-extended>

Usage

```
<mpls-lsp-path>
  <admin-groups-extended>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups-extended>
</mpls-lsp-path>
```

Description

<admin-groups-extended>**Usage**

```

<mpls-lsp>
  <admin-groups-extended>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </admin-groups-extended>
</mpls-lsp>

```

Description**<admin-groups-extended>****Usage**

```

<mpls-lsp>
  <mpls-lsp-path>
    <admin-groups-extended>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups-extended>
  </mpls-lsp-path>
</mpls-lsp>

```

Description**<admin-groups-extended>****Usage**

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <admin-groups-extended>
          <admin-group-name>
            admin-group-name
          </admin-group-name>
          <admin-group-number>
            admin-group-number
          </admin-group-number>
        </admin-groups-extended>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description**<admin-groups-extended>****Usage**

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <admin-groups-extended>
            <admin-group-name>
              admin-group-name
            </admin-group-name>
            <admin-group-number>
              admin-group-number
            </admin-group-number>
          </admin-groups-extended>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description**<admin-groups-extended>****Usage**

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <admin-groups-extended>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
        <admin-group-number>
          admin-group-number
        </admin-group-number>
      </admin-groups-extended>
    </mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description**<admin-groups-extended>****Usage**

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <admin-groups-extended>
          <admin-group-name>
```

```

        admin-group-name
      </admin-group-name>
      <admin-group-number>
        admin-group-number
      </admin-group-number>
    </admin-groups-extended>
  </mpls-lsp-path>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description

<aggregate>

Usage

```

<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <aggregate>
          <aggregate-flags>
            aggregate-flags
          </aggregate-flags>
          <aggregate-depth>
            aggregate-depth
          </aggregate-depth>
          <aggregate-active>
            aggregate-active
          </aggregate-active>
          <aggregate-as-path>....</aggregate-as-path>
          <contributing-route-count>
            contributing-route-count
          </contributing-route-count>
          <aggregated-route>....</aggregated-route>
        </aggregate>
      </rt-entry>
    </rt>
  </route-table>
</route-information>

```

Description

<aggregate>

Usage

```

<route-summary-information>
  <route-table>
    <rt>
      <rt-entry>
        <aggregate>
          <aggregate-flags>
            aggregate-flags
          </aggregate-flags>

```

```
<aggregate-depth>
  aggregate-depth
</aggregate-depth>
<aggregate-active>
  aggregate-active
</aggregate-active>
<aggregate-as-path>....</aggregate-as-path>
<contributing-route-count>
  contributing-route-count
</contributing-route-count>
<aggregated-route>....</aggregated-route>
</aggregate>
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<aggregate-as-path>

Usage

```
<route-information>
<route-table>
<rt>
<rt-entry>
<aggregate>
  <aggregate-as-path>
    <as-path>
      as-path
    </as-path>
    <reference-count>
      reference-count
    </reference-count>
  </aggregate-as-path>
</aggregate>
</rt-entry>
</rt>
</route-table>
</route-information>
```

Description

<aggregate-as-path>

Usage

```
<route-summary-information>
<route-table>
<rt>
<rt-entry>
<aggregate>
  <aggregate-as-path>
    <as-path>
      as-path
```

```

        </as-path>
        <reference-count>
            reference-count
        </reference-count>
    </aggregate-as-path>
</aggregate>
</rt-entry>
</rt>
</route-table>
</route-summary-information>

```

Description

<aggregated-route>

Usage

```

<route-information>
<route-table>
<rt>
<rt-entry>
<aggregate>
    <aggregated-route>
        <destination-prefix>
            destination-prefix
        </destination-prefix>
        <protocol-name>
            protocol-name
        </protocol-name>
    </aggregated-route>
</aggregate>
</rt-entry>
</rt>
</route-table>
</route-information>

```

Description

<aggregated-route>

Usage

```

<route-summary-information>
<route-table>
<rt>
<rt-entry>
<aggregate>
    <aggregated-route>
        <destination-prefix>
            destination-prefix
        </destination-prefix>
        <protocol-name>
            protocol-name
        </protocol-name>
    </aggregated-route>
</aggregate>

```

```
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<amt-instance-statistics>

Usage

```
<amt-instance-statistics>
  <amt-relay-discovery-messages>
    amt-relay-discovery-messages
  </amt-relay-discovery-messages>
  <amt-relay-advertisement-messages>
    amt-relay-advertisement-messages
  </amt-relay-advertisement-messages>
  <amt-membership-request-messages>
    amt-membership-request-messages
  </amt-membership-request-messages>
  <amt-membership-query-messages>
    amt-membership-query-messages
  </amt-membership-query-messages>
  <amt-membership-update-messages>
    amt-membership-update-messages
  </amt-membership-update-messages>
  <amt-relay-discovery-invalid-address>
    amt-relay-discovery-invalid-address
  </amt-relay-discovery-invalid-address>
  <amt-membership-request-invalid-address>
    amt-membership-request-invalid-address
  </amt-membership-request-invalid-address>
  <amt-membership-update-invalid-address>
    amt-membership-update-invalid-address
  </amt-membership-update-invalid-address>
  <amt-incomplete-packet>
    amt-incomplete-packet
  </amt-incomplete-packet>
  <amt-invalid-mac>
    amt-invalid-mac
  </amt-invalid-mac>
  <amt-unexpected-type>
    amt-unexpected-type
  </amt-unexpected-type>
  <amt-incomplete-relay-discovery>
    amt-incomplete-relay-discovery
  </amt-incomplete-relay-discovery>
  <amt-incomplete-membership-request>
    amt-incomplete-membership-request
  </amt-incomplete-membership-request>
  <amt-incomplete-membership-update>
    amt-incomplete-membership-update
  </amt-incomplete-membership-update>
  <amt-no-active-gateway>
    amt-no-active-gateway
```



```

</amt-no-active-gateway>
<amt-invalid-inner-packet-checksum>
  amt-invalid-inner-packet-checksum
</amt-invalid-inner-packet-checksum>
<amt-gateways-timed-out>
  amt-gateways-timed-out
</amt-gateways-timed-out>
</amt-instance-statistics>

```

Description Display a summary of AMT instance statistics

<amt-summary>

Usage

```

<amt-summary>
  <amt-anycast-prefix>
    amt-anycast-prefix
  </amt-anycast-prefix>
  <amt-anycast-address>
    amt-anycast-address
  </amt-anycast-address>
  <amt-local-address>
    amt-local-address
  </amt-local-address>
  <amt-tunnel-limit>
    amt-tunnel-limit
  </amt-tunnel-limit>
  <amt-active-tunnels>
    amt-active-tunnels
  </amt-active-tunnels>
</amt-summary>

```

Description Display a summary of AMT configuration

<amt-tunnel>

Usage

```

<amt-tunnel>
  <amt-tunnel-gateway-address>
    amt-tunnel-gateway-address
  </amt-tunnel-gateway-address>
  <amt-tunnel-gateway-port>
    amt-tunnel-gateway-port
  </amt-tunnel-gateway-port>
  <amt-tunnel-interface>
    amt-tunnel-interface
  </amt-tunnel-interface>
  <amt-tunnel-state>
    amt-tunnel-state
  </amt-tunnel-state>
  <amt-inactivity-timeout>
    amt-inactivity-timeout
  </amt-inactivity-timeout>

```

```
<amt-tunnel-gateway-nonce>
  amt-tunnel-gateway-nonce
</amt-tunnel-gateway-nonce>
<amt-tunnel-gateway-mac>
  amt-tunnel-gateway-mac
</amt-tunnel-gateway-mac>
<amt-tunnel-multicast-groups>
  amt-tunnel-multicast-groups
</amt-tunnel-multicast-groups>
<mgm-group>....</mgm-group>
<amt-tunnel-message-count>....</amt-tunnel-message-count>
</amt-tunnel>
```

Description Display AMT tunnel information

<amt-tunnel>

Usage

```
<amt-tunnel-information>
<amt-tunnel>
  <amt-tunnel-gateway-address>
    amt-tunnel-gateway-address
  </amt-tunnel-gateway-address>
  <amt-tunnel-gateway-port>
    amt-tunnel-gateway-port
  </amt-tunnel-gateway-port>
  <amt-tunnel-interface>
    amt-tunnel-interface
  </amt-tunnel-interface>
  <amt-tunnel-state>
    amt-tunnel-state
  </amt-tunnel-state>
  <amt-inactivity-timeout>
    amt-inactivity-timeout
  </amt-inactivity-timeout>
  <amt-tunnel-gateway-nonce>
    amt-tunnel-gateway-nonce
  </amt-tunnel-gateway-nonce>
  <amt-tunnel-gateway-mac>
    amt-tunnel-gateway-mac
  </amt-tunnel-gateway-mac>
  <amt-tunnel-multicast-groups>
    amt-tunnel-multicast-groups
  </amt-tunnel-multicast-groups>
  <mgm-group>....</mgm-group>
  <amt-tunnel-message-count>....</amt-tunnel-message-count>
</amt-tunnel>
</amt-tunnel-information>
```

Description Display AMT tunnel information

<amt-tunnel-information>**Usage**

```

<amt-tunnel-information>
  <amt-tunnel>....</amt-tunnel>
</amt-tunnel-information>

```

Description Display AMT tunnel information

<amt-tunnel-message-count>**Usage**

```

<amt-tunnel>
  <amt-tunnel-message-count>
    <amt-request-message>
      amt-request-message
    </amt-request-message>
    <amt-membership-update-message>
      amt-membership-update-message
    </amt-membership-update-message>
  </amt-tunnel-message-count>
</amt-tunnel>

```

Description Control packets received from the gateway

<amt-tunnel-message-count>**Usage**

```

<amt-tunnel-information>
  <amt-tunnel>
    <amt-tunnel-message-count>
      <amt-request-message>
        amt-request-message
      </amt-request-message>
      <amt-membership-update-message>
        amt-membership-update-message
      </amt-membership-update-message>
    </amt-tunnel-message-count>
  </amt-tunnel>
</amt-tunnel-information>

```

Description Control packets received from the gateway

<area-address-tlv>**Usage**

```

<isis-tlv>
  <area-address-tlv>
    <address>
      address
    </address>

```

```
<tlv-length>
  tlv-length
</tlv-length>
</area-address-tlv>
</isis-tlv>
```

Description

<area-address-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <area-address-tlv>
      <address>
        address
      </address>
      <tlv-length>
        tlv-length
      </tlv-length>
    </area-address-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<area-address-tlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <area-address-tlv>
        <address>
          address
        </address>
        <tlv-length>
          tlv-length
        </tlv-length>
      </area-address-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<area-address-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <area-address-tlv>
```

```

    <address>
      address
    </address>
    <tlv-length>
      tlv-length
    </tlv-length>
  </area-address-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description**<aspath-bucket>****Usage**

```

<aspath-bucket>
  <aspath-entry>....</aspath-entry>
  <bucket>
    bucket
  </bucket>
  <count>
    count
  </count>
</aspath-bucket>

```

Description**<aspath-bucket>****Usage**

```

<aspath-table>
  <aspath-bucket>
    <aspath-entry>....</aspath-entry>
    <bucket>
      bucket
    </bucket>
    <count>
      count
    </count>
  </aspath-bucket>
</aspath-table>

```

Description**<aspath-bucket>****Usage**

```

<juniper-routing-aspath>
  <aspath-table>
    <aspath-bucket>
      <aspath-entry>....</aspath-entry>
      <bucket>

```

```
    bucket
  </bucket>
  <count>
    count
  </count>
</aspath-bucket>
</aspath-table>
</juniper-routing-aspath>
```

Description

<aspath-domain>

Usage

```
<aspath-domain>
  <identifier>
    identifier
  </identifier>
  <domain-flags>
    domain-flags
  </domain-flags>
  <primary>
    primary
  </primary>
  <references>
    references
  </references>
  <path-count>
    path-count
  </path-count>
  <local-asn>....</local-asn>
</aspath-domain>
```

Description

<aspath-domain>

Usage

```
<juniper-routing-aspath>
  <aspath-domain>
    <identifier>
      identifier
    </identifier>
    <domain-flags>
      domain-flags
    </domain-flags>
    <primary>
      primary
    </primary>
    <references>
      references
    </references>
    <path-count>
      path-count
```

```

    </path-count>
    <local-asn>....</local-asn>
  </aspath-domain>
</juniper-routing-aspath>

```

Description

<aspath-entry>

Usage

```

<aspath-entry>
  <as-path>
    as-path
  </as-path>
  <domain>
    domain
  </domain>
  <path-references>
    path-references
  </path-references>
  <length>
    length
  </length>
  <segments>
    segments
  </segments>
  <overhead>
    overhead
  </overhead>
  <compare-length>
    compare-length
  </compare-length>
  <neighbor-as>
    neighbor-as
  </neighbor-as>
  <entry-state>
    entry-state
  </entry-state>
</aspath-entry>

```

Description

<aspath-entry>

Usage

```

<aspath-bucket>
  <aspath-entry>
    <as-path>
      as-path
    </as-path>
    <domain>
      domain
    </domain>
    <path-references>

```

```
    path-references
  </path-references>
  <length>
    length
  </length>
  <segments>
    segments
  </segments>
  <overhead>
    overhead
  </overhead>
  <compare-length>
    compare-length
  </compare-length>
  <neighbor-as>
    neighbor-as
  </neighbor-as>
  <entry-state>
    entry-state
  </entry-state>
</aspath-entry>
</aspath-bucket>
```

Description

<aspath-entry>

Usage

```
<aspath-table>
<aspath-bucket>
  <aspath-entry>
    <as-path>
      as-path
    </as-path>
    <domain>
      domain
    </domain>
    <path-references>
      path-references
    </path-references>
    <length>
      length
    </length>
    <segments>
      segments
    </segments>
    <overhead>
      overhead
    </overhead>
    <compare-length>
      compare-length
    </compare-length>
    <neighbor-as>
      neighbor-as
    </neighbor-as>
```



```

    <entry-state>
      entry-state
    </entry-state>
  </aspath-entry>
</aspath-bucket>
</aspath-table>

```

Description

<aspath-entry>

Usage

```

<juniper-routing-aspath>
  <aspath-table>
    <aspath-bucket>
      <aspath-entry>
        <as-path>
          as-path
        </as-path>
        <domain>
          domain
        </domain>
        <path-references>
          path-references
        </path-references>
        <length>
          length
        </length>
        <segments>
          segments
        </segments>
        <overhead>
          overhead
        </overhead>
        <compare-length>
          compare-length
        </compare-length>
        <neighbor-as>
          neighbor-as
        </neighbor-as>
        <entry-state>
          entry-state
        </entry-state>
      </aspath-entry>
    </aspath-bucket>
  </aspath-table>
</juniper-routing-aspath>

```

Description

<aspath-table>

Usage

```

<aspath-table>

```

```
<path-count>
  path-count
</path-count>
<bucket-count>
  bucket-count
</bucket-count>
<bucket-max-entries>
  bucket-max-entries
</bucket-max-entries>
<bucket-min-entries>
  bucket-min-entries
</bucket-min-entries>
<bucket-avg-entries>
  bucket-avg-entries
</bucket-avg-entries>
<bucket-std-deviation>
  bucket-std-deviation
</bucket-std-deviation>
<aspath-bucket>....</aspath-bucket>
</aspath-table>
```

Description

<aspath-table>

Usage

```
<juniper-routing-aspath>
  <aspath-table>
    <path-count>
      path-count
    </path-count>
    <bucket-count>
      bucket-count
    </bucket-count>
    <bucket-max-entries>
      bucket-max-entries
    </bucket-max-entries>
    <bucket-min-entries>
      bucket-min-entries
    </bucket-min-entries>
    <bucket-avg-entries>
      bucket-avg-entries
    </bucket-avg-entries>
    <bucket-std-deviation>
      bucket-std-deviation
    </bucket-std-deviation>
    <aspath-bucket>....</aspath-bucket>
  </aspath-table>
</juniper-routing-aspath>
```

Description

<attrset>**Usage**

```

<route-information>
<route-table>
<rt>
  <rt-entry>
    <attrset>
      <attrset-as>
        attrset-as
      </attrset-as>
      <med>
        med
      </med>
      <local-preference>
        local-preference
      </local-preference>
      <as-path>
        as-path
      </as-path>
      <communities>....</communities>
      <cluster-id>
        cluster-id
      </cluster-id>
      <pmsi>
        pmsi
      </pmsi>
      <originator>
        originator
      </originator>
    </attrset>
  </rt-entry>
</rt>
</route-table>
</route-information>

```

Description**<attrset>****Usage**

```

<route-summary-information>
<route-table>
<rt>
  <rt-entry>
    <attrset>
      <attrset-as>
        attrset-as
      </attrset-as>
      <med>
        med
      </med>
      <local-preference>
        local-preference
      </local-preference>

```

```
<as-path>
  as-path
</as-path>
<communities>....</communities>
<cluster-id>
  cluster-id
</cluster-id>
<pmsi>
  pmsi
</pmsi>
<originator>
  originator
</originator>
</attrset>
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<authentication-tlv>

Usage

```
<isis-tlv>
  <authentication-tlv>
    <tlv-length>
      tlv-length
    </tlv-length>
  </authentication-tlv>
</isis-tlv>
```

Description

<authentication-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <authentication-tlv>
      <tlv-length>
        tlv-length
      </tlv-length>
    </authentication-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<authentication-tlv>

Usage

```
<isis-database>
  <isis-database-entry>
```

```

<isis-tlv>
  <authentication-tlv>
    <tlv-length>
      tlv-length
    </tlv-length>
  </authentication-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>

```

Description

<authentication-tlv>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <authentication-tlv>
          <tlv-length>
            tlv-length
          </tlv-length>
        </authentication-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description

<automatic-site-timers>

Usage

```

<automatic-site-timers>
  <automatic-site-startup-wait-time>
    automatic-site-startup-wait-time
  </automatic-site-startup-wait-time>
  <automatic-site-new-site-wait-time>
    automatic-site-new-site-wait-time
  </automatic-site-new-site-wait-time>
  <automatic-site-collision-detect-time>
    automatic-site-collision-detect-time
  </automatic-site-collision-detect-time>
  <automatic-site-reclaim-wait-time>
    automatic-site-reclaim-wait-time
  </automatic-site-reclaim-wait-time>
</automatic-site-timers>

```

Description

<automatic-site-timers>

Usage

```
<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
```

Description

<automatic-site-timers>

Usage

```
<instance>
  <vppls-protocol-state>
    <reference-site>
      <automatic-site-timers>
        <automatic-site-startup-wait-time>
          automatic-site-startup-wait-time
        </automatic-site-startup-wait-time>
        <automatic-site-new-site-wait-time>
          automatic-site-new-site-wait-time
        </automatic-site-new-site-wait-time>
        <automatic-site-collision-detect-time>
          automatic-site-collision-detect-time
        </automatic-site-collision-detect-time>
        <automatic-site-reclaim-wait-time>
          automatic-site-reclaim-wait-time
        </automatic-site-reclaim-wait-time>
      </automatic-site-timers>
    </reference-site>
  </vppls-protocol-state>
</instance>
```

Description

<automatic-site-timers>

Usage

```
<l2vpn-connection-information>
```

```

<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<automatic-site-timers>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <automatic-site-timers>
          <automatic-site-startup-wait-time>
            automatic-site-startup-wait-time
          </automatic-site-startup-wait-time>
          <automatic-site-new-site-wait-time>
            automatic-site-new-site-wait-time
          </automatic-site-new-site-wait-time>
          <automatic-site-collision-detect-time>
            automatic-site-collision-detect-time
          </automatic-site-collision-detect-time>
          <automatic-site-reclaim-wait-time>
            automatic-site-reclaim-wait-time
          </automatic-site-reclaim-wait-time>
        </automatic-site-timers>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<automatic-site-timers>

Usage

```

<vpls-connection-information>

```

```
<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description

<automatic-site-timers>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <automatic-site-timers>
          <automatic-site-startup-wait-time>
            automatic-site-startup-wait-time
          </automatic-site-startup-wait-time>
          <automatic-site-new-site-wait-time>
            automatic-site-new-site-wait-time
          </automatic-site-new-site-wait-time>
          <automatic-site-collision-detect-time>
            automatic-site-collision-detect-time
          </automatic-site-collision-detect-time>
          <automatic-site-reclaim-wait-time>
            automatic-site-reclaim-wait-time
          </automatic-site-reclaim-wait-time>
        </automatic-site-timers>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description

<automatic-site-timers>

Usage

```
<vpls-statistics-information>
```



```

<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
</vpls-statistics-information>

```

Description

<automatic-site-timers>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <automatic-site-timers>
          <automatic-site-startup-wait-time>
            automatic-site-startup-wait-time
          </automatic-site-startup-wait-time>
          <automatic-site-new-site-wait-time>
            automatic-site-new-site-wait-time
          </automatic-site-new-site-wait-time>
          <automatic-site-collision-detect-time>
            automatic-site-collision-detect-time
          </automatic-site-collision-detect-time>
          <automatic-site-reclaim-wait-time>
            automatic-site-reclaim-wait-time
          </automatic-site-reclaim-wait-time>
        </automatic-site-timers>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<automatic-site-timers>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>

```

```
<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<automatic-site-timers>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <automatic-site-timers>
          <automatic-site-startup-wait-time>
            automatic-site-startup-wait-time
          </automatic-site-startup-wait-time>
          <automatic-site-new-site-wait-time>
            automatic-site-new-site-wait-time
          </automatic-site-new-site-wait-time>
          <automatic-site-collision-detect-time>
            automatic-site-collision-detect-time
          </automatic-site-collision-detect-time>
          <automatic-site-reclaim-wait-time>
            automatic-site-reclaim-wait-time
          </automatic-site-reclaim-wait-time>
        </automatic-site-timers>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<automatic-site-timers>

Usage

```
<vpls-dynamic-interface-repository-information>
```

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <automatic-site-timers>
        <automatic-site-startup-wait-time>
          automatic-site-startup-wait-time
        </automatic-site-startup-wait-time>
        <automatic-site-new-site-wait-time>
          automatic-site-new-site-wait-time
        </automatic-site-new-site-wait-time>
        <automatic-site-collision-detect-time>
          automatic-site-collision-detect-time
        </automatic-site-collision-detect-time>
        <automatic-site-reclaim-wait-time>
          automatic-site-reclaim-wait-time
        </automatic-site-reclaim-wait-time>
      </automatic-site-timers>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<automatic-site-timers>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <automatic-site-timers>
            <automatic-site-startup-wait-time>
              automatic-site-startup-wait-time
            </automatic-site-startup-wait-time>
            <automatic-site-new-site-wait-time>
              automatic-site-new-site-wait-time
            </automatic-site-new-site-wait-time>
            <automatic-site-collision-detect-time>
              automatic-site-collision-detect-time
            </automatic-site-collision-detect-time>
            <automatic-site-reclaim-wait-time>
              automatic-site-reclaim-wait-time
            </automatic-site-reclaim-wait-time>
          </automatic-site-timers>
        </reference-site>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<automatic-site-timers>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <automatic-site-timers>
      <automatic-site-startup-wait-time>
        automatic-site-startup-wait-time
      </automatic-site-startup-wait-time>
      <automatic-site-new-site-wait-time>
        automatic-site-new-site-wait-time
      </automatic-site-new-site-wait-time>
      <automatic-site-collision-detect-time>
        automatic-site-collision-detect-time
      </automatic-site-collision-detect-time>
      <automatic-site-reclaim-wait-time>
        automatic-site-reclaim-wait-time
      </automatic-site-reclaim-wait-time>
    </automatic-site-timers>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<automatic-site-timers>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <automatic-site-timers>
        <automatic-site-startup-wait-time>
          automatic-site-startup-wait-time
        </automatic-site-startup-wait-time>
        <automatic-site-new-site-wait-time>
          automatic-site-new-site-wait-time
        </automatic-site-new-site-wait-time>
        <automatic-site-collision-detect-time>
          automatic-site-collision-detect-time
        </automatic-site-collision-detect-time>
        <automatic-site-reclaim-wait-time>
          automatic-site-reclaim-wait-time
        </automatic-site-reclaim-wait-time>
      </automatic-site-timers>
    </reference-site>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<backup-next-hop-element>**Usage**

```

<backup-next-hop-element>
  <interface-name>
    interface-name
  </interface-name>
  <isis-next-hop-type>
    isis-next-hop-type
  </isis-next-hop-type>
  <isis-next-hop>
    isis-next-hop
  </isis-next-hop>
  <snpa>
    snpa
  </snpa>
</backup-next-hop-element>

```

Description**<backup-next-hop-element>****Usage**

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-backup-spf-result>
        <backup-next-hop-element>
          <interface-name>
            interface-name
          </interface-name>
          <isis-next-hop-type>
            isis-next-hop-type
          </isis-next-hop-type>
          <isis-next-hop>
            isis-next-hop
          </isis-next-hop>
          <snpa>
            snpa
          </snpa>
        </backup-next-hop-element>
      </isis-backup-spf-result>
    </isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description**<backup-next-hop-element>****Usage**

```

<isis-overview-information>
  <isis-overview>
    <isis-spf-information>

```

```
<isis-spf>
  <isis-backup-spf-result>
    <backup-next-hop-element>
      <interface-name>
        interface-name
      </interface-name>
      <isis-next-hop-type>
        isis-next-hop-type
      </isis-next-hop-type>
      <isis-next-hop>
        isis-next-hop
      </isis-next-hop>
      <snpa>
        snpa
      </snpa>
    </backup-next-hop-element>
  </isis-backup-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>
```

Description

<backup-next-hop-element>

Usage

```
<isis-backup-spf-result>
  <backup-next-hop-element>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type
    </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
  </backup-next-hop-element>
</isis-backup-spf-result>
```

Description

<backup-next-hop-element>

Usage

```
<isis-spf>
  <isis-backup-spf-result>
    <backup-next-hop-element>
      <interface-name>
        interface-name
```

```

</interface-name>
<isis-next-hop-type>
  isis-next-hop-type
</isis-next-hop-type>
<isis-next-hop>
  isis-next-hop
</isis-next-hop>
<snpa>
  snpa
</snpa>
</backup-next-hop-element>
</isis-backup-spf-result>
</isis-spf>

```

Description

<backup-next-hop-element>

Usage

```

<isis-spf-information>
<isis-spf>
  <isis-backup-spf-result>
    <backup-next-hop-element>
      <interface-name>
        interface-name
      </interface-name>
      <isis-next-hop-type>
        isis-next-hop-type
      </isis-next-hop-type>
      <isis-next-hop>
        isis-next-hop
      </isis-next-hop>
      <snpa>
        snpa
      </snpa>
    </backup-next-hop-element>
  </isis-backup-spf-result>
</isis-spf>
</isis-spf-information>

```

Description

<backup-pes>

Usage

```

<multicast-backup-pe-groups-information>
<multicast-backup-pe-groups>
<multicast-backup-pe-group>
  <backup-pes>
    <multicast-backup-pe-address>
      multicast-backup-pe-address
    </multicast-backup-pe-address>
  </backup-pes>
</multicast-backup-pe-group>

```

```
</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>
```

Description Backup PE addresses

<bgp-bfd>

Usage

```
<bgp-bfd>
  <bfd-configuration-state>
    bfd-configuration-state
  </bfd-configuration-state>
  <bfd-operational-state>
    bfd-operational-state
  </bfd-operational-state>
</bgp-bfd>
```

Description

<bgp-bfd>

Usage

```
<bgp-peer>
  <bgp-bfd>
    <bfd-configuration-state>
      bfd-configuration-state
    </bfd-configuration-state>
    <bfd-operational-state>
      bfd-operational-state
    </bfd-operational-state>
  </bgp-bfd>
</bgp-peer>
```

Description

<bgp-bfd>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-bfd>
      <bfd-configuration-state>
        bfd-configuration-state
      </bfd-configuration-state>
      <bfd-operational-state>
        bfd-operational-state
      </bfd-operational-state>
    </bgp-bfd>
  </bgp-peer>
</bgp-group>
```

Description

<bgp-bfd>**Usage**

```

<bgp-information>
  <bgp-peer>
    <bgp-bfd>
      <bfd-configuration-state>
        bfd-configuration-state
      </bfd-configuration-state>
      <bfd-operational-state>
        bfd-operational-state
      </bfd-operational-state>
    </bgp-bfd>
  </bgp-peer>
</bgp-information>

```

Description**<bgp-bfd>****Usage**

```

<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-bfd>
        <bfd-configuration-state>
          bfd-configuration-state
        </bfd-configuration-state>
        <bfd-operational-state>
          bfd-operational-state
        </bfd-operational-state>
      </bgp-bfd>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>

```

Description**<bgp-bfd>****Usage**

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-bfd>
        <bfd-configuration-state>
          bfd-configuration-state
        </bfd-configuration-state>
        <bfd-operational-state>
          bfd-operational-state
        </bfd-operational-state>
      </bgp-bfd>
    </bgp-peer>
  </bgp-information>

```

```
</bgp-group-information>
```

Description

<bgp-bmp-information>

Usage

```
<bgp-bmp-information>
  <bmp-addr-port>
    bmp-addr-port
  </bmp-addr-port>
  <bmp-state>
    bmp-state
  </bmp-state>
  <bmp-memory-consumed>
    bmp-memory-consumed
  </bmp-memory-consumed>
  <bmp-statistics-timeout>
    bmp-statistics-timeout
  </bmp-statistics-timeout>
  <bmp-memory-limit>
    bmp-memory-limit
  </bmp-memory-limit>
  <bmp-memory-delay>
    bmp-memory-delay
  </bmp-memory-delay>
</bgp-bmp-information>
```

Description BGP BMP configuration and operational information

<bgp-error>

Usage

```
<bgp-error>
  <name>
    name
  </name>
  <send-count>
    send-count
  </send-count>
  <receive-count>
    receive-count
  </receive-count>
</bgp-error>
```

Description

<bgp-error>

Usage

```
<bgp-peer>
  <bgp-error>
    <name>
```

```

    name
  </name>
  <send-count>
    send-count
  </send-count>
  <receive-count>
    receive-count
  </receive-count>
</bgp-error>
</bgp-peer>

```

Description

<bgp-error>

Usage

```

<bgp-group>
  <bgp-peer>
    <bgp-error>
      <name>
        name
      </name>
      <send-count>
        send-count
      </send-count>
      <receive-count>
        receive-count
      </receive-count>
    </bgp-error>
  </bgp-peer>
</bgp-group>

```

Description

<bgp-error>

Usage

```

<bgp-information>
  <bgp-peer>
    <bgp-error>
      <name>
        name
      </name>
      <send-count>
        send-count
      </send-count>
      <receive-count>
        receive-count
      </receive-count>
    </bgp-error>
  </bgp-peer>
</bgp-information>

```

Description**<bgp-error>****Usage**

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-error>
        <name>
          name
        </name>
        <send-count>
          send-count
        </send-count>
        <receive-count>
          receive-count
        </receive-count>
      </bgp-error>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>
```

Description**<bgp-error>****Usage**

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-error>
        <name>
          name
        </name>
        <send-count>
          send-count
        </send-count>
        <receive-count>
          receive-count
        </receive-count>
      </bgp-error>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>
```

Description**<bgp-group>****Usage**

```
<bgp-group>
  <type>
    type
  </type>
```

```

<peer-as>
  peer-as
</peer-as>
<local-as>
  local-as
</local-as>
<group-index>
  group-index
</group-index>
<group-state>
  group-state
</group-state>
<name>
  name
</name>
<bgp-options>
  bgp-options
</bgp-options>
<bgp-options2>
  bgp-options2
</bgp-options2>
<group-flags>
  group-flags
</group-flags>
<peer-count>
  peer-count
</peer-count>
<established-count>
  established-count
</established-count>
<peer-address>
  peer-address
</peer-address>
<flap-count>
  flap-count
</flap-count>
<unconfigured-peers>....</unconfigured-peers>
<igp-protocol>
  igp-protocol
</igp-protocol>
<route-queue>....</route-queue>
<bgp-peer>....</bgp-peer>
<bgp-option-information>....</bgp-option-information>
<tracing-information>....</tracing-information>
<bgp-rib>....</bgp-rib>
</bgp-group>

```

Description Operational and configuration information for a BGP group

<bgp-group>

Usage

```

<bgp-group-information>
  <bgp-group>

```

```
<type>
  type
</type>
<peer-as>
  peer-as
</peer-as>
<local-as>
  local-as
</local-as>
<group-index>
  group-index
</group-index>
<group-state>
  group-state
</group-state>
<name>
  name
</name>
<bgp-options>
  bgp-options
</bgp-options>
<bgp-options2>
  bgp-options2
</bgp-options2>
<group-flags>
  group-flags
</group-flags>
<peer-count>
  peer-count
</peer-count>
<established-count>
  established-count
</established-count>
<peer-address>
  peer-address
</peer-address>
<flap-count>
  flap-count
</flap-count>
<unconfigured-peers>....</unconfigured-peers>
<igp-protocol>
  igp-protocol
</igp-protocol>
<route-queue>....</route-queue>
<bgp-peer>....</bgp-peer>
<bgp-option-information>....</bgp-option-information>
<tracing-information>....</tracing-information>
<bgp-rib>....</bgp-rib>
</bgp-group>
</bgp-group-information>
```

Description Operational and configuration information for a BGP group

<bgp-group-information>**Usage**

```

<bgp-group-information>
  <bgp-group>....</bgp-group>
  <bgp-information>....</bgp-information>
</bgp-group-information>

```

Description Operational and configuration information for BGP groups

<bgp-information>**Usage**

```

<bgp-information>
  <group-count>
    group-count
  </group-count>
  <peer-count>
    peer-count
  </peer-count>
  <external-peer-count>
    external-peer-count
  </external-peer-count>
  <internal-peer-count>
    internal-peer-count
  </internal-peer-count>
  <down-peer-count>
    down-peer-count
  </down-peer-count>
  <unconfigured-peer-count>
    unconfigured-peer-count
  </unconfigured-peer-count>
  <half-open-peer-count>
    half-open-peer-count
  </half-open-peer-count>
  <igp-converging>
    igp-converging
  </igp-converging>
  <flap-count>
    flap-count
  </flap-count>
  <bgp-rib>....</bgp-rib>
  <bgp-peer>....</bgp-peer>
</bgp-information>

```

Description Operational and configuration information for BGP

<bgp-information>**Usage**

```

<bgp-group-information>
  <bgp-information>

```

```
<group-count>
  group-count
</group-count>
<peer-count>
  peer-count
</peer-count>
<external-peer-count>
  external-peer-count
</external-peer-count>
<internal-peer-count>
  internal-peer-count
</internal-peer-count>
<down-peer-count>
  down-peer-count
</down-peer-count>
<unconfigured-peer-count>
  unconfigured-peer-count
</unconfigured-peer-count>
<half-open-peer-count>
  half-open-peer-count
</half-open-peer-count>
<igp-converging>
  igp-converging
</igp-converging>
<flap-count>
  flap-count
</flap-count>
<bgp-rib>.....</bgp-rib>
<bgp-peer>.....</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description Operational and configuration information for BGP

<bgp-option-information>

Usage

```
<bgp-option-information>
<export-policy>
  export-policy
</export-policy>
<import-policy>
  import-policy
</import-policy>
<bgp-options>
  bgp-options
</bgp-options>
<bgp-options2>
  bgp-options2
</bgp-options2>
<authentication-key>
  authentication-key
</authentication-key>
<authentication-key-chain>
```



```
    authentication-key-chain
  </authentication-key-chain>
  <authentication-algorithm>
    authentication-algorithm
  </authentication-algorithm>
  <authentication-configured>
    authentication-configured
  </authentication-configured>
  <address-families>
    address-families
  </address-families>
  <drop-path-attributes>
    drop-path-attributes
  </drop-path-attributes>
  <ignore-path-attributes>
    ignore-path-attributes
  </ignore-path-attributes>
  <local-address>
    local-address
  </local-address>
  <holdtime>
    holdtime
  </holdtime>
  <metric-out>
    metric-out
  </metric-out>
  <preference>
    preference
  </preference>
  <local-preference>
    local-preference
  </local-preference>
  <prefix-limit>....</prefix-limit>
  <accepted-prefix-limit>....</accepted-prefix-limit>
  <addpath-send>....</addpath-send>
  <addpath-receive>....</addpath-receive>
  <nlri-information>....</nlri-information>
  <local-as>
    local-as
  </local-as>
  <local-as-private>
    local-as-private
  </local-as-private>
  <local-system-as>
    local-system-as
  </local-system-as>
  <receive-buffer-size>
    receive-buffer-size
  </receive-buffer-size>
  <send-buffer-size>
    send-buffer-size
  </send-buffer-size>
  <outbound-timer>
    outbound-timer
  </outbound-timer>
  <med-action>
```

```
    med-action
  </med-action>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
</bgp-option-information>
```

Description

<bgp-option-information>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <export-policy>
      export-policy
    </export-policy>
    <import-policy>
      import-policy
    </import-policy>
    <bgp-options>
      bgp-options
    </bgp-options>
    <bgp-options2>
      bgp-options2
    </bgp-options2>
    <authentication-key>
      authentication-key
    </authentication-key>
    <authentication-key-chain>
      authentication-key-chain
    </authentication-key-chain>
    <authentication-algorithm>
      authentication-algorithm
    </authentication-algorithm>
    <authentication-configured>
      authentication-configured
    </authentication-configured>
    <address-families>
      address-families
    </address-families>
    <drop-path-attributes>
      drop-path-attributes
    </drop-path-attributes>
    <ignore-path-attributes>
      ignore-path-attributes
    </ignore-path-attributes>
    <local-address>
      local-address
    </local-address>
    <holdtime>
      holdtime
    </holdtime>
    <metric-out>
      metric-out
```

```

</metric-out>
<preference>
  preference
</preference>
<local-preference>
  local-preference
</local-preference>
<prefix-limit>....</prefix-limit>
<accepted-prefix-limit>....</accepted-prefix-limit>
<addpath-send>....</addpath-send>
<addpath-receive>....</addpath-receive>
<nlri-information>....</nlri-information>
<local-as>
  local-as
</local-as>
<local-as-private>
  local-as-private
</local-as-private>
<local-system-as>
  local-system-as
</local-system-as>
<receive-buffer-size>
  receive-buffer-size
</receive-buffer-size>
<send-buffer-size>
  send-buffer-size
</send-buffer-size>
<outbound-timer>
  outbound-timer
</outbound-timer>
<med-action>
  med-action
</med-action>
<ipsec-sa>
  ipsec-sa
</ipsec-sa>
</bgp-option-information>
</bgp-peer>

```

Description

<bgp-option-information>

Usage

```

<bgp-group>
<bgp-peer>
  <bgp-option-information>
    <export-policy>
      export-policy
    </export-policy>
    <import-policy>
      import-policy
    </import-policy>
  <bgp-options>
    bgp-options

```

```
</bgp-options>
<bgp-options2>
  bgp-options2
</bgp-options2>
<authentication-key>
  authentication-key
</authentication-key>
<authentication-key-chain>
  authentication-key-chain
</authentication-key-chain>
<authentication-algorithm>
  authentication-algorithm
</authentication-algorithm>
<authentication-configured>
  authentication-configured
</authentication-configured>
<address-families>
  address-families
</address-families>
<drop-path-attributes>
  drop-path-attributes
</drop-path-attributes>
<ignore-path-attributes>
  ignore-path-attributes
</ignore-path-attributes>
<local-address>
  local-address
</local-address>
<holdtime>
  holdtime
</holdtime>
<metric-out>
  metric-out
</metric-out>
<preference>
  preference
</preference>
<local-preference>
  local-preference
</local-preference>
<prefix-limit>....</prefix-limit>
<accepted-prefix-limit>....</accepted-prefix-limit>
<addpath-send>....</addpath-send>
<addpath-receive>....</addpath-receive>
<nlri-information>....</nlri-information>
<local-as>
  local-as
</local-as>
<local-as-private>
  local-as-private
</local-as-private>
<local-system-as>
  local-system-as
</local-system-as>
<receive-buffer-size>
  receive-buffer-size
```

```

</receive-buffer-size>
<send-buffer-size>
  send-buffer-size
</send-buffer-size>
<outbound-timer>
  outbound-timer
</outbound-timer>
<med-action>
  med-action
</med-action>
<ipsec-sa>
  ipsec-sa
</ipsec-sa>
</bgp-option-information>
</bgp-peer>
</bgp-group>

```

Description

<bgp-option-information>

Usage

```

<bgp-group>
  <bgp-option-information>
    <export-policy>
      export-policy
    </export-policy>
    <import-policy>
      import-policy
    </import-policy>
    <bgp-options>
      bgp-options
    </bgp-options>
    <bgp-options2>
      bgp-options2
    </bgp-options2>
    <authentication-key>
      authentication-key
    </authentication-key>
    <authentication-key-chain>
      authentication-key-chain
    </authentication-key-chain>
    <authentication-algorithm>
      authentication-algorithm
    </authentication-algorithm>
    <authentication-configured>
      authentication-configured
    </authentication-configured>
    <address-families>
      address-families
    </address-families>
    <drop-path-attributes>
      drop-path-attributes
    </drop-path-attributes>
    <ignore-path-attributes>

```

```
    ignore-path-attributes
  </ignore-path-attributes>
  <local-address>
    local-address
  </local-address>
  <holdtime>
    holdtime
  </holdtime>
  <metric-out>
    metric-out
  </metric-out>
  <preference>
    preference
  </preference>
  <local-preference>
    local-preference
  </local-preference>
  <prefix-limit>....</prefix-limit>
  <accepted-prefix-limit>....</accepted-prefix-limit>
  <addpath-send>....</addpath-send>
  <addpath-receive>....</addpath-receive>
  <nlri-information>....</nlri-information>
  <local-as>
    local-as
  </local-as>
  <local-as-private>
    local-as-private
  </local-as-private>
  <local-system-as>
    local-system-as
  </local-system-as>
  <receive-buffer-size>
    receive-buffer-size
  </receive-buffer-size>
  <send-buffer-size>
    send-buffer-size
  </send-buffer-size>
  <outbound-timer>
    outbound-timer
  </outbound-timer>
  <med-action>
    med-action
  </med-action>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
</bgp-option-information>
</bgp-group>
```

Description

<bgp-option-information>

Usage

<bgp-information>

```
<bgp-peer>
  <bgp-option-information>
    <export-policy>
      export-policy
    </export-policy>
    <import-policy>
      import-policy
    </import-policy>
    <bgp-options>
      bgp-options
    </bgp-options>
    <bgp-options2>
      bgp-options2
    </bgp-options2>
    <authentication-key>
      authentication-key
    </authentication-key>
    <authentication-key-chain>
      authentication-key-chain
    </authentication-key-chain>
    <authentication-algorithm>
      authentication-algorithm
    </authentication-algorithm>
    <authentication-configured>
      authentication-configured
    </authentication-configured>
    <address-families>
      address-families
    </address-families>
    <drop-path-attributes>
      drop-path-attributes
    </drop-path-attributes>
    <ignore-path-attributes>
      ignore-path-attributes
    </ignore-path-attributes>
    <local-address>
      local-address
    </local-address>
    <holdtime>
      holdtime
    </holdtime>
    <metric-out>
      metric-out
    </metric-out>
    <preference>
      preference
    </preference>
    <local-preference>
      local-preference
    </local-preference>
    <prefix-limit>....</prefix-limit>
    <accepted-prefix-limit>....</accepted-prefix-limit>
    <addpath-send>....</addpath-send>
    <addpath-receive>....</addpath-receive>
    <nlri-information>....</nlri-information>
    <local-as>
```

```
    local-as
  </local-as>
  <local-as-private>
    local-as-private
  </local-as-private>
  <local-system-as>
    local-system-as
  </local-system-as>
  <receive-buffer-size>
    receive-buffer-size
  </receive-buffer-size>
  <send-buffer-size>
    send-buffer-size
  </send-buffer-size>
  <outbound-timer>
    outbound-timer
  </outbound-timer>
  <med-action>
    med-action
  </med-action>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
</bgp-option-information>
</bgp-peer>
</bgp-information>
```

Description

<bgp-option-information>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-option-information>
        <export-policy>
          export-policy
        </export-policy>
        <import-policy>
          import-policy
        </import-policy>
        <bgp-options>
          bgp-options
        </bgp-options>
        <bgp-options2>
          bgp-options2
        </bgp-options2>
        <authentication-key>
          authentication-key
        </authentication-key>
        <authentication-key-chain>
          authentication-key-chain
        </authentication-key-chain>
        <authentication-algorithm>
```



```
    authentication-algorithm
  </authentication-algorithm>
  <authentication-configured>
    authentication-configured
  </authentication-configured>
  <address-families>
    address-families
  </address-families>
  <drop-path-attributes>
    drop-path-attributes
  </drop-path-attributes>
  <ignore-path-attributes>
    ignore-path-attributes
  </ignore-path-attributes>
  <local-address>
    local-address
  </local-address>
  <holdtime>
    holdtime
  </holdtime>
  <metric-out>
    metric-out
  </metric-out>
  <preference>
    preference
  </preference>
  <local-preference>
    local-preference
  </local-preference>
  <prefix-limit>....</prefix-limit>
  <accepted-prefix-limit>....</accepted-prefix-limit>
  <addpath-send>....</addpath-send>
  <addpath-receive>....</addpath-receive>
  <nlri-information>....</nlri-information>
  <local-as>
    local-as
  </local-as>
  <local-as-private>
    local-as-private
  </local-as-private>
  <local-system-as>
    local-system-as
  </local-system-as>
  <receive-buffer-size>
    receive-buffer-size
  </receive-buffer-size>
  <send-buffer-size>
    send-buffer-size
  </send-buffer-size>
  <outbound-timer>
    outbound-timer
  </outbound-timer>
  <med-action>
    med-action
  </med-action>
  <ipsec-sa>
```

```
    ipsec-sa
  </ipsec-sa>
</bgp-option-information>
</bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<bgp-option-information>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-option-information>
    <export-policy>
      export-policy
    </export-policy>
    <import-policy>
      import-policy
    </import-policy>
    <bgp-options>
      bgp-options
    </bgp-options>
    <bgp-options2>
      bgp-options2
    </bgp-options2>
    <authentication-key>
      authentication-key
    </authentication-key>
    <authentication-key-chain>
      authentication-key-chain
    </authentication-key-chain>
    <authentication-algorithm>
      authentication-algorithm
    </authentication-algorithm>
    <authentication-configured>
      authentication-configured
    </authentication-configured>
    <address-families>
      address-families
    </address-families>
    <drop-path-attributes>
      drop-path-attributes
    </drop-path-attributes>
    <ignore-path-attributes>
      ignore-path-attributes
    </ignore-path-attributes>
    <local-address>
      local-address
    </local-address>
    <holdtime>
      holdtime
    </holdtime>
    <metric-out>
```

```

    metric-out
  </metric-out>
  <preference>
    preference
  </preference>
  <local-preference>
    local-preference
  </local-preference>
  <prefix-limit>....</prefix-limit>
  <accepted-prefix-limit>....</accepted-prefix-limit>
  <addpath-send>....</addpath-send>
  <addpath-receive>....</addpath-receive>
  <nlri-information>....</nlri-information>
  <local-as>
    local-as
  </local-as>
  <local-as-private>
    local-as-private
  </local-as-private>
  <local-system-as>
    local-system-as
  </local-system-as>
  <receive-buffer-size>
    receive-buffer-size
  </receive-buffer-size>
  <send-buffer-size>
    send-buffer-size
  </send-buffer-size>
  <outbound-timer>
    outbound-timer
  </outbound-timer>
  <med-action>
    med-action
  </med-action>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
</bgp-option-information>
</bgp-group>
</bgp-group-information>

```

Description

<bgp-option-information>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <export-policy>
          export-policy
        </export-policy>
        <import-policy>
          import-policy

```

```
</import-policy>
<bgp-options>
  bgp-options
</bgp-options>
<bgp-options2>
  bgp-options2
</bgp-options2>
<authentication-key>
  authentication-key
</authentication-key>
<authentication-key-chain>
  authentication-key-chain
</authentication-key-chain>
<authentication-algorithm>
  authentication-algorithm
</authentication-algorithm>
<authentication-configured>
  authentication-configured
</authentication-configured>
<address-families>
  address-families
</address-families>
<drop-path-attributes>
  drop-path-attributes
</drop-path-attributes>
<ignore-path-attributes>
  ignore-path-attributes
</ignore-path-attributes>
<local-address>
  local-address
</local-address>
<holdtime>
  holdtime
</holdtime>
<metric-out>
  metric-out
</metric-out>
<preference>
  preference
</preference>
<local-preference>
  local-preference
</local-preference>
<prefix-limit>....</prefix-limit>
<accepted-prefix-limit>....</accepted-prefix-limit>
<addpath-send>....</addpath-send>
<addpath-receive>....</addpath-receive>
<nlri-information>....</nlri-information>
<local-as>
  local-as
</local-as>
<local-as-private>
  local-as-private
</local-as-private>
<local-system-as>
  local-system-as
```

```

</local-system-as>
<receive-buffer-size>
  receive-buffer-size
</receive-buffer-size>
<send-buffer-size>
  send-buffer-size
</send-buffer-size>
<outbound-timer>
  outbound-timer
</outbound-timer>
<med-action>
  med-action
</med-action>
<ipsec-sa>
  ipsec-sa
</ipsec-sa>
</bgp-option-information>
</bgp-peer>
</bgp-information>
</bgp-group-information>

```

Description

<bgp-orf>

Usage

```

<bgp-orf>
  <peer-address>
    peer-address
  </peer-address>
  <peer-type>
    peer-type
  </peer-type>
  <group-name>
    group-name
  </group-name>
  <bgp-orf-nlri-info>....</bgp-orf-nlri-info>
</bgp-orf>

```

Description

<bgp-orf>

Usage

```

<bgp-orf-information>
  <bgp-orf>
    <peer-address>
      peer-address
    </peer-address>
    <peer-type>
      peer-type
    </peer-type>
    <group-name>
      group-name

```

```
</group-name>
<bgp-orf-nlri-info>....</bgp-orf-nlri-info>
</bgp-orf>
</bgp-orf-information>
```

Description

<bgp-orf-extcomm-filter>

Usage

```
<bgp-orf-filter-info>
<bgp-orf-extcomm-filter>
<extended-community>
  extended-community
</extended-community>
</bgp-orf-extcomm-filter>
</bgp-orf-filter-info>
```

Description

<bgp-orf-extcomm-filter>

Usage

```
<bgp-orf-filter-information>
<bgp-orf-filter-info>
<bgp-orf-extcomm-filter>
<extended-community>
  extended-community
</extended-community>
</bgp-orf-extcomm-filter>
</bgp-orf-filter-info>
</bgp-orf-filter-information>
```

Description

<bgp-orf-extcomm-filter>

Usage

```
<bgp-orf-nlri-info>
<bgp-orf-filter-information>
<bgp-orf-filter-info>
<bgp-orf-extcomm-filter>
<extended-community>
  extended-community
</extended-community>
</bgp-orf-extcomm-filter>
</bgp-orf-filter-info>
</bgp-orf-filter-information>
</bgp-orf-nlri-info>
```

Description

<bgp-orf-extcomm-filter>**Usage**

```

<bgp-orf>
  <bgp-orf-nlri-info>
    <bgp-orf-filter-information>
      <bgp-orf-filter-info>
        <bgp-orf-extcomm-filter>
          <extended-community>
            extended-community
          </extended-community>
        </bgp-orf-extcomm-filter>
      </bgp-orf-filter-info>
    </bgp-orf-filter-information>
  </bgp-orf-nlri-info>
</bgp-orf>

```

Description**<bgp-orf-extcomm-filter>****Usage**

```

<bgp-orf-information>
  <bgp-orf>
    <bgp-orf-nlri-info>
      <bgp-orf-filter-information>
        <bgp-orf-filter-info>
          <bgp-orf-extcomm-filter>
            <extended-community>
              extended-community
            </extended-community>
          </bgp-orf-extcomm-filter>
        </bgp-orf-filter-info>
      </bgp-orf-filter-information>
    </bgp-orf-nlri-info>
  </bgp-orf>
</bgp-orf-information>

```

Description**<bgp-orf-filter-info>****Usage**

```

<bgp-orf-filter-info>
  <bgp-orf-extcomm-filter>....</bgp-orf-extcomm-filter>
  <bgp-orf-prefix-filter>....</bgp-orf-prefix-filter>
</bgp-orf-filter-info>

```

Description

<bgp-orf-filter-info>

Usage

```
<bgp-orf-filter-information>
  <bgp-orf-filter-info>
    <bgp-orf-extcomm-filter>....</bgp-orf-extcomm-filter>
    <bgp-orf-prefix-filter>....</bgp-orf-prefix-filter>
  </bgp-orf-filter-info>
</bgp-orf-filter-information>
```

Description

<bgp-orf-filter-info>

Usage

```
<bgp-orf-nlri-info>
  <bgp-orf-filter-information>
    <bgp-orf-filter-info>
      <bgp-orf-extcomm-filter>....</bgp-orf-extcomm-filter>
      <bgp-orf-prefix-filter>....</bgp-orf-prefix-filter>
    </bgp-orf-filter-info>
  </bgp-orf-filter-information>
</bgp-orf-nlri-info>
```

Description

<bgp-orf-filter-info>

Usage

```
<bgp-orf>
  <bgp-orf-nlri-info>
    <bgp-orf-filter-information>
      <bgp-orf-filter-info>
        <bgp-orf-extcomm-filter>....</bgp-orf-extcomm-filter>
        <bgp-orf-prefix-filter>....</bgp-orf-prefix-filter>
      </bgp-orf-filter-info>
    </bgp-orf-filter-information>
  </bgp-orf-nlri-info>
</bgp-orf>
```

Description

<bgp-orf-filter-info>

Usage

```
<bgp-orf-information>
  <bgp-orf>
    <bgp-orf-nlri-info>
      <bgp-orf-filter-information>
        <bgp-orf-filter-info>
          <bgp-orf-extcomm-filter>....</bgp-orf-extcomm-filter>
          <bgp-orf-prefix-filter>....</bgp-orf-prefix-filter>
        </bgp-orf-filter-info>
      </bgp-orf-filter-information>
    </bgp-orf-nlri-info>
  </bgp-orf>
```



```

    </bgp-orf-filter-information>
  </bgp-orf-nlri-info>
</bgp-orf>
</bgp-orf-information>

```

Description

<bgp-orf-filter-information>

Usage

```

<bgp-orf-filter-information>
  <filter-type>
    filter-type
  </filter-type>
  <filter-mode>
    filter-mode
  </filter-mode>
  <filter-in-updates>
    filter-in-updates
  </filter-in-updates>
  <filter-out-updates>
    filter-out-updates
  </filter-out-updates>
  <filter-qcount>
    filter-qcount
  </filter-qcount>
  <bgp-orf-filter-info>....</bgp-orf-filter-info>
</bgp-orf-filter-information>

```

Description

<bgp-orf-filter-information>

Usage

```

<bgp-orf-nlri-info>
  <bgp-orf-filter-information>
    <filter-type>
      filter-type
    </filter-type>
    <filter-mode>
      filter-mode
    </filter-mode>
    <filter-in-updates>
      filter-in-updates
    </filter-in-updates>
    <filter-out-updates>
      filter-out-updates
    </filter-out-updates>
    <filter-qcount>
      filter-qcount
    </filter-qcount>
    <bgp-orf-filter-info>....</bgp-orf-filter-info>
  </bgp-orf-filter-information>

```

```
</bgp-orf-nlri-info>
```

Description

<bgp-orf-filter-information>

Usage

```
<bgp-orf>
  <bgp-orf-nlri-info>
    <bgp-orf-filter-information>
      <filter-type>
        filter-type
      </filter-type>
      <filter-mode>
        filter-mode
      </filter-mode>
      <filter-in-updates>
        filter-in-updates
      </filter-in-updates>
      <filter-out-updates>
        filter-out-updates
      </filter-out-updates>
      <filter-qcount>
        filter-qcount
      </filter-qcount>
      <bgp-orf-filter-info>....</bgp-orf-filter-info>
    </bgp-orf-filter-information>
  </bgp-orf-nlri-info>
</bgp-orf>
```

Description

<bgp-orf-filter-information>

Usage

```
<bgp-orf-information>
  <bgp-orf>
    <bgp-orf-nlri-info>
      <bgp-orf-filter-information>
        <filter-type>
          filter-type
        </filter-type>
        <filter-mode>
          filter-mode
        </filter-mode>
        <filter-in-updates>
          filter-in-updates
        </filter-in-updates>
        <filter-out-updates>
          filter-out-updates
        </filter-out-updates>
        <filter-qcount>
          filter-qcount
        </filter-qcount>
```

```

        <bgp-orf-filter-info>....</bgp-orf-filter-info>
      </bgp-orf-filter-information>
    </bgp-orf-nlri-info>
  </bgp-orf>
</bgp-orf-information>

```

Description**<bgp-orf-information>****Usage**

```

<bgp-orf-information>
  <bgp-orf>....</bgp-orf>
</bgp-orf-information>

```

Description Operational information on BGP Outbound Route filtering

<bgp-orf-nlri-info>**Usage**

```

<bgp-orf-nlri-info>
  <nlri-name>
    nlri-name
  </nlri-name>
  <filter-in-updates>
    filter-in-updates
  </filter-in-updates>
  <filter-out-updates>
    filter-out-updates
  </filter-out-updates>
  <filter-qcount>
    filter-qcount
  </filter-qcount>
  <immediate-count>
    immediate-count
  </immediate-count>
  <bgp-orf-filter-information>....</bgp-orf-filter-information>
</bgp-orf-nlri-info>

```

Description**<bgp-orf-nlri-info>****Usage**

```

<bgp-orf>
  <bgp-orf-nlri-info>
    <nlri-name>
      nlri-name
    </nlri-name>
    <filter-in-updates>
      filter-in-updates
    </filter-in-updates>
    <filter-out-updates>

```

```
    filter-out-updates
  </filter-out-updates>
  <filter-qcount>
    filter-qcount
  </filter-qcount>
  <immediate-count>
    immediate-count
  </immediate-count>
  <bgp-orf-filter-information>....</bgp-orf-filter-information>
</bgp-orf-nlri-info>
</bgp-orf>
```

Description

<bgp-orf-nlri-info>

Usage

```
<bgp-orf-information>
  <bgp-orf>
    <bgp-orf-nlri-info>
      <nlri-name>
        nlri-name
      </nlri-name>
      <filter-in-updates>
        filter-in-updates
      </filter-in-updates>
      <filter-out-updates>
        filter-out-updates
      </filter-out-updates>
      <filter-qcount>
        filter-qcount
      </filter-qcount>
      <immediate-count>
        immediate-count
      </immediate-count>
      <bgp-orf-filter-information>....</bgp-orf-filter-information>
    </bgp-orf-nlri-info>
  </bgp-orf>
</bgp-orf-information>
```

Description

<bgp-orf-prefix-filter>

Usage

```
<bgp-orf-filter-info>
  <bgp-orf-prefix-filter>
    <prefix-orf>
      prefix-orf
    </prefix-orf>
  </bgp-orf-prefix-filter>
</bgp-orf-filter-info>
```

Description

<bgp-orf-prefix-filter>

Usage

```

<bgp-orf-filter-information>
  <bgp-orf-filter-info>
    <bgp-orf-prefix-filter>
      <prefix-orf>
        prefix-orf
      </prefix-orf>
    </bgp-orf-prefix-filter>
  </bgp-orf-filter-info>
</bgp-orf-filter-information>

```

Description

<bgp-orf-prefix-filter>

Usage

```

<bgp-orf-nlri-info>
  <bgp-orf-filter-information>
    <bgp-orf-filter-info>
      <bgp-orf-prefix-filter>
        <prefix-orf>
          prefix-orf
        </prefix-orf>
      </bgp-orf-prefix-filter>
    </bgp-orf-filter-info>
  </bgp-orf-filter-information>
</bgp-orf-nlri-info>

```

Description

<bgp-orf-prefix-filter>

Usage

```

<bgp-orf>
  <bgp-orf-nlri-info>
    <bgp-orf-filter-information>
      <bgp-orf-filter-info>
        <bgp-orf-prefix-filter>
          <prefix-orf>
            prefix-orf
          </prefix-orf>
        </bgp-orf-prefix-filter>
      </bgp-orf-filter-info>
    </bgp-orf-filter-information>
  </bgp-orf-nlri-info>
</bgp-orf>

```

Description

<bgp-orf-prefix-filter>

Usage

```
<bgp-orf-information>
  <bgp-orf>
    <bgp-orf-nlri-info>
      <bgp-orf-filter-information>
        <bgp-orf-filter-info>
          <bgp-orf-prefix-filter>
            <prefix-orf>
              prefix-orf
            </prefix-orf>
          </bgp-orf-prefix-filter>
        </bgp-orf-filter-info>
      </bgp-orf-filter-information>
    </bgp-orf-nlri-info>
  </bgp-orf>
</bgp-orf-information>
```

Description

<bgp-output-queue>

Usage

```
<bgp-peer>
  <bgp-output-queue>
    <number>
      number
    </number>
    <count>
      count
    </count>
  </bgp-output-queue>
</bgp-peer>
```

Description

<bgp-output-queue>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-output-queue>
      <number>
        number
      </number>
      <count>
        count
      </count>
    </bgp-output-queue>
  </bgp-peer>
</bgp-group>
```

Description

<bgp-output-queue>

Usage

```

<bgp-information>
  <bgp-peer>
    <bgp-output-queue>
      <number>
        number
      </number>
      <count>
        count
      </count>
    </bgp-output-queue>
  </bgp-peer>
</bgp-information>

```

Description

<bgp-output-queue>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-output-queue>
        <number>
          number
        </number>
        <count>
          count
        </count>
      </bgp-output-queue>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>

```

Description

<bgp-output-queue>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-output-queue>
        <number>
          number
        </number>
        <count>
          count
        </count>
      </bgp-output-queue>
    </bgp-peer>

```

```
</bgp-information>
</bgp-group-information>
```

Description

<bgp-peer>

Usage

```
<bgp-peer>
  <peer-address>
    peer-address
  </peer-address>
  <peer-as>
    peer-as
  </peer-as>
  <local-address>
    local-address
  </local-address>
  <local-as>
    local-as
  </local-as>
  <description>
    description
  </description>
  <peer-type>
    peer-type
  </peer-type>
  <route-reflector-client>
    route-reflector-client
  </route-reflector-client>
  <peer-state>
    peer-state
  </peer-state>
  <peer-flags>
    peer-flags
  </peer-flags>
  <last-state>
    last-state
  </last-state>
  <last-event>
    last-event
  </last-event>
  <last-error>
    last-error
  </last-error>
  <bgp-option-information>.....</bgp-option-information>
  <flap-count>
    flap-count
  </flap-count>
  <last-flap-event>
    last-flap-event
  </last-flap-event>
  <peer-id>
    peer-id
  </peer-id>
```



```
<local-id>
  local-id
</local-id>
<active-holdtime>
  active-holdtime
</active-holdtime>
<keepalive-interval>
  keepalive-interval
</keepalive-interval>
<peer-index>
  peer-index
</peer-index>
<bgp-bfd>....</bgp-bfd>
<local-interface-name>
  local-interface-name
</local-interface-name>
<local-interface-index>
  local-interface-index
</local-interface-index>
<nlri-type-peer>
  nlri-type-peer
</nlri-type-peer>
<nlri-type-session>
  nlri-type-session
</nlri-type-session>
<peer-no-refresh>
  peer-no-refresh
</peer-no-refresh>
<peer-refresh-capability>
  peer-refresh-capability
</peer-refresh-capability>
<peer-4byte-as-capability-not-supported>
  peer-4byte-as-capability-not-supported
</peer-4byte-as-capability-not-supported>
<peer-4byte-as-capability-advertised>
  peer-4byte-as-capability-advertised
</peer-4byte-as-capability-advertised>
<peer-addpath-not-supported>
  peer-addpath-not-supported
</peer-addpath-not-supported>
<peer-addpath-only-nlri>
  peer-addpath-only-nlri
</peer-addpath-only-nlri>
<peer-addpath-sonly-nlri>
  peer-addpath-sonly-nlri
</peer-addpath-sonly-nlri>
<peer-addpath-rs-nlri>
  peer-addpath-rs-nlri
</peer-addpath-rs-nlri>
<peer-restart-nlri-configured>
  peer-restart-nlri-configured
</peer-restart-nlri-configured>
<peer-restart-time-configured>
  peer-restart-time-configured
</peer-restart-time-configured>
<peer-stale-route-time-configured>
```

```
    peer-stale-route-time-configured
  </peer-stale-route-time-configured>
  <peer-restart-time-received>
    peer-restart-time-received
  </peer-restart-time-received>
  <peer-restart-flags-received>
    peer-restart-flags-received
  </peer-restart-flags-received>
  <peer-restart-nlri-received>
    peer-restart-nlri-received
  </peer-restart-nlri-received>
  <peer-restart-nlri-can-save-state>
    peer-restart-nlri-can-save-state
  </peer-restart-nlri-can-save-state>
  <peer-restart-nlri-state-saved>
    peer-restart-nlri-state-saved
  </peer-restart-nlri-state-saved>
  <peer-no-restart>
    peer-no-restart
  </peer-no-restart>
  <peer-restart-nlri-negotiated>
    peer-restart-nlri-negotiated
  </peer-restart-nlri-negotiated>
  <peer-end-of-rib-received>
    peer-end-of-rib-received
  </peer-end-of-rib-received>
  <peer-end-of-rib-sent>
    peer-end-of-rib-sent
  </peer-end-of-rib-sent>
  <peer-end-of-rib-scheduled>
    peer-end-of-rib-scheduled
  </peer-end-of-rib-scheduled>
  <last-received>
    last-received
  </last-received>
  <last-sent>
    last-sent
  </last-sent>
  <last-checked>
    last-checked
  </last-checked>
  <input-messages>
    input-messages
  </input-messages>
  <input-updates>
    input-updates
  </input-updates>
  <input-refreshes>
    input-refreshes
  </input-refreshes>
  <input-octets>
    input-octets
  </input-octets>
  <output-messages>
    output-messages
  </output-messages>
```

```

<output-updates>
  output-updates
</output-updates>
<output-refreshes>
  output-refreshes
</output-refreshes>
<output-octets>
  output-octets
</output-octets>
<input-drop-path-attributes>
  input-drop-path-attributes
</input-drop-path-attributes>
<input-ignore-path-attributes>
  input-ignore-path-attributes
</input-ignore-path-attributes>
<buffered-octets-rx>
  buffered-octets-rx
</buffered-octets-rx>
<buffered-octets-tx>
  buffered-octets-tx
</buffered-octets-tx>
<bgp-output-queue>....</bgp-output-queue>
<route-queue-count>
  route-queue-count
</route-queue-count>
<bgp-rib>....</bgp-rib>
<elapsed-time>
  elapsed-time
</elapsed-time>
<extended-information>
  extended-information
</extended-information>
<bgp-error>....</bgp-error>
<route-queue>....</route-queue>
<tracing-information>....</tracing-information>
</bgp-peer>

```

Description Operational and configuration information for a BGP peer

<bgp-peer>

Usage

```

<bgp-group>
  <bgp-peer>
    <peer-address>
      peer-address
    </peer-address>
    <peer-as>
      peer-as
    </peer-as>
    <local-address>
      local-address
    </local-address>
    <local-as>

```

```
    local-as
  </local-as>
  <description>
    description
  </description>
  <peer-type>
    peer-type
  </peer-type>
  <route-reflector-client>
    route-reflector-client
  </route-reflector-client>
  <peer-state>
    peer-state
  </peer-state>
  <peer-flags>
    peer-flags
  </peer-flags>
  <last-state>
    last-state
  </last-state>
  <last-event>
    last-event
  </last-event>
  <last-error>
    last-error
  </last-error>
  <bgp-option-information>....</bgp-option-information>
  <flap-count>
    flap-count
  </flap-count>
  <last-flap-event>
    last-flap-event
  </last-flap-event>
  <peer-id>
    peer-id
  </peer-id>
  <local-id>
    local-id
  </local-id>
  <active-holdtime>
    active-holdtime
  </active-holdtime>
  <keepalive-interval>
    keepalive-interval
  </keepalive-interval>
  <peer-index>
    peer-index
  </peer-index>
  <bgp-bfd>....</bgp-bfd>
  <local-interface-name>
    local-interface-name
  </local-interface-name>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <nlri-type-peer>
```

```
nlri-type-peer
</nlri-type-peer>
<nlri-type-session>
  nlri-type-session
</nlri-type-session>
<peer-no-refresh>
  peer-no-refresh
</peer-no-refresh>
<peer-refresh-capability>
  peer-refresh-capability
</peer-refresh-capability>
<peer-4byte-as-capability-not-supported>
  peer-4byte-as-capability-not-supported
</peer-4byte-as-capability-not-supported>
<peer-4byte-as-capability-advertised>
  peer-4byte-as-capability-advertised
</peer-4byte-as-capability-advertised>
<peer-addpath-not-supported>
  peer-addpath-not-supported
</peer-addpath-not-supported>
<peer-addpath-ronly-nlri>
  peer-addpath-ronly-nlri
</peer-addpath-ronly-nlri>
<peer-addpath-sonly-nlri>
  peer-addpath-sonly-nlri
</peer-addpath-sonly-nlri>
<peer-addpath-rs-nlri>
  peer-addpath-rs-nlri
</peer-addpath-rs-nlri>
<peer-restart-nlri-configured>
  peer-restart-nlri-configured
</peer-restart-nlri-configured>
<peer-restart-time-configured>
  peer-restart-time-configured
</peer-restart-time-configured>
<peer-stale-route-time-configured>
  peer-stale-route-time-configured
</peer-stale-route-time-configured>
<peer-restart-time-received>
  peer-restart-time-received
</peer-restart-time-received>
<peer-restart-flags-received>
  peer-restart-flags-received
</peer-restart-flags-received>
<peer-restart-nlri-received>
  peer-restart-nlri-received
</peer-restart-nlri-received>
<peer-restart-nlri-can-save-state>
  peer-restart-nlri-can-save-state
</peer-restart-nlri-can-save-state>
<peer-restart-nlri-state-saved>
  peer-restart-nlri-state-saved
</peer-restart-nlri-state-saved>
<peer-no-restart>
  peer-no-restart
</peer-no-restart>
```

```
<peer-restart-nlri-negotiated>
  peer-restart-nlri-negotiated
</peer-restart-nlri-negotiated>
<peer-end-of-rib-received>
  peer-end-of-rib-received
</peer-end-of-rib-received>
<peer-end-of-rib-sent>
  peer-end-of-rib-sent
</peer-end-of-rib-sent>
<peer-end-of-rib-scheduled>
  peer-end-of-rib-scheduled
</peer-end-of-rib-scheduled>
<last-received>
  last-received
</last-received>
<last-sent>
  last-sent
</last-sent>
<last-checked>
  last-checked
</last-checked>
<input-messages>
  input-messages
</input-messages>
<input-updates>
  input-updates
</input-updates>
<input-refreshes>
  input-refreshes
</input-refreshes>
<input-octets>
  input-octets
</input-octets>
<output-messages>
  output-messages
</output-messages>
<output-updates>
  output-updates
</output-updates>
<output-refreshes>
  output-refreshes
</output-refreshes>
<output-octets>
  output-octets
</output-octets>
<input-drop-path-attributes>
  input-drop-path-attributes
</input-drop-path-attributes>
<input-ignore-path-attributes>
  input-ignore-path-attributes
</input-ignore-path-attributes>
<buffered-octets-rx>
  buffered-octets-rx
</buffered-octets-rx>
<buffered-octets-tx>
  buffered-octets-tx
```

```

</buffered-octets-tx>
<bgp-output-queue>....</bgp-output-queue>
<route-queue-count>
  route-queue-count
</route-queue-count>
<bgp-rib>....</bgp-rib>
<elapsed-time>
  elapsed-time
</elapsed-time>
<extended-information>
  extended-information
</extended-information>
<bgp-error>....</bgp-error>
<route-queue>....</route-queue>
<tracing-information>....</tracing-information>
</bgp-peer>
</bgp-group>

```

Description Operational and configuration information for a BGP peer

<bgp-peer>

Usage

```

<bgp-information>
  <bgp-peer>
    <peer-address>
      peer-address
    </peer-address>
    <peer-as>
      peer-as
    </peer-as>
    <local-address>
      local-address
    </local-address>
    <local-as>
      local-as
    </local-as>
    <description>
      description
    </description>
    <peer-type>
      peer-type
    </peer-type>
    <route-reflector-client>
      route-reflector-client
    </route-reflector-client>
    <peer-state>
      peer-state
    </peer-state>
    <peer-flags>
      peer-flags
    </peer-flags>
    <last-state>
      last-state

```

```
</last-state>
<last-event>
  last-event
</last-event>
<last-error>
  last-error
</last-error>
<bgp-option-information>....</bgp-option-information>
<flap-count>
  flap-count
</flap-count>
<last-flap-event>
  last-flap-event
</last-flap-event>
<peer-id>
  peer-id
</peer-id>
<local-id>
  local-id
</local-id>
<active-holdtime>
  active-holdtime
</active-holdtime>
<keepalive-interval>
  keepalive-interval
</keepalive-interval>
<peer-index>
  peer-index
</peer-index>
<bgp-bfd>....</bgp-bfd>
<local-interface-name>
  local-interface-name
</local-interface-name>
<local-interface-index>
  local-interface-index
</local-interface-index>
<nlri-type-peer>
  nlri-type-peer
</nlri-type-peer>
<nlri-type-session>
  nlri-type-session
</nlri-type-session>
<peer-no-refresh>
  peer-no-refresh
</peer-no-refresh>
<peer-refresh-capability>
  peer-refresh-capability
</peer-refresh-capability>
<peer-4byte-as-capability-not-supported>
  peer-4byte-as-capability-not-supported
</peer-4byte-as-capability-not-supported>
<peer-4byte-as-capability-advertised>
  peer-4byte-as-capability-advertised
</peer-4byte-as-capability-advertised>
<peer-addpath-not-supported>
  peer-addpath-not-supported
```



```
</peer-addpath-not-supported>
<peer-addpath-ronly-nlri>
  peer-addpath-ronly-nlri
</peer-addpath-ronly-nlri>
<peer-addpath-sonly-nlri>
  peer-addpath-sonly-nlri
</peer-addpath-sonly-nlri>
<peer-addpath-rs-nlri>
  peer-addpath-rs-nlri
</peer-addpath-rs-nlri>
<peer-restart-nlri-configured>
  peer-restart-nlri-configured
</peer-restart-nlri-configured>
<peer-restart-time-configured>
  peer-restart-time-configured
</peer-restart-time-configured>
<peer-stale-route-time-configured>
  peer-stale-route-time-configured
</peer-stale-route-time-configured>
<peer-restart-time-received>
  peer-restart-time-received
</peer-restart-time-received>
<peer-restart-flags-received>
  peer-restart-flags-received
</peer-restart-flags-received>
<peer-restart-nlri-received>
  peer-restart-nlri-received
</peer-restart-nlri-received>
<peer-restart-nlri-can-save-state>
  peer-restart-nlri-can-save-state
</peer-restart-nlri-can-save-state>
<peer-restart-nlri-state-saved>
  peer-restart-nlri-state-saved
</peer-restart-nlri-state-saved>
<peer-no-restart>
  peer-no-restart
</peer-no-restart>
<peer-restart-nlri-negotiated>
  peer-restart-nlri-negotiated
</peer-restart-nlri-negotiated>
<peer-end-of-rib-received>
  peer-end-of-rib-received
</peer-end-of-rib-received>
<peer-end-of-rib-sent>
  peer-end-of-rib-sent
</peer-end-of-rib-sent>
<peer-end-of-rib-scheduled>
  peer-end-of-rib-scheduled
</peer-end-of-rib-scheduled>
<last-received>
  last-received
</last-received>
<last-sent>
  last-sent
</last-sent>
<last-checked>
```

```
    last-checked
  </last-checked>
  <input-messages>
    input-messages
  </input-messages>
  <input-updates>
    input-updates
  </input-updates>
  <input-refreshes>
    input-refreshes
  </input-refreshes>
  <input-octets>
    input-octets
  </input-octets>
  <output-messages>
    output-messages
  </output-messages>
  <output-updates>
    output-updates
  </output-updates>
  <output-refreshes>
    output-refreshes
  </output-refreshes>
  <output-octets>
    output-octets
  </output-octets>
  <input-drop-path-attributes>
    input-drop-path-attributes
  </input-drop-path-attributes>
  <input-ignore-path-attributes>
    input-ignore-path-attributes
  </input-ignore-path-attributes>
  <buffered-octets-rx>
    buffered-octets-rx
  </buffered-octets-rx>
  <buffered-octets-tx>
    buffered-octets-tx
  </buffered-octets-tx>
  <bgp-output-queue>....</bgp-output-queue>
  <route-queue-count>
    route-queue-count
  </route-queue-count>
  <bgp-rib>....</bgp-rib>
  <elapsed-time>
    elapsed-time
  </elapsed-time>
  <extended-information>
    extended-information
  </extended-information>
  <bgp-error>....</bgp-error>
  <route-queue>....</route-queue>
  <tracing-information>....</tracing-information>
</bgp-peer>
</bgp-information>
```

Description Operational and configuration information for a BGP peer

<bgp-peer>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <peer-address>
        peer-address
      </peer-address>
      <peer-as>
        peer-as
      </peer-as>
      <local-address>
        local-address
      </local-address>
      <local-as>
        local-as
      </local-as>
      <description>
        description
      </description>
      <peer-type>
        peer-type
      </peer-type>
      <route-reflector-client>
        route-reflector-client
      </route-reflector-client>
      <peer-state>
        peer-state
      </peer-state>
      <peer-flags>
        peer-flags
      </peer-flags>
      <last-state>
        last-state
      </last-state>
      <last-event>
        last-event
      </last-event>
      <last-error>
        last-error
      </last-error>
      <bgp-option-information>....</bgp-option-information>
      <flap-count>
        flap-count
      </flap-count>
      <last-flap-event>
        last-flap-event
      </last-flap-event>
      <peer-id>
        peer-id
      </peer-id>
      <local-id>
```

```
    local-id
  </local-id>
  <active-holdtime>
    active-holdtime
  </active-holdtime>
  <keepalive-interval>
    keepalive-interval
  </keepalive-interval>
  <peer-index>
    peer-index
  </peer-index>
  <bgp-bfd>....</bgp-bfd>
  <local-interface-name>
    local-interface-name
  </local-interface-name>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <nlri-type-peer>
    nlri-type-peer
  </nlri-type-peer>
  <nlri-type-session>
    nlri-type-session
  </nlri-type-session>
  <peer-no-refresh>
    peer-no-refresh
  </peer-no-refresh>
  <peer-refresh-capability>
    peer-refresh-capability
  </peer-refresh-capability>
  <peer-4byte-as-capability-not-supported>
    peer-4byte-as-capability-not-supported
  </peer-4byte-as-capability-not-supported>
  <peer-4byte-as-capability-advertised>
    peer-4byte-as-capability-advertised
  </peer-4byte-as-capability-advertised>
  <peer-addpath-not-supported>
    peer-addpath-not-supported
  </peer-addpath-not-supported>
  <peer-addpath-ronly-nlri>
    peer-addpath-ronly-nlri
  </peer-addpath-ronly-nlri>
  <peer-addpath-sonly-nlri>
    peer-addpath-sonly-nlri
  </peer-addpath-sonly-nlri>
  <peer-addpath-rs-nlri>
    peer-addpath-rs-nlri
  </peer-addpath-rs-nlri>
  <peer-restart-nlri-configured>
    peer-restart-nlri-configured
  </peer-restart-nlri-configured>
  <peer-restart-time-configured>
    peer-restart-time-configured
  </peer-restart-time-configured>
  <peer-stale-route-time-configured>
    peer-stale-route-time-configured
```

```
</peer-stale-route-time-configured>
<peer-restart-time-received>
  peer-restart-time-received
</peer-restart-time-received>
<peer-restart-flags-received>
  peer-restart-flags-received
</peer-restart-flags-received>
<peer-restart-nlri-received>
  peer-restart-nlri-received
</peer-restart-nlri-received>
<peer-restart-nlri-can-save-state>
  peer-restart-nlri-can-save-state
</peer-restart-nlri-can-save-state>
<peer-restart-nlri-state-saved>
  peer-restart-nlri-state-saved
</peer-restart-nlri-state-saved>
<peer-no-restart>
  peer-no-restart
</peer-no-restart>
<peer-restart-nlri-negotiated>
  peer-restart-nlri-negotiated
</peer-restart-nlri-negotiated>
<peer-end-of-rib-received>
  peer-end-of-rib-received
</peer-end-of-rib-received>
<peer-end-of-rib-sent>
  peer-end-of-rib-sent
</peer-end-of-rib-sent>
<peer-end-of-rib-scheduled>
  peer-end-of-rib-scheduled
</peer-end-of-rib-scheduled>
<last-received>
  last-received
</last-received>
<last-sent>
  last-sent
</last-sent>
<last-checked>
  last-checked
</last-checked>
<input-messages>
  input-messages
</input-messages>
<input-updates>
  input-updates
</input-updates>
<input-refreshes>
  input-refreshes
</input-refreshes>
<input-octets>
  input-octets
</input-octets>
<output-messages>
  output-messages
</output-messages>
<output-updates>
```

```
    output-updates
  </output-updates>
  <output-refreshes>
    output-refreshes
  </output-refreshes>
  <output-octets>
    output-octets
  </output-octets>
  <input-drop-path-attributes>
    input-drop-path-attributes
  </input-drop-path-attributes>
  <input-ignore-path-attributes>
    input-ignore-path-attributes
  </input-ignore-path-attributes>
  <buffered-octets-rx>
    buffered-octets-rx
  </buffered-octets-rx>
  <buffered-octets-tx>
    buffered-octets-tx
  </buffered-octets-tx>
  <bgp-output-queue>....</bgp-output-queue>
  <route-queue-count>
    route-queue-count
  </route-queue-count>
  <bgp-rib>....</bgp-rib>
  <elapsed-time>
    elapsed-time
  </elapsed-time>
  <extended-information>
    extended-information
  </extended-information>
  <bgp-error>....</bgp-error>
  <route-queue>....</route-queue>
  <tracing-information>....</tracing-information>
</bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description Operational and configuration information for a BGP peer

<bgp-peer>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <peer-address>
        peer-address
      </peer-address>
      <peer-as>
        peer-as
      </peer-as>
      <local-address>
        local-address
```

```
</local-address>
<local-as>
  local-as
</local-as>
<description>
  description
</description>
<peer-type>
  peer-type
</peer-type>
<route-reflector-client>
  route-reflector-client
</route-reflector-client>
<peer-state>
  peer-state
</peer-state>
<peer-flags>
  peer-flags
</peer-flags>
<last-state>
  last-state
</last-state>
<last-event>
  last-event
</last-event>
<last-error>
  last-error
</last-error>
<bgp-option-information>....</bgp-option-information>
<flap-count>
  flap-count
</flap-count>
<last-flap-event>
  last-flap-event
</last-flap-event>
<peer-id>
  peer-id
</peer-id>
<local-id>
  local-id
</local-id>
<active-holdtime>
  active-holdtime
</active-holdtime>
<keepalive-interval>
  keepalive-interval
</keepalive-interval>
<peer-index>
  peer-index
</peer-index>
<bgp-bfd>....</bgp-bfd>
<local-interface-name>
  local-interface-name
</local-interface-name>
<local-interface-index>
  local-interface-index
```

```
</local-interface-index>
<nlri-type-peer>
  nlri-type-peer
</nlri-type-peer>
<nlri-type-session>
  nlri-type-session
</nlri-type-session>
<peer-no-refresh>
  peer-no-refresh
</peer-no-refresh>
<peer-refresh-capability>
  peer-refresh-capability
</peer-refresh-capability>
<peer-4byte-as-capability-not-supported>
  peer-4byte-as-capability-not-supported
</peer-4byte-as-capability-not-supported>
<peer-4byte-as-capability-advertised>
  peer-4byte-as-capability-advertised
</peer-4byte-as-capability-advertised>
<peer-addpath-not-supported>
  peer-addpath-not-supported
</peer-addpath-not-supported>
<peer-addpath-ronly-nlri>
  peer-addpath-ronly-nlri
</peer-addpath-ronly-nlri>
<peer-addpath-sonly-nlri>
  peer-addpath-sonly-nlri
</peer-addpath-sonly-nlri>
<peer-addpath-rs-nlri>
  peer-addpath-rs-nlri
</peer-addpath-rs-nlri>
<peer-restart-nlri-configured>
  peer-restart-nlri-configured
</peer-restart-nlri-configured>
<peer-restart-time-configured>
  peer-restart-time-configured
</peer-restart-time-configured>
<peer-stale-route-time-configured>
  peer-stale-route-time-configured
</peer-stale-route-time-configured>
<peer-restart-time-received>
  peer-restart-time-received
</peer-restart-time-received>
<peer-restart-flags-received>
  peer-restart-flags-received
</peer-restart-flags-received>
<peer-restart-nlri-received>
  peer-restart-nlri-received
</peer-restart-nlri-received>
<peer-restart-nlri-can-save-state>
  peer-restart-nlri-can-save-state
</peer-restart-nlri-can-save-state>
<peer-restart-nlri-state-saved>
  peer-restart-nlri-state-saved
</peer-restart-nlri-state-saved>
<peer-no-restart>
```



```
    peer-no-restart
  </peer-no-restart>
  <peer-restart-nlri-negotiated>
    peer-restart-nlri-negotiated
  </peer-restart-nlri-negotiated>
  <peer-end-of-rib-received>
    peer-end-of-rib-received
  </peer-end-of-rib-received>
  <peer-end-of-rib-sent>
    peer-end-of-rib-sent
  </peer-end-of-rib-sent>
  <peer-end-of-rib-scheduled>
    peer-end-of-rib-scheduled
  </peer-end-of-rib-scheduled>
  <last-received>
    last-received
  </last-received>
  <last-sent>
    last-sent
  </last-sent>
  <last-checked>
    last-checked
  </last-checked>
  <input-messages>
    input-messages
  </input-messages>
  <input-updates>
    input-updates
  </input-updates>
  <input-refreshes>
    input-refreshes
  </input-refreshes>
  <input-octets>
    input-octets
  </input-octets>
  <output-messages>
    output-messages
  </output-messages>
  <output-updates>
    output-updates
  </output-updates>
  <output-refreshes>
    output-refreshes
  </output-refreshes>
  <output-octets>
    output-octets
  </output-octets>
  <input-drop-path-attributes>
    input-drop-path-attributes
  </input-drop-path-attributes>
  <input-ignore-path-attributes>
    input-ignore-path-attributes
  </input-ignore-path-attributes>
  <buffered-octets-rx>
    buffered-octets-rx
  </buffered-octets-rx>
```

```
<buffered-octets-tx>
  buffered-octets-tx
</buffered-octets-tx>
<bgp-output-queue>....</bgp-output-queue>
<route-queue-count>
  route-queue-count
</route-queue-count>
<bgp-rib>....</bgp-rib>
<elapsed-time>
  elapsed-time
</elapsed-time>
<extended-information>
  extended-information
</extended-information>
<bgp-error>....</bgp-error>
<route-queue>....</route-queue>
<tracing-information>....</tracing-information>
</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description Operational and configuration information for a BGP peer

<bgp-rib>

Usage

```
<bgp-rib>
<name>
  name
</name>
<rib-bit>
  rib-bit
</rib-bit>
<bgp-rib-state>
  bgp-rib-state
</bgp-rib-state>
<vpn-rib-state>
  vpn-rib-state
</vpn-rib-state>
<send-state>
  send-state
</send-state>
<total-external-prefix-count>
  total-external-prefix-count
</total-external-prefix-count>
<active-external-prefix-count>
  active-external-prefix-count
</active-external-prefix-count>
<accepted-external-prefix-count>
  accepted-external-prefix-count
</accepted-external-prefix-count>
<suppressed-external-prefix-count>
  suppressed-external-prefix-count
</suppressed-external-prefix-count>
```

```

<total-internal-prefix-count>
  total-internal-prefix-count
</total-internal-prefix-count>
<active-internal-prefix-count>
  active-internal-prefix-count
</active-internal-prefix-count>
<accepted-internal-prefix-count>
  accepted-internal-prefix-count
</accepted-internal-prefix-count>
<suppressed-internal-prefix-count>
  suppressed-internal-prefix-count
</suppressed-internal-prefix-count>
<total-prefix-count>
  total-prefix-count
</total-prefix-count>
<active-prefix-count>
  active-prefix-count
</active-prefix-count>
<received-prefix-count>
  received-prefix-count
</received-prefix-count>
<accepted-prefix-count>
  accepted-prefix-count
</accepted-prefix-count>
<damped-prefix-count>
  damped-prefix-count
</damped-prefix-count>
<suppressed-prefix-count>
  suppressed-prefix-count
</suppressed-prefix-count>
<history-prefix-count>
  history-prefix-count
</history-prefix-count>
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>

```

Description

<bgp-rib>

Usage

```

<bgp-peer>
  <bgp-rib>
    <name>
      name
    </name>
    <rib-bit>
      rib-bit
    </rib-bit>
  <bgp-rib-state>

```

```
    bgp-rib-state
  </bgp-rib-state>
  <vpn-rib-state>
    vpn-rib-state
  </vpn-rib-state>
  <send-state>
    send-state
  </send-state>
  <total-external-prefix-count>
    total-external-prefix-count
  </total-external-prefix-count>
  <active-external-prefix-count>
    active-external-prefix-count
  </active-external-prefix-count>
  <accepted-external-prefix-count>
    accepted-external-prefix-count
  </accepted-external-prefix-count>
  <suppressed-external-prefix-count>
    suppressed-external-prefix-count
  </suppressed-external-prefix-count>
  <total-internal-prefix-count>
    total-internal-prefix-count
  </total-internal-prefix-count>
  <active-internal-prefix-count>
    active-internal-prefix-count
  </active-internal-prefix-count>
  <accepted-internal-prefix-count>
    accepted-internal-prefix-count
  </accepted-internal-prefix-count>
  <suppressed-internal-prefix-count>
    suppressed-internal-prefix-count
  </suppressed-internal-prefix-count>
  <total-prefix-count>
    total-prefix-count
  </total-prefix-count>
  <active-prefix-count>
    active-prefix-count
  </active-prefix-count>
  <received-prefix-count>
    received-prefix-count
  </received-prefix-count>
  <accepted-prefix-count>
    accepted-prefix-count
  </accepted-prefix-count>
  <damped-prefix-count>
    damped-prefix-count
  </damped-prefix-count>
  <suppressed-prefix-count>
    suppressed-prefix-count
  </suppressed-prefix-count>
  <history-prefix-count>
    history-prefix-count
  </history-prefix-count>
  <pending-prefix-count>
    pending-prefix-count
  </pending-prefix-count>
```

```

    <advertised-prefix-count>
      advertised-prefix-count
    </advertised-prefix-count>
  </bgp-rib>
</bgp-peer>

```

Description

<bgp-rib>

Usage

```

<bgp-group>
  <bgp-peer>
    <bgp-rib>
      <name>
        name
      </name>
      <rib-bit>
        rib-bit
      </rib-bit>
      <bgp-rib-state>
        bgp-rib-state
      </bgp-rib-state>
      <vpn-rib-state>
        vpn-rib-state
      </vpn-rib-state>
      <send-state>
        send-state
      </send-state>
      <total-external-prefix-count>
        total-external-prefix-count
      </total-external-prefix-count>
      <active-external-prefix-count>
        active-external-prefix-count
      </active-external-prefix-count>
      <accepted-external-prefix-count>
        accepted-external-prefix-count
      </accepted-external-prefix-count>
      <suppressed-external-prefix-count>
        suppressed-external-prefix-count
      </suppressed-external-prefix-count>
      <total-internal-prefix-count>
        total-internal-prefix-count
      </total-internal-prefix-count>
      <active-internal-prefix-count>
        active-internal-prefix-count
      </active-internal-prefix-count>
      <accepted-internal-prefix-count>
        accepted-internal-prefix-count
      </accepted-internal-prefix-count>
      <suppressed-internal-prefix-count>
        suppressed-internal-prefix-count
      </suppressed-internal-prefix-count>
      <total-prefix-count>
        total-prefix-count

```

```
</total-prefix-count>
<active-prefix-count>
  active-prefix-count
</active-prefix-count>
<received-prefix-count>
  received-prefix-count
</received-prefix-count>
<accepted-prefix-count>
  accepted-prefix-count
</accepted-prefix-count>
<damped-prefix-count>
  damped-prefix-count
</damped-prefix-count>
<suppressed-prefix-count>
  suppressed-prefix-count
</suppressed-prefix-count>
<history-prefix-count>
  history-prefix-count
</history-prefix-count>
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>
</bgp-peer>
</bgp-group>
```

Description

<bgp-rib>

Usage

```
<bgp-group>
  <bgp-rib>
    <name>
      name
    </name>
    <rib-bit>
      rib-bit
    </rib-bit>
    <bgp-rib-state>
      bgp-rib-state
    </bgp-rib-state>
    <vpn-rib-state>
      vpn-rib-state
    </vpn-rib-state>
    <send-state>
      send-state
    </send-state>
    <total-external-prefix-count>
      total-external-prefix-count
    </total-external-prefix-count>
    <active-external-prefix-count>
```

```

    active-external-prefix-count
  </active-external-prefix-count>
  <accepted-external-prefix-count>
    accepted-external-prefix-count
  </accepted-external-prefix-count>
  <suppressed-external-prefix-count>
    suppressed-external-prefix-count
  </suppressed-external-prefix-count>
  <total-internal-prefix-count>
    total-internal-prefix-count
  </total-internal-prefix-count>
  <active-internal-prefix-count>
    active-internal-prefix-count
  </active-internal-prefix-count>
  <accepted-internal-prefix-count>
    accepted-internal-prefix-count
  </accepted-internal-prefix-count>
  <suppressed-internal-prefix-count>
    suppressed-internal-prefix-count
  </suppressed-internal-prefix-count>
  <total-prefix-count>
    total-prefix-count
  </total-prefix-count>
  <active-prefix-count>
    active-prefix-count
  </active-prefix-count>
  <received-prefix-count>
    received-prefix-count
  </received-prefix-count>
  <accepted-prefix-count>
    accepted-prefix-count
  </accepted-prefix-count>
  <damped-prefix-count>
    damped-prefix-count
  </damped-prefix-count>
  <suppressed-prefix-count>
    suppressed-prefix-count
  </suppressed-prefix-count>
  <history-prefix-count>
    history-prefix-count
  </history-prefix-count>
  <pending-prefix-count>
    pending-prefix-count
  </pending-prefix-count>
  <advertised-prefix-count>
    advertised-prefix-count
  </advertised-prefix-count>
</bgp-rib>
</bgp-group>

```

Description

<bgp-rib>

Usage

```
<bgp-information>
  <bgp-rib>
    <name>
      name
    </name>
    <rib-bit>
      rib-bit
    </rib-bit>
    <bgp-rib-state>
      bgp-rib-state
    </bgp-rib-state>
    <vpn-rib-state>
      vpn-rib-state
    </vpn-rib-state>
    <send-state>
      send-state
    </send-state>
    <total-external-prefix-count>
      total-external-prefix-count
    </total-external-prefix-count>
    <active-external-prefix-count>
      active-external-prefix-count
    </active-external-prefix-count>
    <accepted-external-prefix-count>
      accepted-external-prefix-count
    </accepted-external-prefix-count>
    <suppressed-external-prefix-count>
      suppressed-external-prefix-count
    </suppressed-external-prefix-count>
    <total-internal-prefix-count>
      total-internal-prefix-count
    </total-internal-prefix-count>
    <active-internal-prefix-count>
      active-internal-prefix-count
    </active-internal-prefix-count>
    <accepted-internal-prefix-count>
      accepted-internal-prefix-count
    </accepted-internal-prefix-count>
    <suppressed-internal-prefix-count>
      suppressed-internal-prefix-count
    </suppressed-internal-prefix-count>
    <total-prefix-count>
      total-prefix-count
    </total-prefix-count>
    <active-prefix-count>
      active-prefix-count
    </active-prefix-count>
    <received-prefix-count>
      received-prefix-count
    </received-prefix-count>
    <accepted-prefix-count>
      accepted-prefix-count
```



```

</accepted-prefix-count>
<damped-prefix-count>
  damped-prefix-count
</damped-prefix-count>
<suppressed-prefix-count>
  suppressed-prefix-count
</suppressed-prefix-count>
<history-prefix-count>
  history-prefix-count
</history-prefix-count>
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>
</bgp-information>

```

Description

<bgp-rib>

Usage

```

<bgp-information>
  <bgp-peer>
    <bgp-rib>
      <name>
        name
      </name>
      <rib-bit>
        rib-bit
      </rib-bit>
      <bgp-rib-state>
        bgp-rib-state
      </bgp-rib-state>
      <vpn-rib-state>
        vpn-rib-state
      </vpn-rib-state>
      <send-state>
        send-state
      </send-state>
      <total-external-prefix-count>
        total-external-prefix-count
      </total-external-prefix-count>
      <active-external-prefix-count>
        active-external-prefix-count
      </active-external-prefix-count>
      <accepted-external-prefix-count>
        accepted-external-prefix-count
      </accepted-external-prefix-count>
      <suppressed-external-prefix-count>
        suppressed-external-prefix-count
      </suppressed-external-prefix-count>
      <total-internal-prefix-count>

```

```
    total-internal-prefix-count
  </total-internal-prefix-count>
  <active-internal-prefix-count>
    active-internal-prefix-count
  </active-internal-prefix-count>
  <accepted-internal-prefix-count>
    accepted-internal-prefix-count
  </accepted-internal-prefix-count>
  <suppressed-internal-prefix-count>
    suppressed-internal-prefix-count
  </suppressed-internal-prefix-count>
  <total-prefix-count>
    total-prefix-count
  </total-prefix-count>
  <active-prefix-count>
    active-prefix-count
  </active-prefix-count>
  <received-prefix-count>
    received-prefix-count
  </received-prefix-count>
  <accepted-prefix-count>
    accepted-prefix-count
  </accepted-prefix-count>
  <damped-prefix-count>
    damped-prefix-count
  </damped-prefix-count>
  <suppressed-prefix-count>
    suppressed-prefix-count
  </suppressed-prefix-count>
  <history-prefix-count>
    history-prefix-count
  </history-prefix-count>
  <pending-prefix-count>
    pending-prefix-count
  </pending-prefix-count>
  <advertised-prefix-count>
    advertised-prefix-count
  </advertised-prefix-count>
</bgp-rib>
</bgp-peer>
</bgp-information>
```

Description

<bgp-rib>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-rib>
        <name>
          name
        </name>
        <rib-bit>
```

```
    rib-bit
  </rib-bit>
  <bgp-rib-state>
    bgp-rib-state
  </bgp-rib-state>
  <vpn-rib-state>
    vpn-rib-state
  </vpn-rib-state>
  <send-state>
    send-state
  </send-state>
  <total-external-prefix-count>
    total-external-prefix-count
  </total-external-prefix-count>
  <active-external-prefix-count>
    active-external-prefix-count
  </active-external-prefix-count>
  <accepted-external-prefix-count>
    accepted-external-prefix-count
  </accepted-external-prefix-count>
  <suppressed-external-prefix-count>
    suppressed-external-prefix-count
  </suppressed-external-prefix-count>
  <total-internal-prefix-count>
    total-internal-prefix-count
  </total-internal-prefix-count>
  <active-internal-prefix-count>
    active-internal-prefix-count
  </active-internal-prefix-count>
  <accepted-internal-prefix-count>
    accepted-internal-prefix-count
  </accepted-internal-prefix-count>
  <suppressed-internal-prefix-count>
    suppressed-internal-prefix-count
  </suppressed-internal-prefix-count>
  <total-prefix-count>
    total-prefix-count
  </total-prefix-count>
  <active-prefix-count>
    active-prefix-count
  </active-prefix-count>
  <received-prefix-count>
    received-prefix-count
  </received-prefix-count>
  <accepted-prefix-count>
    accepted-prefix-count
  </accepted-prefix-count>
  <damped-prefix-count>
    damped-prefix-count
  </damped-prefix-count>
  <suppressed-prefix-count>
    suppressed-prefix-count
  </suppressed-prefix-count>
  <history-prefix-count>
    history-prefix-count
  </history-prefix-count>
```

```
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>
</bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<bgp-rib>

Usage

```
<bgp-group-information>
  <bgp-group>
    <bgp-rib>
      <name>
        name
      </name>
      <rib-bit>
        rib-bit
      </rib-bit>
      <bgp-rib-state>
        bgp-rib-state
      </bgp-rib-state>
      <vpn-rib-state>
        vpn-rib-state
      </vpn-rib-state>
      <send-state>
        send-state
      </send-state>
      <total-external-prefix-count>
        total-external-prefix-count
      </total-external-prefix-count>
      <active-external-prefix-count>
        active-external-prefix-count
      </active-external-prefix-count>
      <accepted-external-prefix-count>
        accepted-external-prefix-count
      </accepted-external-prefix-count>
      <suppressed-external-prefix-count>
        suppressed-external-prefix-count
      </suppressed-external-prefix-count>
      <total-internal-prefix-count>
        total-internal-prefix-count
      </total-internal-prefix-count>
      <active-internal-prefix-count>
        active-internal-prefix-count
      </active-internal-prefix-count>
      <accepted-internal-prefix-count>
        accepted-internal-prefix-count
      </accepted-internal-prefix-count>
```

```

<suppressed-internal-prefix-count>
  suppressed-internal-prefix-count
</suppressed-internal-prefix-count>
<total-prefix-count>
  total-prefix-count
</total-prefix-count>
<active-prefix-count>
  active-prefix-count
</active-prefix-count>
<received-prefix-count>
  received-prefix-count
</received-prefix-count>
<accepted-prefix-count>
  accepted-prefix-count
</accepted-prefix-count>
<damped-prefix-count>
  damped-prefix-count
</damped-prefix-count>
<suppressed-prefix-count>
  suppressed-prefix-count
</suppressed-prefix-count>
<history-prefix-count>
  history-prefix-count
</history-prefix-count>
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>
</bgp-group>
</bgp-group-information>

```

Description

<bgp-rib>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-rib>
      <name>
        name
      </name>
      <rib-bit>
        rib-bit
      </rib-bit>
      <bgp-rib-state>
        bgp-rib-state
      </bgp-rib-state>
      <vpn-rib-state>
        vpn-rib-state
      </vpn-rib-state>
      <send-state>

```

```
    send-state
  </send-state>
  <total-external-prefix-count>
    total-external-prefix-count
  </total-external-prefix-count>
  <active-external-prefix-count>
    active-external-prefix-count
  </active-external-prefix-count>
  <accepted-external-prefix-count>
    accepted-external-prefix-count
  </accepted-external-prefix-count>
  <suppressed-external-prefix-count>
    suppressed-external-prefix-count
  </suppressed-external-prefix-count>
  <total-internal-prefix-count>
    total-internal-prefix-count
  </total-internal-prefix-count>
  <active-internal-prefix-count>
    active-internal-prefix-count
  </active-internal-prefix-count>
  <accepted-internal-prefix-count>
    accepted-internal-prefix-count
  </accepted-internal-prefix-count>
  <suppressed-internal-prefix-count>
    suppressed-internal-prefix-count
  </suppressed-internal-prefix-count>
  <total-prefix-count>
    total-prefix-count
  </total-prefix-count>
  <active-prefix-count>
    active-prefix-count
  </active-prefix-count>
  <received-prefix-count>
    received-prefix-count
  </received-prefix-count>
  <accepted-prefix-count>
    accepted-prefix-count
  </accepted-prefix-count>
  <damped-prefix-count>
    damped-prefix-count
  </damped-prefix-count>
  <suppressed-prefix-count>
    suppressed-prefix-count
  </suppressed-prefix-count>
  <history-prefix-count>
    history-prefix-count
  </history-prefix-count>
  <pending-prefix-count>
    pending-prefix-count
  </pending-prefix-count>
  <advertised-prefix-count>
    advertised-prefix-count
  </advertised-prefix-count>
</bgp-rib>
</bgp-information>
```

```
</bgp-group-information>
```

Description

<bgp-rib>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-rib>
        <name>
          name
        </name>
        <rib-bit>
          rib-bit
        </rib-bit>
        <bgp-rib-state>
          bgp-rib-state
        </bgp-rib-state>
        <vpn-rib-state>
          vpn-rib-state
        </vpn-rib-state>
        <send-state>
          send-state
        </send-state>
        <total-external-prefix-count>
          total-external-prefix-count
        </total-external-prefix-count>
        <active-external-prefix-count>
          active-external-prefix-count
        </active-external-prefix-count>
        <accepted-external-prefix-count>
          accepted-external-prefix-count
        </accepted-external-prefix-count>
        <suppressed-external-prefix-count>
          suppressed-external-prefix-count
        </suppressed-external-prefix-count>
        <total-internal-prefix-count>
          total-internal-prefix-count
        </total-internal-prefix-count>
        <active-internal-prefix-count>
          active-internal-prefix-count
        </active-internal-prefix-count>
        <accepted-internal-prefix-count>
          accepted-internal-prefix-count
        </accepted-internal-prefix-count>
        <suppressed-internal-prefix-count>
          suppressed-internal-prefix-count
        </suppressed-internal-prefix-count>
        <total-prefix-count>
          total-prefix-count
        </total-prefix-count>
        <active-prefix-count>
          active-prefix-count
```

```
</active-prefix-count>
<received-prefix-count>
  received-prefix-count
</received-prefix-count>
<accepted-prefix-count>
  accepted-prefix-count
</accepted-prefix-count>
<damped-prefix-count>
  damped-prefix-count
</damped-prefix-count>
<suppressed-prefix-count>
  suppressed-prefix-count
</suppressed-prefix-count>
<history-prefix-count>
  history-prefix-count
</history-prefix-count>
<pending-prefix-count>
  pending-prefix-count
</pending-prefix-count>
<advertised-prefix-count>
  advertised-prefix-count
</advertised-prefix-count>
</bgp-rib>
</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description

<bgp-rsync-ack-queue>

Usage

```
<bgp-rsync-master>
  <bgp-rsync-ack-queue>
    <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
  </bgp-rsync-ack-queue>
</bgp-rsync-master>
```

Description

<bgp-rsync-ack-queue>

Usage

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-ack-queue>
      <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
    </bgp-rsync-ack-queue>
  </bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-error-queue>

Usage

```
<bgp-rsync-master>
  <bgp-rsync-error-queue>
    <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
  </bgp-rsync-error-queue>
</bgp-rsync-master>
```

Description

<bgp-rsync-error-queue>

Usage

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-error-queue>
      <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
    </bgp-rsync-error-queue>
  </bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-estab-queue>

Usage

```
<bgp-rsync-master>
  <bgp-rsync-estab-queue>
    <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
  </bgp-rsync-estab-queue>
</bgp-rsync-master>
```

Description

<bgp-rsync-estab-queue>

Usage

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-estab-queue>
      <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
    </bgp-rsync-estab-queue>
  </bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-estab-type>

Usage

```
<bgp-rsync-master>
  <bgp-rsync-estab-type>
```

```
<bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
</bgp-rsync-estab-type>
</bgp-rsync-master>
```

Description

<bgp-rsync-estab-type>

Usage

```
<bgp-sync-information>
<bgp-rsync-master>
  <bgp-rsync-estab-type>
    <bgp-rsync-queue-entry>....</bgp-rsync-queue-entry>
  </bgp-rsync-estab-type>
</bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-master>

Usage

```
<bgp-rsync-master>
  <bgp-rsync-session-state>
    bgp-rsync-session-state
  </bgp-rsync-session-state>
  <bgp-rsync-session-time>
    bgp-rsync-session-time
  </bgp-rsync-session-time>
  <bgp-rsync-session-flaps>
    bgp-rsync-session-flaps
  </bgp-rsync-session-flaps>
  <bgp-rsync-session-last-flap-reason>
    bgp-rsync-session-last-flap-reason
  </bgp-rsync-session-last-flap-reason>
  <bgp-rsync-session-last-flap-error>
    bgp-rsync-session-last-flap-error
  </bgp-rsync-session-last-flap-error>
  <bgp-rsync-state>
    bgp-rsync-state
  </bgp-rsync-state>
  <bgp-rsync-state-time>
    bgp-rsync-state-time
  </bgp-rsync-state-time>
  <bgp-rsync-flags>
    bgp-rsync-flags
  </bgp-rsync-flags>
  <bgp-rsync-rt-state>
    bgp-rsync-rt-state
  </bgp-rsync-rt-state>
  <bgp-rsync-ackwait>
    bgp-rsync-ackwait
  </bgp-rsync-ackwait>
  <bgp-rsync-sowait>
```

```

    bgp-rsync-sowait
  </bgp-rsync-sowait>
  <bgp-rsync-sched>
    bgp-rsync-sched
  </bgp-rsync-sched>
  <bgp-rsync-sendbuf-count>
    bgp-rsync-sendbuf-count
  </bgp-rsync-sendbuf-count>
  <bgp-rsync-walker>
    bgp-rsync-walker
  </bgp-rsync-walker>
  <bgp-rsync-walk>....</bgp-rsync-walk>
  <bgp-rsync-estab-type>....</bgp-rsync-estab-type>
  <bgp-rsync-ack-queue>....</bgp-rsync-ack-queue>
  <bgp-rsync-estab-tm>
    bgp-rsync-estab-tm
  </bgp-rsync-estab-tm>
  <bgp-rsync-error-queue>....</bgp-rsync-error-queue>
  <bgp-rsync-stats>....</bgp-rsync-stats>
  <bgp-rsync-estab-queue>....</bgp-rsync-estab-queue>
</bgp-rsync-master>

```

Description

<bgp-rsync-master>

Usage

```

<bgp-rsync-information>
  <bgp-rsync-master>
    <bgp-rsync-session-state>
      bgp-rsync-session-state
    </bgp-rsync-session-state>
    <bgp-rsync-session-time>
      bgp-rsync-session-time
    </bgp-rsync-session-time>
    <bgp-rsync-session-flaps>
      bgp-rsync-session-flaps
    </bgp-rsync-session-flaps>
    <bgp-rsync-session-last-flap-reason>
      bgp-rsync-session-last-flap-reason
    </bgp-rsync-session-last-flap-reason>
    <bgp-rsync-session-last-flap-error>
      bgp-rsync-session-last-flap-error
    </bgp-rsync-session-last-flap-error>
    <bgp-rsync-state>
      bgp-rsync-state
    </bgp-rsync-state>
    <bgp-rsync-state-time>
      bgp-rsync-state-time
    </bgp-rsync-state-time>
    <bgp-rsync-flags>
      bgp-rsync-flags
    </bgp-rsync-flags>
    <bgp-rsync-rt-state>
      bgp-rsync-rt-state

```

```
</bgp-rsync-rt-state>
<bgp-rsync-ackwait>
  bgp-rsync-ackwait
</bgp-rsync-ackwait>
<bgp-rsync-sowait>
  bgp-rsync-sowait
</bgp-rsync-sowait>
<bgp-rsync-sched>
  bgp-rsync-sched
</bgp-rsync-sched>
<bgp-rsync-sendbuf-count>
  bgp-rsync-sendbuf-count
</bgp-rsync-sendbuf-count>
<bgp-rsync-walker>
  bgp-rsync-walker
</bgp-rsync-walker>
<bgp-rsync-walk>....</bgp-rsync-walk>
<bgp-rsync-estab-type>....</bgp-rsync-estab-type>
<bgp-rsync-ack-queue>....</bgp-rsync-ack-queue>
<bgp-rsync-estab-tm>
  bgp-rsync-estab-tm
</bgp-rsync-estab-tm>
<bgp-rsync-error-queue>....</bgp-rsync-error-queue>
<bgp-rsync-stats>....</bgp-rsync-stats>
<bgp-rsync-estab-queue>....</bgp-rsync-estab-queue>
</bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-queue-entry>

Usage

```
<bgp-rsync-queue-entry>
<rsy-queue-instance>
  rsy-queue-instance
</rsy-queue-instance>
<rsy-queue-addr>
  rsy-queue-addr
</rsy-queue-addr>
<rsy-queue-more>
  rsy-queue-more
</rsy-queue-more>
</bgp-rsync-queue-entry>
```

Description

<bgp-rsync-queue-entry>

Usage

```
<bgp-rsync-master>
<bgp-rsync-estab-type>
  <bgp-rsync-queue-entry>
    <rsy-queue-instance>
```

```

    rsy-queue-instance
  </rsy-queue-instance>
  <rsy-queue-addr>
    rsy-queue-addr
  </rsy-queue-addr>
  <rsy-queue-more>
    rsy-queue-more
  </rsy-queue-more>
</bgp-rsync-queue-entry>
</bgp-rsync-estab-type>
</bgp-rsync-master>

```

Description

<bgp-rsync-queue-entry>

Usage

```

<bgp-rsync-master>
  <bgp-rsync-ack-queue>
    <bgp-rsync-queue-entry>
      <rsy-queue-instance>
        rsy-queue-instance
      </rsy-queue-instance>
      <rsy-queue-addr>
        rsy-queue-addr
      </rsy-queue-addr>
      <rsy-queue-more>
        rsy-queue-more
      </rsy-queue-more>
    </bgp-rsync-queue-entry>
  </bgp-rsync-ack-queue>
</bgp-rsync-master>

```

Description

<bgp-rsync-queue-entry>

Usage

```

<bgp-rsync-master>
  <bgp-rsync-error-queue>
    <bgp-rsync-queue-entry>
      <rsy-queue-instance>
        rsy-queue-instance
      </rsy-queue-instance>
      <rsy-queue-addr>
        rsy-queue-addr
      </rsy-queue-addr>
      <rsy-queue-more>
        rsy-queue-more
      </rsy-queue-more>
    </bgp-rsync-queue-entry>
  </bgp-rsync-error-queue>
</bgp-rsync-master>

```

Description**<bgp-rsync-queue-entry>****Usage**

```
<bgp-rsync-master>
  <bgp-rsync-estab-queue>
    <bgp-rsync-queue-entry>
      <rsy-queue-instance>
        rsy-queue-instance
      </rsy-queue-instance>
      <rsy-queue-addr>
        rsy-queue-addr
      </rsy-queue-addr>
      <rsy-queue-more>
        rsy-queue-more
      </rsy-queue-more>
    </bgp-rsync-queue-entry>
  </bgp-rsync-estab-queue>
</bgp-rsync-master>
```

Description**<bgp-rsync-queue-entry>****Usage**

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-estab-type>
      <bgp-rsync-queue-entry>
        <rsy-queue-instance>
          rsy-queue-instance
        </rsy-queue-instance>
        <rsy-queue-addr>
          rsy-queue-addr
        </rsy-queue-addr>
        <rsy-queue-more>
          rsy-queue-more
        </rsy-queue-more>
      </bgp-rsync-queue-entry>
    </bgp-rsync-estab-type>
  </bgp-rsync-master>
</bgp-sync-information>
```

Description**<bgp-rsync-queue-entry>****Usage**

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-ack-queue>
      <bgp-rsync-queue-entry>
        <rsy-queue-instance>
          rsy-queue-instance
```

```

    </rsy-queue-instance>
    <rsy-queue-addr>
      rsy-queue-addr
    </rsy-queue-addr>
    <rsy-queue-more>
      rsy-queue-more
    </rsy-queue-more>
  </bgp-rsync-queue-entry>
</bgp-rsync-ack-queue>
</bgp-rsync-master>
</bgp-sync-information>

```

Description

<bgp-rsync-queue-entry>

Usage

```

<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-error-queue>
      <bgp-rsync-queue-entry>
        <rsy-queue-instance>
          rsy-queue-instance
        </rsy-queue-instance>
        <rsy-queue-addr>
          rsy-queue-addr
        </rsy-queue-addr>
        <rsy-queue-more>
          rsy-queue-more
        </rsy-queue-more>
      </bgp-rsync-queue-entry>
    </bgp-rsync-error-queue>
  </bgp-rsync-master>
</bgp-sync-information>

```

Description

<bgp-rsync-queue-entry>

Usage

```

<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-estab-queue>
      <bgp-rsync-queue-entry>
        <rsy-queue-instance>
          rsy-queue-instance
        </rsy-queue-instance>
        <rsy-queue-addr>
          rsy-queue-addr
        </rsy-queue-addr>
        <rsy-queue-more>
          rsy-queue-more
        </rsy-queue-more>
      </bgp-rsync-queue-entry>
    </bgp-rsync-estab-queue>
  </bgp-rsync-master>
</bgp-sync-information>

```

```
</bgp-rsync-estab-queue>
</bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rsync-stats>

Usage

```
<bgp-rsync-master>
<bgp-rsync-stats>
  <open-send-count>
    open-send-count
  </open-send-count>
  <estab-send-count>
    estab-send-count
  </estab-send-count>
  <update-send-count>
    update-send-count
  </update-send-count>
  <error-send-count>
    error-send-count
  </error-send-count>
  <complete-send-count>
    complete-send-count
  </complete-send-count>
  <open-receive-count>
    open-receive-count
  </open-receive-count>
  <request-wild-receive-count>
    request-wild-receive-count
  </request-wild-receive-count>
  <request-tgt-receive-count>
    request-tgt-receive-count
  </request-tgt-receive-count>
  <estab-ack-receive-count>
    estab-ack-receive-count
  </estab-ack-receive-count>
  <complete-ack-receive-count>
    complete-ack-receive-count
  </complete-ack-receive-count>
</bgp-rsync-stats>
</bgp-rsync-master>
```

Description

<bgp-rsync-stats>

Usage

```
<bgp-sync-information>
<bgp-rsync-master>
  <bgp-rsync-stats>
    <open-send-count>
      open-send-count
```



```

</open-send-count>
<estab-send-count>
  estab-send-count
</estab-send-count>
<update-send-count>
  update-send-count
</update-send-count>
<error-send-count>
  error-send-count
</error-send-count>
<complete-send-count>
  complete-send-count
</complete-send-count>
<open-receive-count>
  open-receive-count
</open-receive-count>
<request-wild-receive-count>
  request-wild-receive-count
</request-wild-receive-count>
<request-tgt-receive-count>
  request-tgt-receive-count
</request-tgt-receive-count>
<estab-ack-receive-count>
  estab-ack-receive-count
</estab-ack-receive-count>
<complete-ack-receive-count>
  complete-ack-receive-count
</complete-ack-receive-count>
</bgp-rsync-stats>
</bgp-rsync-master>
</bgp-sync-information>

```

Description

<bgp-rsync-walk>

Usage

```

<bgp-rsync-master>
  <bgp-rsync-walk>
    <bgp-rsync-walk-table>
      bgp-rsync-walk-table
    </bgp-rsync-walk-table>
    <bgp-rsync-walk-prefix>
      bgp-rsync-walk-prefix
    </bgp-rsync-walk-prefix>
    <bgp-rsync-walk-prefixlen>
      bgp-rsync-walk-prefixlen
    </bgp-rsync-walk-prefixlen>
    <queue-count>
      queue-count
    </queue-count>
  </bgp-rsync-walk>
</bgp-rsync-master>

```

Description

<bgp-rsync-walk>

Usage

```
<bgp-sync-information>
  <bgp-rsync-master>
    <bgp-rsync-walk>
      <bgp-rsync-walk-table>
        bgp-rsync-walk-table
      </bgp-rsync-walk-table>
      <bgp-rsync-walk-prefix>
        bgp-rsync-walk-prefix
      </bgp-rsync-walk-prefix>
      <bgp-rsync-walk-prefixlen>
        bgp-rsync-walk-prefixlen
      </bgp-rsync-walk-prefixlen>
      <queue-count>
        queue-count
      </queue-count>
    </bgp-rsync-walk>
  </bgp-rsync-master>
</bgp-sync-information>
```

Description

<bgp-rtf-brief>

Usage

```
<bgp-rtf-brief>
  <group-name>
    group-name
  </group-name>
  <table-name>
    table-name
  </table-name>
  <bgp-rtf-state-flags>
    bgp-rtf-state-flags
  </bgp-rtf-state-flags>
  <bgp-rtf-entries>
    bgp-rtf-entries
  </bgp-rtf-entries>
</bgp-rtf-brief>
```

Description

<bgp-rtf-brief>

Usage

```
<bgp-rtf-information>
  <bgp-rtf-brief>
    <group-name>
      group-name
    </group-name>
    <table-name>
```

```

        table-name
      </table-name>
      <bgp-rtf-state-flags>
        bgp-rtf-state-flags
      </bgp-rtf-state-flags>
      <bgp-rtf-entries>
        bgp-rtf-entries
      </bgp-rtf-entries>
    </bgp-rtf-brief>
  </bgp-rtf-information>

```

Description

<bgp-rtf-entry>

Usage

```

<bgp-rtf-entry>
  <rtarget>
    rtarget
  </rtarget>
  <rtarget-mask>
    rtarget-mask
  </rtarget-mask>
</bgp-rtf-entry>

```

Description

<bgp-rtf-entry>

Usage

```

<bgp-rtf-state>
  <bgp-rtf-entry>
    <rtarget>
      rtarget
    </rtarget>
    <rtarget-mask>
      rtarget-mask
    </rtarget-mask>
  </bgp-rtf-entry>
</bgp-rtf-state>

```

Description

<bgp-rtf-entry>

Usage

```

<bgp-rtf-group>
  <bgp-rtf-state>
    <bgp-rtf-entry>
      <rtarget>
        rtarget
      </rtarget>
      <rtarget-mask>
        rtarget-mask

```

```
</rtarget-mask>
</bgp-rtf-entry>
</bgp-rtf-state>
</bgp-rtf-group>
```

Description

<bgp-rtf-entry>

Usage

```
<bgp-rtf-information>
<bgp-rtf-group>
<bgp-rtf-state>
  <bgp-rtf-entry>
    <rtarget>
      rtarget
    </rtarget>
    <rtarget-mask>
      rtarget-mask
    </rtarget-mask>
  </bgp-rtf-entry>
</bgp-rtf-state>
</bgp-rtf-group>
</bgp-rtf-information>
```

Description

<bgp-rtf-group>

Usage

```
<bgp-rtf-group>
<group-name>
  group-name
</group-name>
<rtarget-recv-mask>
  rtarget-recv-mask
</rtarget-recv-mask>
<default-mask>
  default-mask
</default-mask>
<bgp-rtf-state>....</bgp-rtf-state>
</bgp-rtf-group>
```

Description

<bgp-rtf-group>

Usage

```
<bgp-rtf-information>
<bgp-rtf-group>
  <group-name>
    group-name
  </group-name>
  <rtarget-recv-mask>
```

```

    rtarget-recv-mask
  </rtarget-recv-mask>
  <default-mask>
    default-mask
  </default-mask>
  <bgp-rtf-state>....</bgp-rtf-state>
</bgp-rtf-group>
</bgp-rtf-information>

```

Description**<bgp-rtf-information>****Usage**

```

<bgp-rtf-information>
  <bgp-rtf-brief>....</bgp-rtf-brief>
  <bgp-rtf-group>....</bgp-rtf-group>
</bgp-rtf-information>

```

Description BGP route target filtering information**<bgp-rtf-state>****Usage**

```

<bgp-rtf-state>
  <table-name>
    table-name
  </table-name>
  <bgp-rtf-state-flags>
    bgp-rtf-state-flags
  </bgp-rtf-state-flags>
  <bgp-rtf-entries>
    bgp-rtf-entries
  </bgp-rtf-entries>
  <bgp-rtf-entry>....</bgp-rtf-entry>
</bgp-rtf-state>

```

Description**<bgp-rtf-state>****Usage**

```

<bgp-rtf-group>
  <bgp-rtf-state>
    <table-name>
      table-name
    </table-name>
    <bgp-rtf-state-flags>
      bgp-rtf-state-flags
    </bgp-rtf-state-flags>
    <bgp-rtf-entries>
      bgp-rtf-entries
    </bgp-rtf-entries>
  </bgp-rtf-state>

```

```
<bgp-rtf-entry>....</bgp-rtf-entry>
</bgp-rtf-state>
</bgp-rtf-group>
```

Description

<bgp-rtf-state>

Usage

```
<bgp-rtf-information>
<bgp-rtf-group>
  <bgp-rtf-state>
    <table-name>
      table-name
    </table-name>
    <bgp-rtf-state-flags>
      bgp-rtf-state-flags
    </bgp-rtf-state-flags>
    <bgp-rtf-entries>
      bgp-rtf-entries
    </bgp-rtf-entries>
    <bgp-rtf-entry>....</bgp-rtf-entry>
  </bgp-rtf-state>
</bgp-rtf-group>
</bgp-rtf-information>
```

Description

<bgp-standby>

Usage

```
<bgp-standby>
<bgp-standby-state>
  bgp-standby-state
</bgp-standby-state>
<bgp-standby-last-trans>
  bgp-standby-last-trans
</bgp-standby-last-trans>
<bgp-standby-sendbuf>
  bgp-standby-sendbuf
</bgp-standby-sendbuf>
<bgp-unsync-timer>
  bgp-unsync-timer
</bgp-unsync-timer>
<bgp-unsync-pending-tm>
  bgp-unsync-pending-tm
</bgp-unsync-pending-tm>
<bgp-unsync-queue>....</bgp-unsync-queue>
<bgp-unsync-pending>....</bgp-unsync-pending>
<bgp-standby-sync-queue>....</bgp-standby-sync-queue>
</bgp-standby>
```

Description

<bgp-standby>**Usage**

```

<bgp-sync-information>
  <bgp-standby>
    <bgp-standby-state>
      bgp-standby-state
    </bgp-standby-state>
    <bgp-standby-last-trans>
      bgp-standby-last-trans
    </bgp-standby-last-trans>
    <bgp-standby-sendbuf>
      bgp-standby-sendbuf
    </bgp-standby-sendbuf>
    <bgp-unsync-timer>
      bgp-unsync-timer
    </bgp-unsync-timer>
    <bgp-unsync-pending-tm>
      bgp-unsync-pending-tm
    </bgp-unsync-pending-tm>
    <bgp-unsync-queue>.....</bgp-unsync-queue>
    <bgp-unsync-pending>.....</bgp-unsync-pending>
    <bgp-standby-sync-queue>.....</bgp-standby-sync-queue>
  </bgp-standby>
</bgp-sync-information>

```

Description**<bgp-standby-sync-entry>****Usage**

```

<bgp-standby-sync-entry>
  <bstandby-iid>
    bstandby-iid
  </bstandby-iid>
  <bstandby-addr>
    bstandby-addr
  </bstandby-addr>
</bgp-standby-sync-entry>

```

Description**<bgp-standby-sync-entry>****Usage**

```

<bgp-standby>
  <bgp-standby-sync-queue>
    <bgp-standby-sync-entry>
      <bstandby-iid>
        bstandby-iid
      </bstandby-iid>
      <bstandby-addr>
        bstandby-addr
      </bstandby-addr>
    </bgp-standby-sync-entry>
  </bgp-standby-sync-queue>
</bgp-standby>

```

```
</bgp-standby-sync-entry>
</bgp-standby-sync-queue>
</bgp-standby>
```

Description

<bgp-standby-sync-entry>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-standby-sync-queue>
      <bgp-standby-sync-entry>
        <bstandby-iid>
          bstandby-iid
        </bstandby-iid>
        <bstandby-addr>
          bstandby-addr
        </bstandby-addr>
      </bgp-standby-sync-entry>
    </bgp-standby-sync-queue>
  </bgp-standby>
</bgp-sync-information>
```

Description

<bgp-standby-sync-queue>

Usage

```
<bgp-standby>
  <bgp-standby-sync-queue>
    <bgp-standby-sync-entry>....</bgp-standby-sync-entry>
  </bgp-standby-sync-queue>
</bgp-standby>
```

Description

<bgp-standby-sync-queue>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-standby-sync-queue>
      <bgp-standby-sync-entry>....</bgp-standby-sync-entry>
    </bgp-standby-sync-queue>
  </bgp-standby>
</bgp-sync-information>
```

Description

<bgp-sync-information>

Usage

```

<bgp-sync-information>
  <bgp-rsync-master>....</bgp-rsync-master>
  <bgp-standby>....</bgp-standby>
</bgp-sync-information>

```

Description BGP synchronization information

<bgp-traffic-statistics>

Usage

```

<bgp-traffic-statistics>
  <bgp-prefix>
    bgp-prefix
  </bgp-prefix>
  <bgp-traffic-type>
    bgp-traffic-type
  </bgp-traffic-type>
  <bgp-traffic-error>
    bgp-traffic-error
  </bgp-traffic-error>
  <bgp-traffic-statistics-packet-count>
    bgp-traffic-statistics-packet-count
  </bgp-traffic-statistics-packet-count>
  <bgp-traffic-statistics-byte-count>
    bgp-traffic-statistics-byte-count
  </bgp-traffic-statistics-byte-count>
  <bgp-traffic-statistics-egress-as>
    bgp-traffic-statistics-egress-as
  </bgp-traffic-statistics-egress-as>
  <bgp-traffic-statistics-advertised-fec-label>
    bgp-traffic-statistics-advertised-fec-label
  </bgp-traffic-statistics-advertised-fec-label>
</bgp-traffic-statistics>

```

Description

<bgp-traffic-statistics>

Usage

```

<bgp-traffic-statistics-information>
  <bgp-traffic-statistics>
    <bgp-prefix>
      bgp-prefix
    </bgp-prefix>
    <bgp-traffic-type>
      bgp-traffic-type
    </bgp-traffic-type>
    <bgp-traffic-error>
      bgp-traffic-error
    </bgp-traffic-error>
  </bgp-traffic-statistics>

```

```
<bgp-traffic-statistics-packet-count>
  bgp-traffic-statistics-packet-count
</bgp-traffic-statistics-packet-count>
<bgp-traffic-statistics-byte-count>
  bgp-traffic-statistics-byte-count
</bgp-traffic-statistics-byte-count>
<bgp-traffic-statistics-egress-as>
  bgp-traffic-statistics-egress-as
</bgp-traffic-statistics-egress-as>
<bgp-traffic-statistics-advertised-fec-label>
  bgp-traffic-statistics-advertised-fec-label
</bgp-traffic-statistics-advertised-fec-label>
</bgp-traffic-statistics>
</bgp-traffic-statistics-information>
```

Description

<bgp-traffic-statistics-error>

Usage

```
<bgp-traffic-statistics-error>
  <bgp-traffic-error>
    bgp-traffic-error
  </bgp-traffic-error>
</bgp-traffic-statistics-error>
```

Description

<bgp-traffic-statistics-error>

Usage

```
<bgp-traffic-statistics-information>
  <bgp-traffic-statistics-error>
    <bgp-traffic-error>
      bgp-traffic-error
    </bgp-traffic-error>
  </bgp-traffic-statistics-error>
</bgp-traffic-statistics-information>
```

Description

<bgp-traffic-statistics-header>

Usage

```
<bgp-traffic-statistics-header>
  <group-name>
    group-name
  </group-name>
  <group-index>
    group-index
  </group-index>
  <nlri-name>
    nlri-name
  </nlri-name>
```

</bgp-traffic-statistics-header>

Description

<bgp-traffic-statistics-header>

Usage

```
<bgp-traffic-statistics-information>
  <bgp-traffic-statistics-header>
    <group-name>
      group-name
    </group-name>
    <group-index>
      group-index
    </group-index>
    <nlri-name>
      nlri-name
    </nlri-name>
  </bgp-traffic-statistics-header>
</bgp-traffic-statistics-information>
```

Description

<bgp-traffic-statistics-information>

Usage

```
<bgp-traffic-statistics-information>
  <bgp-traffic-statistics-header>....</bgp-traffic-statistics-header>
  <bgp-traffic-statistics>....</bgp-traffic-statistics>
  <bgp-traffic-statistics-error>....</bgp-traffic-statistics-error>
</bgp-traffic-statistics-information>
```

Description

<bgp-unsync-entry>

Usage

```
<bgp-unsync-entry>
  <usy-iid>
    usy-iid
  </usy-iid>
  <usy-addr>
    usy-addr
  </usy-addr>
  <usy-elapsed>
    usy-elapsed
  </usy-elapsed>
  <usy-flags>
    usy-flags
  </usy-flags>
  <usy-more>
    usy-more
  </usy-more>
```

</bgp-unsync-entry>

Description

<bgp-unsync-entry>

Usage

```
<bgp-standby>
  <bgp-unsync-queue>
    <bgp-unsync-entry>
      <usy-iid>
        usy-iid
      </usy-iid>
      <usy-addr>
        usy-addr
      </usy-addr>
      <usy-elapsed>
        usy-elapsed
      </usy-elapsed>
      <usy-flags>
        usy-flags
      </usy-flags>
      <usy-more>
        usy-more
      </usy-more>
    </bgp-unsync-entry>
  </bgp-unsync-queue>
</bgp-standby>
```

Description

<bgp-unsync-entry>

Usage

```
<bgp-standby>
  <bgp-unsync-pending>
    <bgp-unsync-entry>
      <usy-iid>
        usy-iid
      </usy-iid>
      <usy-addr>
        usy-addr
      </usy-addr>
      <usy-elapsed>
        usy-elapsed
      </usy-elapsed>
      <usy-flags>
        usy-flags
      </usy-flags>
      <usy-more>
        usy-more
      </usy-more>
    </bgp-unsync-entry>
  </bgp-unsync-pending>
```

```
</bgp-standby>
```

Description

<bgp-unsync-entry>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-unsync-queue>
      <bgp-unsync-entry>
        <usy-iid>
          usy-iid
        </usy-iid>
        <usy-addr>
          usy-addr
        </usy-addr>
        <usy-elapsed>
          usy-elapsed
        </usy-elapsed>
        <usy-flags>
          usy-flags
        </usy-flags>
        <usy-more>
          usy-more
        </usy-more>
      </bgp-unsync-entry>
    </bgp-unsync-queue>
  </bgp-standby>
</bgp-sync-information>
```

Description

<bgp-unsync-entry>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-unsync-pending>
      <bgp-unsync-entry>
        <usy-iid>
          usy-iid
        </usy-iid>
        <usy-addr>
          usy-addr
        </usy-addr>
        <usy-elapsed>
          usy-elapsed
        </usy-elapsed>
        <usy-flags>
          usy-flags
        </usy-flags>
        <usy-more>
          usy-more
```

```
</usy-more>
</bgp-unsync-entry>
</bgp-unsync-pending>
</bgp-standby>
</bgp-sync-information>
```

Description

<bgp-unsync-pending>

Usage

```
<bgp-standby>
  <bgp-unsync-pending>
    <bgp-unsync-entry>....</bgp-unsync-entry>
  </bgp-unsync-pending>
</bgp-standby>
```

Description

<bgp-unsync-pending>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-unsync-pending>
      <bgp-unsync-entry>....</bgp-unsync-entry>
    </bgp-unsync-pending>
  </bgp-standby>
</bgp-sync-information>
```

Description

<bgp-unsync-queue>

Usage

```
<bgp-standby>
  <bgp-unsync-queue>
    <bgp-unsync-entry>....</bgp-unsync-entry>
  </bgp-unsync-queue>
</bgp-standby>
```

Description

<bgp-unsync-queue>

Usage

```
<bgp-sync-information>
  <bgp-standby>
    <bgp-unsync-queue>
      <bgp-unsync-entry>....</bgp-unsync-entry>
    </bgp-unsync-queue>
  </bgp-standby>
```

```
</bgp-sync-information>
```

Description

<bootstrap-family>

Usage

```
<pim-bootstrap-information>
  <bootstrap-family>
    <address-family>
      address-family
    </address-family>
    <address>
      address
    </address>
    <bootstrap-priority>
      bootstrap-priority
    </bootstrap-priority>
    <local-address>
      local-address
    </local-address>
    <local-priority>
      local-priority
    </local-priority>
    <bootstrap-state>
      bootstrap-state
    </bootstrap-state>
    <bootstrap-timeout>
      bootstrap-timeout
    </bootstrap-timeout>
  </bootstrap-family>
</pim-bootstrap-information>
```

Description

<bypass-info>

Usage

```
<rsvp-interface>
  <bypass-info>
    <lp-status>
      lp-status
    </lp-status>
    <lp-requested>
      lp-requested
    </lp-requested>
    <lp-granted>
      lp-granted
    </lp-granted>
    <lp-failure>
      lp-failure
    </lp-failure>
    <total-bypass>
      total-bypass
```

```
</total-bypass>
<bypass-name>
  bypass-name
</bypass-name>
<bypass-state>
  bypass-state
</bypass-state>
<bypass-type>
  bypass-type
</bypass-type>
<rsvp-lp-psb-cnt>
  rsvp-lp-psb-cnt
</rsvp-lp-psb-cnt>
<rsvp-lp-backup-lsp-cnt>
  rsvp-lp-backup-lsp-cnt
</rsvp-lp-backup-lsp-cnt>
<lp-history>....</lp-history>
</bypass-info>
</rsvp-interface>
```

Description

<bypass-info>

Usage

```
<bypass-info>
  <lp-status>
    lp-status
  </lp-status>
  <lp-requested>
    lp-requested
  </lp-requested>
  <lp-granted>
    lp-granted
  </lp-granted>
  <lp-failure>
    lp-failure
  </lp-failure>
  <total-bypass>
    total-bypass
  </total-bypass>
  <bypass-name>
    bypass-name
  </bypass-name>
  <bypass-state>
    bypass-state
  </bypass-state>
  <bypass-type>
    bypass-type
  </bypass-type>
  <rsvp-lp-psb-cnt>
    rsvp-lp-psb-cnt
  </rsvp-lp-psb-cnt>
  <rsvp-lp-backup-lsp-cnt>
    rsvp-lp-backup-lsp-cnt
```



```

</rsvp-lp-backup-lsp-cnt>
<lp-history>....</lp-history>
</bypass-info>

```

Description

<bypass-info>

Usage

```

<rsvp-interface-information>
<rsvp-interface>
  <bypass-info>
    <lp-status>
      lp-status
    </lp-status>
    <lp-requested>
      lp-requested
    </lp-requested>
    <lp-granted>
      lp-granted
    </lp-granted>
    <lp-failure>
      lp-failure
    </lp-failure>
    <total-bypass>
      total-bypass
    </total-bypass>
    <bypass-name>
      bypass-name
    </bypass-name>
    <bypass-state>
      bypass-state
    </bypass-state>
    <bypass-type>
      bypass-type
    </bypass-type>
    <rsvp-lp-psb-cnt>
      rsvp-lp-psb-cnt
    </rsvp-lp-psb-cnt>
    <rsvp-lp-backup-lsp-cnt>
      rsvp-lp-backup-lsp-cnt
    </rsvp-lp-backup-lsp-cnt>
    <lp-history>....</lp-history>
  </bypass-info>
</rsvp-interface>
</rsvp-interface-information>

```

Description

<c-multicast-ipv4>

Usage

```

<instance>
  <c-multicast-ipv4>

```

```
<c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
</c-multicast-ipv4>
</instance>
```

Description

<c-multicast-ipv4>

Usage

```
<l2vpn-connection-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</l2vpn-connection-information>
```

Description

<c-multicast-ipv4>

Usage

```
<vpls-connection-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</vpls-connection-information>
```

Description

<c-multicast-ipv4>

Usage

```
<vpls-statistics-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</vpls-statistics-information>
```

Description

<c-multicast-ipv4>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
```

```

</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<c-multicast-ipv4>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<c-multicast-ipv4>

Usage

```

<c-multicast-ipv4>
<c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
</c-multicast-ipv4>

```

Description

<c-multicast-ipv4>

Usage

```

<instance-entry>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance-entry>

```

Description

<c-multicast-ipv4>

Usage

```

<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance-entry>
</mvpn-instance>

```

Description

<c-multicast-ipv4>

Usage

```
<mvpn-instance-information>
<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>.....</c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance-entry>
</mvpn-instance>
</mvpn-instance-information>
```

Description

<c-multicast-ipv4>

Usage

```
<mvpn-instance-information>
<instance>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>.....</c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance>
</mvpn-instance-information>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<instance>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<l2vpn-connection-information>
```

```

<instance>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance>
</l2vpn-connection-information>

```

Description

<c-multicast-ipv4-entry>

Usage

```

<vpls-connection-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</vpls-connection-information>

```

Description

<c-multicast-ipv4-entry>

Usage

```

<vpls-statistics-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id

```

```
</provider-tunnel-id>
<c-multicast-property>
  c-multicast-property
</c-multicast-property>
</c-multicast-ipv4-entry>
</c-multicast-ipv4>
</instance>
</vpls-statistics-information>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv4-entry>
  </c-multicast-ipv4>
</instance>
```

```
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<c-multicast-ipv4-entry>
  <c-multicast-address>
    c-multicast-address
  </c-multicast-address>
  <provider-tunnel-id>
    provider-tunnel-id
  </provider-tunnel-id>
  <c-multicast-property>
    c-multicast-property
  </c-multicast-property>
</c-multicast-ipv4-entry>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<c-multicast-ipv4>
  <c-multicast-ipv4-entry>
    <c-multicast-address>
      c-multicast-address
    </c-multicast-address>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
    <c-multicast-property>
      c-multicast-property
    </c-multicast-property>
  </c-multicast-ipv4-entry>
</c-multicast-ipv4>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<instance-entry>
  <c-multicast-ipv4>
    <c-multicast-ipv4-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
```

```
    c-multicast-property
  </c-multicast-property>
</c-multicast-ipv4-entry>
</c-multicast-ipv4>
</instance-entry>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance-entry>
</mvpn-instance>
```

Description

<c-multicast-ipv4-entry>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>
      <c-multicast-ipv4>
        <c-multicast-ipv4-entry>
          <c-multicast-address>
            c-multicast-address
          </c-multicast-address>
          <provider-tunnel-id>
            provider-tunnel-id
          </provider-tunnel-id>
          <c-multicast-property>
            c-multicast-property
          </c-multicast-property>
        </c-multicast-ipv4-entry>
      </c-multicast-ipv4>
    </instance-entry>
  </mvpn-instance>
</mvpn-instance-information>
```


Description

<c-multicast-ipv4-entry>

Usage

```

<mvpn-instance-information>
  <instance>
    <c-multicast-ipv4>
      <c-multicast-ipv4-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv4-entry>
    </c-multicast-ipv4>
  </instance>
</mvpn-instance-information>

```

Description

<c-multicast-ipv6>

Usage

```

<instance>
  <c-multicast-ipv6>
    <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance>

```

Description

<c-multicast-ipv6>

Usage

```

<l2vpn-connection-information>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</l2vpn-connection-information>

```

Description

<c-multicast-ipv6>

Usage

```

<vpls-connection-information>
  <instance>

```

```
<c-multicast-ipv6>
  <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
</c-multicast-ipv6>
</instance>
</vpls-connection-information>
```

Description

<c-multicast-ipv6>

Usage

```
<vpls-statistics-information>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</vpls-statistics-information>
```

Description

<c-multicast-ipv6>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<c-multicast-ipv6>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <c-multicast-ipv6>
        <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
      </c-multicast-ipv6>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<c-multicast-ipv6>

Usage

```
<c-multicast-ipv6>
```

```
<c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
</c-multicast-ipv6>
```

Description**<c-multicast-ipv6>****Usage**

```
<instance-entry>
  <c-multicast-ipv6>
    <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance-entry>
```

Description**<c-multicast-ipv6>****Usage**

```
<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance-entry>
</mvpn-instance>
```

Description**<c-multicast-ipv6>****Usage**

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>
      <c-multicast-ipv6>
        <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
      </c-multicast-ipv6>
    </instance-entry>
  </mvpn-instance>
</mvpn-instance-information>
```

Description**<c-multicast-ipv6>****Usage**

```
<mvpn-instance-information>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>....</c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
```

```
</mvpn-instance-information>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<instance>
  <c-multicast-ipv6>
    <c-multicast-ipv6-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<l2vpn-connection-information>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</l2vpn-connection-information>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<vpls-connection-information>
  <instance>
    <c-multicast-ipv6>
```

```

<c-multicast-ipv6-entry>
  <c-multicast-address>
    c-multicast-address
  </c-multicast-address>
  <provider-tunnel-id>
    provider-tunnel-id
  </provider-tunnel-id>
  <c-multicast-property>
    c-multicast-property
  </c-multicast-property>
</c-multicast-ipv6-entry>
</c-multicast-ipv6>
</instance>
</vpls-connection-information>

```

Description

<c-multicast-ipv6-entry>

Usage

```

<vpls-statistics-information>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</vpls-statistics-information>

```

Description

<c-multicast-ipv6-entry>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>

```

```
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<c-multicast-ipv6-entry>
  <c-multicast-address>
    c-multicast-address
  </c-multicast-address>
  <provider-tunnel-id>
    provider-tunnel-id
  </provider-tunnel-id>
  <c-multicast-property>
    c-multicast-property
  </c-multicast-property>
</c-multicast-ipv6-entry>
```

Description

<c-multicast-ipv6-entry>**Usage**

```

<c-multicast-ipv6>
  <c-multicast-ipv6-entry>
    <c-multicast-address>
      c-multicast-address
    </c-multicast-address>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
    <c-multicast-property>
      c-multicast-property
    </c-multicast-property>
  </c-multicast-ipv6-entry>
</c-multicast-ipv6>

```

Description**<c-multicast-ipv6-entry>****Usage**

```

<instance-entry>
  <c-multicast-ipv6>
    <c-multicast-ipv6-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance-entry>

```

Description**<c-multicast-ipv6-entry>****Usage**

```

<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>

```

```
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance-entry>
</mvpn-instance>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<mvpn-instance-information>
<mvpn-instance>
  <instance-entry>
    <c-multicast-ipv6>
      <c-multicast-ipv6-entry>
        <c-multicast-address>
          c-multicast-address
        </c-multicast-address>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
        <c-multicast-property>
          c-multicast-property
        </c-multicast-property>
      </c-multicast-ipv6-entry>
    </c-multicast-ipv6>
  </instance-entry>
</mvpn-instance>
</mvpn-instance-information>
```

Description

<c-multicast-ipv6-entry>

Usage

```
<mvpn-instance-information>
<instance>
  <c-multicast-ipv6>
    <c-multicast-ipv6-entry>
      <c-multicast-address>
        c-multicast-address
      </c-multicast-address>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
      <c-multicast-property>
        c-multicast-property
      </c-multicast-property>
    </c-multicast-ipv6-entry>
  </c-multicast-ipv6>
</instance>
```



```
</mvpn-instance-information>
```

Description

<c-multicast-ipv6-summary>

Usage

```
<c-multicast-ipv6-summary>
  <c-multicast-ipv6-count>
    c-multicast-ipv6-count
  </c-multicast-ipv6-count>
</c-multicast-ipv6-summary>
```

Description

<c-multicast-ipv6-summary>

Usage

```
<instance-entry-summary>
  <c-multicast-ipv6-summary>
    <c-multicast-ipv6-count>
      c-multicast-ipv6-count
    </c-multicast-ipv6-count>
  </c-multicast-ipv6-summary>
</instance-entry-summary>
```

Description

<c-multicast-ipv6-summary>

Usage

```
<mvpn-instance>
  <instance-entry-summary>
    <c-multicast-ipv6-summary>
      <c-multicast-ipv6-count>
        c-multicast-ipv6-count
      </c-multicast-ipv6-count>
    </c-multicast-ipv6-summary>
  </instance-entry-summary>
</mvpn-instance>
```

Description

<c-multicast-ipv6-summary>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry-summary>
      <c-multicast-ipv6-summary>
        <c-multicast-ipv6-count>
          c-multicast-ipv6-count
        </c-multicast-ipv6-count>
      </c-multicast-ipv6-summary>
    </instance-entry-summary>
  </mvpn-instance>
</mvpn-instance-information>
```

```
</c-multicast-ipv6-summary>
</instance-entry-summary>
</mvpn-instance>
</mvpn-instance-information>
```

Description

<c-multicast-summary>

Usage

```
<c-multicast-summary>
  <c-multicast-ipv4-count>
    c-multicast-ipv4-count
  </c-multicast-ipv4-count>
</c-multicast-summary>
```

Description

<c-multicast-summary>

Usage

```
<instance-entry-summary>
  <c-multicast-summary>
    <c-multicast-ipv4-count>
      c-multicast-ipv4-count
    </c-multicast-ipv4-count>
  </c-multicast-summary>
</instance-entry-summary>
```

Description

<c-multicast-summary>

Usage

```
<mvpn-instance>
  <instance-entry-summary>
    <c-multicast-summary>
      <c-multicast-ipv4-count>
        c-multicast-ipv4-count
      </c-multicast-ipv4-count>
    </c-multicast-summary>
  </instance-entry-summary>
</mvpn-instance>
```

Description

<c-multicast-summary>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry-summary>
      <c-multicast-summary>
```

```

    <c-multicast-ipv4-count>
      c-multicast-ipv4-count
    </c-multicast-ipv4-count>
  </c-multicast-summary>
</instance-entry-summary>
</mvpn-instance>
</mvpn-instance-information>

```

Description

<ccc-connection>

Usage

```

<ccc-connection>
  <ccc-connection-name>
    ccc-connection-name
  </ccc-connection-name>
  <ccc-connection-type>
    ccc-connection-type
  </ccc-connection-type>
  <ccc-connection-status>
    ccc-connection-status
  </ccc-connection-status>
  <ccc-connection-last-uptime>
    ccc-connection-last-uptime
  </ccc-connection-last-uptime>
  <ccc-connection-up-transitions>
    ccc-connection-up-transitions
  </ccc-connection-up-transitions>
  <ccc-connection-circuit>....</ccc-connection-circuit>
  <ccc-connection-in-labels>....</ccc-connection-in-labels>
  <ccc-connection-out-labels>....</ccc-connection-out-labels>
  <ccc-connection-history>....</ccc-connection-history>
</ccc-connection>

```

Description

<ccc-connection>

Usage

```

<ccc-information>
  <ccc-connection>
    <ccc-connection-name>
      ccc-connection-name
    </ccc-connection-name>
    <ccc-connection-type>
      ccc-connection-type
    </ccc-connection-type>
    <ccc-connection-status>
      ccc-connection-status
    </ccc-connection-status>
    <ccc-connection-last-uptime>
      ccc-connection-last-uptime
    </ccc-connection-last-uptime>
  </ccc-connection>

```

```
<ccc-connection-up-transitions>
  ccc-connection-up-transitions
</ccc-connection-up-transitions>
<ccc-connection-circuit>....</ccc-connection-circuit>
<ccc-connection-in-labels>....</ccc-connection-in-labels>
<ccc-connection-out-labels>....</ccc-connection-out-labels>
<ccc-connection-history>....</ccc-connection-history>
</ccc-connection>
</ccc-information>
```

Description

<ccc-connection-circuit>

Usage

```
<ccc-connection>
  <ccc-connection-circuit>
    <ccc-circuit-name>
      ccc-circuit-name
    </ccc-circuit-name>
    <ccc-circuit-type>
      ccc-circuit-type
    </ccc-circuit-type>
    <ccc-circuit-status>
      ccc-circuit-status
    </ccc-circuit-status>
  </ccc-connection-circuit>
</ccc-connection>
```

Description

<ccc-connection-circuit>

Usage

```
<ccc-information>
  <ccc-connection>
    <ccc-connection-circuit>
      <ccc-circuit-name>
        ccc-circuit-name
      </ccc-circuit-name>
      <ccc-circuit-type>
        ccc-circuit-type
      </ccc-circuit-type>
      <ccc-circuit-status>
        ccc-circuit-status
      </ccc-circuit-status>
    </ccc-connection-circuit>
  </ccc-connection>
</ccc-information>
```

Description

<ccc-connection-history>**Usage**

```

<ccc-connection>
  <ccc-connection-history>
    <ccc-connection-history-log>....</ccc-connection-history-log>
  </ccc-connection-history>
</ccc-connection>

```

Description**<ccc-connection-history>****Usage**

```

<ccc-information>
  <ccc-connection>
    <ccc-connection-history>
      <ccc-connection-history-log>....</ccc-connection-history-log>
    </ccc-connection-history>
  </ccc-connection>
</ccc-information>

```

Description**<ccc-connection-history-log>****Usage**

```

<ccc-connection>
  <ccc-connection-history>
    <ccc-connection-history-log>
      <event-time>
        event-time
      </event-time>
      <event-name>
        event-name
      </event-name>
      <interface-label-info>
        interface-label-info
      </interface-label-info>
      <receive-lsp-count>
        receive-lsp-count
      </receive-lsp-count>
      <transmit-lsp-count>
        transmit-lsp-count
      </transmit-lsp-count>
    </ccc-connection-history-log>
  </ccc-connection-history>
</ccc-connection>

```

Description

<ccc-connection-history-log>

Usage

```
<ccc-information>
  <ccc-connection>
    <ccc-connection-history>
      <ccc-connection-history-log>
        <event-time>
          event-time
        </event-time>
        <event-name>
          event-name
        </event-name>
        <interface-label-info>
          interface-label-info
        </interface-label-info>
        <receive-lsp-count>
          receive-lsp-count
        </receive-lsp-count>
        <transmit-lsp-count>
          transmit-lsp-count
        </transmit-lsp-count>
      </ccc-connection-history-log>
    </ccc-connection-history>
  </ccc-connection>
</ccc-information>
```

Description

<ccc-connection-in-labels>

Usage

```
<ccc-connection>
  <ccc-connection-in-labels>
    <mpls-label>
      mpls-label
    </mpls-label>
    <no-label>
      no-label
    </no-label>
  </ccc-connection-in-labels>
</ccc-connection>
```

Description Incoming labels for this CCC connection

<ccc-connection-in-labels>

Usage

```
<ccc-information>
  <ccc-connection>
    <ccc-connection-in-labels>
      <mpls-label>
        mpls-label
      </mpls-label>
    </ccc-connection-in-labels>
  </ccc-connection>
</ccc-information>
```

```
</mpls-label>
<no-label>
  no-label
</no-label>
</ccc-connection-in-labels>
</ccc-connection>
</ccc-information>
```

Description Incoming labels for this CCC connection

<ccc-connection-out-labels>

Usage

```
<ccc-connection>
  <ccc-connection-out-labels>
    <mpls-label>
      mpls-label
    </mpls-label>
    <no-label>
      no-label
    </no-label>
  </ccc-connection-out-labels>
</ccc-connection>
```

Description Outgoing labels for this CCC connection

<ccc-connection-out-labels>

Usage

```
<ccc-information>
  <ccc-connection>
    <ccc-connection-out-labels>
      <mpls-label>
        mpls-label
      </mpls-label>
      <no-label>
        no-label
      </no-label>
    </ccc-connection-out-labels>
  </ccc-connection>
</ccc-information>
```

Description Outgoing labels for this CCC connection

<ccc-information>

Usage

```
<ccc-information>
  <ccc-no-connections>
    ccc-no-connections
  </ccc-no-connections>
```

```
<ccc-link-monitoring-status>
  ccc-link-monitoring-status
</ccc-link-monitoring-status>
<ccc-restarting>
  ccc-restarting
</ccc-restarting>
<ccc-connection>....</ccc-connection>
</ccc-information>
```

Description

<communities>

Usage

```
<route-information>
<route-table>
<rt>
  <rt-entry>
    <communities>
      <community>
        community
      </community>
      <extended-community>
        extended-community
      </extended-community>
    </communities>
  </rt-entry>
</rt>
</route-table>
</route-information>
```

Description

<communities>

Usage

```
<route-information>
<route-table>
<rt>
  <rt-entry>
    <attrset>
      <communities>
        <community>
          community
        </community>
        <extended-community>
          extended-community
        </extended-community>
      </communities>
    </attrset>
  </rt-entry>
</rt>
</route-table>
```



```
</route-information>
```

Description

<communities>

Usage

```
<route-information>
<route-table>
<rt>
  <communities>
    <community>
      community
    </community>
    <extended-community>
      extended-community
    </extended-community>
  </communities>
</rt>
</route-table>
</route-information>
```

Description

<communities>

Usage

```
<route-summary-information>
<route-table>
<rt>
  <rt-entry>
    <communities>
      <community>
        community
      </community>
      <extended-community>
        extended-community
      </extended-community>
    </communities>
  </rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<communities>

Usage

```
<route-summary-information>
<route-table>
<rt>
  <rt-entry>
    <attrset>
```

```
<communities>
  <community>
    community
  </community>
  <extended-community>
    extended-community
  </extended-community>
</communities>
</attrset>
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<communities>

Usage

```
<route-summary-information>
  <route-table>
    <rt>
      <communities>
        <community>
          community
        </community>
        <extended-community>
          extended-community
        </extended-community>
      </communities>
    </rt>
  </route-table>
</route-summary-information>
```

Description

<connection>

Usage

```
<connection>
  <connection-id>
    connection-id
  </connection-id>
  <connection-type>
    connection-type
  </connection-type>
  <connection-status>
    connection-status
  </connection-status>
  <last-change>
    last-change
  </last-change>
  <up-transitions>
    up-transitions
```

```

</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
</connection>

```

Description

<connection>

Usage

<mesh-group-connection>

```
<connection>
  <connection-id>
    connection-id
  </connection-id>
  <connection-type>
    connection-type
  </connection-type>
  <connection-status>
    connection-status
  </connection-status>
  <last-change>
    last-change
  </last-change>
  <up-transitions>
    up-transitions
  </up-transitions>
  <local-interface>....</local-interface>
  <remote-interface>....</remote-interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>
  <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
```

```

    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>

```

Description

<connection>

Usage

```

<instance>
  <reference-site>
    <connection>
      <connection-id>
        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
      <local-interface>....</local-interface>
      <remote-interface>....</remote-interface>
      <remote-pe>
        remote-pe
      </remote-pe>
      <control-word>
        control-word
      </control-word>
      <control-word-type>
        control-word-type
      </control-word-type>
      <interface-encapsulation>
        interface-encapsulation
      </interface-encapsulation>
      <inbound-label>
        inbound-label
      </inbound-label>
      <outbound-label>
        outbound-label
      </outbound-label>
      <connection-bandwidth>....</connection-bandwidth>
    <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
  </connection>
</reference-site>
</instance>

```

```
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  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
</connection>
</reference-site>
</instance>
```

Description

<connection>

Usage

```
<instance>
<reference-site>
<mesh-group-connection>
  <connection>
    <connection-id>
      connection-id
    </connection-id>
    <connection-type>
      connection-type
    </connection-type>
    <connection-status>
      connection-status
    </connection-status>
    <last-change>
      last-change
    </last-change>
    <up-transitions>
      up-transitions
    </up-transitions>
    <local-interface>....</local-interface>
    <remote-interface>....</remote-interface>
```

```

<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</reference-site>
</instance>

```

Description

<connection>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-id>
        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
      <local-interface>....</local-interface>
      <remote-interface>....</remote-interface>
      <remote-pe>
        remote-pe
      </remote-pe>
      <control-word>
        control-word
      </control-word>
      <control-word-type>
        control-word-type
      </control-word-type>
      <interface-encapsulation>
        interface-encapsulation
      </interface-encapsulation>
      <inbound-label>
        inbound-label
      </inbound-label>
      <outbound-label>
        outbound-label
      </outbound-label>
      <connection-bandwidth>....</connection-bandwidth>
    <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

    <connection-protection>
      connection-protection
    </connection-protection>
    <history>....</history>
    <l2vpn-local-site-id>
      l2vpn-local-site-id
    </l2vpn-local-site-id>
    <l2vpn-remote-site-id>
      l2vpn-remote-site-id
    </l2vpn-remote-site-id>
    <pw-status-tlv>
```



```

    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
</connection>
</ldp-vpls-reference-site>
</instance>

```

Description

<connection>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>

```

```
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
```

Description

<connection>

Usage

```
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
```

```

    connection-status
  </connection-status>
  <last-change>
    last-change
  </last-change>
  <up-transitions>
    up-transitions
  </up-transitions>
  <local-interface>....</local-interface>
  <remote-interface>....</remote-interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

```

```
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
```

Description

<connection>

Usage

```
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
  <connection-id>
    connection-id
  </connection-id>
  <connection-type>
    connection-type
  </connection-type>
  <connection-status>
    connection-status
  </connection-status>
  <last-change>
    last-change
  </last-change>
  <up-transitions>
    up-transitions
  </up-transitions>
  <local-interface>....</local-interface>
  <remote-interface>....</remote-interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>
  <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
```

```

<history>....</history>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description

<connection>

Usage

```

<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-connection>
  <connection>
    <connection-id>
      connection-id
    </connection-id>
    <connection-type>
      connection-type
    </connection-type>
    <connection-status>
      connection-status
    </connection-status>
    <last-change>
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    </last-change>
    <up-transitions>
      up-transitions
    </up-transitions>
    <local-interface>....</local-interface>
    <remote-interface>....</remote-interface>
    <remote-pe>

```

```
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<connection>

Usage

```

<l2vpn-connection-information>
  <instance>
    <reference-site>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
        <connection-bandwidth>....</connection-bandwidth>
      </connection>
    </instance>
  </l2vpn-connection-information>....</l2vpn-connection-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>

```

```
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<connection>

Usage

```
<l2vpn-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
```



```

</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

```

```

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

```

```

</connection>
</mesh-group-connection>
</reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<connection>

Usage

```

<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-id>
        connection-id

```

```
</connection-id>
<connection-type>
  connection-type
</connection-type>
<connection-status>
  connection-status
</connection-status>
<last-change>
  last-change
</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
```

```

        mesh-group-name
      </mesh-group-name>
      <egress-protection-protector>....</egress-protection-protector>
      <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

    </connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<connection>

Usage

```

<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

```

    <connection-bandwidth>....</connection-bandwidth>
  <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<connection>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <connection-id>
            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change

```

```

</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
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<connection-protection>
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</connection-protection>
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<l2vpn-local-site-id>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
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  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>

```

</l2vpn-connection-information>

Description

<connection>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
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          <connection-id>
            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change
          </last-change>
          <up-transitions>
            up-transitions
          </up-transitions>
          <local-interface>....</local-interface>
          <remote-interface>....</remote-interface>
          <remote-pe>
            remote-pe
          </remote-pe>
          <control-word>
            control-word
          </control-word>
          <control-word-type>
            control-word-type
          </control-word-type>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <inbound-label>
            inbound-label
          </inbound-label>
          <outbound-label>
            outbound-label
          </outbound-label>
          <connection-bandwidth>....</connection-bandwidth>
        <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

        <connection-protection>
          connection-protection
        </connection-protection>
        <history>....</history>
      </connection>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

```

    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<connection>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
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              connection-id
            </connection-id>
            <connection-type>
              connection-type
            </connection-type>
            <connection-status>
              connection-status
            </connection-status>
            <last-change>
              last-change
            </last-change>
            <up-transitions>
              up-transitions
            </up-transitions>
            <local-interface>....</local-interface>
            <remote-interface>....</remote-interface>
            <remote-pe>

```

```
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<connection>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
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        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
        <connection-bandwidth>....</connection-bandwidth>
      </connection>
    </reference-site>
  </instance>
</vpls-connection-information>....</vpls-connection-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>

```

```
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</instance>
</vpls-connection-information>
```

Description

<connection>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
```

```

</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

```

```

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  connection-protection
</connection-protection>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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  pw-status-tlv
</pw-status-tlv>
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  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

```

```

</connection>
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</reference-site>
</instance>
</vpls-connection-information>

```

Description

<connection>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <connection-id>
          connection-id

```

```
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</connection-type>
<connection-status>
  connection-status
</connection-status>
<last-change>
  last-change
</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
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</connection-protection>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
```

```

        mesh-group-name
      </mesh-group-name>
      <egress-protection-protector>....</egress-protection-protector>
      <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>

```

Description

<connection>

Usage

```

<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
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          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>

```

```
<connection-bandwidth>....</connection-bandwidth>
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<connection-protection>
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</connection-protection>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<connection>

Usage

```
<vpls-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
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          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
```

```

</last-change>
<up-transitions>
  up-transitions
</up-transitions>
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<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>

```

</vpls-connection-information>

Description

<connection>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-id>
            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change
          </last-change>
          <up-transitions>
            up-transitions
          </up-transitions>
          <local-interface>....</local-interface>
          <remote-interface>....</remote-interface>
          <remote-pe>
            remote-pe
          </remote-pe>
          <control-word>
            control-word
          </control-word>
          <control-word-type>
            control-word-type
          </control-word-type>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <inbound-label>
            inbound-label
          </inbound-label>
          <outbound-label>
            outbound-label
          </outbound-label>
          <connection-bandwidth>....</connection-bandwidth>
        <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

        <connection-protection>
          connection-protection
        </connection-protection>
        <history>....</history>
        <l2vpn-local-site-id>
```



```

    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<connection>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-id>
              connection-id
            </connection-id>
            <connection-type>
              connection-type
            </connection-type>
            <connection-status>
              connection-status
            </connection-status>
            <last-change>
              last-change
            </last-change>
            <up-transitions>
              up-transitions
            </up-transitions>
            <local-interface>....</local-interface>
            <remote-interface>....</remote-interface>
            <remote-pe>

```

```
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<connection>

Usage

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
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        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
        <connection-bandwidth>....</connection-bandwidth>
      </connection>
    </reference-site>
  </instance>
</vpls-statistics-information>....</vpls-statistics-information>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>

```

```
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</instance>
</vpls-statistics-information>
```

Description

<connection>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
```

```

</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

```

```

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
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  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

```

```

</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-statistics-information>

```

Description

<connection>

Usage

```

<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-id>
        connection-id

```

```
</connection-id>
<connection-type>
  connection-type
</connection-type>
<connection-status>
  connection-status
</connection-status>
<last-change>
  last-change
</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
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</connection-protection>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
```

```

        mesh-group-name
      </mesh-group-name>
      <egress-protection-protector>....</egress-protection-protector>
      <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<connection>

Usage

```

<vpls-statistics-information>
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  <ldp-vpls-reference-site>
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          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
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        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

```

    <connection-bandwidth>....</connection-bandwidth>
  </vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

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  </connection-protection>
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  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
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    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<connection>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
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            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change

```



```

</last-change>
<up-transitions>
  up-transitions
</up-transitions>
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<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
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</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

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</connection-protection>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>

```

</vpls-statistics-information>

Description

<connection>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-id>
            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change
          </last-change>
          <up-transitions>
            up-transitions
          </up-transitions>
          <local-interface>....</local-interface>
          <remote-interface>....</remote-interface>
          <remote-pe>
            remote-pe
          </remote-pe>
          <control-word>
            control-word
          </control-word>
          <control-word-type>
            control-word-type
          </control-word-type>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <inbound-label>
            inbound-label
          </inbound-label>
          <outbound-label>
            outbound-label
          </outbound-label>
          <connection-bandwidth>....</connection-bandwidth>
        <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

        <connection-protection>
          connection-protection
        </connection-protection>
        <history>....</history>
        <l2vpn-local-site-id>
```

```

    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description

<connection>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
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              connection-id
            </connection-id>
            <connection-type>
              connection-type
            </connection-type>
            <connection-status>
              connection-status
            </connection-status>
            <last-change>
              last-change
            </last-change>
            <up-transitions>
              up-transitions
            </up-transitions>
            <local-interface>....</local-interface>
            <remote-interface>....</remote-interface>
            <remote-pe>

```

```
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
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  </connection-protection>
  <history>....</history>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
        <connection-bandwidth>....</connection-bandwidth>
      </connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

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  connection-protection
</connection-protection>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>

```

```
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<connection>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
```

```

</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

```

```

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

```

```

</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-id>
        connection-id

```

```
</connection-id>
<connection-type>
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</connection-type>
<connection-status>
  connection-status
</connection-status>
<last-change>
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</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
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<control-word-type>
  control-word-type
</control-word-type>
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<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
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</connection-protection>
<history>....</history>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
```



```

        mesh-group-name
      </mesh-group-name>
      <egress-protection-protector>....</egress-protection-protector>
      <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```

    <connection-bandwidth>....</connection-bandwidth>
  </vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
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          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change

```

```

</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
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  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>

```

```
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<connection>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
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        </last-change>
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        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
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      </connection-protection>
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```

```

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  <l2vpn-remote-site-id>
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  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
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    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connection>

Usage

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<vpls-ldp-dynamic-interface-repository-entity>
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    <vpls-protocol-state>
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            </connection-type>
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              connection-status
            </connection-status>
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              last-change
            </last-change>
            <up-transitions>
              up-transitions
            </up-transitions>
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            <remote-interface>....</remote-interface>
            <remote-pe>

```

```
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  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
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  </connection-protection>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
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    remote-pw-status-code
  </remote-pw-status-code>
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  </mesh-group-name>
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  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
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</reference-site>
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</instance>
</vpls-ldp-dynamic-interface-repository-entity>
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Description

<connection>

Usage

```

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      <reference-site>
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            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>
          <last-change>
            last-change
          </last-change>
          <up-transitions>
            up-transitions
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          <remote-interface>....</remote-interface>
          <remote-pe>
            remote-pe
          </remote-pe>
          <control-word>
            control-word
          </control-word>
          <control-word-type>
            control-word-type
          </control-word-type>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <inbound-label>
            inbound-label
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          <outbound-label>
            outbound-label
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        </connection>
      </instance>
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  </vpls-dynamic-interface-repository-information>

  <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

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  </connection-protection>
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  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>

```

```
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<pw-status-tlv>
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</pw-status-tlv>
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  local-pw-status-code
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  remote-pw-status-code
</remote-pw-status-code>
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</mesh-group-name>
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<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
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</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connection>

Usage

```
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  <reference-site>
    <mesh-group-connection>
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          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
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        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
```



```

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      control-word-type
    </control-word-type>
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      interface-encapsulation
    </interface-encapsulation>
    <inbound-label>
      inbound-label
    </inbound-label>
    <outbound-label>
      outbound-label
    </outbound-label>
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  </connection-protection>
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  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
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    mesh-group-name
  </mesh-group-name>
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  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
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</reference-site>
</instance>
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</vpls-dynamic-interface-repository-information>

```

Description**<connection>****Usage**

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>

```

```
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        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
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      <remote-interface>....</remote-interface>
      <remote-pe>
        remote-pe
      </remote-pe>
      <control-word>
        control-word
      </control-word>
      <control-word-type>
        control-word-type
      </control-word-type>
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        interface-encapsulation
      </interface-encapsulation>
      <inbound-label>
        inbound-label
      </inbound-label>
      <outbound-label>
        outbound-label
      </outbound-label>
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  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
</instance>
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        </mesh-group-name>
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        <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

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</instance>
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</vpls-dynamic-interface-repository-information>

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Description

<connection>

Usage

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                <connection-type>
                    connection-type
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                <connection-status>
                    connection-status
                </connection-status>
                <last-change>
                    last-change
                </last-change>
                <up-transitions>
                    up-transitions
                </up-transitions>
                <local-interface>....</local-interface>
                <remote-interface>....</remote-interface>
                <remote-pe>
                    remote-pe
                </remote-pe>
                <control-word>
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                <control-word-type>
                    control-word-type
                </control-word-type>
                <interface-encapsulation>
                    interface-encapsulation
            </connection>
        </mesh-group-connection>
    </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
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</outbound-label>
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  </connection-protection>
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  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
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    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

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</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connection>

Usage

```
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            connection-id
```

```

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</last-change>
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<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
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</control-word>
<control-word-type>
  control-word-type
</control-word-type>
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  interface-encapsulation
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<outbound-label>
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</outbound-label>
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<vppls-rsvp-te-p2mp-lsp-information>....</vppls-rsvp-te-p2mp-lsp-information>
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  </connection-protection>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>

```

```
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      <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

    </connection>
  </mesh-group-connection>
</vpls-protocol-state>
</instance>
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</vpls-dynamic-interface-repository-information>
```

Description

<connection>

Usage

```
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<vpls-ldp-dynamic-interface-repository-entity>
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  <vpls-protocol-state>
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        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
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        </last-change>
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        </up-transitions>
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        <remote-interface>....</remote-interface>
        <remote-pe>
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        </remote-pe>
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        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
```

```

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    </outbound-label>
    <connection-bandwidth>....</connection-bandwidth>

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  </connection-protection>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
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    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
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    mesh-group-name
  </mesh-group-name>
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  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<connection>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
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              <connection-type>
                connection-type

```

```
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</connection-status>
<last-change>
  last-change
</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
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</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
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  </connection-protection>
  <history>....</history>
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    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
```



```

<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
  </connection>
  </mesh-group-connection>
  </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<connection>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>
    <connection>
      <connection-id>
        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
      <local-interface>....</local-interface>
      <remote-interface>....</remote-interface>
      <remote-pe>
        remote-pe
      </remote-pe>
      <control-word>
        control-word
      </control-word>
      <control-word-type>
        control-word-type
      </control-word-type>
      <interface-encapsulation>
        interface-encapsulation
      </interface-encapsulation>
      <inbound-label>
        inbound-label
      </inbound-label>
      <outbound-label>
        outbound-label
      </outbound-label>
      <connection-bandwidth>....</connection-bandwidth>
    </vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
  </l2circuit-neighbor>
</l2circuit-connection-information>

```

```

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>

```

Description

<connection>

Usage

```

<mvpn-instance-information>
<instance>
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    <connection>
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        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
      <local-interface>....</local-interface>
      <remote-interface>....</remote-interface>
    </connection>
  </reference-site>
</instance>
</mvpn-instance-information>

```

```

<remote-pe>
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</remote-pe>
<control-word>
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</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
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<inbound-label>
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</inbound-label>
<outbound-label>
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</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
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  connection-protection
</connection-protection>
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</l2vpn-local-site-id>
<l2vpn-remote-site-id>
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</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<connection>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
          outbound-label
        </outbound-label>
        <connection-bandwidth>....</connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</mvpn-instance-information>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
</vpls-rsvp-te-p2mp-lsp-information>
```

```

    </l2vpn-remote-site-id>
    <pw-status-tlv>
      pw-status-tlv
    </pw-status-tlv>
    <local-pw-status-code>
      local-pw-status-code
    </local-pw-status-code>
    <remote-pw-status-code>
      remote-pw-status-code
    </remote-pw-status-code>
    <mesh-group-name>
      mesh-group-name
    </mesh-group-name>
    <egress-protection-protector>....</egress-protection-protector>
    <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
</mesh-group-connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<connection>

Usage

```

<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-id>
        connection-id
      </connection-id>
      <connection-type>
        connection-type
      </connection-type>
      <connection-status>
        connection-status
      </connection-status>
      <last-change>
        last-change
      </last-change>
      <up-transitions>
        up-transitions
      </up-transitions>
      <local-interface>....</local-interface>
      <remote-interface>....</remote-interface>
      <remote-pe>
        remote-pe
      </remote-pe>
      <control-word>
        control-word
      </control-word>
      <control-word-type>

```

```

        control-word-type
      </control-word-type>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <inbound-label>
      inbound-label
    </inbound-label>
    <outbound-label>
      outbound-label
    </outbound-label>
    <connection-bandwidth>....</connection-bandwidth>
  <vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

  <connection-protection>
    connection-protection
  </connection-protection>
  <history>....</history>
  <l2vpn-local-site-id>
    l2vpn-local-site-id
  </l2vpn-local-site-id>
  <l2vpn-remote-site-id>
    l2vpn-remote-site-id
  </l2vpn-remote-site-id>
  <pw-status-tlv>
    pw-status-tlv
  </pw-status-tlv>
  <local-pw-status-code>
    local-pw-status-code
  </local-pw-status-code>
  <remote-pw-status-code>
    remote-pw-status-code
  </remote-pw-status-code>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <egress-protection-protector>....</egress-protection-protector>
  <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description

<connection>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <connection-id>

```

```

    connection-id
  </connection-id>
  <connection-type>
    connection-type
  </connection-type>
  <connection-status>
    connection-status
  </connection-status>
  <last-change>
    last-change
  </last-change>
  <up-transitions>
    up-transitions
  </up-transitions>
  <local-interface>....</local-interface>
  <remote-interface>....</remote-interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <control-word>
    control-word
  </control-word>
  <control-word-type>
    control-word-type
  </control-word-type>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <inbound-label>
    inbound-label
  </inbound-label>
  <outbound-label>
    outbound-label
  </outbound-label>
  <connection-bandwidth>....</connection-bandwidth>
</vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>

```

```
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<connection>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <connection-id>
          connection-id
        </connection-id>
        <connection-type>
          connection-type
        </connection-type>
        <connection-status>
          connection-status
        </connection-status>
        <last-change>
          last-change
        </last-change>
        <up-transitions>
          up-transitions
        </up-transitions>
        <local-interface>....</local-interface>
        <remote-interface>....</remote-interface>
        <remote-pe>
          remote-pe
        </remote-pe>
        <control-word>
          control-word
        </control-word>
        <control-word-type>
          control-word-type
        </control-word-type>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <inbound-label>
          inbound-label
        </inbound-label>
        <outbound-label>
```



```

        outbound-label
      </outbound-label>
      <connection-bandwidth>....</connection-bandwidth>
    </vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

    <connection-protection>
      connection-protection
    </connection-protection>
    <history>....</history>
    <l2vpn-local-site-id>
      l2vpn-local-site-id
    </l2vpn-local-site-id>
    <l2vpn-remote-site-id>
      l2vpn-remote-site-id
    </l2vpn-remote-site-id>
    <pw-status-tlv>
      pw-status-tlv
    </pw-status-tlv>
    <local-pw-status-code>
      local-pw-status-code
    </local-pw-status-code>
    <remote-pw-status-code>
      remote-pw-status-code
    </remote-pw-status-code>
    <mesh-group-name>
      mesh-group-name
    </mesh-group-name>
    <egress-protection-protector>....</egress-protection-protector>
    <egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

  </connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<connection>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-id>
            connection-id
          </connection-id>
          <connection-type>
            connection-type
          </connection-type>
          <connection-status>
            connection-status
          </connection-status>

```

```
<last-change>
  last-change
</last-change>
<up-transitions>
  up-transitions
</up-transitions>
<local-interface>....</local-interface>
<remote-interface>....</remote-interface>
<remote-pe>
  remote-pe
</remote-pe>
<control-word>
  control-word
</control-word>
<control-word-type>
  control-word-type
</control-word-type>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<inbound-label>
  inbound-label
</inbound-label>
<outbound-label>
  outbound-label
</outbound-label>
<connection-bandwidth>....</connection-bandwidth>
<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>

<connection-protection>
  connection-protection
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</reference-site>
```

```

    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description

<connection>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-id>
              connection-id
            </connection-id>
            <connection-type>
              connection-type
            </connection-type>
            <connection-status>
              connection-status
            </connection-status>
            <last-change>
              last-change
            </last-change>
            <up-transitions>
              up-transitions
            </up-transitions>
            <local-interface>....</local-interface>
            <remote-interface>....</remote-interface>
            <remote-pe>
              remote-pe
            </remote-pe>
            <control-word>
              control-word
            </control-word>
            <control-word-type>
              control-word-type
            </control-word-type>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <inbound-label>
              inbound-label
            </inbound-label>
            <outbound-label>
              outbound-label
            </outbound-label>
            <connection-bandwidth>....</connection-bandwidth>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

<vpls-rsvp-te-p2mp-lsp-information>....</vpls-rsvp-te-p2mp-lsp-information>
  <connection-protection>
    connection-protection
  </connection-protection>
</vpls-rsvp-te-p2mp-lsp-information>

```

```
</connection-protection>
<history>....</history>
<l2vpn-local-site-id>
  l2vpn-local-site-id
</l2vpn-local-site-id>
<l2vpn-remote-site-id>
  l2vpn-remote-site-id
</l2vpn-remote-site-id>
<pw-status-tlv>
  pw-status-tlv
</pw-status-tlv>
<local-pw-status-code>
  local-pw-status-code
</local-pw-status-code>
<remote-pw-status-code>
  remote-pw-status-code
</remote-pw-status-code>
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<egress-protection-protector>....</egress-protection-protector>
<egress-protection-protected-l2ckt>....</egress-protection-protected-l2ckt>

</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<connection-bandwidth>

Usage

```
<connection-bandwidth>
  <bandwidth>
    bandwidth
  </bandwidth>
  <class-type>
    class-type
  </class-type>
  <class-bandwidth>
    class-bandwidth
  </class-bandwidth>
</connection-bandwidth>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<route-information>
  <route-table>
```

```
<rt>
  <rt-entry>
    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </rt-entry>
</rt>
</route-table>
</route-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<route-summary-information>
<route-table>
  <rt>
    <rt-entry>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </rt-entry>
  </rt>
</route-table>
</route-summary-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <layer2-connection>
```

```
<connection-bandwidth>
  <bandwidth>
    bandwidth
  </bandwidth>
  <class-type>
    class-type
  </class-type>
  <class-bandwidth>
    class-bandwidth
  </class-bandwidth>
</connection-bandwidth>
</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <layer2-connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </layer2-connection>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <layer2-connection>
```

```

    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mpls-lsp-path>
  <layer2-connection>
    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </layer2-connection>
</mpls-lsp-path>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mpls-lsp>
  <mpls-lsp-path>
    <layer2-connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type

```

```
</class-type>
<class-bandwidth>
  class-bandwidth
</class-bandwidth>
</connection-bandwidth>
</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mpls-lsp-information>
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
  <mpls-lsp-path>
    <layer2-connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </layer2-connection>
  </mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mpls-call-admission-control-information>
<mpls-call-admission-control>
<mpls-lsp>
  <mpls-lsp-path>
    <layer2-connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
```



```

        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<connection>
  <connection-bandwidth>
    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mesh-group-connection>
  <connection>
    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </connection>
</mesh-group-connection>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </reference-site>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </ldp-vpls-reference-site>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
```

```
<vpls-protocol-state>
  <mesh-group-connection>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </mesh-group-connection>
</vpls-protocol-state>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
```

```

<connection>
  <connection-bandwidth>
    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<l2vpn-connection-information>
<instance>
  <reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </reference-site>
</instance>
</l2vpn-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<l2vpn-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>

```

```
<connection-bandwidth>
  <bandwidth>
    bandwidth
  </bandwidth>
  <class-type>
    class-type
  </class-type>
  <class-bandwidth>
    class-bandwidth
  </class-bandwidth>
</connection-bandwidth>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
```

```

    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>

```

```
<connection-bandwidth>
  <bandwidth>
    bandwidth
  </bandwidth>
  <class-type>
    class-type
  </class-type>
  <class-bandwidth>
    class-bandwidth
  </class-bandwidth>
</connection-bandwidth>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-bandwidth>
              <bandwidth>
                bandwidth
              </bandwidth>
              <class-type>
                class-type
              </class-type>
              <class-bandwidth>
                class-bandwidth
              </class-bandwidth>
            </connection-bandwidth>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-connection-information>
  <instance>
```



```

<reference-site>
  <connection>
    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </connection>
</reference-site>
</instance>
</vpls-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>

```

```
<connection>
  <connection-bandwidth>
    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
```

```

<connection>
  <connection-bandwidth>
    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>

```

```
<reference-site>
  <mesh-group-connection>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </reference-site>
  </instance>
</vpls-statistics-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-statistics-information>
  <instance>
```

```

<reference-site>
  <mesh-group-connection>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </mesh-group-connection>
</reference-site>
</instance>
</vpls-statistics-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>

```

```
<mesh-group-connection>
  <connection>
    <connection-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-statistics-information>
  <instance>
```

```

<vpls-protocol-state>
  <reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-bandwidth>
              <bandwidth>
                bandwidth
              </bandwidth>
              <class-type>
                class-type
              </class-type>
              <class-bandwidth>
                class-bandwidth
              </class-bandwidth>
            </connection-bandwidth>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </connection-bandwidth>
    </connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>**Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>**Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-bandwidth>
              <bandwidth>
                bandwidth
              </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

</vpls-dynamic-interface-repository-information>

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
```

```

        </ldp-vpls-reference-site>
    </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>

```

```
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </connection-bandwidth>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-bandwidth>
              <bandwidth>
```

```

        bandwidth
      </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </connection-bandwidth>
  </connection>
</l2circuit-neighbor>
</l2circuit-connection-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mvpn-instance-information>
  <instance>
    <reference-site>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>

```

```
<class-type>
  class-type
</class-type>
<class-bandwidth>
  class-bandwidth
</class-bandwidth>
</connection-bandwidth>
</connection>
</reference-site>
</instance>
</mvpn-instance-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <connection-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <connection-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
```



```

        class-type
      </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
          <class-type>

```

```
        class-type
      </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <connection-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </connection-bandwidth>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description Bandwidth of a layer 2 connection

<connection-bandwidth>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <connection-bandwidth>
              <bandwidth>
                bandwidth
              </bandwidth>
            </connection-bandwidth>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>
```

```

    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </connection-bandwidth>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description Bandwidth of a layer 2 connection

<connections-summary>

Usage

```

<connections-summary>
  <vc-up-count>
    vc-up-count
  </vc-up-count>
  <vc-down-count>
    vc-down-count
  </vc-down-count>
</connections-summary>

```

Description

<connections-summary>

Usage

```

<mesh-group-connection>
  <connections-summary>
    <vc-up-count>
      vc-up-count
    </vc-up-count>
    <vc-down-count>
      vc-down-count
    </vc-down-count>
  </connections-summary>
</mesh-group-connection>

```

Description

<connections-summary>

Usage

```

<instance>
  <reference-site>
    <mesh-group-connection>

```

```
<connections-summary>
  <vc-up-count>
    vc-up-count
  </vc-up-count>
  <vc-down-count>
    vc-down-count
  </vc-down-count>
</connections-summary>
</mesh-group-connection>
</reference-site>
</instance>
```

Description

<connections-summary>

Usage

```
<instance>
  <reference-site>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </reference-site>
</instance>
```

Description

<connections-summary>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
```

Description

<connections-summary>**Usage**

```

<instance>
  <ldp-vpls-reference-site>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </ldp-vpls-reference-site>
</instance>

```

Description**<connections-summary>****Usage**

```

<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>

```

Description**<connections-summary>****Usage**

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>

```

```
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<connections-summary>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

Description

<connections-summary>

Usage

```
<l2vpn-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </reference-site>
  </instance>
</l2vpn-connection-information>
```

Description

<connections-summary>

Usage

```
<l2vpn-connection-information>
  <instance>
    <reference-site>
```

```

    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<connections-summary>

Usage

```

<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>

```

Description

<connections-summary>

Usage

```

<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>

```

Description**<connections-summary>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description**<connections-summary>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connections-summary>
            <vc-up-count>
              vc-up-count
            </vc-up-count>
            <vc-down-count>
              vc-down-count
            </vc-down-count>
          </connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description**<connections-summary>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
```



```

<connections-summary>
  <vc-up-count>
    vc-up-count
  </vc-up-count>
  <vc-down-count>
    vc-down-count
  </vc-down-count>
</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<connections-summary>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<connections-summary>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </reference-site>
  </instance>

```

```
</vpls-connection-information>
```

Description

<connections-summary>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description

<connections-summary>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description

<connections-summary>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connections-summary>
```

```

    <vc-up-count>
      vc-up-count
    </vc-up-count>
    <vc-down-count>
      vc-down-count
    </vc-down-count>
  </connections-summary>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<connections-summary>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connections-summary>
            <vc-up-count>
              vc-up-count
            </vc-up-count>
            <vc-down-count>
              vc-down-count
            </vc-down-count>
          </connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description

<connections-summary>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

```
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<connections-summary>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-statistics-information>
```

Description

<connections-summary>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </reference-site>
</instance>
</vpls-statistics-information>
```

Description

<connections-summary>

Usage

```
<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
```

```

<mesh-group-connection>
  <connections-summary>
    <vc-up-count>
      vc-up-count
    </vc-up-count>
    <vc-down-count>
      vc-down-count
    </vc-down-count>
  </connections-summary>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<connections-summary>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<connections-summary>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>

```

</vpls-statistics-information>

Description

<connections-summary>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connections-summary>
            <vc-up-count>
              vc-up-count
            </vc-up-count>
            <vc-down-count>
              vc-down-count
            </vc-down-count>
          </connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description

<connections-summary>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description

<connections-summary>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
```

```

<instance>
  <reference-site>
    <mesh-group-connection>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connections-summary>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connections-summary>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<connections-summary>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<connections-summary>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<connections-summary>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
```



```

<reference-site>
  <mesh-group-connection>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connections-summary>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<connections-summary>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <mesh-group-connection>
          <connections-summary>
            <vc-up-count>
              vc-up-count
            </vc-up-count>
            <vc-down-count>
              vc-down-count
            </vc-down-count>
          </connections-summary>
        </mesh-group-connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
</vc-down-count>
</connections-summary>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connections-summary>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<reference-site>
<connections-summary>
<vc-up-count>
  vc-up-count
</vc-up-count>
<vc-down-count>
  vc-down-count
</vc-down-count>
</connections-summary>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connections-summary>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<ldp-vpls-reference-site>
<mesh-group-connection>
<connections-summary>
<vc-up-count>
  vc-up-count
</vc-up-count>
<vc-down-count>
  vc-down-count
</vc-down-count>
</connections-summary>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connections-summary>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <ldp-vpls-reference-site>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </ldp-vpls-reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<connections-summary>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <mesh-group-connection>
          <connections-summary>
            <vc-up-count>
              vc-up-count
            </vc-up-count>
            <vc-down-count>
              vc-down-count
            </vc-down-count>
          </connections-summary>
        </mesh-group-connection>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<connections-summary>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>

```

```
<reference-site>
  <mesh-group-connection>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connections-summary>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<connections-summary>

Usage

```
<l2circuit-connection-information>
<l2circuit-neighbor>
  <connections-summary>
    <vc-up-count>
      vc-up-count
    </vc-up-count>
    <vc-down-count>
      vc-down-count
    </vc-down-count>
```

```
</vc-down-count>
</connections-summary>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description

<connections-summary>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<connections-summary>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<connections-summary>

Usage

```
<mvpn-instance-information>
<instance>
```

```
<ldp-vpls-reference-site>
  <mesh-group-connection>
    <connections-summary>
      <vc-up-count>
        vc-up-count
      </vc-up-count>
      <vc-down-count>
        vc-down-count
      </vc-down-count>
    </connections-summary>
  </mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<connections-summary>

Usage

```
<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <connections-summary>
        <vc-up-count>
          vc-up-count
        </vc-up-count>
        <vc-down-count>
          vc-down-count
        </vc-down-count>
      </connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>
```

Description

<connections-summary>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connections-summary>
          <vc-up-count>
            vc-up-count
          </vc-up-count>
          <vc-down-count>
            vc-down-count
          </vc-down-count>
        </connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
```

```

</instance>
</mvpn-instance-information>

```

Description

<connections-summary>

Usage

```

<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-connection>
<connections-summary>
<vc-up-count>
  vc-up-count
</vc-up-count>
<vc-down-count>
  vc-down-count
</vc-down-count>
</connections-summary>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<connections-summary>

Usage

```

<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
<connections-summary>
<vc-up-count>
  vc-up-count
</vc-up-count>
<vc-down-count>
  vc-down-count
</vc-down-count>
</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<cos-info>

Usage

```
<rsvp-interface>
  <cos-info>
    <queue-number>
      queue-number
    </queue-number>
    <tx-rate>
      tx-rate
    </tx-rate>
    <tx-rate-percent>
      tx-rate-percent
    </tx-rate-percent>
    <high-priority>
      high-priority
    </high-priority>
    <bw-exact>
      bw-exact
    </bw-exact>
  </cos-info>
</rsvp-interface>
```

Description

<cos-info>

Usage

```
<cos-info>
  <queue-number>
    queue-number
  </queue-number>
  <tx-rate>
    tx-rate
  </tx-rate>
  <tx-rate-percent>
    tx-rate-percent
  </tx-rate-percent>
  <high-priority>
    high-priority
  </high-priority>
  <bw-exact>
    bw-exact
  </bw-exact>
</cos-info>
```

Description

<cos-info>

Usage

```
<rsvp-interface-information>
  <rsvp-interface>
    <cos-info>
```



```

    <queue-number>
      queue-number
    </queue-number>
    <tx-rate>
      tx-rate
    </tx-rate>
    <tx-rate-percent>
      tx-rate-percent
    </tx-rate-percent>
    <high-priority>
      high-priority
    </high-priority>
    <bw-exact>
      bw-exact
    </bw-exact>
  </cos-info>
</rsvp-interface>
</rsvp-interface-information>

```

Description

<cspf-paths>

Usage

```

<mpls-cspf>
  <cspf-paths>
    <total-paths>
      total-paths
    </total-paths>
    <successful>
      successful
    </successful>
    <no-route>
      no-route
    </no-route>
    <sys-error>
      sys-error
    </sys-error>
    <cspfs>
      cspfs
    </cspfs>
  </cspf-paths>
</mpls-cspf>

```

Description CSPP path computations statistics

<cspf-paths>

Usage

```

<mpls-cspf-information>
  <mpls-cspf>
    <cspf-paths>
      <total-paths>
        total-paths
      
```

```
</total-paths>
<successful>
  successful
</successful>
<no-route>
  no-route
</no-route>
<sys-error>
  sys-error
</sys-error>
<cspfs>
  cspfs
</cspfs>
</cspf-paths>
</mpls-cspf>
</mpls-cspf-information>
```

Description CSPF path computations statistics

<cspf-queue>

Usage

```
<mpls-cspf>
<cspf-queue>
  <current>
    current
  </current>
  <maximum>
    maximum
  </maximum>
  <dequeued>
    dequeued
  </dequeued>
</cspf-queue>
</mpls-cspf>
```

Description CSPF queue statistics

<cspf-queue>

Usage

```
<mpls-cspf-information>
<mpls-cspf>
  <cspf-queue>
    <current>
      current
    </current>
    <maximum>
      maximum
    </maximum>
    <dequeued>
      dequeued
    </dequeued>
```

```

    </cspf-queue>
  </mpls-cspf>
</mpls-cspf-information>

```

Description CSPF queue statistics

<cspf-timing>

Usage

```

<mpls-cspf>
  <cspf-timing>
    <total-time>
      total-time
    </total-time>
    <cspf-time>
      cspf-time
    </cspf-time>
    <average-time>
      average-time
    </average-time>
    <rpd-time>
      rpd-time
    </rpd-time>
  </cspf-timing>
</mpls-cspf>

```

Description CSPF timing statistics

<cspf-timing>

Usage

```

<mpls-cspf-information>
  <mpls-cspf>
    <cspf-timing>
      <total-time>
        total-time
      </total-time>
      <cspf-time>
        cspf-time
      </cspf-time>
      <average-time>
        average-time
      </average-time>
      <rpd-time>
        rpd-time
      </rpd-time>
    </cspf-timing>
  </mpls-cspf>
</mpls-cspf-information>

```

Description CSPF timing statistics

<dense-event>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <dense-event>
        <dense-receive-prune>....</dense-receive-prune>
        <dense-send-prune>....</dense-send-prune>
        <dense-join>....</dense-join>
        <dense-graft>....</dense-graft>
      </dense-event>
    </join-group>
  </join-family>
</pim-join-information>
```

Description

<dense-graft>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <dense-event>
        <dense-graft>
          <pim-interface-name>
            pim-interface-name
          </pim-interface-name>
          <dense-timeout>
            dense-timeout
          </dense-timeout>
        </dense-graft>
      </dense-event>
    </join-group>
  </join-family>
</pim-join-information>
```

Description

<dense-join>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <dense-event>
        <dense-join>
          <pim-interface-name>
            pim-interface-name
          </pim-interface-name>
          <dense-timeout>
            dense-timeout
          </dense-timeout>
        </dense-join>
      </dense-event>
    </join-group>
  </join-family>
</pim-join-information>
```

```
</dense-join>
</dense-event>
</join-group>
</join-family>
</pim-join-information>
```

Description

<dense-receive-prune>

Usage

```
<pim-join-information>
<join-family>
<join-group>
<dense-event>
  <dense-receive-prune>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <dense-timeout>
      dense-timeout
    </dense-timeout>
  </dense-receive-prune>
</dense-event>
</join-group>
</join-family>
</pim-join-information>
```

Description

<dense-send-prune>

Usage

```
<pim-join-information>
<join-family>
<join-group>
<dense-event>
  <dense-send-prune>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <dense-timeout>
      dense-timeout
    </dense-timeout>
  </dense-send-prune>
</dense-event>
</join-group>
</join-family>
</pim-join-information>
```

Description

<destination-network>

Usage

```
<destination-network>
  <prefix>
    prefix
  </prefix>
  <destination-network-deleted>
    destination-network-deleted
  </destination-network-deleted>
  <dynamic-tunnel>....</dynamic-tunnel>
</destination-network>
```

Description

<destination-network>

Usage

```
<dynamic-tunnel-table>
  <destination-network>
    <prefix>
      prefix
    </prefix>
    <destination-network-deleted>
      destination-network-deleted
    </destination-network-deleted>
    <dynamic-tunnel>....</dynamic-tunnel>
  </destination-network>
</dynamic-tunnel-table>
```

Description

<destination-network>

Usage

```
<dynamic-tunnels-information>
  <dynamic-tunnel-table>
    <destination-network>
      <prefix>
        prefix
      </prefix>
      <destination-network-deleted>
        destination-network-deleted
      </destination-network-deleted>
      <dynamic-tunnel>....</dynamic-tunnel>
    </destination-network>
  </dynamic-tunnel-table>
</dynamic-tunnels-information>
```

Description

<detour>**Usage**

```

<rsvp-session-data>
  <rsvp-session>
    <detour>
      <lsp-state>
        lsp-state
      </lsp-state>
      <sender-tspec>
        sender-tspec
      </sender-tspec>
      <adspec>
        adspec
      </adspec>
      <path-mtu>
        path-mtu
      </path-mtu>
      <path-mtu-in-kernel>
        path-mtu-in-kernel
      </path-mtu-in-kernel>
      <packet-information>....</packet-information>
      <explicit-route>....</explicit-route>
      <record-route>....</record-route>
      <label-out>
        label-out
      </label-out>
      <lsp-diffserv-info>
        lsp-diffserv-info
      </lsp-diffserv-info>
      <ct-bw>
        ct-bw
      </ct-bw>
    </detour>
  </rsvp-session>
</rsvp-session-data>

```

Description Detour session

<detour>**Usage**

```

<rsvp-session>
  <detour>
    <lsp-state>
      lsp-state
    </lsp-state>
    <sender-tspec>
      sender-tspec
    </sender-tspec>
    <adspec>
      adspec
    </adspec>
    <path-mtu>

```

```
    path-mtu
  </path-mtu>
  <path-mtu-in-kernel>
    path-mtu-in-kernel
  </path-mtu-in-kernel>
  <packet-information>....</packet-information>
  <explicit-route>....</explicit-route>
  <record-route>....</record-route>
  <label-out>
    label-out
  </label-out>
  <lsp-diffserv-info>
    lsp-diffserv-info
  </lsp-diffserv-info>
  <ct-bw>
    ct-bw
  </ct-bw>
</detour>
</rsvp-session>
```

Description Detour session

<detour>

Usage

```
<detour>
  <lsp-state>
    lsp-state
  </lsp-state>
  <sender-tspec>
    sender-tspec
  </sender-tspec>
  <adspec>
    adspec
  </adspec>
  <path-mtu>
    path-mtu
  </path-mtu>
  <path-mtu-in-kernel>
    path-mtu-in-kernel
  </path-mtu-in-kernel>
  <packet-information>....</packet-information>
  <explicit-route>....</explicit-route>
  <record-route>....</record-route>
  <label-out>
    label-out
  </label-out>
  <lsp-diffserv-info>
    lsp-diffserv-info
  </lsp-diffserv-info>
  <ct-bw>
    ct-bw
  </ct-bw>
```


</detour>

Description Detour session

<detour>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <lsp-state>
          lsp-state
        </lsp-state>
        <sender-tspec>
          sender-tspec
        </sender-tspec>
        <adspec>
          adspec
        </adspec>
        <path-mtu>
          path-mtu
        </path-mtu>
        <path-mtu-in-kernel>
          path-mtu-in-kernel
        </path-mtu-in-kernel>
        <packet-information>....</packet-information>
        <explicit-route>....</explicit-route>
        <record-route>....</record-route>
        <label-out>
          label-out
        </label-out>
        <lsp-diffserv-info>
          lsp-diffserv-info
        </lsp-diffserv-info>
        <ct-bw>
          ct-bw
        </ct-bw>
      </detour>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Detour session

<detour>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <lsp-state>
```

```
    lsp-state
  </lsp-state>
  <sender-tspec>
    sender-tspec
  </sender-tspec>
  <adspec>
    adspec
  </adspec>
  <path-mtu>
    path-mtu
  </path-mtu>
  <path-mtu-in-kernel>
    path-mtu-in-kernel
  </path-mtu-in-kernel>
  <packet-information>....</packet-information>
  <explicit-route>....</explicit-route>
  <record-route>....</record-route>
  <label-out>
    label-out
  </label-out>
  <lsp-diffserv-info>
    lsp-diffserv-info
  </lsp-diffserv-info>
  <ct-bw>
    ct-bw
  </ct-bw>
</detour>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Detour session

<detour-bandwidth>

Usage

```
<rsvp-telink>
  <detour-bandwidth>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
    <interface-address>
      interface-address
    </interface-address>
  </detour-bandwidth>
</rsvp-telink>
```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>**Usage**

```

<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <detour-bandwidth>
        <bandwidth-priority>
          bandwidth-priority
        </bandwidth-priority>
        <total-reserved-bandwidth>
          total-reserved-bandwidth
        </total-reserved-bandwidth>
        <interface-address>
          interface-address
        </interface-address>
      </detour-bandwidth>
    </rsvp-telink>
  </rsvp-session>
</rsvp-session-data>

```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>**Usage**

```

<rsvp-session>
  <rsvp-telink>
    <detour-bandwidth>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
      <interface-address>
        interface-address
      </interface-address>
    </detour-bandwidth>
  </rsvp-telink>
</rsvp-session>

```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>**Usage**

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <detour-bandwidth>

```

```
<bandwidth-priority>
  bandwidth-priority
</bandwidth-priority>
<total-reserved-bandwidth>
  total-reserved-bandwidth
</total-reserved-bandwidth>
<interface-address>
  interface-address
</interface-address>
</detour-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>

Usage

```
<rsvp-interface>
<rsvp-telink>
  <detour-bandwidth>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
    <interface-address>
      interface-address
    </interface-address>
  </detour-bandwidth>
</rsvp-telink>
</rsvp-interface>
```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>

Usage

```
<rsvp-interface-information>
<rsvp-interface>
<rsvp-telink>
  <detour-bandwidth>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
    <interface-address>
      interface-address
  </detour-bandwidth>
</rsvp-telink>
</rsvp-interface>
```

```

        </interface-address>
      </detour-bandwidth>
    </rsvp-telink>
  </rsvp-interface>
</rsvp-interface-information>

```

Description Bandwidth reserved on detour at different priority levels

<detour-bandwidth>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <detour-bandwidth>
          <bandwidth-priority>
            bandwidth-priority
          </bandwidth-priority>
          <total-reserved-bandwidth>
            total-reserved-bandwidth
          </total-reserved-bandwidth>
          <interface-address>
            interface-address
          </interface-address>
        </detour-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description Bandwidth reserved on detour at different priority levels

<detour-branch>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <detour-branch>
      <source-address>
        source-address
      </source-address>
      <skip-address>
        skip-address
      </skip-address>
      <lsp-state>
        lsp-state
      </lsp-state>
      <sender-tspeg>
        sender-tspeg
      </sender-tspeg>
      <adspec>
        adspec

```

```
</adspec>
<path-mtu>
  path-mtu
</path-mtu>
<explicit-route>....</explicit-route>
<record-route>....</record-route>
<packet-information>....</packet-information>
<detour-branch-labels>....</detour-branch-labels>
</detour-branch>
</rsvp-session>
</rsvp-session-data>
```

Description Branch of some detour session

<detour-branch>

Usage

```
<rsvp-session>
<detour-branch>
  <source-address>
    source-address
  </source-address>
  <skip-address>
    skip-address
  </skip-address>
  <lsp-state>
    lsp-state
  </lsp-state>
  <sender-tspec>
    sender-tspec
  </sender-tspec>
  <adspec>
    adspec
  </adspec>
  <path-mtu>
    path-mtu
  </path-mtu>
  <explicit-route>....</explicit-route>
  <record-route>....</record-route>
  <packet-information>....</packet-information>
  <detour-branch-labels>....</detour-branch-labels>
</detour-branch>
</rsvp-session>
```

Description Branch of some detour session

<detour-branch>

Usage

```
<detour-branch>
  <source-address>
    source-address
  </source-address>
```

```

<skip-address>
  skip-address
</skip-address>
<lsp-state>
  lsp-state
</lsp-state>
<sender-tspec>
  sender-tspec
</sender-tspec>
<adspec>
  adspec
</adspec>
<path-mtu>
  path-mtu
</path-mtu>
<explicit-route>....</explicit-route>
<record-route>....</record-route>
<packet-information>....</packet-information>
<detour-branch-labels>....</detour-branch-labels>
</detour-branch>

```

Description Branch of some detour session

<detour-branch>

Usage

```

<rsvp-session-information>
<rsvp-session-data>
  <rsvp-session>
    <detour-branch>
      <source-address>
        source-address
      </source-address>
      <skip-address>
        skip-address
      </skip-address>
      <lsp-state>
        lsp-state
      </lsp-state>
      <sender-tspec>
        sender-tspec
      </sender-tspec>
      <adspec>
        adspec
      </adspec>
      <path-mtu>
        path-mtu
      </path-mtu>
      <explicit-route>....</explicit-route>
      <record-route>....</record-route>
      <packet-information>....</packet-information>
      <detour-branch-labels>....</detour-branch-labels>
    </detour-branch>
  </rsvp-session>

```

```
</rsvp-session-data>
</rsvp-session-information>
```

Description Branch of some detour session

<detour-branch>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <source-address>
          source-address
        </source-address>
        <skip-address>
          skip-address
        </skip-address>
        <lsp-state>
          lsp-state
        </lsp-state>
        <sender-tspec>
          sender-tspec
        </sender-tspec>
        <adspec>
          adspec
        </adspec>
        <path-mtu>
          path-mtu
        </path-mtu>
        <explicit-route>....</explicit-route>
        <record-route>....</record-route>
        <packet-information>....</packet-information>
        <detour-branch-labels>....</detour-branch-labels>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Branch of some detour session

<detour-branch-labels>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <detour-branch>
      <detour-branch-labels>
        <label-in>
          label-in
        </label-in>
        <label-out>
          label-out

```



```
    </label-out>
  </detour-branch-labels>
</detour-branch>
</rsvp-session>
</rsvp-session-data>
```

Description

<detour-branch-labels>

Usage

```
<rsvp-session>
  <detour-branch>
    <detour-branch-labels>
      <label-in>
        label-in
      </label-in>
      <label-out>
        label-out
      </label-out>
    </detour-branch-labels>
  </detour-branch>
</rsvp-session>
```

Description

<detour-branch-labels>

Usage

```
<detour-branch>
  <detour-branch-labels>
    <label-in>
      label-in
    </label-in>
    <label-out>
      label-out
    </label-out>
  </detour-branch-labels>
</detour-branch>
```

Description

<detour-branch-labels>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <detour-branch-labels>
          <label-in>
            label-in
          </label-in>
          <label-out>
```

```
        label-out
      </label-out>
    </detour-branch-labels>
  </detour-branch>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description

<detour-branch-labels>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <detour-branch-labels>
          <label-in>
            label-in
          </label-in>
          <label-out>
            label-out
          </label-out>
        </detour-branch-labels>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description

<downstream-assert-neighbor>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <sparse-downstream-interface>
        <downstream-assert-neighbor>
          <neighbor-address>
            neighbor-address
          </neighbor-address>
          <neighbor-assert-metric>
            neighbor-assert-metric
          </neighbor-assert-metric>
          <neighbor-assert-preference>
            neighbor-assert-preference
          </neighbor-assert-preference>
          <neighbor-assert-timeout>
            neighbor-assert-timeout
          </neighbor-assert-timeout>
        </downstream-assert-neighbor>
      </sparse-downstream-interface>
```

```

    </join-group>
  </join-family>
</pim-join-information>

```

Description Information about the neighbor that won the assert

<downstream-interface>

Usage

```

<pim-join-information>
  <join-family>
    <join-group>
      <downstream-interface>
        <pim-interface-name>
          pim-interface-name
        </pim-interface-name>
        <pruned-timeout>
          pruned-timeout
        </pruned-timeout>
        <pim-interface-state>
          pim-interface-state
        </pim-interface-state>
      </downstream-interface>
    </join-group>
  </join-family>
</pim-join-information>

```

Description

<downstream-neighbor>

Usage

```

<pim-join-information>
  <join-family>
    <join-group>
      <sparse-downstream-interface>
        <downstream-neighbor>
          <neighbor-address>
            neighbor-address
          </neighbor-address>
          <neighbor-state>
            neighbor-state
          </neighbor-state>
          <terse-sparse>
            terse-sparse
          </terse-sparse>
          <terse-rpt>
            terse-rpt
          </terse-rpt>
          <terse-wc>
            terse-wc
          </terse-wc>
          <neighbor-timeout>
            neighbor-timeout

```

```
    </neighbor-timeout>
  </downstream-neighbor>
</sparse-downstream-interface>
</join-group>
</join-family>
</pim-join-information>
```

Description

<dvmrp-capability-flags>

Usage

```
<dvmrp-interfaces-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-capability-flags>
      <dvmrp-neighbor-one-way>
        dvmrp-neighbor-one-way
      </dvmrp-neighbor-one-way>
      <dvmrp-neighbor-prune>
        dvmrp-neighbor-prune
      </dvmrp-neighbor-prune>
      <dvmrp-neighbor-generation-id>
        dvmrp-neighbor-generation-id
      </dvmrp-neighbor-generation-id>
      <dvmrp-neighbor-mtrace>
        dvmrp-neighbor-mtrace
      </dvmrp-neighbor-mtrace>
      <dvmrp-neighbor-leave>
        dvmrp-neighbor-leave
      </dvmrp-neighbor-leave>
      <dvmrp-neighbor-snmp>
        dvmrp-neighbor-snmp
      </dvmrp-neighbor-snmp>
      <dvmrp-neighbor-netmask>
        dvmrp-neighbor-netmask
      </dvmrp-neighbor-netmask>
    </dvmrp-capability-flags>
  </dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-interfaces-information>
```

Description

<dvmrp-capability-flags>

Usage

```
<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-capability-flags>
      <dvmrp-neighbor-one-way>
        dvmrp-neighbor-one-way
      </dvmrp-neighbor-one-way>
```

```

<dvmrp-neighbor-prune>
  dvmrp-neighbor-prune
</dvmrp-neighbor-prune>
<dvmrp-neighbor-generation-id>
  dvmrp-neighbor-generation-id
</dvmrp-neighbor-generation-id>
<dvmrp-neighbor-mtrace>
  dvmrp-neighbor-mtrace
</dvmrp-neighbor-mtrace>
<dvmrp-neighbor-leave>
  dvmrp-neighbor-leave
</dvmrp-neighbor-leave>
<dvmrp-neighbor-snmp>
  dvmrp-neighbor-snmp
</dvmrp-neighbor-snmp>
<dvmrp-neighbor-netmask>
  dvmrp-neighbor-netmask
</dvmrp-neighbor-netmask>
</dvmrp-capability-flags>
</dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-capability-flags>

Usage

```

<dvmrp-neighbors-information>
<dvmrp-instance>
<dvmrp-neighbor>
  <dvmrp-capability-flags>
    <dvmrp-neighbor-one-way>
      dvmrp-neighbor-one-way
    </dvmrp-neighbor-one-way>
    <dvmrp-neighbor-prune>
      dvmrp-neighbor-prune
    </dvmrp-neighbor-prune>
    <dvmrp-neighbor-generation-id>
      dvmrp-neighbor-generation-id
    </dvmrp-neighbor-generation-id>
    <dvmrp-neighbor-mtrace>
      dvmrp-neighbor-mtrace
    </dvmrp-neighbor-mtrace>
    <dvmrp-neighbor-leave>
      dvmrp-neighbor-leave
    </dvmrp-neighbor-leave>
    <dvmrp-neighbor-snmp>
      dvmrp-neighbor-snmp
    </dvmrp-neighbor-snmp>
    <dvmrp-neighbor-netmask>
      dvmrp-neighbor-netmask
    </dvmrp-neighbor-netmask>
  </dvmrp-capability-flags>
</dvmrp-neighbor>

```

```
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-capability-flags>

Usage

```
<dvmrp-prefix-information>
<dvmrp-instance>
<dvmrp-neighbor>
  <dvmrp-capability-flags>
    <dvmrp-neighbor-one-way>
      dvmrp-neighbor-one-way
    </dvmrp-neighbor-one-way>
    <dvmrp-neighbor-prune>
      dvmrp-neighbor-prune
    </dvmrp-neighbor-prune>
    <dvmrp-neighbor-generation-id>
      dvmrp-neighbor-generation-id
    </dvmrp-neighbor-generation-id>
    <dvmrp-neighbor-mtrace>
      dvmrp-neighbor-mtrace
    </dvmrp-neighbor-mtrace>
    <dvmrp-neighbor-leave>
      dvmrp-neighbor-leave
    </dvmrp-neighbor-leave>
    <dvmrp-neighbor-snmp>
      dvmrp-neighbor-snmp
    </dvmrp-neighbor-snmp>
    <dvmrp-neighbor-netmask>
      dvmrp-neighbor-netmask
    </dvmrp-neighbor-netmask>
  </dvmrp-capability-flags>
</dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-prefix-information>
```

Description

<dvmrp-capability-flags>

Usage

```
<dvmrp-prunes-information>
<dvmrp-instance>
<dvmrp-neighbor>
  <dvmrp-capability-flags>
    <dvmrp-neighbor-one-way>
      dvmrp-neighbor-one-way
    </dvmrp-neighbor-one-way>
    <dvmrp-neighbor-prune>
      dvmrp-neighbor-prune
    </dvmrp-neighbor-prune>
    <dvmrp-neighbor-generation-id>
```

```

        dvmrp-neighbor-generation-id
      </dvmrp-neighbor-generation-id>
      <dvmrp-neighbor-mtrace>
        dvmrp-neighbor-mtrace
      </dvmrp-neighbor-mtrace>
      <dvmrp-neighbor-leave>
        dvmrp-neighbor-leave
      </dvmrp-neighbor-leave>
      <dvmrp-neighbor-snmp>
        dvmrp-neighbor-snmp
      </dvmrp-neighbor-snmp>
      <dvmrp-neighbor-netmask>
        dvmrp-neighbor-netmask
      </dvmrp-neighbor-netmask>
    </dvmrp-capability-flags>
  </dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-prunes-information>

```

Description

<dvmrp-designated-querier-information>

Usage

```

<dvmrp-designated-querier-information>
</dvmrp-designated-querier-information>

```

Description

<dvmrp-graft>

Usage

```

<dvmrp-interfaces-information>
<dvmrp-instance>
  <dvmrp-graft>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <dvmrp-graft-expire-time>
      dvmrp-graft-expire-time
    </dvmrp-graft-expire-time>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
  </dvmrp-graft>
</dvmrp-instance>
</dvmrp-interfaces-information>

```

Description

<dvmrp-graft>

Usage

```
<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-graft>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <dvmrp-graft-expire-time>
      dvmrp-graft-expire-time
    </dvmrp-graft-expire-time>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
  </dvmrp-graft>
</dvmrp-instance>
</dvmrp-graft-queue-information>
```

Description

<dvmrp-graft>

Usage

```
<dvmrp-neighbors-information>
<dvmrp-instance>
  <dvmrp-graft>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <dvmrp-graft-expire-time>
      dvmrp-graft-expire-time
    </dvmrp-graft-expire-time>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
  </dvmrp-graft>
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-graft>

Usage

```
<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-graft>
```



```

    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <dvmrp-graft-expire-time>
      dvmrp-graft-expire-time
    </dvmrp-graft-expire-time>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
  </dvmrp-graft>
</dvmrp-instance>
</dvmrp-prefix-information>

```

Description

<dvmrp-graft>

Usage

```

<dvmrp-prunes-information>
  <dvmrp-instance>
    <dvmrp-graft>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <dvmrp-graft-expire-time>
        dvmrp-graft-expire-time
      </dvmrp-graft-expire-time>
      <dvmrp-neighbor-address>
        dvmrp-neighbor-address
      </dvmrp-neighbor-address>
    </dvmrp-graft>
  </dvmrp-instance>
</dvmrp-prunes-information>

```

Description

<dvmrp-graft-queue-information>

Usage

```

<dvmrp-graft-queue-information>
  <dvmrp-instance>....</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-group>

Usage

```
<dvmrp-interfaces-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <dvmrp-prunes-sent>
        dvmrp-prunes-sent
      </dvmrp-prunes-sent>
      <dvmrp-grafts-sent>
        dvmrp-grafts-sent
      </dvmrp-grafts-sent>
      <dvmrp-cache-lifetime>
        dvmrp-cache-lifetime
      </dvmrp-cache-lifetime>
      <dvmrp-prune-time>
        dvmrp-prune-time
      </dvmrp-prune-time>
      <dvmrp-prune-lifetime>
        dvmrp-prune-lifetime
      </dvmrp-prune-lifetime>
      <dvmrp-prune>....</dvmrp-prune>
    </dvmrp-group>
  </dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-interfaces-information>
```

Description

<dvmrp-group>

Usage

```
<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <dvmrp-prunes-sent>
        dvmrp-prunes-sent
      </dvmrp-prunes-sent>
      <dvmrp-grafts-sent>
        dvmrp-grafts-sent
      </dvmrp-grafts-sent>
      <dvmrp-cache-lifetime>
        dvmrp-cache-lifetime
      </dvmrp-cache-lifetime>
      <dvmrp-prune-time>
        dvmrp-prune-time
      </dvmrp-prune-time>
```

```

    <dvmrp-prune-lifetime>
      dvmrp-prune-lifetime
    </dvmrp-prune-lifetime>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-group>

Usage

```

<dvmrp-neighbors-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <mcast-group-address>
        mcast-group-address
      </mcast-group-address>
      <dvmrp-prunes-sent>
        dvmrp-prunes-sent
      </dvmrp-prunes-sent>
      <dvmrp-grafts-sent>
        dvmrp-grafts-sent
      </dvmrp-grafts-sent>
      <dvmrp-cache-lifetime>
        dvmrp-cache-lifetime
      </dvmrp-cache-lifetime>
      <dvmrp-prune-time>
        dvmrp-prune-time
      </dvmrp-prune-time>
      <dvmrp-prune-lifetime>
        dvmrp-prune-lifetime
      </dvmrp-prune-lifetime>
      <dvmrp-prune>....</dvmrp-prune>
    </dvmrp-group>
  </dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-neighbors-information>

```

Description

<dvmrp-group>

Usage

```

<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <mcast-group-address>
        mcast-group-address
      </mcast-group-address>

```

```
<dvmrp-prunes-sent>
  dvmrp-prunes-sent
</dvmrp-prunes-sent>
<dvmrp-grafts-sent>
  dvmrp-grafts-sent
</dvmrp-grafts-sent>
<dvmrp-cache-lifetime>
  dvmrp-cache-lifetime
</dvmrp-cache-lifetime>
<dvmrp-prune-time>
  dvmrp-prune-time
</dvmrp-prune-time>
<dvmrp-prune-lifetime>
  dvmrp-prune-lifetime
</dvmrp-prune-lifetime>
<dvmrp-prune>....</dvmrp-prune>
</dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-prefix-information>
```

Description

<dvmrp-group>

Usage

```
<dvmrp-prunes-information>
<dvmrp-instance>
<dvmrp-prefix-entry>
<dvmrp-group>
  <mcast-group-address>
    mcast-group-address
  </mcast-group-address>
  <dvmrp-prunes-sent>
    dvmrp-prunes-sent
  </dvmrp-prunes-sent>
  <dvmrp-grafts-sent>
    dvmrp-grafts-sent
  </dvmrp-grafts-sent>
  <dvmrp-cache-lifetime>
    dvmrp-cache-lifetime
  </dvmrp-cache-lifetime>
  <dvmrp-prune-time>
    dvmrp-prune-time
  </dvmrp-prune-time>
  <dvmrp-prune-lifetime>
    dvmrp-prune-lifetime
  </dvmrp-prune-lifetime>
  <dvmrp-prune>....</dvmrp-prune>
</dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-prunes-information>
```

Description

<dvmrp-instance>

Usage

```

<dvmrp-interfaces-information>
  <dvmrp-instance>
    <instance-name>
      instance-name
    </instance-name>
    <dvmrp-interface>....</dvmrp-interface>
    <dvmrp-graft>....</dvmrp-graft>
    <dvmrp-neighbor>....</dvmrp-neighbor>
    <dvmrp-prefix-entry>....</dvmrp-prefix-entry>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-instance>
</dvmrp-interfaces-information>

```

Description

<dvmrp-instance>

Usage

```

<dvmrp-graft-queue-information>
  <dvmrp-instance>
    <instance-name>
      instance-name
    </instance-name>
    <dvmrp-interface>....</dvmrp-interface>
    <dvmrp-graft>....</dvmrp-graft>
    <dvmrp-neighbor>....</dvmrp-neighbor>
    <dvmrp-prefix-entry>....</dvmrp-prefix-entry>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-instance>

Usage

```

<dvmrp-neighbors-information>
  <dvmrp-instance>
    <instance-name>
      instance-name
    </instance-name>
    <dvmrp-interface>....</dvmrp-interface>
    <dvmrp-graft>....</dvmrp-graft>
    <dvmrp-neighbor>....</dvmrp-neighbor>
    <dvmrp-prefix-entry>....</dvmrp-prefix-entry>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-instance>
</dvmrp-neighbors-information>

```

Description**<dvmrp-instance>****Usage**

```
<dvmrp-prefix-information>
  <dvmrp-instance>
    <instance-name>
      instance-name
    </instance-name>
    <dvmrp-interface>....</dvmrp-interface>
    <dvmrp-graft>....</dvmrp-graft>
    <dvmrp-neighbor>....</dvmrp-neighbor>
    <dvmrp-prefix-entry>....</dvmrp-prefix-entry>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-instance>
</dvmrp-prefix-information>
```

Description**<dvmrp-instance>****Usage**

```
<dvmrp-prunes-information>
  <dvmrp-instance>
    <instance-name>
      instance-name
    </instance-name>
    <dvmrp-interface>....</dvmrp-interface>
    <dvmrp-graft>....</dvmrp-graft>
    <dvmrp-neighbor>....</dvmrp-neighbor>
    <dvmrp-prefix-entry>....</dvmrp-prefix-entry>
    <dvmrp-prune>....</dvmrp-prune>
  </dvmrp-instance>
</dvmrp-prunes-information>
```

Description**<dvmrp-interface>****Usage**

```
<dvmrp-interfaces-information>
  <dvmrp-instance>
    <dvmrp-interface>
      <interface-name>
        interface-name
      </interface-name>
      <dvmrp-interface-state>
        dvmrp-interface-state
      </dvmrp-interface-state>
      <dvmrp-interface-leaf>
        dvmrp-interface-leaf
      </dvmrp-interface-leaf>
      <dvmrp-interface-metric>
        dvmrp-interface-metric
      </dvmrp-interface-metric>
    </dvmrp-interface>
  </dvmrp-instance>
</dvmrp-interfaces-information>
```

```

</dvmrp-interface-metric>
<dvmrp-interface-announcements>
  dvmrp-interface-announcements
</dvmrp-interface-announcements>
<dvmrp-interface-mode>
  dvmrp-interface-mode
</dvmrp-interface-mode>
<dvmrp-interface-holdtime>
  dvmrp-interface-holdtime
</dvmrp-interface-holdtime>
</dvmrp-interface>
</dvmrp-instance>
</dvmrp-interfaces-information>

```

Description

<dvmrp-interface>

Usage

```

<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-interface>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-interface-state>
      dvmrp-interface-state
    </dvmrp-interface-state>
    <dvmrp-interface-leaf>
      dvmrp-interface-leaf
    </dvmrp-interface-leaf>
    <dvmrp-interface-metric>
      dvmrp-interface-metric
    </dvmrp-interface-metric>
    <dvmrp-interface-announcements>
      dvmrp-interface-announcements
    </dvmrp-interface-announcements>
    <dvmrp-interface-mode>
      dvmrp-interface-mode
    </dvmrp-interface-mode>
    <dvmrp-interface-holdtime>
      dvmrp-interface-holdtime
    </dvmrp-interface-holdtime>
  </dvmrp-interface>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-interface>

Usage

```

<dvmrp-neighbors-information>
<dvmrp-instance>

```

```
<dvmrp-interface>
  <interface-name>
    interface-name
  </interface-name>
  <dvmrp-interface-state>
    dvmrp-interface-state
  </dvmrp-interface-state>
  <dvmrp-interface-leaf>
    dvmrp-interface-leaf
  </dvmrp-interface-leaf>
  <dvmrp-interface-metric>
    dvmrp-interface-metric
  </dvmrp-interface-metric>
  <dvmrp-interface-announcements>
    dvmrp-interface-announcements
  </dvmrp-interface-announcements>
  <dvmrp-interface-mode>
    dvmrp-interface-mode
  </dvmrp-interface-mode>
  <dvmrp-interface-holdtime>
    dvmrp-interface-holdtime
  </dvmrp-interface-holdtime>
</dvmrp-interface>
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-interface>

Usage

```
<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-interface>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-interface-state>
      dvmrp-interface-state
    </dvmrp-interface-state>
    <dvmrp-interface-leaf>
      dvmrp-interface-leaf
    </dvmrp-interface-leaf>
    <dvmrp-interface-metric>
      dvmrp-interface-metric
    </dvmrp-interface-metric>
    <dvmrp-interface-announcements>
      dvmrp-interface-announcements
    </dvmrp-interface-announcements>
    <dvmrp-interface-mode>
      dvmrp-interface-mode
    </dvmrp-interface-mode>
    <dvmrp-interface-holdtime>
      dvmrp-interface-holdtime
    </dvmrp-interface-holdtime>
```



```

    </dvmrp-interface>
  </dvmrp-instance>
</dvmrp-prefix-information>

```

Description

<dvmrp-interface>

Usage

```

<dvmrp-prunes-information>
  <dvmrp-instance>
    <dvmrp-interface>
      <interface-name>
        interface-name
      </interface-name>
      <dvmrp-interface-state>
        dvmrp-interface-state
      </dvmrp-interface-state>
      <dvmrp-interface-leaf>
        dvmrp-interface-leaf
      </dvmrp-interface-leaf>
      <dvmrp-interface-metric>
        dvmrp-interface-metric
      </dvmrp-interface-metric>
      <dvmrp-interface-announcements>
        dvmrp-interface-announcements
      </dvmrp-interface-announcements>
      <dvmrp-interface-mode>
        dvmrp-interface-mode
      </dvmrp-interface-mode>
      <dvmrp-interface-holdtime>
        dvmrp-interface-holdtime
      </dvmrp-interface-holdtime>
    </dvmrp-interface>
  </dvmrp-instance>
</dvmrp-prunes-information>

```

Description

<dvmrp-interfaces-information>

Usage

```

<dvmrp-interfaces-information>
  <dvmrp-instance>....</dvmrp-instance>
</dvmrp-interfaces-information>

```

Description

<dvmrp-neighbor>

Usage

```

<dvmrp-interfaces-information>
  <dvmrp-instance>
    <dvmrp-neighbor>

```

```
<dvmrp-neighbor-address>
  dvmrp-neighbor-address
</dvmrp-neighbor-address>
<interface-name>
  interface-name
</interface-name>
<dvmrp-major-version>
  dvmrp-major-version
</dvmrp-major-version>
<dvmrp-minor-version>
  dvmrp-minor-version
</dvmrp-minor-version>
<dvmrp-capability-flags>....</dvmrp-capability-flags>
<dvmrp-neighbor-routes>
  dvmrp-neighbor-routes
</dvmrp-neighbor-routes>
<dvmrp-neighbor-timeout>
  dvmrp-neighbor-timeout
</dvmrp-neighbor-timeout>
<dvmrp-neighbor-transitions>
  dvmrp-neighbor-transitions
</dvmrp-neighbor-transitions>
</dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-interfaces-information>
```

Description

<dvmrp-neighbor>

Usage

```
<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-major-version>
      dvmrp-major-version
    </dvmrp-major-version>
    <dvmrp-minor-version>
      dvmrp-minor-version
    </dvmrp-minor-version>
    <dvmrp-capability-flags>....</dvmrp-capability-flags>
    <dvmrp-neighbor-routes>
      dvmrp-neighbor-routes
    </dvmrp-neighbor-routes>
    <dvmrp-neighbor-timeout>
      dvmrp-neighbor-timeout
    </dvmrp-neighbor-timeout>
    <dvmrp-neighbor-transitions>
      dvmrp-neighbor-transitions
```

```

    </dvmrp-neighbor-transitions>
  </dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-neighbor>

Usage

```

<dvmrp-neighbors-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-major-version>
      dvmrp-major-version
    </dvmrp-major-version>
    <dvmrp-minor-version>
      dvmrp-minor-version
    </dvmrp-minor-version>
    <dvmrp-capability-flags>....</dvmrp-capability-flags>
    <dvmrp-neighbor-routes>
      dvmrp-neighbor-routes
    </dvmrp-neighbor-routes>
    <dvmrp-neighbor-timeout>
      dvmrp-neighbor-timeout
    </dvmrp-neighbor-timeout>
    <dvmrp-neighbor-transitions>
      dvmrp-neighbor-transitions
    </dvmrp-neighbor-transitions>
  </dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-neighbors-information>

```

Description

<dvmrp-neighbor>

Usage

```

<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-major-version>

```

```
    dvmrp-major-version
  </dvmrp-major-version>
  <dvmrp-minor-version>
    dvmrp-minor-version
  </dvmrp-minor-version>
  <dvmrp-capability-flags>....</dvmrp-capability-flags>
  <dvmrp-neighbor-routes>
    dvmrp-neighbor-routes
  </dvmrp-neighbor-routes>
  <dvmrp-neighbor-timeout>
    dvmrp-neighbor-timeout
  </dvmrp-neighbor-timeout>
  <dvmrp-neighbor-transitions>
    dvmrp-neighbor-transitions
  </dvmrp-neighbor-transitions>
</dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-prefix-information>
```

Description

<dvmrp-neighbor>

Usage

```
<dvmrp-prunes-information>
<dvmrp-instance>
  <dvmrp-neighbor>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <dvmrp-major-version>
      dvmrp-major-version
    </dvmrp-major-version>
    <dvmrp-minor-version>
      dvmrp-minor-version
    </dvmrp-minor-version>
    <dvmrp-capability-flags>....</dvmrp-capability-flags>
    <dvmrp-neighbor-routes>
      dvmrp-neighbor-routes
    </dvmrp-neighbor-routes>
    <dvmrp-neighbor-timeout>
      dvmrp-neighbor-timeout
    </dvmrp-neighbor-timeout>
    <dvmrp-neighbor-transitions>
      dvmrp-neighbor-transitions
    </dvmrp-neighbor-transitions>
  </dvmrp-neighbor>
</dvmrp-instance>
</dvmrp-prunes-information>
```

Description

<dvmrp-neighbors-information>**Usage**

```
<dvmrp-neighbors-information>
  <dvmrp-instance>....</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description**<dvmrp-prefix-entry>****Usage**

```
<dvmrp-interfaces-information>
  <dvmrp-instance>
    <dvmrp-prefix-entry>
      <dvmrp-prefix>
        dvmrp-prefix
      </dvmrp-prefix>
      <dvmrp-prefix-length>
        dvmrp-prefix-length
      </dvmrp-prefix-length>
      <dvmrp-next-hop>
        dvmrp-next-hop
      </dvmrp-next-hop>
      <dvmrp-prefix-age>
        dvmrp-prefix-age
      </dvmrp-prefix-age>
      <dvmrp-group>....</dvmrp-group>
    </dvmrp-prefix-entry>
  </dvmrp-instance>
</dvmrp-interfaces-information>
```

Description**<dvmrp-prefix-entry>****Usage**

```
<dvmrp-graft-queue-information>
  <dvmrp-instance>
    <dvmrp-prefix-entry>
      <dvmrp-prefix>
        dvmrp-prefix
      </dvmrp-prefix>
      <dvmrp-prefix-length>
        dvmrp-prefix-length
      </dvmrp-prefix-length>
      <dvmrp-next-hop>
        dvmrp-next-hop
      </dvmrp-next-hop>
      <dvmrp-prefix-age>
        dvmrp-prefix-age
      </dvmrp-prefix-age>
      <dvmrp-group>....</dvmrp-group>
    </dvmrp-prefix-entry>
```

```
</dvmrp-instance>
</dvmrp-graft-queue-information>
```

Description

<dvmrp-prefix-entry>

Usage

```
<dvmrp-neighbors-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-prefix>
      dvmrp-prefix
    </dvmrp-prefix>
    <dvmrp-prefix-length>
      dvmrp-prefix-length
    </dvmrp-prefix-length>
    <dvmrp-next-hop>
      dvmrp-next-hop
    </dvmrp-next-hop>
    <dvmrp-prefix-age>
      dvmrp-prefix-age
    </dvmrp-prefix-age>
    <dvmrp-group>....</dvmrp-group>
  </dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-prefix-entry>

Usage

```
<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-prefix>
      dvmrp-prefix
    </dvmrp-prefix>
    <dvmrp-prefix-length>
      dvmrp-prefix-length
    </dvmrp-prefix-length>
    <dvmrp-next-hop>
      dvmrp-next-hop
    </dvmrp-next-hop>
    <dvmrp-prefix-age>
      dvmrp-prefix-age
    </dvmrp-prefix-age>
    <dvmrp-group>....</dvmrp-group>
  </dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-prefix-information>
```

Description

<dvmrp-prefix-entry>

Usage

```

<dvmrp-prunes-information>
  <dvmrp-instance>
    <dvmrp-prefix-entry>
      <dvmrp-prefix>
        dvmrp-prefix
      </dvmrp-prefix>
      <dvmrp-prefix-length>
        dvmrp-prefix-length
      </dvmrp-prefix-length>
      <dvmrp-next-hop>
        dvmrp-next-hop
      </dvmrp-next-hop>
      <dvmrp-prefix-age>
        dvmrp-prefix-age
      </dvmrp-prefix-age>
      <dvmrp-group>....</dvmrp-group>
    </dvmrp-prefix-entry>
  </dvmrp-instance>
</dvmrp-prunes-information>

```

Description

<dvmrp-prefix-information>

Usage

```

<dvmrp-prefix-information>
  <dvmrp-instance>....</dvmrp-instance>
</dvmrp-prefix-information>

```

Description

<dvmrp-prune>

Usage

```

<dvmrp-interfaces-information>
  <dvmrp-instance>
    <dvmrp-prefix-entry>
      <dvmrp-group>
        <dvmrp-prune>
          <dvmrp-neighbor-address>
            dvmrp-neighbor-address
          </dvmrp-neighbor-address>
          <multicast-group-address>
            multicast-group-address
          </multicast-group-address>
          <multicast-source-address>
            multicast-source-address
          </multicast-source-address>
          <multicast-source-prefix-length>
            multicast-source-prefix-length

```

```
</multicast-source-prefix-length>
<dvmrp-prune-timeout>
  dvmrp-prune-timeout
</dvmrp-prune-timeout>
</dvmrp-prune>
</dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-interfaces-information>
```

Description

<dvmrp-prune>

Usage

```
<dvmrp-interfaces-information>
<dvmrp-instance>
  <dvmrp-prune>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <multicast-source-prefix-length>
      multicast-source-prefix-length
    </multicast-source-prefix-length>
    <dvmrp-prune-timeout>
      dvmrp-prune-timeout
    </dvmrp-prune-timeout>
  </dvmrp-prune>
</dvmrp-instance>
</dvmrp-interfaces-information>
```

Description

<dvmrp-prune>

Usage

```
<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <dvmrp-prune>
        <dvmrp-neighbor-address>
          dvmrp-neighbor-address
        </dvmrp-neighbor-address>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
        <multicast-source-address>
```



```

        multicast-source-address
      </multicast-source-address>
      <multicast-source-prefix-length>
        multicast-source-prefix-length
      </multicast-source-prefix-length>
      <dvmrp-prune-timeout>
        dvmrp-prune-timeout
      </dvmrp-prune-timeout>
    </dvmrp-prune>
  </dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-prune>

Usage

```

<dvmrp-graft-queue-information>
<dvmrp-instance>
  <dvmrp-prune>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <multicast-source-prefix-length>
      multicast-source-prefix-length
    </multicast-source-prefix-length>
    <dvmrp-prune-timeout>
      dvmrp-prune-timeout
    </dvmrp-prune-timeout>
  </dvmrp-prune>
</dvmrp-instance>
</dvmrp-graft-queue-information>

```

Description

<dvmrp-prune>

Usage

```

<dvmrp-neighbors-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <dvmrp-prune>
        <dvmrp-neighbor-address>
          dvmrp-neighbor-address
        </dvmrp-neighbor-address>

```

```
<multicast-group-address>
  multicast-group-address
</multicast-group-address>
<multicast-source-address>
  multicast-source-address
</multicast-source-address>
<multicast-source-prefix-length>
  multicast-source-prefix-length
</multicast-source-prefix-length>
<dvmrp-prune-timeout>
  dvmrp-prune-timeout
</dvmrp-prune-timeout>
</dvmrp-prune>
</dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-prune>

Usage

```
<dvmrp-neighbors-information>
<dvmrp-instance>
<dvmrp-prune>
  <dvmrp-neighbor-address>
    dvmrp-neighbor-address
  </dvmrp-neighbor-address>
  <multicast-group-address>
    multicast-group-address
  </multicast-group-address>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
  <multicast-source-prefix-length>
    multicast-source-prefix-length
  </multicast-source-prefix-length>
  <dvmrp-prune-timeout>
    dvmrp-prune-timeout
  </dvmrp-prune-timeout>
</dvmrp-prune>
</dvmrp-instance>
</dvmrp-neighbors-information>
```

Description

<dvmrp-prune>

Usage

```
<dvmrp-prefix-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
```

```

<dvmrp-prune>
  <dvmrp-neighbor-address>
    dvmrp-neighbor-address
  </dvmrp-neighbor-address>
  <multicast-group-address>
    multicast-group-address
  </multicast-group-address>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
  <multicast-source-prefix-length>
    multicast-source-prefix-length
  </multicast-source-prefix-length>
  <dvmrp-prune-timeout>
    dvmrp-prune-timeout
  </dvmrp-prune-timeout>
</dvmrp-prune>
</dvmrp-group>
</dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-prefix-information>

```

Description

<dvmrp-prune>

Usage

```

<dvmrp-prefix-information>
  <dvmrp-instance>
    <dvmrp-prune>
      <dvmrp-neighbor-address>
        dvmrp-neighbor-address
      </dvmrp-neighbor-address>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <multicast-source-prefix-length>
        multicast-source-prefix-length
      </multicast-source-prefix-length>
      <dvmrp-prune-timeout>
        dvmrp-prune-timeout
      </dvmrp-prune-timeout>
    </dvmrp-prune>
  </dvmrp-instance>
</dvmrp-prefix-information>

```

Description

<dvmrp-prune>

Usage

```
<dvmrp-prunes-information>
<dvmrp-instance>
  <dvmrp-prefix-entry>
    <dvmrp-group>
      <dvmrp-prune>
        <dvmrp-neighbor-address>
          dvmrp-neighbor-address
        </dvmrp-neighbor-address>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
        <multicast-source-prefix-length>
          multicast-source-prefix-length
        </multicast-source-prefix-length>
        <dvmrp-prune-timeout>
          dvmrp-prune-timeout
        </dvmrp-prune-timeout>
      </dvmrp-prune>
    </dvmrp-group>
  </dvmrp-prefix-entry>
</dvmrp-instance>
</dvmrp-prunes-information>
```

Description

<dvmrp-prune>

Usage

```
<dvmrp-prunes-information>
<dvmrp-instance>
  <dvmrp-prune>
    <dvmrp-neighbor-address>
      dvmrp-neighbor-address
    </dvmrp-neighbor-address>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <multicast-source-prefix-length>
      multicast-source-prefix-length
    </multicast-source-prefix-length>
    <dvmrp-prune-timeout>
      dvmrp-prune-timeout
    </dvmrp-prune-timeout>
  </dvmrp-prune>
</dvmrp-instance>
```

```
</dvmrp-prunes-information>
```

Description

<dvmrp-prunes-information>

Usage

```
<dvmrp-prunes-information>
  <dvmrp-instance>....</dvmrp-instance>
</dvmrp-prunes-information>
```

Description

<dynamic-tunnel>

Usage

```
<dynamic-tunnel>
  <tunnel-destination>
    tunnel-destination
  </tunnel-destination>
  <tunnel-state>
    tunnel-state
  </tunnel-state>
  <tunnel-expiry>
    tunnel-expiry
  </tunnel-expiry>
  <tunnel-reference-count>
    tunnel-reference-count
  </tunnel-reference-count>
  <tunnel-nexthop>....</tunnel-nexthop>
</dynamic-tunnel>
```

Description

<dynamic-tunnel>

Usage

```
<destination-network>
  <dynamic-tunnel>
    <tunnel-destination>
      tunnel-destination
    </tunnel-destination>
    <tunnel-state>
      tunnel-state
    </tunnel-state>
    <tunnel-expiry>
      tunnel-expiry
    </tunnel-expiry>
    <tunnel-reference-count>
      tunnel-reference-count
    </tunnel-reference-count>
    <tunnel-nexthop>....</tunnel-nexthop>
  </dynamic-tunnel>
```

```
</destination-network>
```

Description

<dynamic-tunnel>

Usage

```
<dynamic-tunnel-table>
<destination-network>
  <dynamic-tunnel>
    <tunnel-destination>
      tunnel-destination
    </tunnel-destination>
    <tunnel-state>
      tunnel-state
    </tunnel-state>
    <tunnel-expiry>
      tunnel-expiry
    </tunnel-expiry>
    <tunnel-reference-count>
      tunnel-reference-count
    </tunnel-reference-count>
    <tunnel-nexthop>....</tunnel-nexthop>
  </dynamic-tunnel>
</destination-network>
</dynamic-tunnel-table>
```

Description

<dynamic-tunnel>

Usage

```
<dynamic-tunnels-information>
<dynamic-tunnel-table>
<destination-network>
  <dynamic-tunnel>
    <tunnel-destination>
      tunnel-destination
    </tunnel-destination>
    <tunnel-state>
      tunnel-state
    </tunnel-state>
    <tunnel-expiry>
      tunnel-expiry
    </tunnel-expiry>
    <tunnel-reference-count>
      tunnel-reference-count
    </tunnel-reference-count>
    <tunnel-nexthop>....</tunnel-nexthop>
  </dynamic-tunnel>
</destination-network>
</dynamic-tunnel-table>
</dynamic-tunnels-information>
```

Description

<dynamic-tunnel-table>

Usage

```
<dynamic-tunnel-table>
  <table-name>
    table-name
  </table-name>
  <destination-network>....</destination-network>
</dynamic-tunnel-table>
```

Description

<dynamic-tunnel-table>

Usage

```
<dynamic-tunnels-information>
  <dynamic-tunnel-table>
    <table-name>
      table-name
    </table-name>
    <destination-network>....</destination-network>
  </dynamic-tunnel-table>
</dynamic-tunnels-information>
```

Description

<dynamic-tunnels-information>

Usage

```
<dynamic-tunnels-information>
  <dynamic-tunnel-table>....</dynamic-tunnel-table>
</dynamic-tunnels-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<connection>
  <egress-protection-protected-l2ckt>
    <protected-l2ckt-state>
      protected-l2ckt-state
    </protected-l2ckt-state>
    <protected-l2ckt-ingress>
      protected-l2ckt-ingress
    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
```

```
</egress-protection-protected-l2ckt>
</connection>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<mesh-group-connection>
<connection>
  <egress-protection-protected-l2ckt>
    <protected-l2ckt-state>
      protected-l2ckt-state
    </protected-l2ckt-state>
    <protected-l2ckt-ingress>
      protected-l2ckt-ingress
    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<instance>
  <reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </reference-site>
</instance>
```


Description

<egress-protection-protected-l2ckt>

Usage

```

<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </ldp-vpls-reference-site>
</instance>

```

Description

<egress-protection-protected-l2ckt>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
```

```
</instance>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

```
</connection>
</mesh-group-connection>
</reference-site>
</vppls-protocol-state>
</instance>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<l2vpn-connection-information>
<instance>
<reference-site>
<connection>
  <egress-protection-protected-l2ckt>
    <protected-l2ckt-state>
      protected-l2ckt-state
    </protected-l2ckt-state>
    <protected-l2ckt-ingress>
      protected-l2ckt-ingress
    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<l2vpn-connection-information>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
  <egress-protection-protected-l2ckt>
    <protected-l2ckt-state>
      protected-l2ckt-state
    </protected-l2ckt-state>
    <protected-l2ckt-ingress>
      protected-l2ckt-ingress
    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
```

```

        <protected-l2ckt-vcid>
        protected-l2ckt-vcid
        </protected-l2ckt-vcid>
    </egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
        protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
        protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
        protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
        protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
          protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
          protected-l2ckt-ingress

```

```
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
```

```

<egress-protection-protected-l2ckt>
  <protected-l2ckt-state>
    protected-l2ckt-state
  </protected-l2ckt-state>
  <protected-l2ckt-ingress>
    protected-l2ckt-ingress
  </protected-l2ckt-ingress>
  <protected-l2ckt-egress>
    protected-l2ckt-egress
  </protected-l2ckt-egress>
  <protected-l2ckt-vcid>
    protected-l2ckt-vcid
  </protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
```



```
</vpls-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

```
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
<instance>
<vpls-protocol-state>
<mesh-group-connection>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-connection-information>
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
```

```

        protected-l2ckt-egress
      </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>

```

```
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</reference-site>
</instance>
</vpls-statistics-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-statistics-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-statistics-information>
```

```

<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </reference-site>
  </vpls-protocol-state>
```

```

    </instance>
  </vpls-statistics-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
        </egress-protection-protected-l2ckt>
      </connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
      </egress-protection-protected-l2ckt>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```



```

    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>

```

```
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <connection>
          <egress-protection-protected-l2ckt>
            <protected-l2ckt-state>
              protected-l2ckt-state
            </protected-l2ckt-state>
            <protected-l2ckt-ingress>
              protected-l2ckt-ingress
            </protected-l2ckt-ingress>
            <protected-l2ckt-egress>
              protected-l2ckt-egress
            </protected-l2ckt-egress>
            <protected-l2ckt-vcid>
              protected-l2ckt-vcid
            </protected-l2ckt-vcid>
          </egress-protection-protected-l2ckt>
        </connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<ldp-vpls-reference-site>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
```

```

    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>

```

```
<mesh-group-connection>
  <connection>
    <egress-protection-protected-l2ckt>
      <protected-l2ckt-state>
        protected-l2ckt-state
      </protected-l2ckt-state>
      <protected-l2ckt-ingress>
        protected-l2ckt-ingress
      </protected-l2ckt-ingress>
      <protected-l2ckt-egress>
        protected-l2ckt-egress
      </protected-l2ckt-egress>
      <protected-l2ckt-vcid>
        protected-l2ckt-vcid
      </protected-l2ckt-vcid>
    </egress-protection-protected-l2ckt>
  </connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </reference-site>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <mesh-group-connection>
            <connection>
              <egress-protection-protected-l2ckt>
                <protected-l2ckt-state>
                  protected-l2ckt-state
                </protected-l2ckt-state>
                <protected-l2ckt-ingress>
                  protected-l2ckt-ingress
                </protected-l2ckt-ingress>
                <protected-l2ckt-egress>
                  protected-l2ckt-egress
                </protected-l2ckt-egress>
                <protected-l2ckt-vcid>
                  protected-l2ckt-vcid
                </protected-l2ckt-vcid>
              </egress-protection-protected-l2ckt>
            </connection>
          </mesh-group-connection>
        </reference-site>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </l2circuit-neighbor>
</l2circuit-connection-information>

```

```
</egress-protection-protected-l2ckt>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<mvpn-instance-information>
<instance>
<reference-site>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</reference-site>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<mvpn-instance-information>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
<egress-protection-protected-l2ckt>
<protected-l2ckt-state>
  protected-l2ckt-state
</protected-l2ckt-state>
<protected-l2ckt-ingress>
  protected-l2ckt-ingress
</protected-l2ckt-ingress>
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
```



```

        protected-l2ckt-vcid
      </protected-l2ckt-vcid>
    </egress-protection-protected-l2ckt>
  </connection>
</mesh-group-connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protected-l2ckt>
        <protected-l2ckt-state>
          protected-l2ckt-state
        </protected-l2ckt-state>
        <protected-l2ckt-ingress>
          protected-l2ckt-ingress
        </protected-l2ckt-ingress>
        <protected-l2ckt-egress>
          protected-l2ckt-egress
        </protected-l2ckt-egress>
        <protected-l2ckt-vcid>
          protected-l2ckt-vcid
        </protected-l2ckt-vcid>
      </egress-protection-protected-l2ckt>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>

```

```
<protected-l2ckt-egress>
  protected-l2ckt-egress
</protected-l2ckt-egress>
<protected-l2ckt-vcid>
  protected-l2ckt-vcid
</protected-l2ckt-vcid>
</egress-protection-protected-l2ckt>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protected-l2ckt>
          <protected-l2ckt-state>
            protected-l2ckt-state
          </protected-l2ckt-state>
          <protected-l2ckt-ingress>
            protected-l2ckt-ingress
          </protected-l2ckt-ingress>
          <protected-l2ckt-egress>
            protected-l2ckt-egress
          </protected-l2ckt-egress>
          <protected-l2ckt-vcid>
            protected-l2ckt-vcid
          </protected-l2ckt-vcid>
        </egress-protection-protected-l2ckt>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protected-l2ckt>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <egress-protection-protected-l2ckt>
```

```

    <protected-l2ckt-state>
      protected-l2ckt-state
    </protected-l2ckt-state>
    <protected-l2ckt-ingress>
      protected-l2ckt-ingress
    </protected-l2ckt-ingress>
    <protected-l2ckt-egress>
      protected-l2ckt-egress
    </protected-l2ckt-egress>
    <protected-l2ckt-vcid>
      protected-l2ckt-vcid
    </protected-l2ckt-vcid>
  </egress-protection-protected-l2ckt>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protected-l2ckt>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protected-l2ckt>
              <protected-l2ckt-state>
                protected-l2ckt-state
              </protected-l2ckt-state>
              <protected-l2ckt-ingress>
                protected-l2ckt-ingress
              </protected-l2ckt-ingress>
              <protected-l2ckt-egress>
                protected-l2ckt-egress
              </protected-l2ckt-egress>
              <protected-l2ckt-vcid>
                protected-l2ckt-vcid
              </protected-l2ckt-vcid>
            </egress-protection-protected-l2ckt>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description

<egress-protection-protector>

Usage

```
<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
```

Description

<egress-protection-protector>

Usage

```
<mesh-group-connection>
  <connection>
    <egress-protection-protector>
      <protector-state>
        protector-state
      </protector-state>
      <protector-interface>
        protector-interface
      </protector-interface>
      <interface-status>
        interface-status
      </interface-status>
      <protector-pe>
        protector-pe
      </protector-pe>
      <protector-pe-status>
        protector-pe-status
      </protector-pe-status>
    </egress-protection-protector>
  </connection>
</mesh-group-connection>
```

```

    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>

```

Description

<egress-protection-protector>

Usage

```

<instance>
  <reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
  </reference-site>
</instance>

```

Description

<egress-protection-protector>

Usage

```
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
```

Description

<egress-protection-protector>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
      </egress-protection-protector>
    </connection>
  </ldp-vpls-reference-site>
</instance>
```

```

</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</ldp-vpls-reference-site>
</instance>

```

Description

<egress-protection-protector>

Usage

```

<instance>
<ldp-vpls-reference-site>
<mesh-group-connection>
<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</ldp-vpls-reference-site>
</mesh-group-connection>
</instance>

```

```
    </egress-protection-protector>
  </connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
```

Description

<egress-protection-protector>

Usage

```
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
```

Description

<egress-protection-protector>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
```



```

<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description

<egress-protection-protector>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>

```

```
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<egress-protection-protector>

Usage

```
<l2vpn-connection-information>
<instance>
  <reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
```

```

    </reference-site>
  </instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<l2vpn-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
            <context-lsp>
              context-lsp
            </context-lsp>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>

```

```
<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
```

```

    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

```
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<l2vpn-connection-information>
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
<egress-protection-protector>
<protector-state>
  protector-state
</protector-state>
<protector-interface>
  protector-interface
</protector-interface>
<interface-status>
  interface-status
</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<l2vpn-connection-information>
```

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
            <context-lsp>
              context-lsp
            </context-lsp>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>

```

```
    interface-status
  </interface-status>
  <protector-pe>
    protector-pe
  </protector-pe>
  <protector-pe-status>
    protector-pe-status
  </protector-pe-status>
  <protection-context>
    protection-context
  </protection-context>
  <context-status>
    context-status
  </context-status>
  <context-lsp>
    context-lsp
  </context-lsp>
</egress-protection-protector>
</connection>
</reference-site>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
```



```

        <context-lsp>
        context-lsp
        </context-lsp>
    </egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
  <connection>
    <egress-protection-protector>
      <protector-state>
        protector-state
      </protector-state>
      <protector-interface>
        protector-interface
      </protector-interface>
      <interface-status>
        interface-status
      </interface-status>
      <protector-pe>
        protector-pe
      </protector-pe>
      <protector-pe-status>
        protector-pe-status
      </protector-pe-status>
      <protection-context>
        protection-context
      </protection-context>
      <context-status>
        context-status
      </context-status>
      <context-lsp>
        context-lsp
      </context-lsp>
    </egress-protection-protector>
  </connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>

```

Description

<egress-protection-protector>

Usage

```
<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
```

```

    protector-interface
  </protector-interface>
  <interface-status>
    interface-status
  </interface-status>
  <protector-pe>
    protector-pe
  </protector-pe>
  <protector-pe-status>
    protector-pe-status
  </protector-pe-status>
  <protection-context>
    protection-context
  </protection-context>
  <context-status>
    context-status
  </context-status>
  <context-lsp>
    context-lsp
  </context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context

```

```
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
            <context-lsp>
              context-lsp
            </context-lsp>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
```

```

    </instance>
  </vpls-connection-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>

```

```
<protector-state>
  protector-state
</protector-state>
<protector-interface>
  protector-interface
</protector-interface>
<interface-status>
  interface-status
</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-statistics-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
```

```

    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>

```

```
</instance>
</vpls-statistics-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
            <context-lsp>
              context-lsp
            </context-lsp>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
```



```

<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protector>
              <protector-state>
                protector-state
              </protector-state>
              <protector-interface>
                protector-interface
              </protector-interface>
              <interface-status>
                interface-status
              </interface-status>
              <protector-pe>

```

```
    protector-pe
  </protector-pe>
  <protector-pe-status>
    protector-pe-status
  </protector-pe-status>
  <protection-context>
    protection-context
  </protection-context>
  <context-status>
    context-status
  </context-status>
  <context-lsp>
    context-lsp
  </context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
```

```

    </context-lsp>
  </egress-protection-protector>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protector>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protector>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protector>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
```

```

<interface-status>
  interface-status
</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protector>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>

```

```
        context-status
      </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protector>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<egress-protection-protector>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protector>
              <protector-state>
                protector-state
              </protector-state>
              <protector-interface>
                protector-interface
              </protector-interface>
              <interface-status>
                interface-status
              </interface-status>
              <protector-pe>
                protector-pe
              </protector-pe>
              <protector-pe-status>
                protector-pe-status
              </protector-pe-status>
              <protection-context>
                protection-context
              </protection-context>
              <context-status>
                context-status
              </context-status>
              <context-lsp>
                context-lsp
              </context-lsp>
            </egress-protection-protector>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<egress-protection-protector>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <connection>
          <egress-protection-protector>

```

```
<protector-state>
  protector-state
</protector-state>
<protector-interface>
  protector-interface
</protector-interface>
<interface-status>
  interface-status
</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
```



```

    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<egress-protection-protector>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
    </egress-protection-protector>
  </connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protector>**Usage**

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <egress-protection-protector>
            <protector-state>
              protector-state
            </protector-state>
            <protector-interface>
              protector-interface
            </protector-interface>
            <interface-status>
              interface-status
            </interface-status>
            <protector-pe>
              protector-pe
            </protector-pe>
            <protector-pe-status>
              protector-pe-status
            </protector-pe-status>
            <protection-context>
              protection-context
            </protection-context>
            <context-status>
              context-status
            </context-status>
            <context-lsp>
              context-lsp
            </context-lsp>
          </egress-protection-protector>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description**<egress-protection-protector>****Usage**

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <egress-protection-protector>
            <protector-state>

```

```
    protector-state
  </protector-state>
  <protector-interface>
    protector-interface
  </protector-interface>
  <interface-status>
    interface-status
  </interface-status>
  <protector-pe>
    protector-pe
  </protector-pe>
  <protector-pe-status>
    protector-pe-status
  </protector-pe-status>
  <protection-context>
    protection-context
  </protection-context>
  <context-status>
    context-status
  </context-status>
  <context-lsp>
    context-lsp
  </context-lsp>
  </egress-protection-protector>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<egress-protection-protector>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <mesh-group-connection>
            <connection>
              <egress-protection-protector>
                <protector-state>
                  protector-state
                </protector-state>
                <protector-interface>
                  protector-interface
                </protector-interface>
                <interface-status>
                  interface-status
                </interface-status>
                <protector-pe>
                  protector-pe
```

```

    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<egress-protection-protector>

Usage

```

<l2circuit-connection-information>
<l2circuit-neighbor>
<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>

```

```
</egress-protection-protector>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description

<egress-protection-protector>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protector>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
```

```

<connection>
  <egress-protection-protector>
    <protector-state>
      protector-state
    </protector-state>
    <protector-interface>
      protector-interface
    </protector-interface>
    <interface-status>
      interface-status
    </interface-status>
    <protector-pe>
      protector-pe
    </protector-pe>
    <protector-pe-status>
      protector-pe-status
    </protector-pe-status>
    <protection-context>
      protection-context
    </protection-context>
    <context-status>
      context-status
    </context-status>
    <context-lsp>
      context-lsp
    </context-lsp>
  </egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protector>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
        </egress-protection-protector>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

```
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protector>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
  <mesh-group-connection>
  <connection>
    <egress-protection-protector>
      <protector-state>
        protector-state
      </protector-state>
      <protector-interface>
        protector-interface
      </protector-interface>
      <interface-status>
        interface-status
      </interface-status>
      <protector-pe>
        protector-pe
      </protector-pe>
      <protector-pe-status>
        protector-pe-status
      </protector-pe-status>
      <protection-context>
        protection-context
      </protection-context>
      <context-status>
        context-status
      </context-status>
      <context-lsp>
        context-lsp
      </context-lsp>
    </egress-protection-protector>
  </connection>
```



```

    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protector>

Usage

```

<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <egress-protection-protector>
          <protector-state>
            protector-state
          </protector-state>
          <protector-interface>
            protector-interface
          </protector-interface>
          <interface-status>
            interface-status
          </interface-status>
          <protector-pe>
            protector-pe
          </protector-pe>
          <protector-pe-status>
            protector-pe-status
          </protector-pe-status>
          <protection-context>
            protection-context
          </protection-context>
          <context-status>
            context-status
          </context-status>
          <context-lsp>
            context-lsp
          </context-lsp>
        </egress-protection-protector>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<egress-protection-protector>

Usage

```

<mvpn-instance-information>
<instance>

```

```
<vpls-protocol-state>
  <reference-site>
    <connection>
      <egress-protection-protector>
        <protector-state>
          protector-state
        </protector-state>
        <protector-interface>
          protector-interface
        </protector-interface>
        <interface-status>
          interface-status
        </interface-status>
        <protector-pe>
          protector-pe
        </protector-pe>
        <protector-pe-status>
          protector-pe-status
        </protector-pe-status>
        <protection-context>
          protection-context
        </protection-context>
        <context-status>
          context-status
        </context-status>
        <context-lsp>
          context-lsp
        </context-lsp>
      </egress-protection-protector>
    </connection>
  </reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<egress-protection-protector>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <egress-protection-protector>
              <protector-state>
                protector-state
              </protector-state>
              <protector-interface>
                protector-interface
              </protector-interface>
              <interface-status>
                interface-status
```

```

</interface-status>
<protector-pe>
  protector-pe
</protector-pe>
<protector-pe-status>
  protector-pe-status
</protector-pe-status>
<protection-context>
  protection-context
</protection-context>
<context-status>
  context-status
</context-status>
<context-lsp>
  context-lsp
</context-lsp>
</egress-protection-protector>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<end-system-element>

Usage

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-result>
        <end-system-element>
          <end-system-id>
            end-system-id
          </end-system-id>
          <end-system-metric>
            end-system-metric
          </end-system-metric>
        </end-system-element>
      </isis-spf-result>
    </isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description

<end-system-element>

Usage

```

<isis-overview-information>
  <isis-overview>
    <isis-spf-information>

```

```
<isis-spf>
  <isis-spf-result>
    <end-system-element>
      <end-system-id>
        end-system-id
      </end-system-id>
      <end-system-metric>
        end-system-metric
      </end-system-metric>
    </end-system-element>
  </isis-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>
```

Description

<end-system-element>

Usage

```
<isis-spf-result>
  <end-system-element>
    <end-system-id>
      end-system-id
    </end-system-id>
    <end-system-metric>
      end-system-metric
    </end-system-metric>
  </end-system-element>
</isis-spf-result>
```

Description

<end-system-element>

Usage

```
<isis-spf>
  <isis-spf-result>
    <end-system-element>
      <end-system-id>
        end-system-id
      </end-system-id>
      <end-system-metric>
        end-system-metric
      </end-system-metric>
    </end-system-element>
  </isis-spf-result>
</isis-spf>
```

Description

<end-system-element>**Usage**

```

<isis-spf-information>
  <isis-spf>
    <isis-spf-result>
      <end-system-element>
        <end-system-id>
          end-system-id
        </end-system-id>
        <end-system-metric>
          end-system-metric
        </end-system-metric>
      </end-system-element>
    </isis-spf-result>
  </isis-spf>
</isis-spf-information>

```

Description**<esis-adjacency>****Usage**

```

<esis-adjacency>
  <esis-neighbor-type>
    esis-neighbor-type
  </esis-neighbor-type>
  <esis-neighbor-id>
    esis-neighbor-id
  </esis-neighbor-id>
  <holdtime>
    holdtime
  </holdtime>
  <esis-adjacency-advertised-holdtime>
    esis-adjacency-advertised-holdtime
  </esis-adjacency-advertised-holdtime>
  <snpa>
    snpa
  </snpa>
  <interface-name>
    interface-name
  </interface-name>
  <esis-adjacency-log>....</esis-adjacency-log>
</esis-adjacency>

```

Description**<esis-adjacency>****Usage**

```

<esis-adjacency-information>
  <esis-adjacency>
    <esis-neighbor-type>
      esis-neighbor-type

```

```
</esis-neighbor-type>
<esis-neighbor-id>
  esis-neighbor-id
</esis-neighbor-id>
<holdtime>
  holdtime
</holdtime>
<esis-adjacency-advertised-holdtime>
  esis-adjacency-advertised-holdtime
</esis-adjacency-advertised-holdtime>
<snpa>
  snpa
</snpa>
<interface-name>
  interface-name
</interface-name>
<esis-adjacency-log>....</esis-adjacency-log>
</esis-adjacency>
</esis-adjacency-information>
```

Description

<esis-adjacency-information>

Usage

```
<esis-adjacency-information>
  <esis-adjacency>....</esis-adjacency>
</esis-adjacency-information>
```

Description

<esis-adjacency-log>

Usage

```
<esis-adjacency>
  <esis-adjacency-log>
    <esis-adjacency-when>
      esis-adjacency-when
    </esis-adjacency-when>
    <esis-adjacency-state>
      esis-adjacency-state
    </esis-adjacency-state>
    <esis-adjacency-event>
      esis-adjacency-event
    </esis-adjacency-event>
    <esis-adjacency-down-reason>
      esis-adjacency-down-reason
    </esis-adjacency-down-reason>
  </esis-adjacency-log>
</esis-adjacency>
```

Description Entry describing ES-IS adjacency transition

<esis-adjacency-log>

Usage

```

<esis-adjacency-information>
  <esis-adjacency>
    <esis-adjacency-log>
      <esis-adjacency-when>
        esis-adjacency-when
      </esis-adjacency-when>
      <esis-adjacency-state>
        esis-adjacency-state
      </esis-adjacency-state>
      <esis-adjacency-event>
        esis-adjacency-event
      </esis-adjacency-event>
      <esis-adjacency-down-reason>
        esis-adjacency-down-reason
      </esis-adjacency-down-reason>
    </esis-adjacency-log>
  </esis-adjacency>
</esis-adjacency-information>

```

Description Entry describing ES-IS adjacency transition

<esis-interface>

Usage

```

<esis-interface>
  <interface-name>
    interface-name
  </interface-name>
  <esis-interface-receives>
    esis-interface-receives
  </esis-interface-receives>
  <esis-interface-sends>
    esis-interface-sends
  </esis-interface-sends>
  <interface-index>
    interface-index
  </interface-index>
  <esis-interface-state-value>
    esis-interface-state-value
  </esis-interface-state-value>
  <esis-hello-interval>
    esis-hello-interval
  </esis-hello-interval>
  <holdtime>
    holdtime
  </holdtime>
  <esis-esct>
    esis-esct
  </esis-esct>
  <esis-adjacency-count>
    esis-adjacency-count

```

```
</esis-adjacency-count>
<esis-interface-net>
  esis-interface-net
</esis-interface-net>
</esis-interface>
```

Description

<esis-interface>

Usage

```
<esis-interface-information>
  <esis-interface>
    <interface-name>
      interface-name
    </interface-name>
    <esis-interface-receives>
      esis-interface-receives
    </esis-interface-receives>
    <esis-interface-sends>
      esis-interface-sends
    </esis-interface-sends>
    <interface-index>
      interface-index
    </interface-index>
    <esis-interface-state-value>
      esis-interface-state-value
    </esis-interface-state-value>
    <esis-hello-interval>
      esis-hello-interval
    </esis-hello-interval>
    <holdtime>
      holdtime
    </holdtime>
    <esis-esct>
      esis-esct
    </esis-esct>
    <esis-adjacency-count>
      esis-adjacency-count
    </esis-adjacency-count>
    <esis-interface-net>
      esis-interface-net
    </esis-interface-net>
  </esis-interface>
</esis-interface-information>
```

Description

<esis-interface-information>

Usage

```
<esis-interface-information>
  <esis-interface>....</esis-interface>
```



```
</esis-interface-information>
```

Description

```
<esis-pdu-statistics>
```

Usage

```
<esis-pdu-statistics>
  <esis-pdu-type>
    esis-pdu-type
  </esis-pdu-type>
  <packets-received>
    packets-received
  </packets-received>
  <packets-processed>
    packets-processed
  </packets-processed>
  <packets-dropped>
    packets-dropped
  </packets-dropped>
  <packets-sent>
    packets-sent
  </packets-sent>
  <packets-retransmitted>
    packets-retransmitted
  </packets-retransmitted>
</esis-pdu-statistics>
```

Description

```
<esis-pdu-statistics>
```

Usage

```
<esis-statistics-information>
  <esis-pdu-statistics>
    <esis-pdu-type>
      esis-pdu-type
    </esis-pdu-type>
    <packets-received>
      packets-received
    </packets-received>
    <packets-processed>
      packets-processed
    </packets-processed>
    <packets-dropped>
      packets-dropped
    </packets-dropped>
    <packets-sent>
      packets-sent
    </packets-sent>
    <packets-retransmitted>
      packets-retransmitted
    </packets-retransmitted>
  </esis-pdu-statistics>
```

</esis-statistics-information>

Description

<esis-statistics-information>

Usage

```
<esis-statistics-information>
  <esis-pdu-statistics>....</esis-pdu-statistics>
  <esis-totals-information>....</esis-totals-information>
</esis-statistics-information>
```

Description

<esis-totals-information>

Usage

```
<esis-totals-information>
  <packets-received>
    packets-received
  </packets-received>
  <packets-sent>
    packets-sent
  </packets-sent>
</esis-totals-information>
```

Description

<esis-totals-information>

Usage

```
<esis-statistics-information>
  <esis-totals-information>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent>
      packets-sent
    </packets-sent>
  </esis-totals-information>
</esis-statistics-information>
```

Description

<everything>

Usage

```
<pim-statistics-information>
  <everything>
    <pim-statistics-global>....</pim-statistics-global>
    <pim-statistics-other>....</pim-statistics-other>
  </everything>
```

```
</pim-statistics-information>
```

Description

<explicit-route>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </rsvp-session>
</rsvp-session-data>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <detour>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </detour>
  </rsvp-session>
</rsvp-session-data>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session-data>
```

```
<rsvp-session>
  <detour-branch>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </detour-branch>
</rsvp-session>
</rsvp-session-data>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <explicit-route>
          <address>
            address
          </address>
          <explicit-route-type>
            explicit-route-type
          </explicit-route-type>
          <telink-id>
            telink-id
          </telink-id>
        </explicit-route>
      </mpls-lsp-path>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
```

```

        explicit-route-type
      </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</rsvp-session>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<rsvp-session>
  <detour>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </detour>
</rsvp-session>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<rsvp-session>
  <detour-branch>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </detour-branch>
</rsvp-session>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<detour>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</detour>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<detour-branch>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
  </explicit-route>
</detour-branch>
```

```

    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</detour-branch>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <explicit-route>
          <address>
            address
          </address>
          <explicit-route-type>
            explicit-route-type
          </explicit-route-type>
          <telink-id>
            telink-id
          </telink-id>
        </explicit-route>
      </detour>
    </rsvp-session>
  </rsvp-session-data>

```

</rsvp-session-information>

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <explicit-route>
          <address>
            address
          </address>
          <explicit-route-type>
            explicit-route-type
          </explicit-route-type>
          <telink-id>
            telink-id
          </telink-id>
        </explicit-route>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <explicit-route>
            <address>
              address
            </address>
            <explicit-route-type>
              explicit-route-type
            </explicit-route-type>
            <telink-id>
              telink-id
            </telink-id>
          </explicit-route>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
```



```
</rsvp-session-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-path>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-lsp-path>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp>
  <mpls-lsp-path>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </mpls-lsp-path>
</mpls-lsp>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <explicit-route>
```

```
<address>
  address
</address>
<explicit-route-type>
  explicit-route-type
</explicit-route-type>
<telink-id>
  telink-id
</telink-id>
</explicit-route>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-information>
<rsvp-session-data>
<rsvp-session>
<detour>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</detour>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-information>
<rsvp-session-data>
<rsvp-session>
<detour-branch>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
```

```

        explicit-route-type
      </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</detour-branch>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <explicit-route>
            <address>
              address
            </address>
            <explicit-route-type>
              explicit-route-type
            </explicit-route-type>
            <telink-id>
              telink-id
            </telink-id>
          </explicit-route>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-restart-rsvp>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id

```

```
</telink-id>
</explicit-route>
</mpls-restart-rsvp>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-restart-path>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-restart-path>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-restart-path>
  <mpls-restart-rsvp>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </mpls-restart-rsvp>
</mpls-restart-path>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-restart-lsp>
  <mpls-restart-path>
```

```

<explicit-route>
  <address>
    address
  </address>
  <explicit-route-type>
    explicit-route-type
  </explicit-route-type>
  <telink-id>
    telink-id
  </telink-id>
</explicit-route>
</mpls-restart-path>
</mpls-restart-lsp>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-restart-lsp>
  <mpls-restart-path>
    <mpls-restart-rsvp>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </mpls-restart-rsvp>
  </mpls-restart-path>
</mpls-restart-lsp>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-restart-database-information>
  <mpls-restart-database>
    <mpls-restart-lsp>
      <mpls-restart-path>
        <explicit-route>
          <address>
            address
          </address>
          <explicit-route-type>
            explicit-route-type
          </explicit-route-type>
        </explicit-route>
      </mpls-restart-path>
    </mpls-restart-lsp>
  </mpls-restart-database>
</mpls-restart-database-information>

```

```
<telink-id>
  telink-id
</telink-id>
</explicit-route>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-restart-database>
</mpls-restart-database-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-restart-database-information>
<mpls-restart-database>
<mpls-restart-lsp>
<mpls-restart-path>
<mpls-restart-rsvp>
<explicit-route>
  <address>
    address
  </address>
  <explicit-route-type>
    explicit-route-type
  </explicit-route-type>
  <telink-id>
    telink-id
  </telink-id>
</explicit-route>
</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-restart-database>
</mpls-restart-database-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
<mpls-restart-path>
<explicit-route>
  <address>
    address
  </address>
  <explicit-route-type>
    explicit-route-type
  </explicit-route-type>
  <telink-id>
    telink-id
```

```

    </telink-id>
  </explicit-route>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
<mpls-restart-path>
<mpls-restart-rsvp>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-p2mp-restart-database-information>
<mpls-p2mp-restart-database>
<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
<mpls-restart-path>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-restart-path>

```

```
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>
</mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-p2mp-restart-database-information>
<mpls-p2mp-restart-database>
<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
<mpls-restart-path>
<mpls-restart-rsvp>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>
</mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-call-admission-control-information>
<mpls-call-admission-control>
<mpls-lsp>
<mpls-lsp-path>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
```



```

        </explicit-route>
      </mpls-lsp-path>
    </mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-path-inst-repl>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-path-inst-repl>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```

<mpls-path-replication>
  <mpls-path-inst-repl>
    <explicit-route>
      <address>
        address
      </address>
      <explicit-route-type>
        explicit-route-type
      </explicit-route-type>
      <telink-id>
        telink-id
      </telink-id>
    </explicit-route>
  </mpls-path-inst-repl>
</mpls-path-replication>

```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-path-replication-information>
  <mpls-path-replication>
    <mpls-path-inst-repl>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </mpls-path-inst-repl>
  </mpls-path-replication>
</mpls-path-replication-information>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-replication>
  <mpls-path-replication>
    <mpls-path-inst-repl>
      <explicit-route>
        <address>
          address
        </address>
        <explicit-route-type>
          explicit-route-type
        </explicit-route-type>
        <telink-id>
          telink-id
        </telink-id>
      </explicit-route>
    </mpls-path-inst-repl>
  </mpls-path-replication>
</mpls-lsp-replication>
```

Description Explicit Route Object (ERO)

<explicit-route>

Usage

```
<mpls-lsp-replication-information>
  <mpls-lsp-replication>
    <mpls-path-replication>
```

```

<mpls-path-inst-repl>
  <explicit-route>
    <address>
      address
    </address>
    <explicit-route-type>
      explicit-route-type
    </explicit-route-type>
    <telink-id>
      telink-id
    </telink-id>
  </explicit-route>
</mpls-path-inst-repl>
</mpls-path-replication>
</mpls-lsp-replication>
</mpls-lsp-replication-information>

```

Description Explicit Route Object (ERO)

<fdep-depnode>

Usage

```

<fdep-depnode>
  <dep-rtnode-prefix>
    dep-rtnode-prefix
  </dep-rtnode-prefix>
  <dep-rtnode-prefixlen>
    dep-rtnode-prefixlen
  </dep-rtnode-prefixlen>
  <dep-entries>
    dep-entries
  </dep-entries>
  <dep-active>
    dep-active
  </dep-active>
  <dep-flags>
    dep-flags
  </dep-flags>
</fdep-depnode>

```

Description

<fdep-depnode>

Usage

```

<rtflow-dep-information>
  <rtflow-dep-table>
    <fdep-node>
      <fdep-depnode>
        <dep-rtnode-prefix>
          dep-rtnode-prefix
        </dep-rtnode-prefix>
        <dep-rtnode-prefixlen>
          dep-rtnode-prefixlen

```

```
</dep-rtnode-prefixlen>
<dep-entries>
  dep-entries
</dep-entries>
<dep-active>
  dep-active
</dep-active>
<dep-flags>
  dep-flags
</dep-flags>
</fdep-depnode>
</fdep-node>
</rtflow-dep-table>
</rtflow-dep-information>
```

Description

<fdep-inode>

Usage

```
<fdep-inode>
  <fdep-inode-color>
    fdep-inode-color
  </fdep-inode-color>
  <fdep-inode-consist>
    fdep-inode-consist
  </fdep-inode-consist>
  <fdep-inode-asn>
    fdep-inode-asn
  </fdep-inode-asn>
</fdep-inode>
```

Description

<fdep-inode>

Usage

```
<rtflow-dep-information>
  <rtflow-dep-table>
    <fdep-node>
      <fdep-inode>
        <fdep-inode-color>
          fdep-inode-color
        </fdep-inode-color>
        <fdep-inode-consist>
          fdep-inode-consist
        </fdep-inode-consist>
        <fdep-inode-asn>
          fdep-inode-asn
        </fdep-inode-asn>
      </fdep-inode>
    </fdep-node>
  </rtflow-dep-table>
```

```
</rtflow-dep-information>
```

Description

<fdep-node>

Usage

```
<rtflow-dep-information>
<rtflow-dep-table>
  <fdep-node>
    <fdep-destination>
      fdep-destination
    </fdep-destination>
    <fdep-prefixlen>
      fdep-prefixlen
    </fdep-prefixlen>
    <fdep-inode>....</fdep-inode>
    <fdep-rtnode>....</fdep-rtnode>
    <fdep-depnode>....</fdep-depnode>
  </fdep-node>
</rtflow-dep-table>
</rtflow-dep-information>
```

Description

<fdep-rtnode>

Usage

```
<fdep-rtnode>
  <rtnode-state>
    rtnode-state
  </rtnode-state>
  <rtnode-refcount>
    rtnode-refcount
  </rtnode-refcount>
  <rtnode-origin>
    rtnode-origin
  </rtnode-origin>
  <rtnode-next-as>
    rtnode-next-as
  </rtnode-next-as>
  <rtnode-flags>
    rtnode-flags
  </rtnode-flags>
</fdep-rtnode>
```

Description Entry that corresponding to a unicast route that is being tracked

<fdep-rtnode>

Usage

```
<rtflow-dep-information>
<rtflow-dep-table>
```

```
<fdep-node>
  <fdep-rtnode>
    <rtnode-state>
      rtnode-state
    </rtnode-state>
    <rtnode-refcount>
      rtnode-refcount
    </rtnode-refcount>
    <rtnode-origin>
      rtnode-origin
    </rtnode-origin>
    <rtnode-next-as>
      rtnode-next-as
    </rtnode-next-as>
    <rtnode-flags>
      rtnode-flags
    </rtnode-flags>
  </fdep-rtnode>
</fdep-node>
</rtflow-dep-table>
</rtflow-dep-information>
```

Description Entry that corresponding to a unicast route that is being tracked

<flow-ucast-rt>

Usage

```
<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <rtd-flow-dep>
          <flow-ucast-rt>
            <flow-rtn-dest>
              flow-rtn-dest
            </flow-rtn-dest>
            <flow-rtn-plen>
              flow-rtn-plen
            </flow-rtn-plen>
            <flow-rtn-state>
              flow-rtn-state
            </flow-rtn-state>
          </flow-ucast-rt>
        </rtd-flow-dep>
      </rt-entry>
    </rt>
  </route-table>
</route-information>
```

Description Unicast route used for resolution

<flow-ucast-rt>**Usage**

```

<route-summary-information>
  <route-table>
    <rt>
      <rt-entry>
        <rtd-flow-dep>
          <flow-ucast-rt>
            <flow-rtn-dest>
              flow-rtn-dest
            </flow-rtn-dest>
            <flow-rtn-plen>
              flow-rtn-plen
            </flow-rtn-plen>
            <flow-rtn-state>
              flow-rtn-state
            </flow-rtn-state>
          </flow-ucast-rt>
        </rtd-flow-dep>
      </rt-entry>
    </rt>
  </route-table>
</route-summary-information>

```

Description Unicast route used for resolution

<history>**Usage**

```

<connection>
  <history>
    <log-time-stamp>
      log-time-stamp
    </log-time-stamp>
    <log-event>
      log-event
    </log-event>
    <changed-entity>
      changed-entity
    </changed-entity>
  </history>
</connection>

```

Description**<history>****Usage**

```

<mesh-group-connection>
  <connection>
    <history>
      <log-time-stamp>

```

```
    log-time-stamp
  </log-time-stamp>
  <log-event>
    log-event
  </log-event>
  <changed-entity>
    changed-entity
  </changed-entity>
</history>
</connection>
</mesh-group-connection>
```

Description

<history>

Usage

```
<instance>
  <reference-site>
    <connection>
      <history>
        <log-time-stamp>
          log-time-stamp
        </log-time-stamp>
        <log-event>
          log-event
        </log-event>
        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </reference-site>
</instance>
```

Description

<history>

Usage

```
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
```



```

    </history>
  </connection>
</mesh-group-connection>
</reference-site>
</instance>

```

Description

<history>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <connection>
      <history>
        <log-time-stamp>
          log-time-stamp
        </log-time-stamp>
        <log-event>
          log-event
        </log-event>
        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </ldp-vpls-reference-site>
</instance>

```

Description

<history>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>

```

Description**<history>****Usage**

```
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
```

Description**<history>****Usage**

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

Description

<history>**Usage**

```

<instance>
  <vppls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vppls-protocol-state>
</instance>

```

Description**<history>****Usage**

```

<l2vpn-connection-information>
  <instance>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </instance>
</l2vpn-connection-information>

```

Description

<history>

Usage

```
<l2vpn-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</l2vpn-connection-information>
```

Description

<history>

Usage

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>
```

Description

<history>**Usage**

```

<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>

```

Description**<history>****Usage**

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<history>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description

<history>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <history>
              <log-time-stamp>
                log-time-stamp
              </log-time-stamp>
              <log-event>
                log-event
              </log-event>
              <changed-entity>
                changed-entity
              </changed-entity>
            </history>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description

<history>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<history>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<history>

Usage

```
<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <history>
        <log-time-stamp>
          log-time-stamp
        </log-time-stamp>
        <log-event>
          log-event
        </log-event>
        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<history>

Usage

```
<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<history>**Usage**

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description**<history>****Usage**

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description

<history>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <history>
              <log-time-stamp>
                log-time-stamp
              </log-time-stamp>
              <log-event>
                log-event
              </log-event>
              <changed-entity>
                changed-entity
              </changed-entity>
            </history>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description

<history>

Usage

```
<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </instance>
</vpls-statistics-information>
```

Description

<history>**Usage**

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-statistics-information>

```

Description**<history>****Usage**

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<history>

Usage

```
<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>
```

Description

<history>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description

<history>**Usage**

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description**<history>****Usage**

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <history>
              <log-time-stamp>
                log-time-stamp
              </log-time-stamp>
              <log-event>
                log-event
              </log-event>
              <changed-entity>
                changed-entity
              </changed-entity>
            </history>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description**<history>****Usage**

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <connection>
      <history>
        <log-time-stamp>
          log-time-stamp
        </log-time-stamp>
        <log-event>
          log-event
        </log-event>
        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description**<history>****Usage**

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<history>**Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description**<history>****Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<history>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<history>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<history>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <history>
              <log-time-stamp>
                log-time-stamp
              </log-time-stamp>
              <log-event>
                log-event
              </log-event>
              <changed-entity>
                changed-entity
              </changed-entity>
            </history>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<history>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description**<history>****Usage**

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description**<history>****Usage**

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

```
</vpls-dynamic-interface-repository-information>
```

Description

<history>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<history>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
```

```
        </mesh-group-connection>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<history>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<history>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <history>
              <log-time-stamp>
                log-time-stamp
              </log-time-stamp>
              <log-event>
                log-event
              </log-event>
            </history>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

```

        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<history>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>
    <connection>
      <history>
        <log-time-stamp>
          log-time-stamp
        </log-time-stamp>
        <log-event>
          log-event
        </log-event>
        <changed-entity>
          changed-entity
        </changed-entity>
      </history>
    </connection>
  </l2circuit-neighbor>
</l2circuit-connection-information>

```

Description

<history>

Usage

```

<mvpn-instance-information>
  <instance>
    <reference-site>
      <connection>
        <history>
          <log-time-stamp>
            log-time-stamp
          </log-time-stamp>
          <log-event>
            log-event
          </log-event>
          <changed-entity>
            changed-entity
          </changed-entity>
        </history>
      </connection>
    </reference-site>
  </instance>
</mvpn-instance-information>

```

```
</history>
</connection>
</reference-site>
</instance>
</mvpn-instance-information>
```

Description

<history>

Usage

```
<mvpn-instance-information>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
<history>
<log-time-stamp>
  log-time-stamp
</log-time-stamp>
<log-event>
  log-event
</log-event>
<changed-entity>
  changed-entity
</changed-entity>
</history>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</mvpn-instance-information>
```

Description

<history>

Usage

```
<mvpn-instance-information>
<instance>
<ldp-vpls-reference-site>
<connection>
<history>
<log-time-stamp>
  log-time-stamp
</log-time-stamp>
<log-event>
  log-event
</log-event>
<changed-entity>
  changed-entity
</changed-entity>
</history>
</connection>
```

```

    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

Description

<history>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

Description

<history>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <history>
            <log-time-stamp>
              log-time-stamp
            </log-time-stamp>
            <log-event>
              log-event
            </log-event>
            <changed-entity>
              changed-entity
            </changed-entity>
          </history>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

```
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<history>

Usage

```
<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
<history>
<log-time-stamp>
  log-time-stamp
</log-time-stamp>
<log-event>
  log-event
</log-event>
<changed-entity>
  changed-entity
</changed-entity>
</history>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<history>

Usage

```
<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-connection>
<connection>
<history>
<log-time-stamp>
  log-time-stamp
</log-time-stamp>
<log-event>
  log-event
</log-event>
<changed-entity>
  changed-entity
</changed-entity>
</history>
</connection>
```



```

    </mesh-group-connection>
  </reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<host-record>

Usage

```

<mgm-interface-groups>
  <mgm-group>
    <host-record>
      <record-type>
        record-type
      </record-type>
      <receiver>
        receiver
      </receiver>
      <record-timeout>
        record-timeout
      </record-timeout>
    </host-record>
  </mgm-group>
</mgm-interface-groups>

```

Description

<host-record>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
        <receiver>
          receiver
        </receiver>
        <record-timeout>
          record-timeout
        </record-timeout>
      </host-record>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

Description

<host-record>

Usage

```
<mld-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
        <receiver>
          receiver
        </receiver>
        <record-timeout>
          record-timeout
        </record-timeout>
      </host-record>
    </mgm-group>
  </mgm-interface-groups>
</mld-group-information>
```

Description

<host-record>

Usage

```
<amt-tunnel>
  <mgm-group>
    <host-record>
      <record-type>
        record-type
      </record-type>
      <receiver>
        receiver
      </receiver>
      <record-timeout>
        record-timeout
      </record-timeout>
    </host-record>
  </mgm-group>
</amt-tunnel>
```

Description

<host-record>

Usage

```
<amt-tunnel-information>
  <amt-tunnel>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
```

```

    <receiver>
      receiver
    </receiver>
    <record-timeout>
      record-timeout
    </record-timeout>
  </host-record>
</mgm-group>
</amt-tunnel>
</amt-tunnel-information>

```

Description**<hostname-tlv>****Usage**

```

<isis-tlv>
  <hostname-tlv>
    <hostname>
      hostname
    </hostname>
  </hostname-tlv>
</isis-tlv>

```

Description**<hostname-tlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <hostname-tlv>
      <hostname>
        hostname
      </hostname>
    </hostname-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<hostname-tlv>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <hostname-tlv>
        <hostname>
          hostname
        </hostname>
      </hostname-tlv>
    </isis-tlv>
  </isis-database-entry>

```

</isis-database>

Description

<hostname-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <hostname-tlv>
          <hostname>
            hostname
          </hostname>
        </hostname-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<idrp-tlv>

Usage

```
<isis-tlv>
  <idrp-tlv>
    <tlv-length>
      tlv-length
    </tlv-length>
  </idrp-tlv>
</isis-tlv>
```

Description

<idrp-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <idrp-tlv>
      <tlv-length>
        tlv-length
      </tlv-length>
    </idrp-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<idrp-tlv>**Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <idrp-tlv>
        <tlv-length>
          tlv-length
        </tlv-length>
      </idrp-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>

```

Description**<idrp-tlv>****Usage**

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <idrp-tlv>
          <tlv-length>
            tlv-length
          </tlv-length>
        </idrp-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description**<iflist-next-hop>****Usage**

```

<multicast-next-hops-information>
  <next-hops-family>
    <iflist-next-hop>
      <next-hop-id>
        next-hop-id
      </next-hop-id>
      <next-hop-ref-count>
        next-hop-ref-count
      </next-hop-ref-count>
      <next-hop-kernel-ref-count>
        next-hop-kernel-ref-count
      </next-hop-kernel-ref-count>
      <next-hop-downstream-interface>....</next-hop-downstream-interface>
    </iflist-next-hop>
  </next-hops-family>

```

</multicast-next-hops-information>

Description

<igmp-group-information>

Usage

```
<igmp-group-information>
  <mgm-interface-groups>....</mgm-interface-groups>
</igmp-group-information>
```

Description

<igmp-hosts-information>

Usage

```
<igmp-hosts-information>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface>....</mgm-interface>
</igmp-hosts-information>
```

Description

<igmp-interface-information>

Usage

```
<igmp-interface-information>
  <mgm-interface>....</mgm-interface>
  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
  <mgm-amt-configured-parameters>....</mgm-amt-configured-parameters>
  <mgm-amt-derived-parameters>....</mgm-amt-derived-parameters>
</igmp-interface-information>
```

Description

<igmp-output-group-information>

Usage

```
<igmp-output-group-information>
  <mgm-interface-output-groups>....</mgm-interface-output-groups>
</igmp-output-group-information>
```

Description

<igmp-statistics-information>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>....</mgm-statistics-interface>
```

```

<mgm-statistics-other>....</mgm-statistics-other>
<mgm-statistics-global>....</mgm-statistics-global>
<mgm-statistics-all>....</mgm-statistics-all>
</igmp-statistics-information>

```

Description

<ingress-replication-information>

Usage

```

<ingress-replication-information>
  <ir-tunnel>....</ir-tunnel>
  <ir-unicast-tunnel>....</ir-unicast-tunnel>
</ingress-replication-information>

```

Description

<instance>

Usage

```

<instance>
  <instance-name>
    instance-name
  </instance-name>
  <instance-display-error>
    instance-display-error
  </instance-display-error>
  <reference-site>....</reference-site>
  <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
  <vpls-protocol-state>....</vpls-protocol-state>
  <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
  <provider-tunnel>....</provider-tunnel>
  <neighbor>....</neighbor>
  <c-multicast-ipv4>....</c-multicast-ipv4>
  <c-multicast-ipv6>....</c-multicast-ipv6>
</instance>

```

Description

<instance>

Usage

```

<l2vpn-connection-information>
  <instance>
    <instance-name>
      instance-name
    </instance-name>
    <instance-display-error>
      instance-display-error
    </instance-display-error>
    <reference-site>....</reference-site>
    <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
    <vpls-protocol-state>....</vpls-protocol-state>
    <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>

```

```
<provider-tunnel>....</provider-tunnel>
<neighbor>....</neighbor>
<c-multicast-ipv4>....</c-multicast-ipv4>
<c-multicast-ipv6>....</c-multicast-ipv6>
</instance>
</l2vpn-connection-information>
```

Description

<instance>

Usage

```
<vpls-connection-information>
<instance>
  <instance-name>
    instance-name
  </instance-name>
  <instance-display-error>
    instance-display-error
  </instance-display-error>
  <reference-site>....</reference-site>
  <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
  <vpls-protocol-state>....</vpls-protocol-state>
  <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
  <provider-tunnel>....</provider-tunnel>
  <neighbor>....</neighbor>
  <c-multicast-ipv4>....</c-multicast-ipv4>
  <c-multicast-ipv6>....</c-multicast-ipv6>
</instance>
</vpls-connection-information>
```

Description

<instance>

Usage

```
<vpls-statistics-information>
<instance>
  <instance-name>
    instance-name
  </instance-name>
  <instance-display-error>
    instance-display-error
  </instance-display-error>
  <reference-site>....</reference-site>
  <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
  <vpls-protocol-state>....</vpls-protocol-state>
  <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
  <provider-tunnel>....</provider-tunnel>
  <neighbor>....</neighbor>
  <c-multicast-ipv4>....</c-multicast-ipv4>
  <c-multicast-ipv6>....</c-multicast-ipv6>
</instance>
```



```
</vpls-statistics-information>
```

Description

<instance>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <instance-name>
      instance-name
    </instance-name>
    <instance-display-error>
      instance-display-error
    </instance-display-error>
    <reference-site>....</reference-site>
    <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
    <vpls-protocol-state>....</vpls-protocol-state>
    <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
    <provider-tunnel>....</provider-tunnel>
    <neighbor>....</neighbor>
    <c-multicast-ipv4>....</c-multicast-ipv4>
    <c-multicast-ipv6>....</c-multicast-ipv6>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<instance>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <instance-name>
        instance-name
      </instance-name>
      <instance-display-error>
        instance-display-error
      </instance-display-error>
      <reference-site>....</reference-site>
      <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
      <vpls-protocol-state>....</vpls-protocol-state>
      <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
      <provider-tunnel>....</provider-tunnel>
      <neighbor>....</neighbor>
      <c-multicast-ipv4>....</c-multicast-ipv4>
      <c-multicast-ipv6>....</c-multicast-ipv6>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<instance>

Usage

```
<mvpn-instance-information>
  <instance>
    <instance-name>
      instance-name
    </instance-name>
    <instance-display-error>
      instance-display-error
    </instance-display-error>
    <reference-site>....</reference-site>
    <ldp-vpls-reference-site>....</ldp-vpls-reference-site>
    <vpls-protocol-state>....</vpls-protocol-state>
    <vpls-rsvp-te-ingress-p2mp-lsp>....</vpls-rsvp-te-ingress-p2mp-lsp>
    <provider-tunnel>....</provider-tunnel>
    <neighbor>....</neighbor>
    <c-multicast-ipv4>....</c-multicast-ipv4>
    <c-multicast-ipv6>....</c-multicast-ipv6>
  </instance>
</mvpn-instance-information>
```

Description

<instance-core>

Usage

```
<instance-core>
  <instance-name>
    instance-name
  </instance-name>
  <instance-description>
    instance-description
  </instance-description>
  <router-id>
    router-id
  </router-id>
  <instance-type>
    instance-type
  </instance-type>
  <instance-state>
    instance-state
  </instance-state>
  <instance-restart-state>
    instance-restart-state
  </instance-restart-state>
  <instance-pathsels-timeout>
    instance-pathsels-timeout
  </instance-pathsels-timeout>
  <instance-rib>....</instance-rib>
  <instance-interface>....</instance-interface>
  <instance-vrf>....</instance-vrf>
</instance-core>
```

Description

<instance-core>

Usage

```

<instance-information>
  <instance-core>
    <instance-name>
      instance-name
    </instance-name>
    <instance-description>
      instance-description
    </instance-description>
    <router-id>
      router-id
    </router-id>
    <instance-type>
      instance-type
    </instance-type>
    <instance-state>
      instance-state
    </instance-state>
    <instance-restart-state>
      instance-restart-state
    </instance-restart-state>
    <instance-pathsels-timeout>
      instance-pathsels-timeout
    </instance-pathsels-timeout>
    <instance-rib>....</instance-rib>
    <instance-interface>....</instance-interface>
    <instance-vrf>....</instance-vrf>
  </instance-core>
</instance-information>

```

Description

<instance-entry>

Usage

```

<instance-entry>
  <instance-name>
    instance-name
  </instance-name>
  <ngen-mvpn-mode>
    ngen-mvpn-mode
  </ngen-mvpn-mode>
  <instance-display-error>
    instance-display-error
  </instance-display-error>
  <provider-tunnel>....</provider-tunnel>
  <neighbor>....</neighbor>
  <c-multicast-ipv4>....</c-multicast-ipv4>
  <c-multicast-ipv6>....</c-multicast-ipv6>
</instance-entry>

```

Description**<instance-entry>****Usage**

```
<mvpn-instance>
  <instance-entry>
    <instance-name>
      instance-name
    </instance-name>
    <ngen-mvpn-mode>
      ngen-mvpn-mode
    </ngen-mvpn-mode>
    <instance-display-error>
      instance-display-error
    </instance-display-error>
    <provider-tunnel>....</provider-tunnel>
    <neighbor>....</neighbor>
    <c-multicast-ipv4>....</c-multicast-ipv4>
    <c-multicast-ipv6>....</c-multicast-ipv6>
  </instance-entry>
</mvpn-instance>
```

Description**<instance-entry>****Usage**

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>
      <instance-name>
        instance-name
      </instance-name>
      <ngen-mvpn-mode>
        ngen-mvpn-mode
      </ngen-mvpn-mode>
      <instance-display-error>
        instance-display-error
      </instance-display-error>
      <provider-tunnel>....</provider-tunnel>
      <neighbor>....</neighbor>
      <c-multicast-ipv4>....</c-multicast-ipv4>
      <c-multicast-ipv6>....</c-multicast-ipv6>
    </instance-entry>
  </mvpn-instance>
</mvpn-instance-information>
```

Description**<instance-entry-summary>****Usage**

```
<instance-entry-summary>
  <neighbor-summary>....</neighbor-summary>
```

```

    <c-multicast-summary>....</c-multicast-summary>
    <c-multicast-ipv6-summary>....</c-multicast-ipv6-summary>
  </instance-entry-summary>

```

Description**<instance-entry-summary>****Usage**

```

<mvpn-instance>
  <instance-entry-summary>
    <neighbor-summary>....</neighbor-summary>
    <c-multicast-summary>....</c-multicast-summary>
    <c-multicast-ipv6-summary>....</c-multicast-ipv6-summary>
  </instance-entry-summary>
</mvpn-instance>

```

Description**<instance-entry-summary>****Usage**

```

<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry-summary>
      <neighbor-summary>....</neighbor-summary>
      <c-multicast-summary>....</c-multicast-summary>
      <c-multicast-ipv6-summary>....</c-multicast-ipv6-summary>
    </instance-entry-summary>
  </mvpn-instance>
</mvpn-instance-information>

```

Description**<instance-information>****Usage**

```

<instance-information>
  <instance-core>....</instance-core>
</instance-information>

```

Description Operational and configuration information for routing instances**<instance-interface>****Usage**

```

<instance-core>
  <instance-interface>
    <interface-name>
      interface-name
    </interface-name>
  </instance-interface>

```

```
</instance-core>
```

Description

<instance-interface>

Usage

```
<instance-interface>  
  <interface-name>  
    interface-name  
  </interface-name>  
</instance-interface>
```

Description

<instance-interface>

Usage

```
<instance-information>  
  <instance-core>  
    <instance-interface>  
      <interface-name>  
        interface-name  
      </interface-name>  
    </instance-interface>  
  </instance-core>  
</instance-information>
```

Description

<instance-rib>

Usage

```
<instance-rib>  
  <irib-name>  
    irib-name  
  </irib-name>  
  <irib-route-count>  
    irib-route-count  
  </irib-route-count>  
  <irib-active-count>  
    irib-active-count  
  </irib-active-count>  
  <irib-holddown-count>  
    irib-holddown-count  
  </irib-holddown-count>  
  <irib-hidden-count>  
    irib-hidden-count  
  </irib-hidden-count>  
  <irib-restart-state>  
    irib-restart-state  
  </irib-restart-state>  
</instance-rib>
```

Description

<instance-rib>

Usage

```

<instance-core>
  <instance-rib>
    <irib-name>
      irib-name
    </irib-name>
    <irib-route-count>
      irib-route-count
    </irib-route-count>
    <irib-active-count>
      irib-active-count
    </irib-active-count>
    <irib-holddown-count>
      irib-holddown-count
    </irib-holddown-count>
    <irib-hidden-count>
      irib-hidden-count
    </irib-hidden-count>
    <irib-restart-state>
      irib-restart-state
    </irib-restart-state>
  </instance-rib>
</instance-core>

```

Description

<instance-rib>

Usage

```

<instance-information>
  <instance-core>
    <instance-rib>
      <irib-name>
        irib-name
      </irib-name>
      <irib-route-count>
        irib-route-count
      </irib-route-count>
      <irib-active-count>
        irib-active-count
      </irib-active-count>
      <irib-holddown-count>
        irib-holddown-count
      </irib-holddown-count>
      <irib-hidden-count>
        irib-hidden-count
      </irib-hidden-count>
      <irib-restart-state>
        irib-restart-state
      </irib-restart-state>
    </instance-rib>
  </instance-core>
</instance-information>

```

```
</instance-core>
</instance-information>
```

Description

<instance-vrf>

Usage

```
<instance-core>
  <instance-vrf>
    <route-distinguisher>
      route-distinguisher
    </route-distinguisher>
    <vrf-import>
      vrf-import
    </vrf-import>
    <vrf-export>
      vrf-export
    </vrf-export>
    <vrf-import-target>
      vrf-import-target
    </vrf-import-target>
    <vrf-export-target>
      vrf-export-target
    </vrf-export-target>
    <vrf-label-allocation>
      vrf-label-allocation
    </vrf-label-allocation>
    <vrf-label-substitution>
      vrf-label-substitution
    </vrf-label-substitution>
    <fast-reroute-priority>
      fast-reroute-priority
    </fast-reroute-priority>
  </instance-vrf>
</instance-core>
```

Description

<instance-vrf>

Usage

```
<instance-vrf>
  <route-distinguisher>
    route-distinguisher
  </route-distinguisher>
  <vrf-import>
    vrf-import
  </vrf-import>
  <vrf-export>
    vrf-export
  </vrf-export>
  <vrf-import-target>
    vrf-import-target
```



```

</vrf-import-target>
<vrf-export-target>
  vrf-export-target
</vrf-export-target>
<vrf-label-allocation>
  vrf-label-allocation
</vrf-label-allocation>
<vrf-label-substitution>
  vrf-label-substitution
</vrf-label-substitution>
<fast-reroute-priority>
  fast-reroute-priority
</fast-reroute-priority>
</instance-vrf>

```

Description

<instance-vrf>

Usage

```

<instance-information>
  <instance-core>
    <instance-vrf>
      <route-distinguisher>
        route-distinguisher
      </route-distinguisher>
      <vrf-import>
        vrf-import
      </vrf-import>
      <vrf-export>
        vrf-export
      </vrf-export>
      <vrf-import-target>
        vrf-import-target
      </vrf-import-target>
      <vrf-export-target>
        vrf-export-target
      </vrf-export-target>
      <vrf-label-allocation>
        vrf-label-allocation
      </vrf-label-allocation>
      <vrf-label-substitution>
        vrf-label-substitution
      </vrf-label-substitution>
      <fast-reroute-priority>
        fast-reroute-priority
      </fast-reroute-priority>
    </instance-vrf>
  </instance-core>
</instance-information>

```

Description

<interface>

Usage

```
<interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-id>
    interface-id
  </interface-id>
  <interface-description>
    interface-description
  </interface-description>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <interface-flags>
    interface-flags
  </interface-flags>
  <interface-flags-description>
    interface-flags-description
  </interface-flags-description>
</interface>
```

Description

<interface>

Usage

```
<interface-statistics>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</interface-statistics>
```

Description

<interface>

Usage

```

<mesh-group-interfaces>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>

```

Description

<interface>

Usage

```

<instance>
  <reference-site>
    <mesh-group-interfaces>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </mesh-group-interfaces>

```

```
</reference-site>
</instance>
```

Description

<interface>

Usage

```
<instance>
<reference-site>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</reference-site>
</instance>
```

Description

<interface>

Usage

```
<instance>
<ldp-vpls-reference-site>
  <mesh-group-interfaces>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
```

```

    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>

```

Description

<interface>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </ldp-vpls-reference-site>
</instance>

```

Description

<interface>

Usage

```

<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>

```

```
    interface-id
  </interface-id>
  <interface-description>
    interface-description
  </interface-description>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <interface-flags>
    interface-flags
  </interface-flags>
  <interface-flags-description>
    interface-flags-description
  </interface-flags-description>
</interface>
</mesh-group-interfaces>
</vpls-protocol-state>
</instance>
```

Description

<interface>

Usage

```
<instance>
  <vpls-protocol-state>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </vpls-protocol-state>
</instance>
```

Description

<interface>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </reference-site>
  </vpls-protocol-state>
</instance>

```

Description

<interface>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags

```

```
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <reference-site>
    <mesh-group-interfaces>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </mesh-group-interfaces>
  </reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <reference-site>
    <interface>
      <interface-name>
        interface-name
```



```

</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<interface>

Usage

```

<l2vpn-connection-information>
<instance>
<ldp-vpls-reference-site>
<mesh-group-interfaces>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<interface>

Usage

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>
```

Description

<interface>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
```

```

        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </mesh-group-interfaces>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-interfaces>
          <interface>

```

```
<interface-name>
  interface-name
</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </reference-site>
```

```

    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<interface>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<interface>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>

```

```
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description

<interface>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description

<interface>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>

```

Description

<interface>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
        </interface>
      </mesh-group-interfaces>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

```
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<interface>

Usage

```
<vpls-connection-information>
<instance>
<vpls-protocol-state>
<interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-id>
    interface-id
  </interface-id>
  <interface-description>
    interface-description
  </interface-description>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <interface-flags>
    interface-flags
  </interface-flags>
  <interface-flags-description>
    interface-flags-description
  </interface-flags-description>
</interface>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<interface>

Usage

```
<vpls-connection-information>
<instance>
<vpls-protocol-state>
  <reference-site>
    <mesh-group-interfaces>
      <interface>
        <interface-name>
          interface-name
```



```

</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<interface>

Usage

```

<vpls-connection-information>
<instance>
<vpls-protocol-state>
<reference-site>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</reference-site>
</vpls-protocol-state>
</instance>

```

```
</vpls-connection-information>
```

Description

<interface>

Usage

```
<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </reference-site>
  </instance>
</vpls-statistics-information>
```

Description

<interface>

Usage

```
<vpls-statistics-information>
  <instance>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
```

```

<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</reference-site>
</instance>
</vpls-statistics-information>

```

Description

<interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<interface>

Usage

```

<vpls-statistics-information>

```

```
<instance>
  <ldp-vpls-reference-site>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description

<interface>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
```

```

    </mesh-group-interfaces>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description

<interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-interfaces>
          <interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-id>
              interface-id
            </interface-id>

```

```
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<interface>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<interface>

Usage

```

<vpls-statistics-information>
  <interface-statistics>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </interface-statistics>
</vpls-statistics-information>

```

Description

<interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description

```

```
        </interface-flags-description>
      </interface>
    </mesh-group-interfaces>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-interfaces>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
      </interface>
    </mesh-group-interfaces>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```



```

    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
```

```

    </interface-flags>
    <interface-flags-description>
        interface-flags-description
    </interface-flags-description>
</interface>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-interfaces>
<interface>
    <interface-name>
        interface-name
    </interface-name>
    <interface-id>
        interface-id
    </interface-id>
    <interface-description>
        interface-description
    </interface-description>
    <local-interface-index>
        local-interface-index
    </local-interface-index>
    <interface-flags>
        interface-flags
    </interface-flags>
    <interface-flags-description>
        interface-flags-description
    </interface-flags-description>
</interface>
</mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<vpls-protocol-state>
<reference-site>

```

```
<interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-id>
    interface-id
  </interface-id>
  <interface-description>
    interface-description
  </interface-description>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <interface-flags>
    interface-flags
  </interface-flags>
  <interface-flags-description>
    interface-flags-description
  </interface-flags-description>
</interface>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
```

```

    </mesh-group-interfaces>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<interface>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags
        </interface-flags>
        <interface-flags-description>
          interface-flags-description
        </interface-flags-description>
      </interface>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<interface>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>

```

```
<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

```
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
```

```
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```



```
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<interface>

Usage

```
<mvpn-instance-information>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
```

```
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</mesh-group-interfaces>
</reference-site>
</instance>
</mvpn-instance-information>
```

Description

<interface>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-id>
        interface-id
      </interface-id>
      <interface-description>
        interface-description
      </interface-description>
      <local-interface-index>
        local-interface-index
      </local-interface-index>
      <interface-flags>
        interface-flags
      </interface-flags>
      <interface-flags-description>
        interface-flags-description
      </interface-flags-description>
    </interface>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </mesh-group-interfaces>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

Description

<interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-id>
          interface-id
        </interface-id>
        <interface-description>
          interface-description
        </interface-description>
        <local-interface-index>
          local-interface-index
        </local-interface-index>
        <interface-flags>
          interface-flags

```

```
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<interface>

Usage

```
<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<mesh-group-interfaces>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<interface>

Usage

```
<mvpn-instance-information>
<instance>
<vpls-protocol-state>
  <interface>
    <interface-name>
      interface-name
```

```

</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-description>
  interface-description
</interface-description>
<local-interface-index>
  local-interface-index
</local-interface-index>
<interface-flags>
  interface-flags
</interface-flags>
<interface-flags-description>
  interface-flags-description
</interface-flags-description>
</interface>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<interface>

Usage

```

<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-interfaces>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-id>
      interface-id
    </interface-id>
    <interface-description>
      interface-description
    </interface-description>
    <local-interface-index>
      local-interface-index
    </local-interface-index>
    <interface-flags>
      interface-flags
    </interface-flags>
    <interface-flags-description>
      interface-flags-description
    </interface-flags-description>
  </interface>
</mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>

```

```
</mvpn-instance-information>
```

Description

<interface>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-id>
            interface-id
          </interface-id>
          <interface-description>
            interface-description
          </interface-description>
          <local-interface-index>
            local-interface-index
          </local-interface-index>
          <interface-flags>
            interface-flags
          </interface-flags>
          <interface-flags-description>
            interface-flags-description
          </interface-flags-description>
        </interface>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>
```

Description

<interface-level-data>

Usage

```
<interface-level-data>
  <level>
    level
  </level>
  <adjacency-count>
    adjacency-count
  </adjacency-count>
  <interface-priority>
    interface-priority
  </interface-priority>
  <metric>
    metric
  </metric>
```

```

<te-metric>
  te-metric
</te-metric>
<passive>
  passive
</passive>
<hello-time>
  hello-time
</hello-time>
<holdtime>
  holdtime
</holdtime>
<dr-id-one>
  dr-id-one
</dr-id-one>
<dr-id-two>
  dr-id-two
</dr-id-two>
<dr-flag>
  dr-flag
</dr-flag>
<isis-interface-level-topology>....</isis-interface-level-topology>
</interface-level-data>

```

Description

<interface-level-data>

Usage

```

<isis-interface>
  <interface-level-data>
    <level>
      level
    </level>
    <adjacency-count>
      adjacency-count
    </adjacency-count>
    <interface-priority>
      interface-priority
    </interface-priority>
    <metric>
      metric
    </metric>
    <te-metric>
      te-metric
    </te-metric>
    <passive>
      passive
    </passive>
    <hello-time>
      hello-time
    </hello-time>
    <holdtime>
      holdtime
    </holdtime>

```

```
<dr-id-one>
  dr-id-one
</dr-id-one>
<dr-id-two>
  dr-id-two
</dr-id-two>
<dr-flag>
  dr-flag
</dr-flag>
<isis-interface-level-topology>....</isis-interface-level-topology>
</interface-level-data>
</isis-interface>
```

Description

<interface-level-data>

Usage

```
<isis-interface-information>
<isis-interface>
  <interface-level-data>
    <level>
      level
    </level>
    <adjacency-count>
      adjacency-count
    </adjacency-count>
    <interface-priority>
      interface-priority
    </interface-priority>
    <metric>
      metric
    </metric>
    <te-metric>
      te-metric
    </te-metric>
    <passive>
      passive
    </passive>
    <hello-time>
      hello-time
    </hello-time>
    <holdtime>
      holdtime
    </holdtime>
    <dr-id-one>
      dr-id-one
    </dr-id-one>
    <dr-id-two>
      dr-id-two
    </dr-id-two>
    <dr-flag>
      dr-flag
    </dr-flag>
    <isis-interface-level-topology>....</isis-interface-level-topology>
```



```

    </interface-level-data>
  </isis-interface>
</isis-interface-information>

```

Description

<interface-statistics>

Usage

```

<interface-statistics>
  <interface>.....</interface>
  <remote-pe>
    remote-pe
  </remote-pe>
  <broadcast-packets>
    broadcast-packets
  </broadcast-packets>
  <broadcast-bytes>
    broadcast-bytes
  </broadcast-bytes>
  <multicast-packets>
    multicast-packets
  </multicast-packets>
  <multicast-bytes>
    multicast-bytes
  </multicast-bytes>
  <flooded-packets>
    flooded-packets
  </flooded-packets>
  <flooded-bytes>
    flooded-bytes
  </flooded-bytes>
  <unicast-packets>
    unicast-packets
  </unicast-packets>
  <unicast-bytes>
    unicast-bytes
  </unicast-bytes>
  <mac-limit>
    mac-limit
  </mac-limit>
  <num-mac-count>
    num-mac-count
  </num-mac-count>
</interface-statistics>

```

Description

<interface-statistics>

Usage

```

<vpls-statistics-information>
  <interface-statistics>
    <interface>.....</interface>

```

```
<remote-pe>
  remote-pe
</remote-pe>
<broadcast-packets>
  broadcast-packets
</broadcast-packets>
<broadcast-bytes>
  broadcast-bytes
</broadcast-bytes>
<multicast-packets>
  multicast-packets
</multicast-packets>
<multicast-bytes>
  multicast-bytes
</multicast-bytes>
<flooded-packets>
  flooded-packets
</flooded-packets>
<flooded-bytes>
  flooded-bytes
</flooded-bytes>
<unicast-packets>
  unicast-packets
</unicast-packets>
<unicast-bytes>
  unicast-bytes
</unicast-bytes>
<mac-limit>
  mac-limit
</mac-limit>
<num-mac-count>
  num-mac-count
</num-mac-count>
</interface-statistics>
</vpls-statistics-information>
```

Description

<ip-prefix-tlv>

Usage

```
<isis-tlv>
  <ip-prefix-tlv>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <address-prefix>
      address-prefix
    </address-prefix>
    <metric>
      metric
    </metric>
    <prefix-status>
      prefix-status
    </prefix-status>
```

```

    <subtlv-size>
      subtlv-size
    </subtlv-size>
    <isis-prefix-subtlv>....</isis-prefix-subtlv>
  </ip-prefix-tlv>
</isis-tlv>

```

Description

<ip-prefix-tlv>

Usage

```

<isis-database-entry>
  <isis-tlv>
    <ip-prefix-tlv>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <address-prefix>
        address-prefix
      </address-prefix>
      <metric>
        metric
      </metric>
      <prefix-status>
        prefix-status
      </prefix-status>
      <subtlv-size>
        subtlv-size
      </subtlv-size>
      <isis-prefix-subtlv>....</isis-prefix-subtlv>
    </ip-prefix-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description

<ip-prefix-tlv>

Usage

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ip-prefix-tlv>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
        <address-prefix>
          address-prefix
        </address-prefix>
        <metric>
          metric
        </metric>
        <prefix-status>

```

```
    prefix-status
  </prefix-status>
  <subtlv-size>
    subtlv-size
  </subtlv-size>
  <isis-prefix-subtlv>....</isis-prefix-subtlv>
</ip-prefix-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<ip-prefix-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ip-prefix-tlv>
          <isis-topology-id>
            isis-topology-id
          </isis-topology-id>
          <address-prefix>
            address-prefix
          </address-prefix>
          <metric>
            metric
          </metric>
          <prefix-status>
            prefix-status
          </prefix-status>
          <subtlv-size>
            subtlv-size
          </subtlv-size>
          <isis-prefix-subtlv>....</isis-prefix-subtlv>
        </ip-prefix-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<ipaddress-tlv>

Usage

```
<isis-tlv>
  <ipaddress-tlv>
    <address>
      address
    </address>
  </ipaddress-tlv>
```

```
</isis-tlv>
```

Description

<ipaddress-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <ipaddress-tlv>
      <address>
        address
      </address>
    </ipaddress-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<ipaddress-tlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ipaddress-tlv>
        <address>
          address
        </address>
      </ipaddress-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<ipaddress-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ipaddress-tlv>
          <address>
            address
          </address>
        </ipaddress-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<ipv6-ra-advertisement>

Usage

```
<ipv6-ra-interface>
  <ipv6-ra-advertisement>
    <ipv6-source-address>
      ipv6-source-address
    </ipv6-source-address>
    <ipv6-ra-time-since>
      ipv6-ra-time-since
    </ipv6-ra-time-since>
    <ipv6-ra-managed-flag>
      ipv6-ra-managed-flag
    </ipv6-ra-managed-flag>
    <ipv6-ra-managed-flag-conflict>
      ipv6-ra-managed-flag-conflict
    </ipv6-ra-managed-flag-conflict>
    <ipv6-ra-other-config-flag>
      ipv6-ra-other-config-flag
    </ipv6-ra-other-config-flag>
    <ipv6-ra-other-config-flag-conflict>
      ipv6-ra-other-config-flag-conflict
    </ipv6-ra-other-config-flag-conflict>
    <ipv6-ra-link-mtu>
      ipv6-ra-link-mtu
    </ipv6-ra-link-mtu>
    <ipv6-ra-link-mtu-conflict>
      ipv6-ra-link-mtu-conflict
    </ipv6-ra-link-mtu-conflict>
    <ipv6-ra-reachable-time>
      ipv6-ra-reachable-time
    </ipv6-ra-reachable-time>
    <ipv6-ra-reachable-time-conflict>
      ipv6-ra-reachable-time-conflict
    </ipv6-ra-reachable-time-conflict>
    <ipv6-ra-default-lifetime>
      ipv6-ra-default-lifetime
    </ipv6-ra-default-lifetime>
    <ipv6-ra-default-lifetime-conflict>
      ipv6-ra-default-lifetime-conflict
    </ipv6-ra-default-lifetime-conflict>
    <ipv6-ra-retransmit-timer>
      ipv6-ra-retransmit-timer
    </ipv6-ra-retransmit-timer>
    <ipv6-ra-retransmit-timer-conflict>
      ipv6-ra-retransmit-timer-conflict
    </ipv6-ra-retransmit-timer-conflict>
    <ipv6-ra-current-hop-limit>
      ipv6-ra-current-hop-limit
    </ipv6-ra-current-hop-limit>
    <ipv6-ra-current-hop-limit-conflict>
      ipv6-ra-current-hop-limit-conflict
    </ipv6-ra-current-hop-limit-conflict>
    <ipv6-ra-prefix>....</ipv6-ra-prefix>
```

```

    </ipv6-ra-advertisement>
  </ipv6-ra-interface>

```

Description

<ipv6-ra-advertisement>

Usage

```

<ipv6-ra-information>
  <ipv6-ra-interface>
    <ipv6-ra-advertisement>
      <ipv6-source-address>
        ipv6-source-address
      </ipv6-source-address>
      <ipv6-ra-time-since>
        ipv6-ra-time-since
      </ipv6-ra-time-since>
      <ipv6-ra-managed-flag>
        ipv6-ra-managed-flag
      </ipv6-ra-managed-flag>
      <ipv6-ra-managed-flag-conflict>
        ipv6-ra-managed-flag-conflict
      </ipv6-ra-managed-flag-conflict>
      <ipv6-ra-other-config-flag>
        ipv6-ra-other-config-flag
      </ipv6-ra-other-config-flag>
      <ipv6-ra-other-config-flag-conflict>
        ipv6-ra-other-config-flag-conflict
      </ipv6-ra-other-config-flag-conflict>
      <ipv6-ra-link-mtu>
        ipv6-ra-link-mtu
      </ipv6-ra-link-mtu>
      <ipv6-ra-link-mtu-conflict>
        ipv6-ra-link-mtu-conflict
      </ipv6-ra-link-mtu-conflict>
      <ipv6-ra-reachable-time>
        ipv6-ra-reachable-time
      </ipv6-ra-reachable-time>
      <ipv6-ra-reachable-time-conflict>
        ipv6-ra-reachable-time-conflict
      </ipv6-ra-reachable-time-conflict>
      <ipv6-ra-default-lifetime>
        ipv6-ra-default-lifetime
      </ipv6-ra-default-lifetime>
      <ipv6-ra-default-lifetime-conflict>
        ipv6-ra-default-lifetime-conflict
      </ipv6-ra-default-lifetime-conflict>
      <ipv6-ra-retransmit-timer>
        ipv6-ra-retransmit-timer
      </ipv6-ra-retransmit-timer>
      <ipv6-ra-retransmit-timer-conflict>
        ipv6-ra-retransmit-timer-conflict
      </ipv6-ra-retransmit-timer-conflict>
      <ipv6-ra-current-hop-limit>
        ipv6-ra-current-hop-limit

```

```
</ipv6-ra-current-hop-limit>
<ipv6-ra-current-hop-limit-conflict>
  ipv6-ra-current-hop-limit-conflict
</ipv6-ra-current-hop-limit-conflict>
<ipv6-ra-prefix>....</ipv6-ra-prefix>
</ipv6-ra-advertisement>
</ipv6-ra-interface>
</ipv6-ra-information>
```

Description

<ipv6-ra-information>

Usage

```
<ipv6-ra-information>
  <ipv6-ra-interface>....</ipv6-ra-interface>
</ipv6-ra-information>
```

Description

<ipv6-ra-interface>

Usage

```
<ipv6-ra-interface>
  <interface-name>
    interface-name
  </interface-name>
  <ipv6-ra-advertisements-sent>
    ipv6-ra-advertisements-sent
  </ipv6-ra-advertisements-sent>
  <ipv6-ra-advertisement-sent-time>
    ipv6-ra-advertisement-sent-time
  </ipv6-ra-advertisement-sent-time>
  <ipv6-ra-solicits-received>
    ipv6-ra-solicits-received
  </ipv6-ra-solicits-received>
  <ipv6-ra-solicit-receive-time>
    ipv6-ra-solicit-receive-time
  </ipv6-ra-solicit-receive-time>
  <ipv6-ra-advertisements-received>
    ipv6-ra-advertisements-received
  </ipv6-ra-advertisements-received>
  <vrrp-group>....</vrrp-group>
  <ipv6-ra-advertisement>....</ipv6-ra-advertisement>
</ipv6-ra-interface>
```

Description

<ipv6-ra-interface>

Usage

```
<ipv6-ra-information>
  <ipv6-ra-interface>
    <interface-name>
```



```

    interface-name
  </interface-name>
  <ipv6-ra-advertisements-sent>
    ipv6-ra-advertisements-sent
  </ipv6-ra-advertisements-sent>
  <ipv6-ra-advertisement-sent-time>
    ipv6-ra-advertisement-sent-time
  </ipv6-ra-advertisement-sent-time>
  <ipv6-ra-solicits-received>
    ipv6-ra-solicits-received
  </ipv6-ra-solicits-received>
  <ipv6-ra-solicit-receive-time>
    ipv6-ra-solicit-receive-time
  </ipv6-ra-solicit-receive-time>
  <ipv6-ra-advertisements-received>
    ipv6-ra-advertisements-received
  </ipv6-ra-advertisements-received>
  <vrrp-group>....</vrrp-group>
  <ipv6-ra-advertisement>....</ipv6-ra-advertisement>
</ipv6-ra-interface>
</ipv6-ra-information>

```

Description

<ipv6-ra-prefix>

Usage

```

<ipv6-ra-interface>
  <ipv6-ra-advertisement>
    <ipv6-ra-prefix>
      <ipv6-ra-prefix-address>
        ipv6-ra-prefix-address
      </ipv6-ra-prefix-address>
      <ipv6-ra-prefix-valid-lifetime>
        ipv6-ra-prefix-valid-lifetime
      </ipv6-ra-prefix-valid-lifetime>
      <ipv6-ra-prefix-valid-lifetime-conflict>
        ipv6-ra-prefix-valid-lifetime-conflict
      </ipv6-ra-prefix-valid-lifetime-conflict>
      <ipv6-ra-prefix-preferred-lifetime>
        ipv6-ra-prefix-preferred-lifetime
      </ipv6-ra-prefix-preferred-lifetime>
      <ipv6-ra-prefix-preferred-lifetime-conflict>
        ipv6-ra-prefix-preferred-lifetime-conflict
      </ipv6-ra-prefix-preferred-lifetime-conflict>
      <ipv6-ra-prefix-on-link>
        ipv6-ra-prefix-on-link
      </ipv6-ra-prefix-on-link>
      <ipv6-ra-prefix-on-link-conflict>
        ipv6-ra-prefix-on-link-conflict
      </ipv6-ra-prefix-on-link-conflict>
      <ipv6-ra-prefix-autonomous>
        ipv6-ra-prefix-autonomous
      </ipv6-ra-prefix-autonomous>
      <ipv6-ra-prefix-autonomous-conflict>

```

```
        ipv6-ra-prefix-autonomous-conflict
      </ipv6-ra-prefix-autonomous-conflict>
    </ipv6-ra-prefix>
  </ipv6-ra-advertisement>
</ipv6-ra-interface>
```

Description

<ipv6-ra-prefix>

Usage

```
<ipv6-ra-information>
  <ipv6-ra-interface>
    <ipv6-ra-advertisement>
      <ipv6-ra-prefix>
        <ipv6-ra-prefix-address>
          ipv6-ra-prefix-address
        </ipv6-ra-prefix-address>
        <ipv6-ra-prefix-valid-lifetime>
          ipv6-ra-prefix-valid-lifetime
        </ipv6-ra-prefix-valid-lifetime>
        <ipv6-ra-prefix-valid-lifetime-conflict>
          ipv6-ra-prefix-valid-lifetime-conflict
        </ipv6-ra-prefix-valid-lifetime-conflict>
        <ipv6-ra-prefix-preferred-lifetime>
          ipv6-ra-prefix-preferred-lifetime
        </ipv6-ra-prefix-preferred-lifetime>
        <ipv6-ra-prefix-preferred-lifetime-conflict>
          ipv6-ra-prefix-preferred-lifetime-conflict
        </ipv6-ra-prefix-preferred-lifetime-conflict>
        <ipv6-ra-prefix-on-link>
          ipv6-ra-prefix-on-link
        </ipv6-ra-prefix-on-link>
        <ipv6-ra-prefix-on-link-conflict>
          ipv6-ra-prefix-on-link-conflict
        </ipv6-ra-prefix-on-link-conflict>
        <ipv6-ra-prefix-autonomous>
          ipv6-ra-prefix-autonomous
        </ipv6-ra-prefix-autonomous>
        <ipv6-ra-prefix-autonomous-conflict>
          ipv6-ra-prefix-autonomous-conflict
        </ipv6-ra-prefix-autonomous-conflict>
      </ipv6-ra-prefix>
    </ipv6-ra-advertisement>
  </ipv6-ra-interface>
</ipv6-ra-information>
```

Description

<ipv6-reachability-tlv>

Usage

```
<isis-tlv>
  <ipv6-reachability-tlv>
```

```

<isis-topology-id>
  isis-topology-id
</isis-topology-id>
<ipv6-address>
  ipv6-address
</ipv6-address>
<metric>
  metric
</metric>
<prefix-extern>
  prefix-extern
</prefix-extern>
<prefix-downflag>
  prefix-downflag
</prefix-downflag>
<subtlv-size>
  subtlv-size
</subtlv-size>
<isis-prefix-subtlv>....</isis-prefix-subtlv>
</ipv6-reachability-tlv>
</isis-tlv>

```

Description

<ipv6-reachability-tlv>

Usage

```

<isis-database-entry>
<isis-tlv>
  <ipv6-reachability-tlv>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <ipv6-address>
      ipv6-address
    </ipv6-address>
    <metric>
      metric
    </metric>
    <prefix-extern>
      prefix-extern
    </prefix-extern>
    <prefix-downflag>
      prefix-downflag
    </prefix-downflag>
    <subtlv-size>
      subtlv-size
    </subtlv-size>
    <isis-prefix-subtlv>....</isis-prefix-subtlv>
  </ipv6-reachability-tlv>
</isis-tlv>
</isis-database-entry>

```

Description

<ipv6-reachability-tlv>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-tlv>
    <ipv6-reachability-tlv>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <ipv6-address>
        ipv6-address
      </ipv6-address>
      <metric>
        metric
      </metric>
      <prefix-extern>
        prefix-extern
      </prefix-extern>
      <prefix-downflag>
        prefix-downflag
      </prefix-downflag>
      <subtlv-size>
        subtlv-size
      </subtlv-size>
      <isis-prefix-subtlv>....</isis-prefix-subtlv>
    </ipv6-reachability-tlv>
  </isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<ipv6-reachability-tlv>

Usage

```
<isis-database-information>
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ipv6-reachability-tlv>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
        <ipv6-address>
          ipv6-address
        </ipv6-address>
        <metric>
          metric
        </metric>
        <prefix-extern>
          prefix-extern
        </prefix-extern>
        <prefix-downflag>
          prefix-downflag
```

```

        </prefix-downflag>
        <subtlv-size>
            subtlv-size
        </subtlv-size>
        <isis-prefix-subtlv>.....</isis-prefix-subtlv>
    </ipv6-reachability-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description**<ipv6address-tlv>****Usage**

```

<isis-tlv>
  <ipv6address-tlv>
    <address>
      address
    </address>
  </ipv6address-tlv>
</isis-tlv>

```

Description**<ipv6address-tlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <ipv6address-tlv>
      <address>
        address
      </address>
    </ipv6address-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<ipv6address-tlv>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ipv6address-tlv>
        <address>
          address
        </address>
      </ipv6address-tlv>
    </isis-tlv>
  </isis-database-entry>

```

```
</isis-database>
```

Description

<ipv6address-tlv>

Usage

```
<isis-database-information>  
  <isis-database>  
    <isis-database-entry>  
      <isis-tlv>  
        <ipv6address-tlv>  
          <address>  
            address  
          </address>  
        </ipv6address-tlv>  
      </isis-tlv>  
    </isis-database-entry>  
  </isis-database>  
</isis-database-information>
```

Description

<ir-tunnel>

Usage

```
<ir-tunnel>  
  <ir-tunnel-entry>....</ir-tunnel-entry>  
</ir-tunnel>
```

Description

<ir-tunnel>

Usage

```
<ingress-replication-information>  
  <ir-tunnel>  
    <ir-tunnel-entry>....</ir-tunnel-entry>  
  </ir-tunnel>  
</ingress-replication-information>
```

Description

<ir-tunnel-entry>

Usage

```
<ir-tunnel-entry>  
  <ir-tunnel-name>  
    ir-tunnel-name  
  </ir-tunnel-name>  
  <ir-tunnel-application>  
    ir-tunnel-application  
  </ir-tunnel-application>
```

```
<ir-unicast-tunnel>....</ir-unicast-tunnel>
</ir-tunnel-entry>
```

Description

<ir-tunnel-entry>

Usage

```
<ir-tunnel>
  <ir-tunnel-entry>
    <ir-tunnel-name>
      ir-tunnel-name
    </ir-tunnel-name>
    <ir-tunnel-application>
      ir-tunnel-application
    </ir-tunnel-application>
    <ir-unicast-tunnel>....</ir-unicast-tunnel>
  </ir-tunnel-entry>
</ir-tunnel>
```

Description

<ir-tunnel-entry>

Usage

```
<ingress-replication-information>
  <ir-tunnel>
    <ir-tunnel-entry>
      <ir-tunnel-name>
        ir-tunnel-name
      </ir-tunnel-name>
      <ir-tunnel-application>
        ir-tunnel-application
      </ir-tunnel-application>
      <ir-unicast-tunnel>....</ir-unicast-tunnel>
    </ir-tunnel-entry>
  </ir-tunnel>
</ingress-replication-information>
```

Description

<ir-unicast-tunnel>

Usage

```
<ir-unicast-tunnel>
  <ir-unicast-tunnel-entry>....</ir-unicast-tunnel-entry>
</ir-unicast-tunnel>
```

Description

<ir-unicast-tunnel>**Usage**

```
<ir-tunnel-entry>
  <ir-unicast-tunnel>
    <ir-unicast-tunnel-entry>....</ir-unicast-tunnel-entry>
  </ir-unicast-tunnel>
</ir-tunnel-entry>
```

Description**<ir-unicast-tunnel>****Usage**

```
<ir-tunnel>
  <ir-tunnel-entry>
    <ir-unicast-tunnel>
      <ir-unicast-tunnel-entry>....</ir-unicast-tunnel-entry>
    </ir-unicast-tunnel>
  </ir-tunnel-entry>
</ir-tunnel>
```

Description**<ir-unicast-tunnel>****Usage**

```
<ingress-replication-information>
  <ir-tunnel>
    <ir-tunnel-entry>
      <ir-unicast-tunnel>
        <ir-unicast-tunnel-entry>....</ir-unicast-tunnel-entry>
      </ir-unicast-tunnel>
    </ir-tunnel-entry>
  </ir-tunnel>
</ingress-replication-information>
```

Description**<ir-unicast-tunnel>****Usage**

```
<ingress-replication-information>
  <ir-unicast-tunnel>
    <ir-unicast-tunnel-entry>....</ir-unicast-tunnel-entry>
  </ir-unicast-tunnel>
</ingress-replication-information>
```

Description

<ir-unicast-tunnel-entry>**Usage**

```

<ir-unicast-tunnel-entry>
  <ir-unicast-tunnel-dst>
    ir-unicast-tunnel-dst
  </ir-unicast-tunnel-dst>
  <ir-unicast-tunnel-type>
    ir-unicast-tunnel-type
  </ir-unicast-tunnel-type>
  <ir-unicast-tunnel-mode>
    ir-unicast-tunnel-mode
  </ir-unicast-tunnel-mode>
  <ir-unicast-tunnel-state>
    ir-unicast-tunnel-state
  </ir-unicast-tunnel-state>
</ir-unicast-tunnel-entry>

```

Description**<ir-unicast-tunnel-entry>****Usage**

```

<ir-unicast-tunnel>
  <ir-unicast-tunnel-entry>
    <ir-unicast-tunnel-dst>
      ir-unicast-tunnel-dst
    </ir-unicast-tunnel-dst>
    <ir-unicast-tunnel-type>
      ir-unicast-tunnel-type
    </ir-unicast-tunnel-type>
    <ir-unicast-tunnel-mode>
      ir-unicast-tunnel-mode
    </ir-unicast-tunnel-mode>
    <ir-unicast-tunnel-state>
      ir-unicast-tunnel-state
    </ir-unicast-tunnel-state>
  </ir-unicast-tunnel-entry>
</ir-unicast-tunnel>

```

Description**<ir-unicast-tunnel-entry>****Usage**

```

<ir-tunnel-entry>
  <ir-unicast-tunnel>
    <ir-unicast-tunnel-entry>
      <ir-unicast-tunnel-dst>
        ir-unicast-tunnel-dst
      </ir-unicast-tunnel-dst>
      <ir-unicast-tunnel-type>
        ir-unicast-tunnel-type
      </ir-unicast-tunnel-type>
    </ir-unicast-tunnel-entry>
  </ir-unicast-tunnel>

```

```
<ir-unicast-tunnel-mode>
  ir-unicast-tunnel-mode
</ir-unicast-tunnel-mode>
<ir-unicast-tunnel-state>
  ir-unicast-tunnel-state
</ir-unicast-tunnel-state>
</ir-unicast-tunnel-entry>
</ir-unicast-tunnel>
</ir-tunnel-entry>
```

Description

<ir-unicast-tunnel-entry>

Usage

```
<ir-tunnel>
<ir-tunnel-entry>
<ir-unicast-tunnel>
  <ir-unicast-tunnel-entry>
    <ir-unicast-tunnel-dst>
      ir-unicast-tunnel-dst
    </ir-unicast-tunnel-dst>
    <ir-unicast-tunnel-type>
      ir-unicast-tunnel-type
    </ir-unicast-tunnel-type>
    <ir-unicast-tunnel-mode>
      ir-unicast-tunnel-mode
    </ir-unicast-tunnel-mode>
    <ir-unicast-tunnel-state>
      ir-unicast-tunnel-state
    </ir-unicast-tunnel-state>
  </ir-unicast-tunnel-entry>
</ir-unicast-tunnel>
</ir-tunnel-entry>
</ir-tunnel>
```

Description

<ir-unicast-tunnel-entry>

Usage

```
<ingress-replication-information>
<ir-tunnel>
<ir-tunnel-entry>
<ir-unicast-tunnel>
  <ir-unicast-tunnel-entry>
    <ir-unicast-tunnel-dst>
      ir-unicast-tunnel-dst
    </ir-unicast-tunnel-dst>
    <ir-unicast-tunnel-type>
      ir-unicast-tunnel-type
    </ir-unicast-tunnel-type>
    <ir-unicast-tunnel-mode>
      ir-unicast-tunnel-mode
```

```

        </ir-unicast-tunnel-mode>
        <ir-unicast-tunnel-state>
            ir-unicast-tunnel-state
        </ir-unicast-tunnel-state>
    </ir-unicast-tunnel-entry>
</ir-unicast-tunnel>
</ir-tunnel-entry>
</ir-tunnel>
</ingress-replication-information>

```

Description

<ir-unicast-tunnel-entry>

Usage

```

<ingress-replication-information>
<ir-unicast-tunnel>
  <ir-unicast-tunnel-entry>
    <ir-unicast-tunnel-dst>
        ir-unicast-tunnel-dst
    </ir-unicast-tunnel-dst>
    <ir-unicast-tunnel-type>
        ir-unicast-tunnel-type
    </ir-unicast-tunnel-type>
    <ir-unicast-tunnel-mode>
        ir-unicast-tunnel-mode
    </ir-unicast-tunnel-mode>
    <ir-unicast-tunnel-state>
        ir-unicast-tunnel-state
    </ir-unicast-tunnel-state>
  </ir-unicast-tunnel-entry>
</ir-unicast-tunnel>
</ingress-replication-information>

```

Description

<is-reachability>

Usage

```

<isis-database-local>
<isis-database-local-entry>
  <isis-database-local-data>
    <is-reachability>
      <isis-fragment>
          isis-fragment
      </isis-fragment>
      <isis-topology-id>
          isis-topology-id
      </isis-topology-id>
      <is-neighbor-id>
          is-neighbor-id
      </is-neighbor-id>
      <flags>
          flags

```

```
</flags>
<isis-pseudonode>
  isis-pseudonode
</isis-pseudonode>
<interface-name>
  interface-name
</interface-name>
<metric>
  metric
</metric>
<subtlv-size>
  subtlv-size
</subtlv-size>
<srlgtlv-size>
  srlgtlv-size
</srlgtlv-size>
<te-metric>
  te-metric
</te-metric>
<local-address>
  local-address
</local-address>
<remote-address>
  remote-address
</remote-address>
<local-ifindex>
  local-ifindex
</local-ifindex>
<remote-ifindex>
  remote-ifindex
</remote-ifindex>
<level>
  level
</level>
</is-reachability>
</isis-database-local-data>
</isis-database-local-entry>
</isis-database-local>
```

Description

<is-reachability>

Usage

```
<isis-database-local-information>
<isis-database-local>
<isis-database-local-entry>
<isis-database-local-data>
  <is-reachability>
    <isis-fragment>
      isis-fragment
    </isis-fragment>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
```

```

<is-neighbor-id>
  is-neighbor-id
</is-neighbor-id>
<flags>
  flags
</flags>
<isis-pseudonode>
  isis-pseudonode
</isis-pseudonode>
<interface-name>
  interface-name
</interface-name>
<metric>
  metric
</metric>
<subtlv-size>
  subtlv-size
</subtlv-size>
<srlgtlv-size>
  srlgtlv-size
</srlgtlv-size>
<te-metric>
  te-metric
</te-metric>
<local-address>
  local-address
</local-address>
<remote-address>
  remote-address
</remote-address>
<local-ifindex>
  local-ifindex
</local-ifindex>
<remote-ifindex>
  remote-ifindex
</remote-ifindex>
<level>
  level
</level>
</is-reachability>
</isis-database-local-data>
</isis-database-local-entry>
</isis-database-local>
</isis-database-local-information>

```

Description

<isis-adjacency>

Usage

```

<isis-adjacency>
  <interface-name>
    interface-name
  </interface-name>
  <system-name>

```

```
    system-name
  </system-name>
  <not-remote-address>
    not-remote-address
  </not-remote-address>
  <level>
    level
  </level>
  <adjacency-state>
    adjacency-state
  </adjacency-state>
  <holdtime>
    holdtime
  </holdtime>
  <interface-priority>
    interface-priority
  </interface-priority>
  <transition-count>
    transition-count
  </transition-count>
  <last-transition-time>
    last-transition-time
  </last-transition-time>
  <circuit-type>
    circuit-type
  </circuit-type>
  <adjacency-restart-capable>
    adjacency-restart-capable
  </adjacency-restart-capable>
  <adjacency-advertisement>
    adjacency-advertisement
  </adjacency-advertisement>
  <adjacency-flag>
    adjacency-flag
  </adjacency-flag>
  <adjacency-topologies>
    adjacency-topologies
  </adjacency-topologies>
  <mac-address>
    mac-address
  </mac-address>
  <lan-id>
    lan-id
  </lan-id>
  <ip-address>
    ip-address
  </ip-address>
  <ipv6-address>
    ipv6-address
  </ipv6-address>
  <snpa>
    snpa
  </snpa>
  <isis-adjacency-log>....</isis-adjacency-log>
</isis-adjacency>
```

Description

<isis-adjacency>

Usage

```

<isis-adjacency-information>
  <isis-adjacency>
    <interface-name>
      interface-name
    </interface-name>
    <system-name>
      system-name
    </system-name>
    <not-remote-address>
      not-remote-address
    </not-remote-address>
    <level>
      level
    </level>
    <adjacency-state>
      adjacency-state
    </adjacency-state>
    <holdtime>
      holdtime
    </holdtime>
    <interface-priority>
      interface-priority
    </interface-priority>
    <transition-count>
      transition-count
    </transition-count>
    <last-transition-time>
      last-transition-time
    </last-transition-time>
    <circuit-type>
      circuit-type
    </circuit-type>
    <adjacency-restart-capable>
      adjacency-restart-capable
    </adjacency-restart-capable>
    <adjacency-advertisement>
      adjacency-advertisement
    </adjacency-advertisement>
    <adjacency-flag>
      adjacency-flag
    </adjacency-flag>
    <adjacency-topologies>
      adjacency-topologies
    </adjacency-topologies>
    <mac-address>
      mac-address
    </mac-address>
    <lan-id>
      lan-id
    </lan-id>
    <ip-address>

```

```
    ip-address
  </ip-address>
  <ipv6-address>
    ipv6-address
  </ipv6-address>
  <snpa>
    snpa
  </snpa>
  <isis-adjacency-log>....</isis-adjacency-log>
</isis-adjacency>
</isis-adjacency-information>
```

Description

<isis-adjacency-information>

Usage

```
<isis-adjacency-information>
  <isis-adjacency>....</isis-adjacency>
</isis-adjacency-information>
```

Description

<isis-adjacency-log>

Usage

```
<isis-adjacency>
  <isis-adjacency-log>
    <adjacency-when>
      adjacency-when
    </adjacency-when>
    <adjacency-state>
      adjacency-state
    </adjacency-state>
    <adjacency-event>
      adjacency-event
    </adjacency-event>
    <adjacency-down-reason>
      adjacency-down-reason
    </adjacency-down-reason>
  </isis-adjacency-log>
</isis-adjacency>
```

Description Entry describing adjacency transition

<isis-adjacency-log>

Usage

```
<isis-adjacency-information>
  <isis-adjacency>
    <isis-adjacency-log>
      <adjacency-when>
        adjacency-when
```



```

</adjacency-when>
<adjacency-state>
  adjacency-state
</adjacency-state>
<adjacency-event>
  adjacency-event
</adjacency-event>
<adjacency-down-reason>
  adjacency-down-reason
</adjacency-down-reason>
</isis-adjacency-log>
</isis-adjacency>
</isis-adjacency-information>

```

Description Entry describing adjacency transition

<isis-authentication-information>

Usage

```

<isis-authentication-information>
  <isis-interface-authentication>.....</isis-interface-authentication>
  <isis-lsp-authentication>.....</isis-lsp-authentication>
</isis-authentication-information>

```

Description ISIS authentication information

<isis-backup-coverage>

Usage

```

<isis-backup-coverage>
  <isis-topology-id>
    isis-topology-id
  </isis-topology-id>
  <level>
    level
  </level>
  <isis-node-coverage>
    isis-node-coverage
  </isis-node-coverage>
  <isis-route-coverage-ipv4>
    isis-route-coverage-ipv4
  </isis-route-coverage-ipv4>
  <isis-route-coverage-ipv6>
    isis-route-coverage-ipv6
  </isis-route-coverage-ipv6>
  <isis-route-coverage-clns>
    isis-route-coverage-clns
  </isis-route-coverage-clns>
</isis-backup-coverage>

```

Description

<isis-backup-coverage>

Usage

```
<isis-backup-coverage-information>
  <isis-backup-coverage>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <level>
      level
    </level>
    <isis-node-coverage>
      isis-node-coverage
    </isis-node-coverage>
    <isis-route-coverage-ipv4>
      isis-route-coverage-ipv4
    </isis-route-coverage-ipv4>
    <isis-route-coverage-ipv6>
      isis-route-coverage-ipv6
    </isis-route-coverage-ipv6>
    <isis-route-coverage-clns>
      isis-route-coverage-clns
    </isis-route-coverage-clns>
  </isis-backup-coverage>
</isis-backup-coverage-information>
```

Description

<isis-backup-coverage-information>

Usage

```
<isis-backup-coverage-information>
  <isis-backup-coverage>....</isis-backup-coverage>
</isis-backup-coverage-information>
```

Description ISIS backup coverage information

<isis-backup-mpls>

Usage

```
<isis-backup-mpls>
  <lsp-name>
    lsp-name
  </lsp-name>
  <lsp-status>
    lsp-status
  </lsp-status>
  <lsp-addr>
    lsp-addr
  </lsp-addr>
  <metric>
    metric
  </metric>
```

```

<te-metric>
  te-metric
</te-metric>
<lsp-last-change>
  lsp-last-change
</lsp-last-change>
<lsp-refcount>
  lsp-refcount
</lsp-refcount>
</isis-backup-mplsp>

```

Description

<isis-backup-mplsp>

Usage

```

<isis-backup-mplsp-information>
  <isis-backup-mplsp>
    <lsp-name>
      lsp-name
    </lsp-name>
    <lsp-status>
      lsp-status
    </lsp-status>
    <lsp-addr>
      lsp-addr
    </lsp-addr>
    <metric>
      metric
    </metric>
    <te-metric>
      te-metric
    </te-metric>
    <lsp-last-change>
      lsp-last-change
    </lsp-last-change>
    <lsp-refcount>
      lsp-refcount
    </lsp-refcount>
  </isis-backup-mplsp>
</isis-backup-mplsp-information>

```

Description

<isis-backup-mplsp-information>

Usage

```

<isis-backup-mplsp-information>
  <isis-backup-mplsp>....</isis-backup-mplsp>
</isis-backup-mplsp-information>

```

Description ISIS backup MPLSP information

<isis-backup-spf-result>

Usage

```
<isis-overview>
<isis-spf-information>
  <isis-spf>
    <isis-backup-spf-result>
      <node-id>
        node-id
      </node-id>
      <node-address>
        node-address
      </node-address>
      <no-first-fragment>
        no-first-fragment
      </no-first-fragment>
      <backup-root>
        backup-root
      </backup-root>
      <backup-root-metric>
        backup-root-metric
      </backup-root-metric>
      <metric>
        metric
      </metric>
      <backup-root-preference>
        backup-root-preference
      </backup-root-preference>
      <track-item>
        track-item
      </track-item>
      <next-hop-element>....</next-hop-element>
      <backup-next-hop-element>....</backup-next-hop-element>
      <no-coverage-reason>
        no-coverage-reason
      </no-coverage-reason>
    </isis-backup-spf-result>
  </isis-spf>
</isis-spf-information>
</isis-overview>
```

Description

<isis-backup-spf-result>

Usage

```
<isis-overview-information>
<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-backup-spf-result>
        <node-id>
          node-id
        </node-id>
        <node-address>
```

```

    node-address
  </node-address>
  <no-first-fragment>
    no-first-fragment
  </no-first-fragment>
  <backup-root>
    backup-root
  </backup-root>
  <backup-root-metric>
    backup-root-metric
  </backup-root-metric>
  <metric>
    metric
  </metric>
  <backup-root-preference>
    backup-root-preference
  </backup-root-preference>
  <track-item>
    track-item
  </track-item>
  <next-hop-element>....</next-hop-element>
  <backup-next-hop-element>....</backup-next-hop-element>
  <no-coverage-reason>
    no-coverage-reason
  </no-coverage-reason>
  </isis-backup-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>

```

Description

<isis-backup-spf-result>

Usage

```

<isis-backup-spf-result>
  <node-id>
    node-id
  </node-id>
  <node-address>
    node-address
  </node-address>
  <no-first-fragment>
    no-first-fragment
  </no-first-fragment>
  <backup-root>
    backup-root
  </backup-root>
  <backup-root-metric>
    backup-root-metric
  </backup-root-metric>
  <metric>
    metric
  </metric>

```

```
<backup-root-preference>
  backup-root-preference
</backup-root-preference>
<track-item>
  track-item
</track-item>
<next-hop-element>....</next-hop-element>
<backup-next-hop-element>....</backup-next-hop-element>
<no-coverage-reason>
  no-coverage-reason
</no-coverage-reason>
</isis-backup-spf-result>
```

Description

<isis-backup-spf-result>

Usage

```
<isis-spf>
<isis-backup-spf-result>
  <node-id>
    node-id
  </node-id>
  <node-address>
    node-address
  </node-address>
  <no-first-fragment>
    no-first-fragment
  </no-first-fragment>
  <backup-root>
    backup-root
  </backup-root>
  <backup-root-metric>
    backup-root-metric
  </backup-root-metric>
  <metric>
    metric
  </metric>
  <backup-root-preference>
    backup-root-preference
  </backup-root-preference>
  <track-item>
    track-item
  </track-item>
  <next-hop-element>....</next-hop-element>
  <backup-next-hop-element>....</backup-next-hop-element>
  <no-coverage-reason>
    no-coverage-reason
  </no-coverage-reason>
</isis-backup-spf-result>
</isis-spf>
```

Description

<isis-backup-spf-result>**Usage**

```

<isis-spf-information>
  <isis-spf>
    <isis-backup-spf-result>
      <node-id>
        node-id
      </node-id>
      <node-address>
        node-address
      </node-address>
      <no-first-fragment>
        no-first-fragment
      </no-first-fragment>
      <backup-root>
        backup-root
      </backup-root>
      <backup-root-metric>
        backup-root-metric
      </backup-root-metric>
      <metric>
        metric
      </metric>
      <backup-root-preference>
        backup-root-preference
      </backup-root-preference>
      <track-item>
        track-item
      </track-item>
      <next-hop-element>....</next-hop-element>
      <backup-next-hop-element>....</backup-next-hop-element>
      <no-coverage-reason>
        no-coverage-reason
      </no-coverage-reason>
    </isis-backup-spf-result>
  </isis-spf>
</isis-spf-information>

```

Description**<isis-context>****Usage**

```

<isis-context>
  <isis-context-id>
    isis-context-id
  </isis-context-id>
  <isis-context-level>
    isis-context-level
  </isis-context-level>
  <isis-context-owner-proto>
    isis-context-owner-proto
  </isis-context-owner-proto>
  <isis-context-role>

```

```
isis-context-role
</isis-context-role>
<isis-context-primary>
  isis-context-primary
</isis-context-primary>
<isis-context-metric>
  isis-context-metric
</isis-context-metric>
<isis-context-advertiser-router-id>
  isis-context-advertiser-router-id
</isis-context-advertiser-router-id>
<isis-context-advertiser>
  isis-context-advertiser
</isis-context-advertiser>
<isis-context-advertiser-metric>
  isis-context-advertiser-metric
</isis-context-advertiser-metric>
<isis-context-advertiser-level>
  isis-context-advertiser-level
</isis-context-advertiser-level>
</isis-context>
```

Description

<isis-context>

Usage

```
<isis-context-information>
  <isis-context>
    <isis-context-id>
      isis-context-id
    </isis-context-id>
    <isis-context-level>
      isis-context-level
    </isis-context-level>
    <isis-context-owner-proto>
      isis-context-owner-proto
    </isis-context-owner-proto>
    <isis-context-role>
      isis-context-role
    </isis-context-role>
    <isis-context-primary>
      isis-context-primary
    </isis-context-primary>
    <isis-context-metric>
      isis-context-metric
    </isis-context-metric>
    <isis-context-advertiser-router-id>
      isis-context-advertiser-router-id
    </isis-context-advertiser-router-id>
    <isis-context-advertiser>
      isis-context-advertiser
    </isis-context-advertiser>
    <isis-context-advertiser-metric>
      isis-context-advertiser-metric
```



```

</isis-context-advertiser-metric>
<isis-context-advertiser-level>
  isis-context-advertiser-level
</isis-context-advertiser-level>
</isis-context>
</isis-context-information>

```

Description**<isis-context-information>****Usage**

```

<isis-context-information>
  <isis-context>....</isis-context>
</isis-context-information>

```

Description Context information for an IS-IS instance

<isis-context-information-local>**Usage**

```

<isis-context-information-local>
  <isis-context-local>....</isis-context-local>
</isis-context-information-local>

```

Description Context information for an IS-IS instance

<isis-context-local>**Usage**

```

<isis-context-local>
  <context-id-local>
    context-id-local
  </context-id-local>
  <context-level1-state>
    context-level1-state
  </context-level1-state>
  <context-level2-state>
    context-level2-state
  </context-level2-state>
  <metric-one>
    metric-one
  </metric-one>
  <metric-two>
    metric-two
  </metric-two>
</isis-context-local>

```

Description

<isis-context-local>

Usage

```
<isis-context-information-local>
  <isis-context-local>
    <context-id-local>
      context-id-local
    </context-id-local>
    <context-level1-state>
      context-level1-state
    </context-level1-state>
    <context-level2-state>
      context-level2-state
    </context-level2-state>
    <metric-one>
      metric-one
    </metric-one>
    <metric-two>
      metric-two
    </metric-two>
  </isis-context-local>
</isis-context-information-local>
```

Description

<isis-database>

Usage

```
<isis-database>
  <level>
    level
  </level>
  <isis-database-entry>....</isis-database-entry>
  <lsp-count>
    lsp-count
  </lsp-count>
</isis-database>
```

Description

<isis-database>

Usage

```
<isis-database-information>
  <isis-database>
    <level>
      level
    </level>
    <isis-database-entry>....</isis-database-entry>
    <lsp-count>
      lsp-count
    </lsp-count>
  </isis-database>
```

```
</isis-database-information>
```

Description

<isis-database-entry>

Usage

```
<isis-database-entry>
  <lsp-id>
    lsp-id
  </lsp-id>
  <sequence-number>
    sequence-number
  </sequence-number>
  <checksum>
    checksum
  </checksum>
  <remaining-lifetime>
    remaining-lifetime
  </remaining-lifetime>
  <lsp-attributes>
    lsp-attributes
  </lsp-attributes>
  <isis-neighbor>....</isis-neighbor>
  <isis-prefix>....</isis-prefix>
  <isis-header>....</isis-header>
  <isis-packet>....</isis-packet>
  <lsp-stub>
    lsp-stub
  </lsp-stub>
  <isis-tlv>....</isis-tlv>
  <transmission-status>....</transmission-status>
  <isis-es-neighbor>....</isis-es-neighbor>
</isis-database-entry>
```

Description

<isis-database-entry>

Usage

```
<isis-database>
  <isis-database-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
```

```
<lsp-attributes>
  lsp-attributes
</lsp-attributes>
<isis-neighbor>....</isis-neighbor>
<isis-prefix>....</isis-prefix>
<isis-header>....</isis-header>
<isis-packet>....</isis-packet>
<lsp-stub>
  lsp-stub
</lsp-stub>
<isis-tlv>....</isis-tlv>
<transmission-status>....</transmission-status>
<isis-es-neighbor>....</isis-es-neighbor>
</isis-database-entry>
</isis-database>
```

Description

<isis-database-entry>

Usage

```
<isis-database-information>
<isis-database>
  <isis-database-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <lsp-attributes>
      lsp-attributes
    </lsp-attributes>
    <isis-neighbor>....</isis-neighbor>
    <isis-prefix>....</isis-prefix>
    <isis-header>....</isis-header>
    <isis-packet>....</isis-packet>
    <lsp-stub>
      lsp-stub
    </lsp-stub>
    <isis-tlv>....</isis-tlv>
    <transmission-status>....</transmission-status>
    <isis-es-neighbor>....</isis-es-neighbor>
  </isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<isis-database-information>**Usage**

```
<isis-database-information>
  <isis-database>....</isis-database>
</isis-database-information>
```

Description**<isis-database-local>****Usage**

```
<isis-database-local>
  <level>
    level
  </level>
  <isis-database-local-entry>....</isis-database-local-entry>
</isis-database-local>
```

Description Information about one or more entries in the IS-IS database that originated locally

<isis-database-local>**Usage**

```
<isis-database-local-information>
  <isis-database-local>
    <level>
      level
    </level>
    <isis-database-local-entry>....</isis-database-local-entry>
  </isis-database-local>
</isis-database-local-information>
```

Description Information about one or more entries in the IS-IS database that originated locally

<isis-database-local-data>**Usage**

```
<isis-database-local>
  <isis-database-local-entry>
    <isis-database-local-data>
      <isis-database-local-data-type>
        isis-database-local-data-type
      </isis-database-local-data-type>
      <isis-database-local-data-name>
        isis-database-local-data-name
      </isis-database-local-data-name>
      <tlv-size>
        tlv-size
      </tlv-size>
      <address>
        address
    </isis-database-local-data>
  </isis-database-local-entry>
</isis-database-local>
```

```
</address>
<protocol>
  protocol
</protocol>
<mtid>
  mtid
</mtid>
<router-id>
  router-id
</router-id>
<hostname>
  hostname
</hostname>
<prefix-reachability>....</prefix-reachability>
<is-reachability>....</is-reachability>
<unknown-local-data>
  unknown-local-data
</unknown-local-data>
</isis-database-local-data>
</isis-database-local-entry>
</isis-database-local>
```

Description

<isis-database-local-data>

Usage

```
<isis-database-local-information>
<isis-database-local>
<isis-database-local-entry>
  <isis-database-local-data>
    <isis-database-local-data-type>
      isis-database-local-data-type
    </isis-database-local-data-type>
    <isis-database-local-data-name>
      isis-database-local-data-name
    </isis-database-local-data-name>
    <tlv-size>
      tlv-size
    </tlv-size>
    <address>
      address
    </address>
    <protocol>
      protocol
    </protocol>
    <mtid>
      mtid
    </mtid>
    <router-id>
      router-id
    </router-id>
    <hostname>
      hostname
    </hostname>
```

```

    <prefix-reachability>....</prefix-reachability>
    <is-reachability>....</is-reachability>
    <unknown-local-data>
      unknown-local-data
    </unknown-local-data>
  </isis-database-local-data>
</isis-database-local-entry>
</isis-database-local>
</isis-database-local-information>

```

Description

<isis-database-local-entry>

Usage

```

<isis-database-local>
  <isis-database-local-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <lsp-attributes>
      lsp-attributes
    </lsp-attributes>
    <isis-database-local-data>....</isis-database-local-data>
    <estimated-free-bytes>
      estimated-free-bytes
    </estimated-free-bytes>
  </isis-database-local-entry>
</isis-database-local>

```

Description Information about an entry that originated locally

<isis-database-local-entry>

Usage

```

<isis-database-local-information>
  <isis-database-local>
    <isis-database-local-entry>
      <lsp-id>
        lsp-id
      </lsp-id>
      <sequence-number>
        sequence-number
      </sequence-number>
      <checksum>

```

```
checksum
</checksum>
<remaining-lifetime>
  remaining-lifetime
</remaining-lifetime>
<lsp-attributes>
  lsp-attributes
</lsp-attributes>
<isis-database-local-data>....</isis-database-local-data>
<estimated-free-bytes>
  estimated-free-bytes
</estimated-free-bytes>
</isis-database-local-entry>
</isis-database-local>
</isis-database-local-information>
```

Description Information about an entry that originated locally

<isis-database-local-information>

Usage

```
<isis-database-local-information>
  <isis-database-local>....</isis-database-local>
</isis-database-local-information>
```

Description

<isis-es-neighbor>

Usage

```
<isis-es-neighbor>
  <es-neighbor-id>
    es-neighbor-id
  </es-neighbor-id>
  <metric>
    metric
  </metric>
  <reachability-delay>
    reachability-delay
  </reachability-delay>
  <reachability-expense>
    reachability-expense
  </reachability-expense>
  <reachability-error>
    reachability-error
  </reachability-error>
</isis-es-neighbor>
```

Description

<isis-es-neighbor>

Usage

```
<isis-database-entry>
  <isis-es-neighbor>
    <es-neighbor-id>
      es-neighbor-id
    </es-neighbor-id>
    <metric>
      metric
    </metric>
    <reachability-delay>
      reachability-delay
    </reachability-delay>
    <reachability-expense>
      reachability-expense
    </reachability-expense>
    <reachability-error>
      reachability-error
    </reachability-error>
  </isis-es-neighbor>
</isis-database-entry>
```

Description

<isis-es-neighbor>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-es-neighbor>
      <es-neighbor-id>
        es-neighbor-id
      </es-neighbor-id>
      <metric>
        metric
      </metric>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
    </isis-es-neighbor>
  </isis-database-entry>
</isis-database>
```

Description

<isis-es-neighbor>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-es-neighbor>
        <es-neighbor-id>
          es-neighbor-id
        </es-neighbor-id>
        <metric>
          metric
        </metric>
        <reachability-delay>
          reachability-delay
        </reachability-delay>
        <reachability-expense>
          reachability-expense
        </reachability-expense>
        <reachability-error>
          reachability-error
        </reachability-error>
      </isis-es-neighbor>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<isis-header>

Usage

```
<isis-header>
  <lsp-id>
    lsp-id
  </lsp-id>
  <pdu-length>
    pdu-length
  </pdu-length>
  <allocated-length>
    allocated-length
  </allocated-length>
  <router-id>
    router-id
  </router-id>
  <remaining-lifetime>
    remaining-lifetime
  </remaining-lifetime>
  <level>
    level
  </level>
  <interface-index>
    interface-index
  </interface-index>
  <estimated-free-bytes>
```

```

    estimated-free-bytes
  </estimated-free-bytes>
  <actual-free-bytes>
    actual-free-bytes
  </actual-free-bytes>
  <lsdb-timer-type>
    lsdb-timer-type
  </lsdb-timer-type>
  <lsdb-expiration-time>
    lsdb-expiration-time
  </lsdb-expiration-time>
  <needs-rebuild>
    needs-rebuild
  </needs-rebuild>
  <protocol>
    protocol
  </protocol>
</isis-header>

```

Description

<isis-header>

Usage

```

<isis-database-entry>
  <isis-header>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <allocated-length>
      allocated-length
    </allocated-length>
    <router-id>
      router-id
    </router-id>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <level>
      level
    </level>
    <interface-index>
      interface-index
    </interface-index>
    <estimated-free-bytes>
      estimated-free-bytes
    </estimated-free-bytes>
    <actual-free-bytes>
      actual-free-bytes
    </actual-free-bytes>
    <lsdb-timer-type>
      lsdb-timer-type
  </isis-header>

```

```
</lsdb-timer-type>
<lsdb-expiration-time>
  lsdb-expiration-time
</lsdb-expiration-time>
<needs-rebuild>
  needs-rebuild
</needs-rebuild>
<protocol>
  protocol
</protocol>
</isis-header>
</isis-database-entry>
```

Description

<isis-header>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-header>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <allocated-length>
      allocated-length
    </allocated-length>
    <router-id>
      router-id
    </router-id>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <level>
      level
    </level>
    <interface-index>
      interface-index
    </interface-index>
    <estimated-free-bytes>
      estimated-free-bytes
    </estimated-free-bytes>
    <actual-free-bytes>
      actual-free-bytes
    </actual-free-bytes>
    <lsdb-timer-type>
      lsdb-timer-type
    </lsdb-timer-type>
    <lsdb-expiration-time>
      lsdb-expiration-time
    </lsdb-expiration-time>
    <needs-rebuild>
```

```

        needs-rebuild
      </needs-rebuild>
    <protocol>
      protocol
    </protocol>
  </isis-header>
</isis-database-entry>
</isis-database>

```

Description

<isis-header>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-header>
        <lsp-id>
          lsp-id
        </lsp-id>
        <pdu-length>
          pdu-length
        </pdu-length>
        <allocated-length>
          allocated-length
        </allocated-length>
        <router-id>
          router-id
        </router-id>
        <remaining-lifetime>
          remaining-lifetime
        </remaining-lifetime>
        <level>
          level
        </level>
        <interface-index>
          interface-index
        </interface-index>
        <estimated-free-bytes>
          estimated-free-bytes
        </estimated-free-bytes>
        <actual-free-bytes>
          actual-free-bytes
        </actual-free-bytes>
        <lsdb-timer-type>
          lsdb-timer-type
        </lsdb-timer-type>
        <lsdb-expiration-time>
          lsdb-expiration-time
        </lsdb-expiration-time>
        <needs-rebuild>
          needs-rebuild
        </needs-rebuild>
      </protocol>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

```
        protocol
      </protocol>
    </isis-header>
  </isis-database-entry>
</isis-database>
</isis-database-information>
```

Description**<isis-hostname>****Usage**

```
<isis-hostname>
  <system-id>
    system-id
  </system-id>
  <system-name>
    system-name
  </system-name>
  <isis-hostname-type>
    isis-hostname-type
  </isis-hostname-type>
</isis-hostname>
```

Description Entry in the system-ID-to-hostname mapping table

<isis-hostname>**Usage**

```
<isis-hostname-information>
  <isis-hostname>
    <system-id>
      system-id
    </system-id>
    <system-name>
      system-name
    </system-name>
    <isis-hostname-type>
      isis-hostname-type
    </isis-hostname-type>
  </isis-hostname>
</isis-hostname-information>
```

Description Entry in the system-ID-to-hostname mapping table

<isis-hostname-information>**Usage**

```
<isis-hostname-information>
  <isis-hostname>....</isis-hostname>
</isis-hostname-information>
```

Description System-ID-to-hostname mapping table

<isis-interface>

Usage

```
<isis-interface>
  <interface-name>
    interface-name
  </interface-name>
  <circuit-type>
    circuit-type
  </circuit-type>
  <circuit-id>
    circuit-id
  </circuit-id>
  <isis-interface-state-one>
    isis-interface-state-one
  </isis-interface-state-one>
  <isis-interface-state-two>
    isis-interface-state-two
  </isis-interface-state-two>
  <interface-disabled-flag>
    interface-disabled-flag
  </interface-disabled-flag>
  <dr-id-one>
    dr-id-one
  </dr-id-one>
  <dr-id-two>
    dr-id-two
  </dr-id-two>
  <metric-one>
    metric-one
  </metric-one>
  <metric-two>
    metric-two
  </metric-two>
  <interface-index>
    interface-index
  </interface-index>
  <interface-state-value>
    interface-state-value
  </interface-state-value>
  <lsp-interval>
    lsp-interval
  </lsp-interval>
  <csnp-interval>
    csnp-interval
  </csnp-interval>
  <hello-padding>
    hello-padding
  </hello-padding>
  <interface-protection-type>
    interface-protection-type
  </interface-protection-type>
  <no-eligible-backup>
```

```
    no-eligible-backup
  </no-eligible-backup>
  <system-name>
    system-name
  </system-name>
  <mesh-group>
    mesh-group
  </mesh-group>
  <adjacency-advertisement>
    adjacency-advertisement
  </adjacency-advertisement>
  <interface-level-data>....</interface-level-data>
  <igp-ldp-sync-holdtime>
    igp-ldp-sync-holdtime
  </igp-ldp-sync-holdtime>
  <igp-ldp-sync-state>
    igp-ldp-sync-state
  </igp-ldp-sync-state>
  <igp-ldp-sync-last-change>
    igp-ldp-sync-last-change
  </igp-ldp-sync-last-change>
  <igp-ldp-sync-reason>
    igp-ldp-sync-reason
  </igp-ldp-sync-reason>
  <igp-ldp-sync-timeleft>
    igp-ldp-sync-timeleft
  </igp-ldp-sync-timeleft>
</isis-interface>
```

Description

<isis-interface>

Usage

```
<isis-interface-information>
  <isis-interface>
    <interface-name>
      interface-name
    </interface-name>
    <circuit-type>
      circuit-type
    </circuit-type>
    <circuit-id>
      circuit-id
    </circuit-id>
    <isis-interface-state-one>
      isis-interface-state-one
    </isis-interface-state-one>
    <isis-interface-state-two>
      isis-interface-state-two
    </isis-interface-state-two>
    <interface-disabled-flag>
      interface-disabled-flag
    </interface-disabled-flag>
    <dr-id-one>
```



```
    dr-id-one
  </dr-id-one>
  <dr-id-two>
    dr-id-two
  </dr-id-two>
  <metric-one>
    metric-one
  </metric-one>
  <metric-two>
    metric-two
  </metric-two>
  <interface-index>
    interface-index
  </interface-index>
  <interface-state-value>
    interface-state-value
  </interface-state-value>
  <lsp-interval>
    lsp-interval
  </lsp-interval>
  <csnp-interval>
    csnp-interval
  </csnp-interval>
  <hello-padding>
    hello-padding
  </hello-padding>
  <interface-protection-type>
    interface-protection-type
  </interface-protection-type>
  <no-eligible-backup>
    no-eligible-backup
  </no-eligible-backup>
  <system-name>
    system-name
  </system-name>
  <mesh-group>
    mesh-group
  </mesh-group>
  <adjacency-advertisement>
    adjacency-advertisement
  </adjacency-advertisement>
  <interface-level-data>....</interface-level-data>
  <igp-ldp-sync-holdtime>
    igp-ldp-sync-holdtime
  </igp-ldp-sync-holdtime>
  <igp-ldp-sync-state>
    igp-ldp-sync-state
  </igp-ldp-sync-state>
  <igp-ldp-sync-last-change>
    igp-ldp-sync-last-change
  </igp-ldp-sync-last-change>
  <igp-ldp-sync-reason>
    igp-ldp-sync-reason
  </igp-ldp-sync-reason>
  <igp-ldp-sync-timeleft>
    igp-ldp-sync-timeleft
```

```
</igp-ldp-sync-timeleft>
</isis-interface>
</isis-interface-information>
```

Description

<isis-interface-authentication>

Usage

```
<isis-interface-authentication>
  <interface-name>
    interface-name
  </interface-name>
  <isis-interface-level-authentication>....</isis-interface-level-authentication>
</isis-interface-authentication>
```

Description

<isis-interface-authentication>

Usage

```
<isis-authentication-information>
  <isis-interface-authentication>
    <interface-name>
      interface-name
    </interface-name>
    <isis-interface-level-authentication>....</isis-interface-level-authentication>
  </isis-interface-authentication>
</isis-authentication-information>
```

Description

<isis-interface-information>

Usage

```
<isis-interface-information>
  <isis-interface>....</isis-interface>
</isis-interface-information>
```

Description

<isis-interface-level-authentication>

Usage

```
<isis-interface-level-authentication>
  <level>
    level
  </level>
  <isis-interface-level-iih-authentication>
    isis-interface-level-iih-authentication
  </isis-interface-level-iih-authentication>
  <isis-interface-level-csn-authentication>
    isis-interface-level-csn-authentication
```

```

</isis-interface-level-csn-authentication>
<isis-interface-level-psn-authentication>
  isis-interface-level-psn-authentication
</isis-interface-level-psn-authentication>
</isis-interface-level-authentication>

```

Description

<isis-interface-level-authentication>

Usage

```

<isis-interface-authentication>
  <isis-interface-level-authentication>
    <level>
      level
    </level>
    <isis-interface-level-iih-authentication>
      isis-interface-level-iih-authentication
    </isis-interface-level-iih-authentication>
    <isis-interface-level-csn-authentication>
      isis-interface-level-csn-authentication
    </isis-interface-level-csn-authentication>
    <isis-interface-level-psn-authentication>
      isis-interface-level-psn-authentication
    </isis-interface-level-psn-authentication>
  </isis-interface-level-authentication>
</isis-interface-authentication>

```

Description

<isis-interface-level-authentication>

Usage

```

<isis-authentication-information>
  <isis-interface-authentication>
    <isis-interface-level-authentication>
      <level>
        level
      </level>
      <isis-interface-level-iih-authentication>
        isis-interface-level-iih-authentication
      </isis-interface-level-iih-authentication>
      <isis-interface-level-csn-authentication>
        isis-interface-level-csn-authentication
      </isis-interface-level-csn-authentication>
      <isis-interface-level-psn-authentication>
        isis-interface-level-psn-authentication
      </isis-interface-level-psn-authentication>
    </isis-interface-level-authentication>
  </isis-interface-authentication>
</isis-authentication-information>

```

Description

<isis-interface-level-topology>

Usage

```
<interface-level-data>
  <isis-interface-level-topology>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <isis-topology-metric>
      isis-topology-metric
    </isis-topology-metric>
  </isis-interface-level-topology>
</interface-level-data>
```

Description Topology-specific information for an interface level

<isis-interface-level-topology>

Usage

```
<isis-interface>
  <interface-level-data>
    <isis-interface-level-topology>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <isis-topology-metric>
        isis-topology-metric
      </isis-topology-metric>
    </isis-interface-level-topology>
  </interface-level-data>
</isis-interface>
```

Description Topology-specific information for an interface level

<isis-interface-level-topology>

Usage

```
<isis-interface-information>
  <isis-interface>
    <interface-level-data>
      <isis-interface-level-topology>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
        <isis-topology-metric>
          isis-topology-metric
        </isis-topology-metric>
      </isis-interface-level-topology>
    </interface-level-data>
  </isis-interface>
</isis-interface-information>
```

Description Topology-specific information for an interface level

<isis-iso-prefix-tlv>

Usage

```
<isis-tlv>
  <isis-iso-prefix-tlv>
    <metric>
      metric
    </metric>
    <metric-flag>
      metric-flag
    </metric-flag>
    <reachability-delay>
      reachability-delay
    </reachability-delay>
    <reachability-expense>
      reachability-expense
    </reachability-expense>
    <reachability-error>
      reachability-error
    </reachability-error>
    <prefix-status>
      prefix-status
    </prefix-status>
    <iso-prefix>
      iso-prefix
    </iso-prefix>
  </isis-iso-prefix-tlv>
</isis-tlv>
```

Description

<isis-iso-prefix-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <isis-iso-prefix-tlv>
      <metric>
        metric
      </metric>
      <metric-flag>
        metric-flag
      </metric-flag>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
      <prefix-status>
```

```
    prefix-status
  </prefix-status>
  <iso-prefix>
    iso-prefix
  </iso-prefix>
</isis-iso-prefix-tlv>
</isis-tlv>
</isis-database-entry>
```

Description

<isis-iso-prefix-tlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-iso-prefix-tlv>
        <metric>
          metric
        </metric>
        <metric-flag>
          metric-flag
        </metric-flag>
        <reachability-delay>
          reachability-delay
        </reachability-delay>
        <reachability-expense>
          reachability-expense
        </reachability-expense>
        <reachability-error>
          reachability-error
        </reachability-error>
        <prefix-status>
          prefix-status
        </prefix-status>
        <iso-prefix>
          iso-prefix
        </iso-prefix>
      </isis-iso-prefix-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-iso-prefix-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-iso-prefix-tlv>
```

```

<metric>
  metric
</metric>
<metric-flag>
  metric-flag
</metric-flag>
<reachability-delay>
  reachability-delay
</reachability-delay>
<reachability-expense>
  reachability-expense
</reachability-expense>
<reachability-error>
  reachability-error
</reachability-error>
<prefix-status>
  prefix-status
</prefix-status>
<iso-prefix>
  iso-prefix
</iso-prefix>
</isis-iso-prefix-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description

<isis-level-information>

Usage

```

<isis-overview>
  <isis-level-information>
    <isis-level>
      isis-level
    </isis-level>
    <isis-preference>
      isis-preference
    </isis-preference>
    <isis-external-preference>
      isis-external-preference
    </isis-external-preference>
    <isis-prefix-export-limit>
      isis-prefix-export-limit
    </isis-prefix-export-limit>
    <isis-narrow-metrics>
      isis-narrow-metrics
    </isis-narrow-metrics>
    <isis-wide-metrics>
      isis-wide-metrics
    </isis-wide-metrics>
  </isis-level-information>
</isis-overview>

```

Description IS-IS Level Information

<isis-level-information>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-level-information>
      <isis-level>
        isis-level
      </isis-level>
      <isis-preference>
        isis-preference
      </isis-preference>
      <isis-external-preference>
        isis-external-preference
      </isis-external-preference>
      <isis-prefix-export-limit>
        isis-prefix-export-limit
      </isis-prefix-export-limit>
      <isis-narrow-metrics>
        isis-narrow-metrics
      </isis-narrow-metrics>
      <isis-wide-metrics>
        isis-wide-metrics
      </isis-wide-metrics>
    </isis-level-information>
  </isis-overview>
</isis-overview-information>
```

Description IS-IS Level Information

<isis-lsp-authentication>

Usage

```
<isis-lsp-authentication>
  <level>
    level
  </level>
  <isis-level-lsp-authentication>
    isis-level-lsp-authentication
  </isis-level-lsp-authentication>
</isis-lsp-authentication>
```

Description Authentication type for LSP packets

<isis-lsp-authentication>

Usage

```
<isis-authentication-information>
  <isis-lsp-authentication>
    <level>
```



```

    level
  </level>
  <isis-level-lsp-authentication>
    isis-level-lsp-authentication
  </isis-level-lsp-authentication>
</isis-lsp-authentication>
</isis-authentication-information>

```

Description Authentication type for LSP packets

<isis-neighbor>

Usage

```

<isis-neighbor>
  <isis-topology-id>
    isis-topology-id
  </isis-topology-id>
  <is-neighbor-id>
    is-neighbor-id
  </is-neighbor-id>
  <metric>
    metric
  </metric>
  <two-way-lsp-id>
    two-way-lsp-id
  </two-way-lsp-id>
  <firstfrag-lsp-id>
    firstfrag-lsp-id
  </firstfrag-lsp-id>
  <reachability-delay>
    reachability-delay
  </reachability-delay>
  <reachability-expense>
    reachability-expense
  </reachability-expense>
  <reachability-error>
    reachability-error
  </reachability-error>
</isis-neighbor>

```

Description

<isis-neighbor>

Usage

```

<isis-database-entry>
  <isis-neighbor>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <is-neighbor-id>
      is-neighbor-id
    </is-neighbor-id>
    <metric>

```

```
    metric
  </metric>
  <two-way-lsp-id>
    two-way-lsp-id
  </two-way-lsp-id>
  <firstfrag-lsp-id>
    firstfrag-lsp-id
  </firstfrag-lsp-id>
  <reachability-delay>
    reachability-delay
  </reachability-delay>
  <reachability-expense>
    reachability-expense
  </reachability-expense>
  <reachability-error>
    reachability-error
  </reachability-error>
</isis-neighbor>
</isis-database-entry>
```

Description

<isis-neighbor>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-neighbor>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <is-neighbor-id>
        is-neighbor-id
      </is-neighbor-id>
      <metric>
        metric
      </metric>
      <two-way-lsp-id>
        two-way-lsp-id
      </two-way-lsp-id>
      <firstfrag-lsp-id>
        firstfrag-lsp-id
      </firstfrag-lsp-id>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
    </isis-neighbor>
  </isis-database-entry>
```

```
</isis-database>
```

Description

<isis-neighbor>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-neighbor>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
        <is-neighbor-id>
          is-neighbor-id
        </is-neighbor-id>
        <metric>
          metric
        </metric>
        <two-way-lsp-id>
          two-way-lsp-id
        </two-way-lsp-id>
        <firstfrag-lsp-id>
          firstfrag-lsp-id
        </firstfrag-lsp-id>
        <reachability-delay>
          reachability-delay
        </reachability-delay>
        <reachability-expense>
          reachability-expense
        </reachability-expense>
        <reachability-error>
          reachability-error
        </reachability-error>
      </isis-neighbor>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<isis-overload-information>

Usage

```
<isis-overview>
  <isis-overload-information>
    <isis-overload-enabled>
      isis-overload-enabled
    </isis-overload-enabled>
    <isis-overload-high-metrics>
      isis-overload-high-metrics
    </isis-overload-high-metrics>
    <isis-overload-allow-route-leaking>
```

```
isis-overload-allow-route-leaking
</isis-overload-allow-route-leaking>
<isis-overload-timeout>
  isis-overload-timeout
</isis-overload-timeout>
<isis-overload-remaining-time>
  isis-overload-remaining-time
</isis-overload-remaining-time>
</isis-overload-information>
</isis-overview>
```

Description Overload bit behaviour at startup

<isis-overload-information>

Usage

```
<isis-overview-information>
<isis-overview>
  <isis-overload-information>
    <isis-overload-enabled>
      isis-overload-enabled
    </isis-overload-enabled>
    <isis-overload-high-metrics>
      isis-overload-high-metrics
    </isis-overload-high-metrics>
    <isis-overload-allow-route-leaking>
      isis-overload-allow-route-leaking
    </isis-overload-allow-route-leaking>
    <isis-overload-timeout>
      isis-overload-timeout
    </isis-overload-timeout>
    <isis-overload-remaining-time>
      isis-overload-remaining-time
    </isis-overload-remaining-time>
  </isis-overload-information>
</isis-overview>
</isis-overview-information>
```

Description Overload bit behaviour at startup

<isis-overview>

Usage

```
<isis-overview>
  <instance-name>
    instance-name
  </instance-name>
  <isis-router-id>
    isis-router-id
  </isis-router-id>
  <isis-max-areas>
    isis-max-areas
  </isis-max-areas>
```

```

<isis-lsp-lifetime>
  isis-lsp-lifetime
</isis-lsp-lifetime>
<isis-reference-bandwidth>
  isis-reference-bandwidth
</isis-reference-bandwidth>
<isis-adjacency-holddown>
  isis-adjacency-holddown
</isis-adjacency-holddown>
<isis-attached-bit-evaluation>
  isis-attached-bit-evaluation
</isis-attached-bit-evaluation>
<isis-spf-information>....</isis-spf-information>
<isis-overload-information>....</isis-overload-information>
<isis-routing>....</isis-routing>
<isis-traffic-engineering>....</isis-traffic-engineering>
<isis-restart>....</isis-restart>
<isis-level-information>....</isis-level-information>
</isis-overview>

```

Description Overview information for an IS-IS instance

<isis-overview>

Usage

```

<isis-overview-information>
  <isis-overview>
    <instance-name>
      instance-name
    </instance-name>
    <isis-router-id>
      isis-router-id
    </isis-router-id>
    <isis-max-areas>
      isis-max-areas
    </isis-max-areas>
    <isis-lsp-lifetime>
      isis-lsp-lifetime
    </isis-lsp-lifetime>
    <isis-reference-bandwidth>
      isis-reference-bandwidth
    </isis-reference-bandwidth>
    <isis-adjacency-holddown>
      isis-adjacency-holddown
    </isis-adjacency-holddown>
    <isis-attached-bit-evaluation>
      isis-attached-bit-evaluation
    </isis-attached-bit-evaluation>
    <isis-spf-information>....</isis-spf-information>
    <isis-overload-information>....</isis-overload-information>
    <isis-routing>....</isis-routing>
    <isis-traffic-engineering>....</isis-traffic-engineering>
    <isis-restart>....</isis-restart>
    <isis-level-information>....</isis-level-information>
  </isis-overview>
</isis-overview-information>

```

```
</isis-overview>
</isis-overview-information>
```

Description Overview information for an IS-IS instance

<isis-overview-information>

Usage

```
<isis-overview-information>
  <isis-overview>....</isis-overview>
</isis-overview-information>
```

Description ISIS overview information

<isis-packet>

Usage

```
<isis-packet>
  <lsp-id>
    lsp-id
  </lsp-id>
  <pdu-length>
    pdu-length
  </pdu-length>
  <pdu-lifetime>
    pdu-lifetime
  </pdu-lifetime>
  <checksum>
    checksum
  </checksum>
  <sequence-number>
    sequence-number
  </sequence-number>
  <lsp-attributes>
    lsp-attributes
  </lsp-attributes>
  <nlp-id>
    nlp-id
  </nlp-id>
  <mtid>
    mtid
  </mtid>
  <lsp-length>
    lsp-length
  </lsp-length>
  <pdu-version>
    pdu-version
  </pdu-version>
  <system-id-length>
    system-id-length
  </system-id-length>
  <isis-packet-type>
    isis-packet-type
```

```

</isis-packet-type>
<packet-version>
  packet-version
</packet-version>
<maximum-area>
  maximum-area
</maximum-area>
</isis-packet>

```

Description

<isis-packet>

Usage

```

<isis-database-entry>
  <isis-packet>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <pdu-lifetime>
      pdu-lifetime
    </pdu-lifetime>
    <checksum>
      checksum
    </checksum>
    <sequence-number>
      sequence-number
    </sequence-number>
    <lsp-attributes>
      lsp-attributes
    </lsp-attributes>
    <nlp-id>
      nlp-id
    </nlp-id>
    <mtid>
      mtid
    </mtid>
    <lsp-length>
      lsp-length
    </lsp-length>
    <pdu-version>
      pdu-version
    </pdu-version>
    <system-id-length>
      system-id-length
    </system-id-length>
    <isis-packet-type>
      isis-packet-type
    </isis-packet-type>
    <packet-version>
      packet-version
    </packet-version>
  </isis-packet>
</isis-database-entry>

```

```
<maximum-area>
  maximum-area
</maximum-area>
</isis-packet>
</isis-database-entry>
```

Description

<isis-packet>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-packet>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <pdu-lifetime>
      pdu-lifetime
    </pdu-lifetime>
    <checksum>
      checksum
    </checksum>
    <sequence-number>
      sequence-number
    </sequence-number>
    <lsp-attributes>
      lsp-attributes
    </lsp-attributes>
    <nlp-id>
      nlp-id
    </nlp-id>
    <mtid>
      mtid
    </mtid>
    <lsp-length>
      lsp-length
    </lsp-length>
    <pdu-version>
      pdu-version
    </pdu-version>
    <system-id-length>
      system-id-length
    </system-id-length>
    <isis-packet-type>
      isis-packet-type
    </isis-packet-type>
    <packet-version>
      packet-version
    </packet-version>
    <maximum-area>
      maximum-area
```



```

        </maximum-area>
    </isis-packet>
</isis-database-entry>
</isis-database>

```

Description

<isis-packet>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-packet>
        <lsp-id>
          lsp-id
        </lsp-id>
        <pdu-length>
          pdu-length
        </pdu-length>
        <pdu-lifetime>
          pdu-lifetime
        </pdu-lifetime>
        <checksum>
          checksum
        </checksum>
        <sequence-number>
          sequence-number
        </sequence-number>
        <lsp-attributes>
          lsp-attributes
        </lsp-attributes>
        <nlp-id>
          nlp-id
        </nlp-id>
        <mtid>
          mtid
        </mtid>
        <lsp-length>
          lsp-length
        </lsp-length>
        <pdu-version>
          pdu-version
        </pdu-version>
        <system-id-length>
          system-id-length
        </system-id-length>
        <isis-packet-type>
          isis-packet-type
        </isis-packet-type>
        <packet-version>
          packet-version
        </packet-version>
        <maximum-area>
          maximum-area

```

```
</maximum-area>
</isis-packet>
</isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<isis-pdu-statistics>

Usage

```
<isis-pdu-statistics>
  <isis-pdu-type>
    isis-pdu-type
  </isis-pdu-type>
  <packets-received>
    packets-received
  </packets-received>
  <packets-processed>
    packets-processed
  </packets-processed>
  <packets-dropped>
    packets-dropped
  </packets-dropped>
  <packets-sent>
    packets-sent
  </packets-sent>
  <packets-retransmitted>
    packets-retransmitted
  </packets-retransmitted>
</isis-pdu-statistics>
```

Description

<isis-pdu-statistics>

Usage

```
<isis-statistics>
  <isis-pdu-statistics>
    <isis-pdu-type>
      isis-pdu-type
    </isis-pdu-type>
    <packets-received>
      packets-received
    </packets-received>
    <packets-processed>
      packets-processed
    </packets-processed>
    <packets-dropped>
      packets-dropped
    </packets-dropped>
    <packets-sent>
      packets-sent
    </packets-sent>
```

```

    <packets-retransmitted>
      packets-retransmitted
    </packets-retransmitted>
  </isis-pdu-statistics>
</isis-statistics>

```

Description

<isis-pdu-statistics>

Usage

```

<isis-statistics-information>
  <isis-statistics>
    <isis-pdu-statistics>
      <isis-pdu-type>
        isis-pdu-type
      </isis-pdu-type>
      <packets-received>
        packets-received
      </packets-received>
      <packets-processed>
        packets-processed
      </packets-processed>
      <packets-dropped>
        packets-dropped
      </packets-dropped>
      <packets-sent>
        packets-sent
      </packets-sent>
      <packets-retransmitted>
        packets-retransmitted
      </packets-retransmitted>
    </isis-pdu-statistics>
  </isis-statistics>
</isis-statistics-information>

```

Description

<isis-prefix>

Usage

```

<isis-prefix>
  <protocol-name>
    protocol-name
  </protocol-name>
  <isis-topology-id>
    isis-topology-id
  </isis-topology-id>
  <address-prefix>
    address-prefix
  </address-prefix>
  <metric>
    metric
  </metric>

```

```
<prefix-flag>
  prefix-flag
</prefix-flag>
<prefix-status>
  prefix-status
</prefix-status>
<reachability-delay>
  reachability-delay
</reachability-delay>
<reachability-expense>
  reachability-expense
</reachability-expense>
<reachability-error>
  reachability-error
</reachability-error>
</isis-prefix>
```

Description

<isis-prefix>

Usage

```
<isis-database-entry>
  <isis-prefix>
    <protocol-name>
      protocol-name
    </protocol-name>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <address-prefix>
      address-prefix
    </address-prefix>
    <metric>
      metric
    </metric>
    <prefix-flag>
      prefix-flag
    </prefix-flag>
    <prefix-status>
      prefix-status
    </prefix-status>
    <reachability-delay>
      reachability-delay
    </reachability-delay>
    <reachability-expense>
      reachability-expense
    </reachability-expense>
    <reachability-error>
      reachability-error
    </reachability-error>
  </isis-prefix>
</isis-database-entry>
```

Description

<isis-prefix>

Usage

```

<isis-database>
  <isis-database-entry>
    <isis-prefix>
      <protocol-name>
        protocol-name
      </protocol-name>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <address-prefix>
        address-prefix
      </address-prefix>
      <metric>
        metric
      </metric>
      <prefix-flag>
        prefix-flag
      </prefix-flag>
      <prefix-status>
        prefix-status
      </prefix-status>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
    </isis-prefix>
  </isis-database-entry>
</isis-database>

```

Description

<isis-prefix>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-prefix>
        <protocol-name>
          protocol-name
        </protocol-name>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
        <address-prefix>

```

```
    address-prefix
  </address-prefix>
  <metric>
    metric
  </metric>
  <prefix-flag>
    prefix-flag
  </prefix-flag>
  <prefix-status>
    prefix-status
  </prefix-status>
  <reachability-delay>
    reachability-delay
  </reachability-delay>
  <reachability-expense>
    reachability-expense
  </reachability-expense>
  <reachability-error>
    reachability-error
  </reachability-error>
</isis-prefix>
</isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<isis-prefix-subtlv>

Usage

```
<isis-tlv>
  <isis-prefix-subtlv>
    <isis-prefix-tag>....</isis-prefix-tag>
  </isis-prefix-subtlv>
</isis-tlv>
```

Description

<isis-prefix-subtlv>

Usage

```
<isis-tlv>
  <ipv6-reachability-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>....</isis-prefix-tag>
    </isis-prefix-subtlv>
  </ipv6-reachability-tlv>
</isis-tlv>
```

Description

<isis-prefix-subtlv>**Usage**

```

<isis-tlv>
  <ip-prefix-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>....</isis-prefix-tag>
    </isis-prefix-subtlv>
  </ip-prefix-tlv>
</isis-tlv>

```

Description**<isis-prefix-subtlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>....</isis-prefix-tag>
    </isis-prefix-subtlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<isis-prefix-subtlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <ipv6-reachability-tlv>
      <isis-prefix-subtlv>
        <isis-prefix-tag>....</isis-prefix-tag>
      </isis-prefix-subtlv>
    </ipv6-reachability-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<isis-prefix-subtlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <ip-prefix-tlv>
      <isis-prefix-subtlv>
        <isis-prefix-tag>....</isis-prefix-tag>
      </isis-prefix-subtlv>
    </ip-prefix-tlv>
  </isis-tlv>

```

```
</isis-database-entry>
```

Description

<isis-prefix-subtlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-prefix-subtlv>
        <isis-prefix-tag>....</isis-prefix-tag>
      </isis-prefix-subtlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-prefix-subtlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ipv6-reachability-tlv>
        <isis-prefix-subtlv>
          <isis-prefix-tag>....</isis-prefix-tag>
        </isis-prefix-subtlv>
      </ipv6-reachability-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-prefix-subtlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ip-prefix-tlv>
        <isis-prefix-subtlv>
          <isis-prefix-tag>....</isis-prefix-tag>
        </isis-prefix-subtlv>
      </ip-prefix-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-prefix-subtlv>**Usage**

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-prefix-subtlv>
          <isis-prefix-tag>....</isis-prefix-tag>
        </isis-prefix-subtlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description**<isis-prefix-subtlv>****Usage**

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ipv6-reachability-tlv>
          <isis-prefix-subtlv>
            <isis-prefix-tag>....</isis-prefix-tag>
          </isis-prefix-subtlv>
        </ipv6-reachability-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description**<isis-prefix-subtlv>****Usage**

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ip-prefix-tlv>
          <isis-prefix-subtlv>
            <isis-prefix-tag>....</isis-prefix-tag>
          </isis-prefix-subtlv>
        </ip-prefix-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description**<isis-prefix-tag>****Usage**

```
<isis-tlv>
  <isis-prefix-subtlv>
    <isis-prefix-tag>
      <isis-prefix-tag-index>
        isis-prefix-tag-index
      </isis-prefix-tag-index>
      <isis-prefix-tag-value>
        isis-prefix-tag-value
      </isis-prefix-tag-value>
    </isis-prefix-tag>
  </isis-prefix-subtlv>
</isis-tlv>
```

Description**<isis-prefix-tag>****Usage**

```
<isis-tlv>
  <ipv6-reachability-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>
        <isis-prefix-tag-index>
          isis-prefix-tag-index
        </isis-prefix-tag-index>
        <isis-prefix-tag-value>
          isis-prefix-tag-value
        </isis-prefix-tag-value>
      </isis-prefix-tag>
    </isis-prefix-subtlv>
  </ipv6-reachability-tlv>
</isis-tlv>
```

Description**<isis-prefix-tag>****Usage**

```
<isis-tlv>
  <ip-prefix-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>
        <isis-prefix-tag-index>
          isis-prefix-tag-index
        </isis-prefix-tag-index>
        <isis-prefix-tag-value>
          isis-prefix-tag-value
        </isis-prefix-tag-value>
      </isis-prefix-tag>
    </isis-prefix-subtlv>
```

```

    </ip-prefix-tlv>
  </isis-tlv>

```

Description

<isis-prefix-tag>

Usage

```

<isis-database-entry>
  <isis-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>
        <isis-prefix-tag-index>
          isis-prefix-tag-index
        </isis-prefix-tag-index>
        <isis-prefix-tag-value>
          isis-prefix-tag-value
        </isis-prefix-tag-value>
      </isis-prefix-tag>
    </isis-prefix-subtlv>
  </isis-tlv>
</isis-database-entry>

```

Description

<isis-prefix-tag>

Usage

```

<isis-database-entry>
  <isis-tlv>
    <ipv6-reachability-tlv>
      <isis-prefix-subtlv>
        <isis-prefix-tag>
          <isis-prefix-tag-index>
            isis-prefix-tag-index
          </isis-prefix-tag-index>
          <isis-prefix-tag-value>
            isis-prefix-tag-value
          </isis-prefix-tag-value>
        </isis-prefix-tag>
      </isis-prefix-subtlv>
    </ipv6-reachability-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description

<isis-prefix-tag>

Usage

```

<isis-database-entry>
  <isis-tlv>
    <ip-prefix-tlv>
      <isis-prefix-subtlv>

```

```
<isis-prefix-tag>
  <isis-prefix-tag-index>
    isis-prefix-tag-index
  </isis-prefix-tag-index>
  <isis-prefix-tag-value>
    isis-prefix-tag-value
  </isis-prefix-tag-value>
</isis-prefix-tag>
</isis-prefix-subtlv>
</ip-prefix-tlv>
</isis-tlv>
</isis-database-entry>
```

Description

<isis-prefix-tag>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-prefix-subtlv>
        <isis-prefix-tag>
          <isis-prefix-tag-index>
            isis-prefix-tag-index
          </isis-prefix-tag-index>
          <isis-prefix-tag-value>
            isis-prefix-tag-value
          </isis-prefix-tag-value>
        </isis-prefix-tag>
      </isis-prefix-subtlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-prefix-tag>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <ipv6-reachability-tlv>
        <isis-prefix-subtlv>
          <isis-prefix-tag>
            <isis-prefix-tag-index>
              isis-prefix-tag-index
            </isis-prefix-tag-index>
            <isis-prefix-tag-value>
              isis-prefix-tag-value
            </isis-prefix-tag-value>
          </isis-prefix-tag>
        </isis-prefix-subtlv>
```

```

        </ipv6-reachability-tlv>
    </isis-tlv>
</isis-database-entry>
</isis-database>

```

Description

<isis-prefix-tag>

Usage

```

<isis-database>
<isis-database-entry>
<isis-tlv>
  <ip-prefix-tlv>
    <isis-prefix-subtlv>
      <isis-prefix-tag>
        <isis-prefix-tag-index>
          isis-prefix-tag-index
        </isis-prefix-tag-index>
        <isis-prefix-tag-value>
          isis-prefix-tag-value
        </isis-prefix-tag-value>
      </isis-prefix-tag>
    </isis-prefix-subtlv>
  </ip-prefix-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>

```

Description

<isis-prefix-tag>

Usage

```

<isis-database-information>
<isis-database>
<isis-database-entry>
<isis-tlv>
  <isis-prefix-subtlv>
    <isis-prefix-tag>
      <isis-prefix-tag-index>
        isis-prefix-tag-index
      </isis-prefix-tag-index>
      <isis-prefix-tag-value>
        isis-prefix-tag-value
      </isis-prefix-tag-value>
    </isis-prefix-tag>
  </isis-prefix-subtlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description**<isis-prefix-tag>****Usage**

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ipv6-reachability-tlv>
          <isis-prefix-subtlv>
            <isis-prefix-tag>
              <isis-prefix-tag-index>
                isis-prefix-tag-index
              </isis-prefix-tag-index>
              <isis-prefix-tag-value>
                isis-prefix-tag-value
              </isis-prefix-tag-value>
            </isis-prefix-tag>
          </isis-prefix-subtlv>
        </ipv6-reachability-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description**<isis-prefix-tag>****Usage**

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <ip-prefix-tlv>
          <isis-prefix-subtlv>
            <isis-prefix-tag>
              <isis-prefix-tag-index>
                isis-prefix-tag-index
              </isis-prefix-tag-index>
              <isis-prefix-tag-value>
                isis-prefix-tag-value
              </isis-prefix-tag-value>
            </isis-prefix-tag>
          </isis-prefix-subtlv>
        </ip-prefix-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<isis-prefix-tag>**Usage**

```

<isis-database-local>
  <isis-database-local-entry>
    <isis-database-local-data>
      <prefix-reachability>
        <isis-prefix-tag>
          <isis-prefix-tag-index>
            isis-prefix-tag-index
          </isis-prefix-tag-index>
          <isis-prefix-tag-value>
            isis-prefix-tag-value
          </isis-prefix-tag-value>
        </isis-prefix-tag>
      </prefix-reachability>
    </isis-database-local-data>
  </isis-database-local-entry>
</isis-database-local>

```

Description**<isis-prefix-tag>****Usage**

```

<isis-database-local-information>
  <isis-database-local>
    <isis-database-local-entry>
      <isis-database-local-data>
        <prefix-reachability>
          <isis-prefix-tag>
            <isis-prefix-tag-index>
              isis-prefix-tag-index
            </isis-prefix-tag-index>
            <isis-prefix-tag-value>
              isis-prefix-tag-value
            </isis-prefix-tag-value>
          </isis-prefix-tag>
        </prefix-reachability>
      </isis-database-local-data>
    </isis-database-local-entry>
  </isis-database-local>
</isis-database-local-information>

```

Description**<isis-reachability-subtlv>****Usage**

```

<isis-tlv>
  <reachability-tlv>
    <isis-reachability-subtlv>
      <isis-subtlv-type>
        isis-subtlv-type

```

```
</isis-subtlv-type>
<subtlv-length>
  subtlv-length
</subtlv-length>
<max-bandwidth>
  max-bandwidth
</max-bandwidth>
<max-reserve-bandwidth>
  max-reserve-bandwidth
</max-reserve-bandwidth>
<current-bandwidth-header>
  current-bandwidth-header
</current-bandwidth-header>
<current-reserve-bandwidth>
  current-reserve-bandwidth
</current-reserve-bandwidth>
<admin-groups>....</admin-groups>
<bandwidth-priority>
  bandwidth-priority
</bandwidth-priority>
<local-ifindex>
  local-ifindex
</local-ifindex>
<remote-ifindex>
  remote-ifindex
</remote-ifindex>
<address>
  address
</address>
<neighbor-prefix>
  neighbor-prefix
</neighbor-prefix>
<address-prefix>
  address-prefix
</address-prefix>
<prefix-err-message>
  prefix-err-message
</prefix-err-message>
<te-metric>
  te-metric
</te-metric>
<dste-bc-header>
  dste-bc-header
</dste-bc-header>
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</reachability-tlv>
```



```
</isis-tlv>
```

Description

<isis-reachability-subtlv>

Usage

```
<isis-tlv>
  <isis-reachability-subtlv>
    <isis-subtlv-type>
      isis-subtlv-type
    </isis-subtlv-type>
    <subtlv-length>
      subtlv-length
    </subtlv-length>
    <max-bandwidth>
      max-bandwidth
    </max-bandwidth>
    <max-reserve-bandwidth>
      max-reserve-bandwidth
    </max-reserve-bandwidth>
    <current-bandwidth-header>
      current-bandwidth-header
    </current-bandwidth-header>
    <current-reserve-bandwidth>
      current-reserve-bandwidth
    </current-reserve-bandwidth>
    <admin-groups>....</admin-groups>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <local-ifindex>
      local-ifindex
    </local-ifindex>
    <remote-ifindex>
      remote-ifindex
    </remote-ifindex>
    <address>
      address
    </address>
    <neighbor-prefix>
      neighbor-prefix
    </neighbor-prefix>
    <address-prefix>
      address-prefix
    </address-prefix>
    <prefix-err-message>
      prefix-err-message
    </prefix-err-message>
    <te-metric>
      te-metric
    </te-metric>
    <dste-bc-header>
      dste-bc-header
    </dste-bc-header>
```

```
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</isis-tlv>
```

Description

<isis-reachability-subtlv>

Usage

```
<isis-database-entry>
<isis-tlv>
  <reachability-tlv>
    <isis-reachability-subtlv>
      <isis-subtlv-type>
        isis-subtlv-type
      </isis-subtlv-type>
      <subtlv-length>
        subtlv-length
      </subtlv-length>
      <max-bandwidth>
        max-bandwidth
      </max-bandwidth>
      <max-reserve-bandwidth>
        max-reserve-bandwidth
      </max-reserve-bandwidth>
      <current-bandwidth-header>
        current-bandwidth-header
      </current-bandwidth-header>
      <current-reserve-bandwidth>
        current-reserve-bandwidth
      </current-reserve-bandwidth>
      <admin-groups>....</admin-groups>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <local-ifindex>
        local-ifindex
      </local-ifindex>
      <remote-ifindex>
        remote-ifindex
      </remote-ifindex>
      <address>
        address
      </address>
      <neighbor-prefix>
        neighbor-prefix
      </neighbor-prefix>
```

```

<address-prefix>
  address-prefix
</address-prefix>
<prefix-err-message>
  prefix-err-message
</prefix-err-message>
<te-metric>
  te-metric
</te-metric>
<dste-bc-header>
  dste-bc-header
</dste-bc-header>
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</reachability-tlv>
</isis-tlv>
</isis-database-entry>

```

Description

<isis-reachability-subtlv>

Usage

```

<isis-database-entry>
  <isis-tlv>
    <isis-reachability-subtlv>
      <isis-subtlv-type>
        isis-subtlv-type
      </isis-subtlv-type>
      <subtlv-length>
        subtlv-length
      </subtlv-length>
      <max-bandwidth>
        max-bandwidth
      </max-bandwidth>
      <max-reserve-bandwidth>
        max-reserve-bandwidth
      </max-reserve-bandwidth>
      <current-bandwidth-header>
        current-bandwidth-header
      </current-bandwidth-header>
      <current-reserve-bandwidth>
        current-reserve-bandwidth
      </current-reserve-bandwidth>
      <admin-groups>....</admin-groups>
      <bandwidth-priority>
        bandwidth-priority
    </isis-reachability-subtlv>
  </isis-tlv>
</isis-database-entry>

```

```
</bandwidth-priority>
<local-ifindex>
  local-ifindex
</local-ifindex>
<remote-ifindex>
  remote-ifindex
</remote-ifindex>
<address>
  address
</address>
<neighbor-prefix>
  neighbor-prefix
</neighbor-prefix>
<address-prefix>
  address-prefix
</address-prefix>
<prefix-err-message>
  prefix-err-message
</prefix-err-message>
<te-metric>
  te-metric
</te-metric>
<dste-bc-header>
  dste-bc-header
</dste-bc-header>
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</isis-tlv>
</isis-database-entry>
```

Description

<isis-reachability-subtlv>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-tlv>
    <reachability-tlv>
      <isis-reachability-subtlv>
        <isis-subtlv-type>
          isis-subtlv-type
        </isis-subtlv-type>
        <subtlv-length>
          subtlv-length
        </subtlv-length>
        <max-bandwidth>
```

```
    max-bandwidth
  </max-bandwidth>
  <max-reserve-bandwidth>
    max-reserve-bandwidth
  </max-reserve-bandwidth>
  <current-bandwidth-header>
    current-bandwidth-header
  </current-bandwidth-header>
  <current-reserve-bandwidth>
    current-reserve-bandwidth
  </current-reserve-bandwidth>
  <admin-groups>....</admin-groups>
  <bandwidth-priority>
    bandwidth-priority
  </bandwidth-priority>
  <local-ifindex>
    local-ifindex
  </local-ifindex>
  <remote-ifindex>
    remote-ifindex
  </remote-ifindex>
  <address>
    address
  </address>
  <neighbor-prefix>
    neighbor-prefix
  </neighbor-prefix>
  <address-prefix>
    address-prefix
  </address-prefix>
  <prefix-err-message>
    prefix-err-message
  </prefix-err-message>
  <te-metric>
    te-metric
  </te-metric>
  <dste-bc-header>
    dste-bc-header
  </dste-bc-header>
  <dste-bc-model>
    dste-bc-model
  </dste-bc-model>
  <dste-bc-count>
    dste-bc-count
  </dste-bc-count>
  <dste-bc-bw>
    dste-bc-bw
  </dste-bc-bw>
  </isis-reachability-subtlv>
</reachability-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<isis-reachability-subtlv>

Usage

```
<isis-database>
<isis-database-entry>
  <isis-tlv>
    <isis-reachability-subtlv>
      <isis-subtlv-type>
        isis-subtlv-type
      </isis-subtlv-type>
      <subtlv-length>
        subtlv-length
      </subtlv-length>
      <max-bandwidth>
        max-bandwidth
      </max-bandwidth>
      <max-reserve-bandwidth>
        max-reserve-bandwidth
      </max-reserve-bandwidth>
      <current-bandwidth-header>
        current-bandwidth-header
      </current-bandwidth-header>
      <current-reserve-bandwidth>
        current-reserve-bandwidth
      </current-reserve-bandwidth>
      <admin-groups>....</admin-groups>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <local-ifindex>
        local-ifindex
      </local-ifindex>
      <remote-ifindex>
        remote-ifindex
      </remote-ifindex>
      <address>
        address
      </address>
      <neighbor-prefix>
        neighbor-prefix
      </neighbor-prefix>
      <address-prefix>
        address-prefix
      </address-prefix>
      <prefix-err-message>
        prefix-err-message
      </prefix-err-message>
      <te-metric>
        te-metric
      </te-metric>
      <dste-bc-header>
        dste-bc-header
      </dste-bc-header>
      <dste-bc-model>
```

```

        dste-bc-model
      </dste-bc-model>
      <dste-bc-count>
        dste-bc-count
      </dste-bc-count>
      <dste-bc-bw>
        dste-bc-bw
      </dste-bc-bw>
    </isis-reachability-subtlv>
  </isis-tlv>
</isis-database-entry>
</isis-database>

```

Description

<isis-reachability-subtlv>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <reachability-tlv>
          <isis-reachability-subtlv>
            <isis-subtlv-type>
              isis-subtlv-type
            </isis-subtlv-type>
            <subtlv-length>
              subtlv-length
            </subtlv-length>
            <max-bandwidth>
              max-bandwidth
            </max-bandwidth>
            <max-reserve-bandwidth>
              max-reserve-bandwidth
            </max-reserve-bandwidth>
            <current-bandwidth-header>
              current-bandwidth-header
            </current-bandwidth-header>
            <current-reserve-bandwidth>
              current-reserve-bandwidth
            </current-reserve-bandwidth>
            <admin-groups>....</admin-groups>
            <bandwidth-priority>
              bandwidth-priority
            </bandwidth-priority>
            <local-ifindex>
              local-ifindex
            </local-ifindex>
            <remote-ifindex>
              remote-ifindex
            </remote-ifindex>
            <address>
              address
            </address>
          
```

```
<neighbor-prefix>
  neighbor-prefix
</neighbor-prefix>
<address-prefix>
  address-prefix
</address-prefix>
<prefix-err-message>
  prefix-err-message
</prefix-err-message>
<te-metric>
  te-metric
</te-metric>
<dste-bc-header>
  dste-bc-header
</dste-bc-header>
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</reachability-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<isis-reachability-subtlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-reachability-subtlv>
          <isis-subtlv-type>
            isis-subtlv-type
          </isis-subtlv-type>
          <subtlv-length>
            subtlv-length
          </subtlv-length>
          <max-bandwidth>
            max-bandwidth
          </max-bandwidth>
          <max-reserve-bandwidth>
            max-reserve-bandwidth
          </max-reserve-bandwidth>
          <current-bandwidth-header>
            current-bandwidth-header
```



```

</current-bandwidth-header>
<current-reserve-bandwidth>
  current-reserve-bandwidth
</current-reserve-bandwidth>
<admin-groups>....</admin-groups>
<bandwidth-priority>
  bandwidth-priority
</bandwidth-priority>
<local-ifindex>
  local-ifindex
</local-ifindex>
<remote-ifindex>
  remote-ifindex
</remote-ifindex>
<address>
  address
</address>
<neighbor-prefix>
  neighbor-prefix
</neighbor-prefix>
<address-prefix>
  address-prefix
</address-prefix>
<prefix-err-message>
  prefix-err-message
</prefix-err-message>
<te-metric>
  te-metric
</te-metric>
<dste-bc-header>
  dste-bc-header
</dste-bc-header>
<dste-bc-model>
  dste-bc-model
</dste-bc-model>
<dste-bc-count>
  dste-bc-count
</dste-bc-count>
<dste-bc-bw>
  dste-bc-bw
</dste-bc-bw>
</isis-reachability-subtlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description

<isis-replication-adjacency>

Usage

```

<isis-replication-adjacency>
  <interface-name>
    interface-name

```

```
</interface-name>
<system-name>
  system-name
</system-name>
<level>
  level
</level>
<adjacency-state>
  adjacency-state
</adjacency-state>
<snpa>
  snpa
</snpa>
<instance-name>
  instance-name
</instance-name>
<interface-index>
  interface-index
</interface-index>
<reference-count>
  reference-count
</reference-count>
<transition-count>
  transition-count
</transition-count>
<last-transition-time>
  last-transition-time
</last-transition-time>
<adjacency-event>
  adjacency-event
</adjacency-event>
</isis-replication-adjacency>
```

Description

<isis-replication-adjacency>

Usage

```
<isis-replication-adjacency-information>
<isis-replication-adjacency>
  <interface-name>
    interface-name
  </interface-name>
  <system-name>
    system-name
  </system-name>
  <level>
    level
  </level>
  <adjacency-state>
    adjacency-state
  </adjacency-state>
  <snpa>
    snpa
  </snpa>
```

```

<instance-name>
  instance-name
</instance-name>
<interface-index>
  interface-index
</interface-index>
<reference-count>
  reference-count
</reference-count>
<transition-count>
  transition-count
</transition-count>
<last-transition-time>
  last-transition-time
</last-transition-time>
<adjacency-event>
  adjacency-event
</adjacency-event>
</isis-replication-adjacency>
</isis-replication-adjacency-information>

```

Description

<isis-replication-adjacency-information>

Usage

```

<isis-replication-adjacency-information>
  <isis-replication-adjacency>....</isis-replication-adjacency>
</isis-replication-adjacency-information>

```

Description Information about the IS-IS adjacency replication

<isis-replication-database>

Usage

```

<isis-replication-database>
  <instance-name>
    instance-name
  </instance-name>
  <level>
    level
  </level>
  <isis-replication-database-entry>....</isis-replication-database-entry>
  <isis-replication-database-entry-count>
    isis-replication-database-entry-count
  </isis-replication-database-entry-count>
</isis-replication-database>

```

Description

<isis-replication-database>

Usage

```
<isis-replication-database-information>
  <isis-replication-database>
    <instance-name>
      instance-name
    </instance-name>
    <level>
      level
    </level>
    <isis-replication-database-entry>....</isis-replication-database-entry>
    <isis-replication-database-entry-count>
      isis-replication-database-entry-count
    </isis-replication-database-entry-count>
  </isis-replication-database>
</isis-replication-database-information>
```

Description

<isis-replication-database-entry>

Usage

```
<isis-replication-database-entry>
  <lsp-id>
    lsp-id
  </lsp-id>
  <sequence-number>
    sequence-number
  </sequence-number>
  <checksum>
    checksum
  </checksum>
  <remaining-lifetime>
    remaining-lifetime
  </remaining-lifetime>
  <replication-entry-in-use>
    replication-entry-in-use
  </replication-entry-in-use>
</isis-replication-database-entry>
```

Description

<isis-replication-database-entry>

Usage

```
<isis-replication-database>
  <isis-replication-database-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
```

```

<checksum>
  checksum
</checksum>
<remaining-lifetime>
  remaining-lifetime
</remaining-lifetime>
<replication-entry-in-use>
  replication-entry-in-use
</replication-entry-in-use>
</isis-replication-database-entry>
</isis-replication-database>

```

Description

<isis-replication-database-entry>

Usage

```

<isis-replication-database-information>
<isis-replication-database>
  <isis-replication-database-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <replication-entry-in-use>
      replication-entry-in-use
    </replication-entry-in-use>
  </isis-replication-database-entry>
</isis-replication-database>
</isis-replication-database-information>

```

Description

<isis-replication-database-information>

Usage

```

<isis-replication-database-information>
  <isis-replication-database>....</isis-replication-database>
</isis-replication-database-information>

```

Description Information about the IS-IS link-state database replication

<isis-replication-interface>

Usage

```
<isis-replication-interface>
  <interface-name>
    interface-name
  </interface-name>
  <instance-name>
    instance-name
  </instance-name>
  <circuit-id>
    circuit-id
  </circuit-id>
  <dr-id-one>
    dr-id-one
  </dr-id-one>
  <dr-id-two>
    dr-id-two
  </dr-id-two>
  <isis-interface-state-one>
    isis-interface-state-one
  </isis-interface-state-one>
  <isis-interface-state-two>
    isis-interface-state-two
  </isis-interface-state-two>
  <replication-entry-in-use>
    replication-entry-in-use
  </replication-entry-in-use>
</isis-replication-interface>
```

Description Information about the IS-IS interface replication

<isis-replication-interface>

Usage

```
<isis-replication-interface-information>
  <isis-replication-interface>
    <interface-name>
      interface-name
    </interface-name>
    <instance-name>
      instance-name
    </instance-name>
    <circuit-id>
      circuit-id
    </circuit-id>
    <dr-id-one>
      dr-id-one
    </dr-id-one>
    <dr-id-two>
      dr-id-two
    </dr-id-two>
    <isis-interface-state-one>
      isis-interface-state-one
```

```

</isis-interface-state-one>
<isis-interface-state-two>
  isis-interface-state-two
</isis-interface-state-two>
<replication-entry-in-use>
  replication-entry-in-use
</replication-entry-in-use>
</isis-replication-interface>
</isis-replication-interface-information>

```

Description Information about the IS-IS interface replication

<isis-replication-interface-information>

Usage

```

<isis-replication-interface-information>
  <isis-replication-interface>....</isis-replication-interface>
</isis-replication-interface-information>

```

Description

<isis-replication-statistics>

Usage

```

<isis-replication-statistics>
  <isis-replication-type>
    isis-replication-type
  </isis-replication-type>
  <add-messages>
    add-messages
  </add-messages>
  <change-messages>
    change-messages
  </change-messages>
  <delete-messages>
    delete-messages
  </delete-messages>
</isis-replication-statistics>

```

Description Statistics from an IS-IS replication

<isis-replication-statistics>

Usage

```

<isis-replication-statistics-information>
  <isis-replication-statistics>
    <isis-replication-type>
      isis-replication-type
    </isis-replication-type>
    <add-messages>
      add-messages
    </add-messages>

```

```
<change-messages>
  change-messages
</change-messages>
<delete-messages>
  delete-messages
</delete-messages>
</isis-replication-statistics>
</isis-replication-statistics-information>
```

Description Statistics from an IS-IS replication

<isis-replication-statistics-information>

Usage

```
<isis-replication-statistics-information>
  <isis-replication-statistics>....</isis-replication-statistics>
</isis-replication-statistics-information>
```

Description

<isis-replication-system-id>

Usage

```
<isis-replication-system-id>
  <instance-name>
    instance-name
  </instance-name>
  <system-id>
    system-id
  </system-id>
  <replication-entry-in-use>
    replication-entry-in-use
  </replication-entry-in-use>
</isis-replication-system-id>
```

Description Information about the IS-IS system ID replication

<isis-replication-system-id>

Usage

```
<isis-replication-system-id-information>
  <isis-replication-system-id>
    <instance-name>
      instance-name
    </instance-name>
    <system-id>
      system-id
    </system-id>
    <replication-entry-in-use>
      replication-entry-in-use
    </replication-entry-in-use>
  </isis-replication-system-id>
```



```
</isis-replication-system-id-information>
```

Description Information about the IS-IS system ID replication

<isis-replication-system-id-information>

Usage

```
<isis-replication-system-id-information>
  <isis-replication-system-id>.....</isis-replication-system-id>
</isis-replication-system-id-information>
```

Description

<isis-restart>

Usage

```
<isis-overview>
  <isis-restart>
    <isis-restart-enabled>
      isis-restart-enabled
    </isis-restart-enabled>
    <isis-restart-duration>
      isis-restart-duration
    </isis-restart-duration>
    <isis-restart-helper-mode-enabled>
      isis-restart-helper-mode-enabled
    </isis-restart-helper-mode-enabled>
  </isis-restart>
</isis-overview>
```

Description IS-IS restart parameters

<isis-restart>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-restart>
      <isis-restart-enabled>
        isis-restart-enabled
      </isis-restart-enabled>
      <isis-restart-duration>
        isis-restart-duration
      </isis-restart-duration>
      <isis-restart-helper-mode-enabled>
        isis-restart-helper-mode-enabled
      </isis-restart-helper-mode-enabled>
    </isis-restart>
  </isis-overview>
</isis-overview-information>
```

Description IS-IS restart parameters

<isis-route>

Usage

```
<isis-route>
  <address-prefix>
    address-prefix
  </address-prefix>
  <level>
    level
  </level>
  <route-version>
    route-version
  </route-version>
  <metric>
    metric
  </metric>
  <metric-type>
    metric-type
  </metric-type>
  <interface-name>
    interface-name
  </interface-name>
  <isis-next-hop-type>
    isis-next-hop-type
  </isis-next-hop-type>
  <isis-next-hop>
    isis-next-hop
  </isis-next-hop>
  <snpa>
    snpa
  </snpa>
</isis-route>
```

Description

<isis-route>

Usage

```
<isis-routing-table>
  <isis-route>
    <address-prefix>
      address-prefix
    </address-prefix>
    <level>
      level
    </level>
    <route-version>
      route-version
    </route-version>
    <metric>
      metric
    </metric>
    <metric-type>
```

```

        metric-type
      </metric-type>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type
    </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
  </isis-route>
</isis-routing-table>

```

Description

<isis-route>

Usage

```

<isis-route-information>
  <isis-routing-table>
    <isis-route>
      <address-prefix>
        address-prefix
      </address-prefix>
      <level>
        level
      </level>
      <route-version>
        route-version
      </route-version>
      <metric>
        metric
      </metric>
      <metric-type>
        metric-type
      </metric-type>
      <interface-name>
        interface-name
      </interface-name>
      <isis-next-hop-type>
        isis-next-hop-type
      </isis-next-hop-type>
      <isis-next-hop>
        isis-next-hop
      </isis-next-hop>
      <snpa>
        snpa
      </snpa>
    </isis-route>
  </isis-routing-table>

```

```
</isis-route-information>
```

Description

```
<isis-route-information>
```

Usage

```
<isis-route-information>  
  <isis-routing-table>....</isis-routing-table>  
</isis-route-information>
```

Description

```
<isis-routing>
```

Usage

```
<isis-overview>  
  <isis-routing>  
    <isis-routing-ipv4>  
      isis-routing-ipv4  
    </isis-routing-ipv4>  
    <isis-routing-ipv6>  
      isis-routing-ipv6  
    </isis-routing-ipv6>  
    <isis-routing-clns>  
      isis-routing-clns  
    </isis-routing-clns>  
  </isis-routing>  
</isis-overview>
```

Description List of routed IS-IS address families

```
<isis-routing>
```

Usage

```
<isis-overview-information>  
  <isis-overview>  
    <isis-routing>  
      <isis-routing-ipv4>  
        isis-routing-ipv4  
      </isis-routing-ipv4>  
      <isis-routing-ipv6>  
        isis-routing-ipv6  
      </isis-routing-ipv6>  
      <isis-routing-clns>  
        isis-routing-clns  
      </isis-routing-clns>  
    </isis-routing>  
  </isis-overview>  
</isis-overview-information>
```

Description List of routed IS-IS address families

<isis-routing-table>**Usage**

```

<isis-routing-table>
  <isis-topology-id>
    isis-topology-id
  </isis-topology-id>
  <level-one-version>
    level-one-version
  </level-one-version>
  <level-two-version>
    level-two-version
  </level-two-version>
  <isis-route>....</isis-route>
</isis-routing-table>

```

Description**<isis-routing-table>****Usage**

```

<isis-route-information>
  <isis-routing-table>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <level-one-version>
      level-one-version
    </level-one-version>
    <level-two-version>
      level-two-version
    </level-two-version>
    <isis-route>....</isis-route>
  </isis-routing-table>
</isis-route-information>

```

Description**<isis-spf>****Usage**

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-results-header>....</isis-spf-results-header>
      <isis-spf-result>....</isis-spf-result>
      <node-count>
        node-count
      </node-count>
      <isis-spf-log-header>....</isis-spf-log-header>
      <isis-spf-log>....</isis-spf-log>
      <isis-backup-spf-result>....</isis-backup-spf-result>
    </isis-spf>
  </isis-spf-information>

```

</isis-overview>

Description

<isis-spf>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-spf-results-header>....</isis-spf-results-header>
        <isis-spf-result>....</isis-spf-result>
        <node-count>
          node-count
        </node-count>
        <isis-spf-log-header>....</isis-spf-log-header>
        <isis-spf-log>....</isis-spf-log>
        <isis-backup-spf-result>....</isis-backup-spf-result>
      </isis-spf>
    </isis-spf-information>
  </isis-overview>
</isis-overview-information>
```

Description

<isis-spf>

Usage

```
<isis-spf>
  <isis-spf-results-header>....</isis-spf-results-header>
  <isis-spf-result>....</isis-spf-result>
  <node-count>
    node-count
  </node-count>
  <isis-spf-log-header>....</isis-spf-log-header>
  <isis-spf-log>....</isis-spf-log>
  <isis-backup-spf-result>....</isis-backup-spf-result>
</isis-spf>
```

Description

<isis-spf>

Usage

```
<isis-spf-information>
  <isis-spf>
    <isis-spf-results-header>....</isis-spf-results-header>
    <isis-spf-result>....</isis-spf-result>
    <node-count>
      node-count
    </node-count>
    <isis-spf-log-header>....</isis-spf-log-header>
    <isis-spf-log>....</isis-spf-log>
```

```

    <isis-backup-spf-result>....</isis-backup-spf-result>
  </isis-spf>
</isis-spf-information>

```

Description**<isis-spf-information>****Usage**

```

<isis-overview>
  <isis-spf-information>
    <isis-spf-delay>
      isis-spf-delay
    </isis-spf-delay>
    <isis-spf-holddown>
      isis-spf-holddown
    </isis-spf-holddown>
    <isis-spf-rapid-runs>
      isis-spf-rapid-runs
    </isis-spf-rapid-runs>
    <isis-spf>....</isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description SPF options**<isis-spf-information>****Usage**

```

<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf-delay>
        isis-spf-delay
      </isis-spf-delay>
      <isis-spf-holddown>
        isis-spf-holddown
      </isis-spf-holddown>
      <isis-spf-rapid-runs>
        isis-spf-rapid-runs
      </isis-spf-rapid-runs>
      <isis-spf>....</isis-spf>
    </isis-spf-information>
  </isis-overview>
</isis-overview-information>

```

Description SPF options**<isis-spf-information>****Usage**

```

<isis-spf-information>

```

```
<isis-spf-delay>
  isis-spf-delay
</isis-spf-delay>
<isis-spf-holddown>
  isis-spf-holddown
</isis-spf-holddown>
<isis-spf-rapid-runs>
  isis-spf-rapid-runs
</isis-spf-rapid-runs>
<isis-spf>.....</isis-spf>
</isis-spf-information>
```

Description SPF options

<isis-spf-log>

Usage

```
<isis-overview>
<isis-spf-information>
<isis-spf>
  <isis-spf-log>
    <start-time>
      start-time
    </start-time>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
    <spf-trigger-count>
      spf-trigger-count
    </spf-trigger-count>
    <logging-reason>
      logging-reason
    </logging-reason>
    <lsp-name>
      lsp-name
    </lsp-name>
    <system-name>
      system-name
    </system-name>
    <interface-name>
      interface-name
    </interface-name>
  </isis-spf-log>
</isis-spf>
</isis-spf-information>
</isis-overview>
```

Description

<isis-spf-log>

Usage

```
<isis-overview-information>
<isis-overview>
```



```

<isis-spf-information>
  <isis-spf>
    <isis-spf-log>
      <start-time>
        start-time
      </start-time>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
      <spf-trigger-count>
        spf-trigger-count
      </spf-trigger-count>
      <logging-reason>
        logging-reason
      </logging-reason>
      <lsp-name>
        lsp-name
      </lsp-name>
      <system-name>
        system-name
      </system-name>
      <interface-name>
        interface-name
      </interface-name>
    </isis-spf-log>
  </isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>

```

Description

<isis-spf-log>

Usage

```

<isis-spf-log>
  <start-time>
    start-time
  </start-time>
  <elapsed-time>
    elapsed-time
  </elapsed-time>
  <spf-trigger-count>
    spf-trigger-count
  </spf-trigger-count>
  <logging-reason>
    logging-reason
  </logging-reason>
  <lsp-name>
    lsp-name
  </lsp-name>
  <system-name>
    system-name
  </system-name>
  <interface-name>

```

```
interface-name
</interface-name>
</isis-spf-log>
```

Description

<isis-spf-log>

Usage

```
<isis-spf>
<isis-spf-log>
  <start-time>
    start-time
  </start-time>
  <elapsed-time>
    elapsed-time
  </elapsed-time>
  <spf-trigger-count>
    spf-trigger-count
  </spf-trigger-count>
  <logging-reason>
    logging-reason
  </logging-reason>
  <lsp-name>
    lsp-name
  </lsp-name>
  <system-name>
    system-name
  </system-name>
  <interface-name>
    interface-name
  </interface-name>
</isis-spf-log>
</isis-spf>
```

Description

<isis-spf-log>

Usage

```
<isis-spf-information>
<isis-spf>
  <isis-spf-log>
    <start-time>
      start-time
    </start-time>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
    <spf-trigger-count>
      spf-trigger-count
    </spf-trigger-count>
    <logging-reason>
      logging-reason
```

```

</logging-reason>
<lsp-name>
  lsp-name
</lsp-name>
<system-name>
  system-name
</system-name>
<interface-name>
  interface-name
</interface-name>
</isis-spf-log>
</isis-spf>
</isis-spf-information>

```

Description

<isis-spf-log-header>

Usage

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-log-header>
        <level>
          level
        </level>
        <isis-topology-id>
          isis-topology-id
        </isis-topology-id>
      </isis-spf-log-header>
    </isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description

<isis-spf-log-header>

Usage

```

<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-spf-log-header>
          <level>
            level
          </level>
          <isis-topology-id>
            isis-topology-id
          </isis-topology-id>
        </isis-spf-log-header>
      </isis-spf>
    </isis-spf-information>
  </isis-overview>

```

</isis-overview-information>

Description

<isis-spf-log-header>

Usage

```
<isis-spf-log-header>
  <level>
    level
  </level>
  <isis-topology-id>
    isis-topology-id
  </isis-topology-id>
</isis-spf-log-header>
```

Description

<isis-spf-log-header>

Usage

```
<isis-spf>
  <isis-spf-log-header>
    <level>
      level
    </level>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
  </isis-spf-log-header>
</isis-spf>
```

Description

<isis-spf-log-header>

Usage

```
<isis-spf-information>
  <isis-spf>
    <isis-spf-log-header>
      <level>
        level
      </level>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
    </isis-spf-log-header>
  </isis-spf>
</isis-spf-information>
```

Description

<isis-spf-result>

Usage

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-result>
        <node-id>
          node-id
        </node-id>
        <node-address>
          node-address
        </node-address>
        <disconnected>
          disconnected
        </disconnected>
        <metric>
          metric
        </metric>
        <no-first-fragment>
          no-first-fragment
        </no-first-fragment>
        <next-hop-element>....</next-hop-element>
        <prefix-element>....</prefix-element>
        <end-system-element>....</end-system-element>
      </isis-spf-result>
    </isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description

<isis-spf-result>

Usage

```

<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-spf-result>
          <node-id>
            node-id
          </node-id>
          <node-address>
            node-address
          </node-address>
          <disconnected>
            disconnected
          </disconnected>
          <metric>
            metric
          </metric>
          <no-first-fragment>
            no-first-fragment
          </no-first-fragment>

```

```
<next-hop-element>....</next-hop-element>
<prefix-element>....</prefix-element>
<end-system-element>....</end-system-element>
</isis-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>
```

Description

<isis-spf-result>

Usage

```
<isis-spf-result>
  <node-id>
    node-id
  </node-id>
  <node-address>
    node-address
  </node-address>
  <disconnected>
    disconnected
  </disconnected>
  <metric>
    metric
  </metric>
  <no-first-fragment>
    no-first-fragment
  </no-first-fragment>
  <next-hop-element>....</next-hop-element>
  <prefix-element>....</prefix-element>
  <end-system-element>....</end-system-element>
</isis-spf-result>
```

Description

<isis-spf-result>

Usage

```
<isis-spf>
  <isis-spf-result>
    <node-id>
      node-id
    </node-id>
    <node-address>
      node-address
    </node-address>
    <disconnected>
      disconnected
    </disconnected>
    <metric>
      metric
    </metric>
```

```

<no-first-fragment>
  no-first-fragment
</no-first-fragment>
<next-hop-element>....</next-hop-element>
<prefix-element>....</prefix-element>
<end-system-element>....</end-system-element>
</isis-spf-result>
</isis-spf>

```

Description

<isis-spf-result>

Usage

```

<isis-spf-information>
<isis-spf>
  <isis-spf-result>
    <node-id>
      node-id
    </node-id>
    <node-address>
      node-address
    </node-address>
    <disconnected>
      disconnected
    </disconnected>
    <metric>
      metric
    </metric>
    <no-first-fragment>
      no-first-fragment
    </no-first-fragment>
    <next-hop-element>....</next-hop-element>
    <prefix-element>....</prefix-element>
    <end-system-element>....</end-system-element>
  </isis-spf-result>
</isis-spf>
</isis-spf-information>

```

Description

<isis-spf-results-header>

Usage

```

<isis-overview>
<isis-spf-information>
<isis-spf>
  <isis-spf-results-header>
    <level>
      level
    </level>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>

```

```
</isis-spf-results-header>
</isis-spf>
</isis-spf-information>
</isis-overview>
```

Description

<isis-spf-results-header>

Usage

```
<isis-overview-information>
<isis-overview>
<isis-spf-information>
<isis-spf>
  <isis-spf-results-header>
    <level>
      level
    </level>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
  </isis-spf-results-header>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>
```

Description

<isis-spf-results-header>

Usage

```
<isis-spf-results-header>
<level>
  level
</level>
<isis-topology-id>
  isis-topology-id
</isis-topology-id>
</isis-spf-results-header>
```

Description

<isis-spf-results-header>

Usage

```
<isis-spf>
  <isis-spf-results-header>
    <level>
      level
    </level>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
```



```

    </isis-spf-results-header>
  </isis-spf>

```

Description

<isis-spf-results-header>

Usage

```

<isis-spf-information>
  <isis-spf>
    <isis-spf-results-header>
      <level>
        level
      </level>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
    </isis-spf-results-header>
  </isis-spf>
</isis-spf-information>

```

Description

<isis-srlg-tlv>

Usage

```

<isis-tlv>
  <isis-srlg-tlv>
    <address-prefix>
      address-prefix
    </address-prefix>
    <srlg-flag>
      srlg-flag
    </srlg-flag>
    <srlg-local-ifindex>
      srlg-local-ifindex
    </srlg-local-ifindex>
    <srlg-remote-ifindex>
      srlg-remote-ifindex
    </srlg-remote-ifindex>
    <srlg-address>
      srlg-address
    </srlg-address>
    <srlg-neighbor-prefix>
      srlg-neighbor-prefix
    </srlg-neighbor-prefix>
    <isis-srlg-value>....</isis-srlg-value>
  </isis-srlg-tlv>
</isis-tlv>

```

Description

<isis-srlg-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <isis-srlg-tlv>
      <address-prefix>
        address-prefix
      </address-prefix>
      <srlg-flag>
        srlg-flag
      </srlg-flag>
      <srlg-local-ifindex>
        srlg-local-ifindex
      </srlg-local-ifindex>
      <srlg-remote-ifindex>
        srlg-remote-ifindex
      </srlg-remote-ifindex>
      <srlg-address>
        srlg-address
      </srlg-address>
      <srlg-neighbor-prefix>
        srlg-neighbor-prefix
      </srlg-neighbor-prefix>
      <isis-srlg-value>....</isis-srlg-value>
    </isis-srlg-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<isis-srlg-tlv>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-srlg-tlv>
        <address-prefix>
          address-prefix
        </address-prefix>
        <srlg-flag>
          srlg-flag
        </srlg-flag>
        <srlg-local-ifindex>
          srlg-local-ifindex
        </srlg-local-ifindex>
        <srlg-remote-ifindex>
          srlg-remote-ifindex
        </srlg-remote-ifindex>
        <srlg-address>
          srlg-address
        </srlg-address>
        <srlg-neighbor-prefix>
          srlg-neighbor-prefix
```

```

        </srlg-neighbor-prefix>
        <isis-srlg-value>....</isis-srlg-value>
      </isis-srlg-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>

```

Description

<isis-srlg-tlv>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-srlg-tlv>
          <address-prefix>
            address-prefix
          </address-prefix>
          <srlg-flag>
            srlg-flag
          </srlg-flag>
          <srlg-local-ifindex>
            srlg-local-ifindex
          </srlg-local-ifindex>
          <srlg-remote-ifindex>
            srlg-remote-ifindex
          </srlg-remote-ifindex>
          <srlg-address>
            srlg-address
          </srlg-address>
          <srlg-neighbor-prefix>
            srlg-neighbor-prefix
          </srlg-neighbor-prefix>
          <isis-srlg-value>....</isis-srlg-value>
        </isis-srlg-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description

<isis-srlg-value>

Usage

```

<isis-tlv>
  <isis-srlg-tlv>
    <isis-srlg-value>
      <isis-srlg-name>
        isis-srlg-name
      </isis-srlg-name>
    </isis-srlg-value>
  </isis-srlg-tlv>
</isis-tlv>

```

```
</isis-srlg-tlv>
</isis-tlv>
```

Description

<isis-srlg-value>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <isis-srlg-tlv>
      <isis-srlg-value>
        <isis-srlg-name>
          isis-srlg-name
        </isis-srlg-name>
      </isis-srlg-value>
    </isis-srlg-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<isis-srlg-value>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-srlg-tlv>
        <isis-srlg-value>
          <isis-srlg-name>
            isis-srlg-name
          </isis-srlg-name>
        </isis-srlg-value>
      </isis-srlg-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<isis-srlg-value>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-srlg-tlv>
          <isis-srlg-value>
            <isis-srlg-name>
              isis-srlg-name
            </isis-srlg-name>
          </isis-srlg-value>
        </isis-srlg-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

```

        </isis-srlg-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description

<isis-statistics>

Usage

```

<isis-statistics>
  <system-name>
    system-name
  </system-name>
  <isis-pdu-statistics>....</isis-pdu-statistics>
  <totals-information>....</totals-information>
  <snp-queue-length>
    snp-queue-length
  </snp-queue-length>
  <snp-queue-drops>
    snp-queue-drops
  </snp-queue-drops>
  <lsp-queue-length>
    lsp-queue-length
  </lsp-queue-length>
  <lsp-queue-drops>
    lsp-queue-drops
  </lsp-queue-drops>
  <spf-runs>
    spf-runs
  </spf-runs>
  <fragments-rebuilt>
    fragments-rebuilt
  </fragments-rebuilt>
  <lsp-regenerated>
    lsp-regenerated
  </lsp-regenerated>
  <purges-initiated>
    purges-initiated
  </purges-initiated>
</isis-statistics>

```

Description

<isis-statistics>

Usage

```

<isis-statistics-information>
  <isis-statistics>
    <system-name>
      system-name
    </system-name>
    <isis-pdu-statistics>....</isis-pdu-statistics>
  </isis-statistics>

```

```
<totals-information>....</totals-information>
<snp-queue-length>
  snp-queue-length
</snp-queue-length>
<snp-queue-drops>
  snp-queue-drops
</snp-queue-drops>
<lsp-queue-length>
  lsp-queue-length
</lsp-queue-length>
<lsp-queue-drops>
  lsp-queue-drops
</lsp-queue-drops>
<spf-runs>
  spf-runs
</spf-runs>
<fragments-rebuilt>
  fragments-rebuilt
</fragments-rebuilt>
<lsp-regenerated>
  lsp-regenerated
</lsp-regenerated>
<purges-initiated>
  purges-initiated
</purges-initiated>
</isis-statistics>
</isis-statistics-information>
```

Description

<isis-statistics-information>

Usage

```
<isis-statistics-information>
  <isis-statistics>....</isis-statistics>
</isis-statistics-information>
```

Description

<isis-tlv>

Usage

```
<isis-tlv>
  <isis-tlv-overhead>....</isis-tlv-overhead>
  <area-address-tlv>....</area-address-tlv>
  <protocols-tlv>....</protocols-tlv>
  <mt-tlv>....</mt-tlv>
  <hostname-tlv>....</hostname-tlv>
  <ipaddress-tlv>....</ipaddress-tlv>
  <ipv6address-tlv>....</ipv6address-tlv>
  <router-id-tlv>....</router-id-tlv>
  <reachability-tlv>....</reachability-tlv>
  <isis-iso-prefix-tlv>....</isis-iso-prefix-tlv>
  <isis-prefix-subtlv>....</isis-prefix-subtlv>
```

```

<ipv6-reachability-tlv>....</ipv6-reachability-tlv>
<isis-reachability-subtlv>....</isis-reachability-subtlv>
<authentication-tlv>....</authentication-tlv>
<idrp-tlv>....</idrp-tlv>
<ip-prefix-tlv>....</ip-prefix-tlv>
<isis-srlg-tlv>....</isis-srlg-tlv>
<unknown-tlv>....</unknown-tlv>
<tlv-stragglers>....</tlv-stragglers>
</isis-tlv>

```

Description

<isis-tlv>

Usage

```

<isis-database-entry>
<isis-tlv>
  <isis-tlv-overhead>....</isis-tlv-overhead>
  <area-address-tlv>....</area-address-tlv>
  <protocols-tlv>....</protocols-tlv>
  <mt-tlv>....</mt-tlv>
  <hostname-tlv>....</hostname-tlv>
  <ipaddress-tlv>....</ipaddress-tlv>
  <ipv6address-tlv>....</ipv6address-tlv>
  <router-id-tlv>....</router-id-tlv>
  <reachability-tlv>....</reachability-tlv>
  <isis-iso-prefix-tlv>....</isis-iso-prefix-tlv>
  <isis-prefix-subtlv>....</isis-prefix-subtlv>
  <ipv6-reachability-tlv>....</ipv6-reachability-tlv>
  <isis-reachability-subtlv>....</isis-reachability-subtlv>
  <authentication-tlv>....</authentication-tlv>
  <idrp-tlv>....</idrp-tlv>
  <ip-prefix-tlv>....</ip-prefix-tlv>
  <isis-srlg-tlv>....</isis-srlg-tlv>
  <unknown-tlv>....</unknown-tlv>
  <tlv-stragglers>....</tlv-stragglers>
</isis-tlv>
</isis-database-entry>

```

Description

<isis-tlv>

Usage

```

<isis-database>
<isis-database-entry>
  <isis-tlv>
    <isis-tlv-overhead>....</isis-tlv-overhead>
    <area-address-tlv>....</area-address-tlv>
    <protocols-tlv>....</protocols-tlv>
    <mt-tlv>....</mt-tlv>
    <hostname-tlv>....</hostname-tlv>
    <ipaddress-tlv>....</ipaddress-tlv>
    <ipv6address-tlv>....</ipv6address-tlv>

```

```

<router-id-tlv>....</router-id-tlv>
<reachability-tlv>....</reachability-tlv>
<isis-iso-prefix-tlv>....</isis-iso-prefix-tlv>
<isis-prefix-subtlv>....</isis-prefix-subtlv>
<ipv6-reachability-tlv>....</ipv6-reachability-tlv>
<isis-reachability-subtlv>....</isis-reachability-subtlv>
<authentication-tlv>....</authentication-tlv>
<idrp-tlv>....</idrp-tlv>
<ip-prefix-tlv>....</ip-prefix-tlv>
<isis-srlg-tlv>....</isis-srlg-tlv>
<unknown-tlv>....</unknown-tlv>
<tlv-stragglers>....</tlv-stragglers>
</isis-tlv>
</isis-database-entry>
</isis-database>

```

Description

<isis-tlv>

Usage

```

<isis-database-information>
<isis-database>
<isis-database-entry>
<isis-tlv>
  <isis-tlv-overhead>....</isis-tlv-overhead>
  <area-address-tlv>....</area-address-tlv>
  <protocols-tlv>....</protocols-tlv>
  <mt-tlv>....</mt-tlv>
  <hostname-tlv>....</hostname-tlv>
  <ipaddress-tlv>....</ipaddress-tlv>
  <ipv6address-tlv>....</ipv6address-tlv>
  <router-id-tlv>....</router-id-tlv>
  <reachability-tlv>....</reachability-tlv>
  <isis-iso-prefix-tlv>....</isis-iso-prefix-tlv>
  <isis-prefix-subtlv>....</isis-prefix-subtlv>
  <ipv6-reachability-tlv>....</ipv6-reachability-tlv>
  <isis-reachability-subtlv>....</isis-reachability-subtlv>
  <authentication-tlv>....</authentication-tlv>
  <idrp-tlv>....</idrp-tlv>
  <ip-prefix-tlv>....</ip-prefix-tlv>
  <isis-srlg-tlv>....</isis-srlg-tlv>
  <unknown-tlv>....</unknown-tlv>
  <tlv-stragglers>....</tlv-stragglers>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description

<isis-tlv-overhead>**Usage**

```

<isis-tlv>
  <isis-tlv-overhead>
    <isis-tlv-type>
      isis-tlv-type
    </isis-tlv-type>
    <tlv-length>
      tlv-length
    </tlv-length>
    <bytes-left>
      bytes-left
    </bytes-left>
  </isis-tlv-overhead>
</isis-tlv>

```

Description**<isis-tlv-overhead>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <isis-tlv-overhead>
      <isis-tlv-type>
        isis-tlv-type
      </isis-tlv-type>
      <tlv-length>
        tlv-length
      </tlv-length>
      <bytes-left>
        bytes-left
      </bytes-left>
    </isis-tlv-overhead>
  </isis-tlv>
</isis-database-entry>

```

Description**<isis-tlv-overhead>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <isis-tlv-overhead>
        <isis-tlv-type>
          isis-tlv-type
        </isis-tlv-type>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>

```

```
        bytes-left
      </bytes-left>
    </isis-tlv-overhead>
  </isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<isis-tlv-overhead>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <isis-tlv-overhead>
          <isis-tlv-type>
            isis-tlv-type
          </isis-tlv-type>
          <tlv-length>
            tlv-length
          </tlv-length>
          <bytes-left>
            bytes-left
          </bytes-left>
        </isis-tlv-overhead>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<isis-traffic-engineering>

Usage

```
<isis-overview>
  <isis-traffic-engineering>
    <isis-te-status>
      isis-te-status
    </isis-te-status>
    <isis-te-shortcuts-ipv4>
      isis-te-shortcuts-ipv4
    </isis-te-shortcuts-ipv4>
    <isis-te-shortcuts-ipv6>
      isis-te-shortcuts-ipv6
    </isis-te-shortcuts-ipv6>
    <isis-te-shortcuts-clns>
      isis-te-shortcuts-clns
    </isis-te-shortcuts-clns>
    <isis-ipv4-multicast-rpf-routes>
      isis-ipv4-multicast-rpf-routes
    </isis-ipv4-multicast-rpf-routes>
```

```

<isis-ignore-lsp-metrics>
  isis-ignore-lsp-metrics
</isis-ignore-lsp-metrics>
<isis-ted-credibility-preference>
  isis-ted-credibility-preference
</isis-ted-credibility-preference>
</isis-traffic-engineering>
</isis-overview>

```

Description Traffic engineering

<isis-traffic-engineering>

Usage

```

<isis-overview-information>
<isis-overview>
  <isis-traffic-engineering>
    <isis-te-status>
      isis-te-status
    </isis-te-status>
    <isis-te-shortcuts-ipv4>
      isis-te-shortcuts-ipv4
    </isis-te-shortcuts-ipv4>
    <isis-te-shortcuts-ipv6>
      isis-te-shortcuts-ipv6
    </isis-te-shortcuts-ipv6>
    <isis-te-shortcuts-clns>
      isis-te-shortcuts-clns
    </isis-te-shortcuts-clns>
    <isis-ipv4-multicast-rpf-routes>
      isis-ipv4-multicast-rpf-routes
    </isis-ipv4-multicast-rpf-routes>
    <isis-ignore-lsp-metrics>
      isis-ignore-lsp-metrics
    </isis-ignore-lsp-metrics>
    <isis-ted-credibility-preference>
      isis-ted-credibility-preference
    </isis-ted-credibility-preference>
  </isis-traffic-engineering>
</isis-overview>
</isis-overview-information>

```

Description Traffic engineering

<join-family>

Usage

```

<pim-join-information>
  <join-family>
    <pim-instance>
      pim-instance
    </pim-instance>
  <address-family>

```

```
    address-family
  </address-family>
  <join-summary>....</join-summary>
  <join-group>....</join-group>
</join-family>
</pim-join-information>
```

Description

<join-group>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <rendezvous-point-address>
        rendezvous-point-address
      </rendezvous-point-address>
      <pim-group-flags>....</pim-group-flags>
      <upstream-protocol-name>
        upstream-protocol-name
      </upstream-protocol-name>
      <upstream-interface-name>
        upstream-interface-name
      </upstream-interface-name>
      <pim-interface-state>
        pim-interface-state
      </pim-interface-state>
      <upstream-neighbor>
        upstream-neighbor
      </upstream-neighbor>
      <upstream-neighbor-rpf-origin>
        upstream-neighbor-rpf-origin
      </upstream-neighbor-rpf-origin>
      <dense-event>....</dense-event>
      <downstream-interface>....</downstream-interface>
      <upstream-state-flags>....</upstream-state-flags>
      <keepalive-timeout>
        keepalive-timeout
      </keepalive-timeout>
      <no-keepalive-timeout>
        no-keepalive-timeout
      </no-keepalive-timeout>
      <sparse-downstream-interface>....</sparse-downstream-interface>
    </join-group>
  </join-family>
</pim-join-information>
```

Description

<join-summary>

Usage

```

<pim-join-information>
  <join-family>
    <join-summary>
      <multicast-route-type>
        multicast-route-type
      </multicast-route-type>
      <multicast-route-count>
        multicast-route-count
      </multicast-route-count>
    </join-summary>
  </join-family>
</pim-join-information>

```

Description

<juniper-routing-aspath>

Usage

```

<juniper-routing-aspath>
  <aspath-domain>....</aspath-domain>
  <aspath-table>....</aspath-table>
</juniper-routing-aspath>

```

Description

<l2circuit-connection-information>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>....</l2circuit-neighbor>
</l2circuit-connection-information>

```

Description

<l2circuit-neighbor>

Usage

```

<l2circuit-connection-information>
  <l2circuit-neighbor>
    <neighbor-address>
      neighbor-address
    </neighbor-address>
    <neighbor-display-error>
      neighbor-display-error
    </neighbor-display-error>
    <lsw-interface-name>
      lsw-interface-name
    </lsw-interface-name>
  </connection>....</connection>

```

```
<connections-summary>....</connections-summary>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description**<l2ckt-label-repository>****Usage**

```
<l2ckt-label-repository>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <vc-id>
    vc-id
  </vc-id>
  <vc-label>
    vc-label
  </vc-label>
  <label-repository-state>
    label-repository-state
  </label-repository-state>
</l2ckt-label-repository>
```

Description Information about one or more Layer-2 circuit label replication entries

<l2ckt-label-repository>**Usage**

```
<l2ckt-label-repository-information>
  <l2ckt-label-repository>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <vc-id>
      vc-id
    </vc-id>
    <vc-label>
      vc-label
    </vc-label>
    <label-repository-state>
      label-repository-state
    </label-repository-state>
  </l2ckt-label-repository>
</l2ckt-label-repository-information>
```

Description Information about one or more Layer-2 circuit label replication entries

<l2ckt-label-repository-information>**Usage**

```
<l2ckt-label-repository-information>
```

```
<l2ckt-label-repository>....</l2ckt-label-repository>
</l2ckt-label-repository-information>
```

Description Information about the Layer-2 circuit label replication

<l2iw-domain>

Usage

```
<l2iw-domain>
  <l2iw-domain-name>
    l2iw-domain-name
  </l2iw-domain-name>
</l2iw-domain>
```

Description

<l2iw-domain>

Usage

```
<l2iw-peering-information>
  <l2iw-domain>
    <l2iw-domain-name>
      l2iw-domain-name
    </l2iw-domain-name>
  </l2iw-domain>
</l2iw-peering-information>
```

Description

<l2iw-peering-information>

Usage

```
<l2iw-peering-information>
  <l2iw-domain>....</l2iw-domain>
</l2iw-peering-information>
```

Description

<l2vpn-connection-information>

Usage

```
<l2vpn-connection-information>
  <instance>....</instance>
</l2vpn-connection-information>
```

Description

<l2vpn-label-repository-information>

Usage

```
<l2vpn-label-repository-information>
```

```
<l2vpn-route-distinguisher-information>....</l2vpn-route-distinguisher-information>

</l2vpn-label-repository-information>
```

Description Information about Layer 2 VPN network label replication

<l2vpn-labels>

Usage

```
<l2vpn-labels>
  <instance-id>
    instance-id
  </instance-id>
  <site-id>
    site-id
  </site-id>
  <label-block-offset>
    label-block-offset
  </label-block-offset>
  <label-block-base>
    label-block-base
  </label-block-base>
  <label-block-range>
    label-block-range
  </label-block-range>
</l2vpn-labels>
```

Description Information about a Layer 2 VPN allocated label block entry

<l2vpn-labels>

Usage

```
<l2vpn-labels-information>
  <l2vpn-labels>
    <instance-id>
      instance-id
    </instance-id>
    <site-id>
      site-id
    </site-id>
    <label-block-offset>
      label-block-offset
    </label-block-offset>
    <label-block-base>
      label-block-base
    </label-block-base>
    <label-block-range>
      label-block-range
    </label-block-range>
  </l2vpn-labels>
</l2vpn-labels-information>
```


Description Information about a Layer 2 VPN allocated label block entry

<l2vpn-labels-information>

Usage

```
<l2vpn-labels-information>
  <l2vpn-labels>....</l2vpn-labels>
</l2vpn-labels-information>
```

Description Information about the l2vpn allocated label blocks

<l2vpn-nlri-advertisement>

Usage

```
<l2vpn-nlri-advertisement>
  <site-id>
    site-id
  </site-id>
  <label-block-offset>
    label-block-offset
  </label-block-offset>
  <label-block-base>
    label-block-base
  </label-block-base>
  <label-block-range>
    label-block-range
  </label-block-range>
  <label-repository-state>
    label-repository-state
  </label-repository-state>
</l2vpn-nlri-advertisement>
```

Description Information about a Layer 2 VPN network layer reachability information replication entry

<l2vpn-nlri-advertisement>

Usage

```
<l2vpn-route-distinguisher-information>
  <l2vpn-nlri-advertisement>
    <site-id>
      site-id
    </site-id>
    <label-block-offset>
      label-block-offset
    </label-block-offset>
    <label-block-base>
      label-block-base
    </label-block-base>
    <label-block-range>
      label-block-range
    </label-block-range>
    <label-repository-state>
```

```
        label-repository-state
      </label-repository-state>
    </l2vpn-nlri-advertisement>
  </l2vpn-route-distinguisher-information>
```

Description Information about a Layer 2 VPN network layer reachability information replication entry

<l2vpn-nlri-advertisement>

Usage

```
<l2vpn-label-repository-information>
  <l2vpn-route-distinguisher-information>
    <l2vpn-nlri-advertisement>
      <site-id>
        site-id
      </site-id>
      <label-block-offset>
        label-block-offset
      </label-block-offset>
      <label-block-base>
        label-block-base
      </label-block-base>
      <label-block-range>
        label-block-range
      </label-block-range>
      <label-repository-state>
        label-repository-state
      </label-repository-state>
    </l2vpn-nlri-advertisement>
  </l2vpn-route-distinguisher-information>
</l2vpn-label-repository-information>
```

Description Information about a Layer 2 VPN network layer reachability information replication entry

<l2vpn-nlri-advertisement>

Usage

```
<vpls-bgp-route-distinguisher-information>
  <l2vpn-nlri-advertisement>
    <site-id>
      site-id
    </site-id>
    <label-block-offset>
      label-block-offset
    </label-block-offset>
    <label-block-base>
      label-block-base
    </label-block-base>
    <label-block-range>
      label-block-range
    </label-block-range>
    <label-repository-state>
      label-repository-state
    </label-repository-state>
```

```

    </label-repository-state>
  </l2vpn-nlri-advertisement>
</vpls-bgp-route-distinguisher-information>

```

Description Information about a Layer 2 VPN network layer reachability information replication entry

<l2vpn-nlri-advertisement>

Usage

```

<vpls-bgp-label-repository-information>
  <vpls-bgp-route-distinguisher-information>
    <l2vpn-nlri-advertisement>
      <site-id>
        site-id
      </site-id>
      <label-block-offset>
        label-block-offset
      </label-block-offset>
      <label-block-base>
        label-block-base
      </label-block-base>
      <label-block-range>
        label-block-range
      </label-block-range>
      <label-repository-state>
        label-repository-state
      </label-repository-state>
    </l2vpn-nlri-advertisement>
  </vpls-bgp-route-distinguisher-information>
</vpls-bgp-label-repository-information>

```

Description Information about a Layer 2 VPN network layer reachability information replication entry

<l2vpn-route-distinguisher-information>

Usage

```

<l2vpn-route-distinguisher-information>
  <route-distinguisher>
    route-distinguisher
  </route-distinguisher>
  <instance-id>
    instance-id
  </instance-id>
  <l2vpn-nlri-advertisement>....</l2vpn-nlri-advertisement>
</l2vpn-route-distinguisher-information>

```

Description Information about a route distinguisher replication entry

<l2vpn-route-distinguisher-information>

Usage

```
<l2vpn-label-repository-information>
  <l2vpn-route-distinguisher-information>
    <route-distinguisher>
      route-distinguisher
    </route-distinguisher>
    <instance-id>
      instance-id
    </instance-id>
    <l2vpn-nlri-advertisement>....</l2vpn-nlri-advertisement>
  </l2vpn-route-distinguisher-information>
</l2vpn-label-repository-information>
```

Description Information about a route distinguisher replication entry

<label-block>

Usage

```
<label-block>
  <label-block-base>
    label-block-base
  </label-block-base>
  <label-block-offset>
    label-block-offset
  </label-block-offset>
  <label-block-range>
    label-block-range
  </label-block-range>
  <label-block-size>
    label-block-size
  </label-block-size>
  <label-block-preference>
    label-block-preference
  </label-block-preference>
  <label-block-status-vector>
    label-block-status-vector
  </label-block-status-vector>
</label-block>
```

Description

<label-block>

Usage

```
<instance>
  <reference-site>
    <label-block>
      <label-block-base>
        label-block-base
      </label-block-base>
      <label-block-offset>
```

```

        label-block-offset
      </label-block-offset>
    <label-block-range>
      label-block-range
    </label-block-range>
    <label-block-size>
      label-block-size
    </label-block-size>
    <label-block-preference>
      label-block-preference
    </label-block-preference>
    <label-block-status-vector>
      label-block-status-vector
    </label-block-status-vector>
  </label-block>
</reference-site>
</instance>

```

Description

<label-block>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference
        </label-block-preference>
        <label-block-status-vector>
          label-block-status-vector
        </label-block-status-vector>
      </label-block>
    </reference-site>
  </vpls-protocol-state>
</instance>

```

Description

<label-block>

Usage

```
<l2vpn-connection-information>
  <instance>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference
        </label-block-preference>
        <label-block-status-vector>
          label-block-status-vector
        </label-block-status-vector>
      </label-block>
    </reference-site>
  </instance>
</l2vpn-connection-information>
```

Description

<label-block>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <label-block>
          <label-block-base>
            label-block-base
          </label-block-base>
          <label-block-offset>
            label-block-offset
          </label-block-offset>
          <label-block-range>
            label-block-range
          </label-block-range>
          <label-block-size>
            label-block-size
          </label-block-size>
          <label-block-preference>
            label-block-preference
          </label-block-preference>
```

```

        <label-block-status-vector>
            label-block-status-vector
        </label-block-status-vector>
    </label-block>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<label-block>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference
        </label-block-preference>
        <label-block-status-vector>
          label-block-status-vector
        </label-block-status-vector>
      </label-block>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<label-block>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <label-block>
          <label-block-base>
            label-block-base
          </label-block-base>

```

```
<label-block-offset>
  label-block-offset
</label-block-offset>
<label-block-range>
  label-block-range
</label-block-range>
<label-block-size>
  label-block-size
</label-block-size>
<label-block-preference>
  label-block-preference
</label-block-preference>
<label-block-status-vector>
  label-block-status-vector
</label-block-status-vector>
</label-block>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>
```

Description

<label-block>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <label-block>
      <label-block-base>
        label-block-base
      </label-block-base>
      <label-block-offset>
        label-block-offset
      </label-block-offset>
      <label-block-range>
        label-block-range
      </label-block-range>
      <label-block-size>
        label-block-size
      </label-block-size>
      <label-block-preference>
        label-block-preference
      </label-block-preference>
      <label-block-status-vector>
        label-block-status-vector
      </label-block-status-vector>
    </label-block>
  </reference-site>
</instance>
</vpls-statistics-information>
```

Description

<label-block>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <label-block>
          <label-block-base>
            label-block-base
          </label-block-base>
          <label-block-offset>
            label-block-offset
          </label-block-offset>
          <label-block-range>
            label-block-range
          </label-block-range>
          <label-block-size>
            label-block-size
          </label-block-size>
          <label-block-preference>
            label-block-preference
          </label-block-preference>
          <label-block-status-vector>
            label-block-status-vector
          </label-block-status-vector>
        </label-block>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<label-block>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference

```

```
</label-block-preference>
<label-block-status-vector>
  label-block-status-vector
</label-block-status-vector>
</label-block>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<label-block>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference
        </label-block-preference>
        <label-block-status-vector>
          label-block-status-vector
        </label-block-status-vector>
      </label-block>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<label-block>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <label-block>
      <label-block-base>
```

```

    label-block-base
  </label-block-base>
  <label-block-offset>
    label-block-offset
  </label-block-offset>
  <label-block-range>
    label-block-range
  </label-block-range>
  <label-block-size>
    label-block-size
  </label-block-size>
  <label-block-preference>
    label-block-preference
  </label-block-preference>
  <label-block-status-vector>
    label-block-status-vector
  </label-block-status-vector>
</label-block>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<label-block>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <label-block>
            <label-block-base>
              label-block-base
            </label-block-base>
            <label-block-offset>
              label-block-offset
            </label-block-offset>
            <label-block-range>
              label-block-range
            </label-block-range>
            <label-block-size>
              label-block-size
            </label-block-size>
            <label-block-preference>
              label-block-preference
            </label-block-preference>
            <label-block-status-vector>
              label-block-status-vector
            </label-block-status-vector>
          </label-block>
        </reference-site>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<label-block>

Usage

```
<mvpn-instance-information>
  <instance>
    <reference-site>
      <label-block>
        <label-block-base>
          label-block-base
        </label-block-base>
        <label-block-offset>
          label-block-offset
        </label-block-offset>
        <label-block-range>
          label-block-range
        </label-block-range>
        <label-block-size>
          label-block-size
        </label-block-size>
        <label-block-preference>
          label-block-preference
        </label-block-preference>
        <label-block-status-vector>
          label-block-status-vector
        </label-block-status-vector>
      </label-block>
    </reference-site>
  </instance>
</mvpn-instance-information>
```

Description

<label-block>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <label-block>
          <label-block-base>
            label-block-base
          </label-block-base>
          <label-block-offset>
            label-block-offset
          </label-block-offset>
          <label-block-range>
            label-block-range
          </label-block-range>
        </label-block>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>
```

```

</label-block-range>
<label-block-size>
  label-block-size
</label-block-size>
<label-block-preference>
  label-block-preference
</label-block-preference>
<label-block-status-vector>
  label-block-status-vector
</label-block-status-vector>
</label-block>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description**<layer2-connection>****Usage**

```

<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <layer2-connection>
          <neighbor-address>
            neighbor-address
          </neighbor-address>
          <interface-name>
            interface-name
          </interface-name>
          <vc-id>
            vc-id
          </vc-id>
          <connection-bandwidth>....</connection-bandwidth>
        </layer2-connection>
      </mpls-lsp-path>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>

```

Description Layer 2 connection using the LSP path

<layer2-connection>**Usage**

```

<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <layer2-connection>
        <neighbor-address>
          neighbor-address
        </neighbor-address>

```

```
<interface-name>
  interface-name
</interface-name>
<vc-id>
  vc-id
</vc-id>
<connection-bandwidth>....</connection-bandwidth>
</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
```

Description Layer 2 connection using the LSP path

<layer2-connection>

Usage

```
<rsvp-session-information>
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
<mpls-lsp-path>
  <layer2-connection>
    <neighbor-address>
      neighbor-address
    </neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <vc-id>
      vc-id
    </vc-id>
    <connection-bandwidth>....</connection-bandwidth>
  </layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Layer 2 connection using the LSP path

<layer2-connection>

Usage

```
<mpls-lsp-path>
  <layer2-connection>
    <neighbor-address>
      neighbor-address
    </neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
```

```

    <vc-id>
      vc-id
    </vc-id>
    <connection-bandwidth>....</connection-bandwidth>
  </layer2-connection>
</mpls-lsp-path>

```

Description Layer 2 connection using the LSP path

<layer2-connection>

Usage

```

<mpls-lsp>
  <mpls-lsp-path>
    <layer2-connection>
      <neighbor-address>
        neighbor-address
      </neighbor-address>
      <interface-name>
        interface-name
      </interface-name>
      <vc-id>
        vc-id
      </vc-id>
      <connection-bandwidth>....</connection-bandwidth>
    </layer2-connection>
  </mpls-lsp-path>
</mpls-lsp>

```

Description Layer 2 connection using the LSP path

<layer2-connection>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <layer2-connection>
            <neighbor-address>
              neighbor-address
            </neighbor-address>
            <interface-name>
              interface-name
            </interface-name>
            <vc-id>
              vc-id
            </vc-id>
            <connection-bandwidth>....</connection-bandwidth>
          </layer2-connection>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

```
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Layer 2 connection using the LSP path

<layer2-connection>

Usage

```
<mpls-call-admission-control-information>
<mpls-call-admission-control>
  <mpls-lsp>
    <mpls-lsp-path>
      <layer2-connection>
        <neighbor-address>
          neighbor-address
        </neighbor-address>
        <interface-name>
          interface-name
        </interface-name>
        <vc-id>
          vc-id
        </vc-id>
        <connection-bandwidth>....</connection-bandwidth>
      </layer2-connection>
    </mpls-lsp-path>
  </mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description Layer 2 connection using the LSP path

<layer2-tspec>

Usage

```
<rsvp-session-data>
<rsvp-session>
  <layer2-tspec>
    <switching-granularity>
      switching-granularity
    </switching-granularity>
    <mtu>
      mtu
    </mtu>
    <atm-vp-bundle-size>
      atm-vp-bundle-size
    </atm-vp-bundle-size>
    <atm-cell-bundle-size>
      atm-cell-bundle-size
    </atm-cell-bundle-size>
  </layer2-tspec>
</rsvp-session>
```



```
</rsvp-session-data>
```

Description Layer 2 TSpec

<layer2-tspec>

Usage

```
<rsvp-session>
  <layer2-tspec>
    <switching-granularity>
      switching-granularity
    </switching-granularity>
    <mtu>
      mtu
    </mtu>
    <atm-vp-bundle-size>
      atm-vp-bundle-size
    </atm-vp-bundle-size>
    <atm-cell-bundle-size>
      atm-cell-bundle-size
    </atm-cell-bundle-size>
  </layer2-tspec>
</rsvp-session>
```

Description Layer 2 TSpec

<layer2-tspec>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <layer2-tspec>
        <switching-granularity>
          switching-granularity
        </switching-granularity>
        <mtu>
          mtu
        </mtu>
        <atm-vp-bundle-size>
          atm-vp-bundle-size
        </atm-vp-bundle-size>
        <atm-cell-bundle-size>
          atm-cell-bundle-size
        </atm-cell-bundle-size>
      </layer2-tspec>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Layer 2 TSpec

<layer2-tspec>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <layer2-tspec>
        <switching-granularity>
          switching-granularity
        </switching-granularity>
        <mtu>
          mtu
        </mtu>
        <atm-vp-bundle-size>
          atm-vp-bundle-size
        </atm-vp-bundle-size>
        <atm-cell-bundle-size>
          atm-cell-bundle-size
        </atm-cell-bundle-size>
      </layer2-tspec>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Layer 2 TSpec

<ldp-binding>

Usage

```
<ldp-database>
  <ldp-binding>
    <ldp-label>
      ldp-label
    </ldp-label>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-binding-filtered>
      ldp-binding-filtered
    </ldp-binding-filtered>
    <ldp-binding-stale>
      ldp-binding-stale
    </ldp-binding-stale>
    <ldp-binding-mtu>
      ldp-binding-mtu
    </ldp-binding-mtu>
    <ldp-binding-cell-bundle-size>
      ldp-binding-cell-bundle-size
    </ldp-binding-cell-bundle-size>
    <ldp-binding-requested-vlan-id>
      ldp-binding-requested-vlan-id
    </ldp-binding-requested-vlan-id>
    <ldp-binding-bitrate>
      ldp-binding-bitrate
```

```

</ldp-binding-bitrate>
<ldp-binding-payload-size>
  ldp-binding-payload-size
</ldp-binding-payload-size>
<ldp-binding-pw-status-code>
  ldp-binding-pw-status-code
</ldp-binding-pw-status-code>
<ldp-binding-state>
  ldp-binding-state
</ldp-binding-state>
<ldp-binding-age>
  ldp-binding-age
</ldp-binding-age>
<ldp-binding-delete-scheduled>
  ldp-binding-delete-scheduled
</ldp-binding-delete-scheduled>
<ldp-binding-queued>
  ldp-binding-queued
</ldp-binding-queued>
<ldp-binding-not-yet-sent>
  ldp-binding-not-yet-sent
</ldp-binding-not-yet-sent>
<ldp-binding-l2protec-context-id>
  ldp-binding-l2protec-context-id
</ldp-binding-l2protec-context-id>
<ldp-binding-l2protec-ctrl-word>
  ldp-binding-l2protec-ctrl-word
</ldp-binding-l2protec-ctrl-word>
<ldp-binding-standby>....</ldp-binding-standby>
<ldp-l2circuit-vccv-cc-type>....</ldp-l2circuit-vccv-cc-type>
<ldp-l2circuit-vccv-cv-type>....</ldp-l2circuit-vccv-cv-type>
</ldp-binding>
</ldp-database>

```

Description

<ldp-binding>

Usage

```

<ldp-database-information>
<ldp-database>
  <ldp-binding>
    <ldp-label>
      ldp-label
    </ldp-label>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-binding-filtered>
      ldp-binding-filtered
    </ldp-binding-filtered>
    <ldp-binding-stale>
      ldp-binding-stale
    </ldp-binding-stale>
    <ldp-binding-mtu>

```

```
    ldp-binding-mtu
  </ldp-binding-mtu>
  <ldp-binding-cell-bundle-size>
    ldp-binding-cell-bundle-size
  </ldp-binding-cell-bundle-size>
  <ldp-binding-requested-vlan-id>
    ldp-binding-requested-vlan-id
  </ldp-binding-requested-vlan-id>
  <ldp-binding-bitrate>
    ldp-binding-bitrate
  </ldp-binding-bitrate>
  <ldp-binding-payload-size>
    ldp-binding-payload-size
  </ldp-binding-payload-size>
  <ldp-binding-pw-status-code>
    ldp-binding-pw-status-code
  </ldp-binding-pw-status-code>
  <ldp-binding-state>
    ldp-binding-state
  </ldp-binding-state>
  <ldp-binding-age>
    ldp-binding-age
  </ldp-binding-age>
  <ldp-binding-delete-scheduled>
    ldp-binding-delete-scheduled
  </ldp-binding-delete-scheduled>
  <ldp-binding-queued>
    ldp-binding-queued
  </ldp-binding-queued>
  <ldp-binding-not-yet-sent>
    ldp-binding-not-yet-sent
  </ldp-binding-not-yet-sent>
  <ldp-binding-l2protec-context-id>
    ldp-binding-l2protec-context-id
  </ldp-binding-l2protec-context-id>
  <ldp-binding-l2protec-ctrl-word>
    ldp-binding-l2protec-ctrl-word
  </ldp-binding-l2protec-ctrl-word>
  <ldp-binding-standby>....</ldp-binding-standby>
  <ldp-l2circuit-vccv-cc-type>....</ldp-l2circuit-vccv-cc-type>
  <ldp-l2circuit-vccv-cv-type>....</ldp-l2circuit-vccv-cv-type>
</ldp-binding>
</ldp-database>
</ldp-database-information>
```

Description

<ldp-binding-standby>

Usage

```
<ldp-database>
  <ldp-binding>
    <ldp-binding-standby>
      <ldp-binding-standby-map-count>
        ldp-binding-standby-map-count
```

```

        </ldp-binding-standby-map-count>
        <ldp-binding-standby-rel-count>
            ldp-binding-standby-rel-count
        </ldp-binding-standby-rel-count>
    </ldp-binding-standby>
</ldp-binding>
</ldp-database>

```

Description Standby binding information

<ldp-binding-standby>

Usage

```

<ldp-database-information>
<ldp-database>
<ldp-binding>
    <ldp-binding-standby>
        <ldp-binding-standby-map-count>
            ldp-binding-standby-map-count
        </ldp-binding-standby-map-count>
        <ldp-binding-standby-rel-count>
            ldp-binding-standby-rel-count
        </ldp-binding-standby-rel-count>
    </ldp-binding-standby>
</ldp-binding>
</ldp-database>
</ldp-database-information>

```

Description Standby binding information

<ldp-database>

Usage

```

<ldp-database>
<ldp-database-type>
    ldp-database-type
</ldp-database-type>
<ldp-session-id>
    ldp-session-id
</ldp-session-id>
<ldp-binding>.....</ldp-binding>
</ldp-database>

```

Description

<ldp-database>

Usage

```

<ldp-database-information>
<ldp-database>
<ldp-database-type>
    ldp-database-type

```

```
</ldp-database-type>
<ldp-session-id>
  ldp-session-id
</ldp-session-id>
<ldp-binding>....</ldp-binding>
</ldp-database>
</ldp-database-information>
```

Description

<ldp-database-information>

Usage

```
<ldp-database-information>
  <ldp-database>....</ldp-database>
</ldp-database-information>
```

Description

<ldp-egress-nh>

Usage

```
<ldp-p2mp-path>
  <ldp-egress-nh>
    <ldp-egress-nh-type>
      ldp-egress-nh-type
    </ldp-egress-nh-type>
    <interface-name>
      interface-name
    </interface-name>
  </ldp-egress-nh>
</ldp-p2mp-path>
```

Description

<ldp-egress-nh>

Usage

```
<ldp-p2mp-path-information>
  <ldp-p2mp-path>
    <ldp-egress-nh>
      <ldp-egress-nh-type>
        ldp-egress-nh-type
      </ldp-egress-nh-type>
      <interface-name>
        interface-name
      </interface-name>
    </ldp-egress-nh>
  </ldp-p2mp-path>
</ldp-p2mp-path-information>
```

Description

<ldp-event-statistics>**Usage**

```

<ldp-statistics>
  <ldp-event-statistics>
    <ldp-event-type>
      ldp-event-type
    </ldp-event-type>
    <ldp-event-count>
      ldp-event-count
    </ldp-event-count>
    <ldp-event-count-5seconds>
      ldp-event-count-5seconds
    </ldp-event-count-5seconds>
  </ldp-event-statistics>
</ldp-statistics>

```

Description**<ldp-event-statistics>****Usage**

```

<ldp-statistics-information>
  <ldp-statistics>
    <ldp-event-statistics>
      <ldp-event-type>
        ldp-event-type
      </ldp-event-type>
      <ldp-event-count>
        ldp-event-count
      </ldp-event-count>
      <ldp-event-count-5seconds>
        ldp-event-count-5seconds
      </ldp-event-count-5seconds>
    </ldp-event-statistics>
  </ldp-statistics>
</ldp-statistics-information>

```

Description**<ldp-fec-filter>****Usage**

```

<ldp-fec-filter>
  <ldp-prefix>
    ldp-prefix
  </ldp-prefix>
  <ldp-ingress-filter>
    ldp-ingress-filter
  </ldp-ingress-filter>
  <ldp-ingress-filterid>
    ldp-ingress-filterid
  </ldp-ingress-filterid>
  <ldp-transit-filter>

```

```
    ldp-transit-filter
  </ldp-transit-filter>
  <ldp-transit-filterid>
    ldp-transit-filterid
  </ldp-transit-filterid>
</ldp-fec-filter>
```

Description

<ldp-fec-filter>

Usage

```
<ldp-fec-filters-information>
  <ldp-fec-filter>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-ingress-filter>
      ldp-ingress-filter
    </ldp-ingress-filter>
    <ldp-ingress-filterid>
      ldp-ingress-filterid
    </ldp-ingress-filterid>
    <ldp-transit-filter>
      ldp-transit-filter
    </ldp-transit-filter>
    <ldp-transit-filterid>
      ldp-transit-filterid
    </ldp-transit-filterid>
  </ldp-fec-filter>
</ldp-fec-filters-information>
```

Description

<ldp-fec-filters-information>

Usage

```
<ldp-fec-filters-information>
  <ldp-fec-filter>....</ldp-fec-filter>
</ldp-fec-filters-information>
```

Description

<ldp-interface>

Usage

```
<ldp-interface>
  <interface-name>
    interface-name
  </interface-name>
  <ldp-label-space-id>
    ldp-label-space-id
  </ldp-label-space-id>
  <ldp-neighbor-count>
```



```

    ldp-neighbor-count
  </ldp-neighbor-count>
  <ldp-next-hello>
    ldp-next-hello
  </ldp-next-hello>
  <ldp-hello-interval>
    ldp-hello-interval
  </ldp-hello-interval>
  <ldp-local-hello-interval>
    ldp-local-hello-interval
  </ldp-local-hello-interval>
  <ldp-holdtime>
    ldp-holdtime
  </ldp-holdtime>
  <ldp-transport-address>
    ldp-transport-address
  </ldp-transport-address>
  <ldp-interface-index>
    ldp-interface-index
  </ldp-interface-index>
  <ldp-block-time>
    ldp-block-time
  </ldp-block-time>
  <ldp-hello-sent>
    ldp-hello-sent
  </ldp-hello-sent>
  <ldp-hello-received>
    ldp-hello-received
  </ldp-hello-received>
</ldp-interface>

```

Description

<ldp-interface>

Usage

```

<ldp-interface-information>
  <ldp-interface>
    <interface-name>
      interface-name
    </interface-name>
    <ldp-label-space-id>
      ldp-label-space-id
    </ldp-label-space-id>
    <ldp-neighbor-count>
      ldp-neighbor-count
    </ldp-neighbor-count>
    <ldp-next-hello>
      ldp-next-hello
    </ldp-next-hello>
    <ldp-hello-interval>
      ldp-hello-interval
    </ldp-hello-interval>
    <ldp-local-hello-interval>
      ldp-local-hello-interval

```

```
</ldp-local-hello-interval>
<ldp-holdtime>
  ldp-holdtime
</ldp-holdtime>
<ldp-transport-address>
  ldp-transport-address
</ldp-transport-address>
<ldp-interface-index>
  ldp-interface-index
</ldp-interface-index>
<ldp-block-time>
  ldp-block-time
</ldp-block-time>
<ldp-hello-sent>
  ldp-hello-sent
</ldp-hello-sent>
<ldp-hello-received>
  ldp-hello-received
</ldp-hello-received>
</ldp-interface>
</ldp-interface-information>
```

Description

<ldp-interface-information>

Usage

```
<ldp-interface-information>
  <ldp-interface>.....</ldp-interface>
</ldp-interface-information>
```

Description

<ldp-l2circuit-vccv-cc-type>

Usage

```
<ldp-database>
  <ldp-binding>
    <ldp-l2circuit-vccv-cc-type>
      <mpls-type-control-word>
        mpls-type-control-word
      </mpls-type-control-word>
      <mpls-type-router-alert>
        mpls-type-router-alert
      </mpls-type-router-alert>
      <mpls-type-pw-label>
        mpls-type-pw-label
      </mpls-type-pw-label>
    </ldp-l2circuit-vccv-cc-type>
  </ldp-binding>
</ldp-database>
```

Description VCCV connectivity channel types supported by peer

<ldp-l2circuit-vccv-cc-type>**Usage**

```

<ldp-database-information>
  <ldp-database>
    <ldp-binding>
      <ldp-l2circuit-vccv-cc-type>
        <mpls-type-control-word>
          mpls-type-control-word
        </mpls-type-control-word>
        <mpls-type-router-alert>
          mpls-type-router-alert
        </mpls-type-router-alert>
        <mpls-type-pw-label>
          mpls-type-pw-label
        </mpls-type-pw-label>
      </ldp-l2circuit-vccv-cc-type>
    </ldp-binding>
  </ldp-database>
</ldp-database-information>

```

Description VCCV connectivity channel types supported by peer

<ldp-l2circuit-vccv-cv-type>**Usage**

```

<ldp-database>
  <ldp-binding>
    <ldp-l2circuit-vccv-cv-type>
      <mpls-type-icmp-ping>
        mpls-type-icmp-ping
      </mpls-type-icmp-ping>
      <mpls-type-lsp-ping>
        mpls-type-lsp-ping
      </mpls-type-lsp-ping>
      <mpls-type-bfd-pw-ach-fd>
        mpls-type-bfd-pw-ach-fd
      </mpls-type-bfd-pw-ach-fd>
      <mpls-type-bfd-pw-ach-fd-fss>
        mpls-type-bfd-pw-ach-fd-fss
      </mpls-type-bfd-pw-ach-fd-fss>
      <mpls-type-bfd-ip-udp-fd>
        mpls-type-bfd-ip-udp-fd
      </mpls-type-bfd-ip-udp-fd>
      <mpls-type-bfd-ip-udp-fd-fss>
        mpls-type-bfd-ip-udp-fd-fss
      </mpls-type-bfd-ip-udp-fd-fss>
    </ldp-l2circuit-vccv-cv-type>
  </ldp-binding>
</ldp-database>

```

Description VCCV connectivity verification types supported by peer

<ldp-l2circuit-vccv-cv-type>

Usage

```
<ldp-database-information>
  <ldp-database>
    <ldp-binding>
      <ldp-l2circuit-vccv-cv-type>
        <mpls-type-icmp-ping>
          mpls-type-icmp-ping
        </mpls-type-icmp-ping>
        <mpls-type-lsp-ping>
          mpls-type-lsp-ping
        </mpls-type-lsp-ping>
        <mpls-type-bfd-pw-ach-fd>
          mpls-type-bfd-pw-ach-fd
        </mpls-type-bfd-pw-ach-fd>
        <mpls-type-bfd-pw-ach-fd-fss>
          mpls-type-bfd-pw-ach-fd-fss
        </mpls-type-bfd-pw-ach-fd-fss>
        <mpls-type-bfd-ip-udp-fd>
          mpls-type-bfd-ip-udp-fd
        </mpls-type-bfd-ip-udp-fd>
        <mpls-type-bfd-ip-udp-fd-fss>
          mpls-type-bfd-ip-udp-fd-fss
        </mpls-type-bfd-ip-udp-fd-fss>
      </ldp-l2circuit-vccv-cv-type>
    </ldp-binding>
  </ldp-database>
</ldp-database-information>
```

Description VCCV connectivity verification types supported by peer

<ldp-message-statistics>

Usage

```
<ldp-statistics>
  <ldp-message-statistics>
    <ldp-message-type>
      ldp-message-type
    </ldp-message-type>
    <ldp-messages-sent>
      ldp-messages-sent
    </ldp-messages-sent>
    <ldp-messages-received>
      ldp-messages-received
    </ldp-messages-received>
    <ldp-messages-sent-5seconds>
      ldp-messages-sent-5seconds
    </ldp-messages-sent-5seconds>
    <ldp-messages-received-5seconds>
      ldp-messages-received-5seconds
    </ldp-messages-received-5seconds>
  </ldp-message-statistics>
```

```
</ldp-statistics>
```

Description

<ldp-message-statistics>

Usage

```
<ldp-statistics-information>
  <ldp-statistics>
    <ldp-message-statistics>
      <ldp-message-type>
        ldp-message-type
      </ldp-message-type>
      <ldp-messages-sent>
        ldp-messages-sent
      </ldp-messages-sent>
      <ldp-messages-received>
        ldp-messages-received
      </ldp-messages-received>
      <ldp-messages-sent-5seconds>
        ldp-messages-sent-5seconds
      </ldp-messages-sent-5seconds>
      <ldp-messages-received-5seconds>
        ldp-messages-received-5seconds
      </ldp-messages-received-5seconds>
    </ldp-message-statistics>
  </ldp-statistics>
</ldp-statistics-information>
```

Description

<ldp-neighbor>

Usage

```
<ldp-neighbor>
  <ldp-neighbor-address>
    ldp-neighbor-address
  </ldp-neighbor-address>
  <interface-name>
    interface-name
  </interface-name>
  <ldp-label-space-id>
    ldp-label-space-id
  </ldp-label-space-id>
  <ldp-remaining-time>
    ldp-remaining-time
  </ldp-remaining-time>
  <ldp-transport-address>
    ldp-transport-address
  </ldp-transport-address>
  <ldp-config-sequence>
    ldp-config-sequence
  </ldp-config-sequence>
  <ldp-up-time>
```

```
    ldp-up-time
  </ldp-up-time>
  <ldp-reference-count>
    ldp-reference-count
  </ldp-reference-count>
  <ldp-holdtime>
    ldp-holdtime
  </ldp-holdtime>
  <ldp-proposed-local-holdtime>
    ldp-proposed-local-holdtime
  </ldp-proposed-local-holdtime>
  <ldp-proposed-peer-holdtime>
    ldp-proposed-peer-holdtime
  </ldp-proposed-peer-holdtime>
  <ldp-hello-interval>
    ldp-hello-interval
  </ldp-hello-interval>
  <ldp-neighbor-hello-flags>....</ldp-neighbor-hello-flags>
  <ldp-neighbor-types>....</ldp-neighbor-types>
</ldp-neighbor>
```

Description

<ldp-neighbor>

Usage

```
<ldp-neighbor-information>
  <ldp-neighbor>
    <ldp-neighbor-address>
      ldp-neighbor-address
    </ldp-neighbor-address>
    <interface-name>
      interface-name
    </interface-name>
    <ldp-label-space-id>
      ldp-label-space-id
    </ldp-label-space-id>
    <ldp-remaining-time>
      ldp-remaining-time
    </ldp-remaining-time>
    <ldp-transport-address>
      ldp-transport-address
    </ldp-transport-address>
    <ldp-config-sequence>
      ldp-config-sequence
    </ldp-config-sequence>
    <ldp-up-time>
      ldp-up-time
    </ldp-up-time>
    <ldp-reference-count>
      ldp-reference-count
    </ldp-reference-count>
    <ldp-holdtime>
      ldp-holdtime
    </ldp-holdtime>
```

```

<ldp-proposed-local-holdtime>
  ldp-proposed-local-holdtime
</ldp-proposed-local-holdtime>
<ldp-proposed-peer-holdtime>
  ldp-proposed-peer-holdtime
</ldp-proposed-peer-holdtime>
<ldp-hello-interval>
  ldp-hello-interval
</ldp-hello-interval>
<ldp-neighbor-hello-flags>....</ldp-neighbor-hello-flags>
<ldp-neighbor-types>....</ldp-neighbor-types>
</ldp-neighbor>
</ldp-neighbor-information>

```

Description**<ldp-neighbor-hello-flags>****Usage**

```

<ldp-neighbor-hello-flags>
  <ldp-neighbor-hello-flag>
    ldp-neighbor-hello-flag
  </ldp-neighbor-hello-flag>
</ldp-neighbor-hello-flags>

```

Description LDP neighbor hello flags**<ldp-neighbor-hello-flags>****Usage**

```

<ldp-neighbor>
  <ldp-neighbor-hello-flags>
    <ldp-neighbor-hello-flag>
      ldp-neighbor-hello-flag
    </ldp-neighbor-hello-flag>
  </ldp-neighbor-hello-flags>
</ldp-neighbor>

```

Description LDP neighbor hello flags**<ldp-neighbor-hello-flags>****Usage**

```

<ldp-neighbor-information>
  <ldp-neighbor>
    <ldp-neighbor-hello-flags>
      <ldp-neighbor-hello-flag>
        ldp-neighbor-hello-flag
      </ldp-neighbor-hello-flag>
    </ldp-neighbor-hello-flags>
  </ldp-neighbor>

```

```
</ldp-neighbor-information>
```

Description LDP neighbor hello flags

<ldp-neighbor-information>

Usage

```
<ldp-neighbor-information>  
  <ldp-neighbor>.....</ldp-neighbor>  
</ldp-neighbor-information>
```

Description

<ldp-neighbor-replication>

Usage

```
<ldp-neighbor-replication>  
  <ldp-instance-id>  
    ldp-instance-id  
  </ldp-instance-id>  
  <ldp-neighbor-address>  
    ldp-neighbor-address  
  </ldp-neighbor-address>  
  <interface-name>  
    interface-name  
  </interface-name>  
  <ldp-neighbor-replication-state>  
    ldp-neighbor-replication-state  
  </ldp-neighbor-replication-state>  
  <ldp-interface-index>  
    ldp-interface-index  
  </ldp-interface-index>  
  <ldp-neighbor-replication-age>  
    ldp-neighbor-replication-age  
  </ldp-neighbor-replication-age>  
  <ldp-reference-count>  
    ldp-reference-count  
  </ldp-reference-count>  
</ldp-neighbor-replication>
```

Description Neighbor replication entry

<ldp-neighbor-replication>

Usage

```
<ldp-neighbor-replication-information>  
  <ldp-neighbor-replication>  
    <ldp-instance-id>  
      ldp-instance-id  
    </ldp-instance-id>  
    <ldp-neighbor-address>  
      ldp-neighbor-address
```



```

</ldp-neighbor-address>
<interface-name>
  interface-name
</interface-name>
<ldp-neighbor-replication-state>
  ldp-neighbor-replication-state
</ldp-neighbor-replication-state>
<ldp-interface-index>
  ldp-interface-index
</ldp-interface-index>
<ldp-neighbor-replication-age>
  ldp-neighbor-replication-age
</ldp-neighbor-replication-age>
<ldp-reference-count>
  ldp-reference-count
</ldp-reference-count>
</ldp-neighbor-replication>
</ldp-neighbor-replication-information>

```

Description Neighbor replication entry

<ldp-neighbor-replication-information>

Usage

```

<ldp-neighbor-replication-information>
  <ldp-neighbor-replication>....</ldp-neighbor-replication>
</ldp-neighbor-replication-information>

```

Description

<ldp-neighbor-types>

Usage

```

<ldp-neighbor-types>
  <ldp-neighbor-type>
    ldp-neighbor-type
  </ldp-neighbor-type>
</ldp-neighbor-types>

```

Description LDP neighbor types

<ldp-neighbor-types>

Usage

```

<ldp-neighbor>
  <ldp-neighbor-types>
    <ldp-neighbor-type>
      ldp-neighbor-type
    </ldp-neighbor-type>
  </ldp-neighbor-types>
</ldp-neighbor>

```

Description LDP neighbor types

<ldp-neighbor-types>

Usage

```
<ldp-neighbor-information>
  <ldp-neighbor>
    <ldp-neighbor-types>
      <ldp-neighbor-type>
        ldp-neighbor-type
      </ldp-neighbor-type>
    </ldp-neighbor-types>
  </ldp-neighbor>
</ldp-neighbor-information>
```

Description LDP neighbor types

<ldp-neighbor-types>

Usage

```
<ldp-session>
  <ldp-neighbor-types>
    <ldp-neighbor-type>
      ldp-neighbor-type
    </ldp-neighbor-type>
  </ldp-neighbor-types>
</ldp-session>
```

Description LDP neighbor types

<ldp-neighbor-types>

Usage

```
<ldp-session-information>
  <ldp-session>
    <ldp-neighbor-types>
      <ldp-neighbor-type>
        ldp-neighbor-type
      </ldp-neighbor-type>
    </ldp-neighbor-types>
  </ldp-session>
</ldp-session-information>
```

Description LDP neighbor types

<ldp-nexthop>

Usage

```
<ldp-route>
  <ldp-nexthop>
    <interface-name>
```

```

        interface-name
      </interface-name>
      <lsp-name>
        lsp-name
      </lsp-name>
      <lsp-no-ldp-tunneling>
        lsp-no-ldp-tunneling
      </lsp-no-ldp-tunneling>
      <interface-address>
        interface-address
      </interface-address>
      <ldp-session-id>
        ldp-session-id
      </ldp-session-id>
      <ldp-nexthop>
    </ldp-route>

```

Description

<ldp-nexthop>

Usage

```

<ldp-route-information>
  <ldp-route>
    <ldp-nexthop>
      <interface-name>
        interface-name
      </interface-name>
      <lsp-name>
        lsp-name
      </lsp-name>
      <lsp-no-ldp-tunneling>
        lsp-no-ldp-tunneling
      </lsp-no-ldp-tunneling>
      <interface-address>
        interface-address
      </interface-address>
      <ldp-session-id>
        ldp-session-id
      </ldp-session-id>
    </ldp-nexthop>
  </ldp-route>
</ldp-route-information>

```

Description

<ldp-oam-bfd-session>

Usage

```

<ldp-oam-bfd-session>
  <ldp-oam-destination-address>
    ldp-oam-destination-address
  </ldp-oam-destination-address>
  <ldp-oam-bfd-session-state>

```

```
    ldp-oam-bfd-session-state
  </ldp-oam-bfd-session-state>
  <ldp-oam-lsp-ping-state>
    ldp-oam-lsp-ping-state
  </ldp-oam-lsp-ping-state>
  <ldp-oam-nexthop-address>
    ldp-oam-nexthop-address
  </ldp-oam-nexthop-address>
  <ldp-oam-interface-name>
    ldp-oam-interface-name
  </ldp-oam-interface-name>
  <ldp-oam-nexthop-lsp>
    ldp-oam-nexthop-lsp
  </ldp-oam-nexthop-lsp>
</ldp-oam-bfd-session>
```

Description LDP OAM state information

<ldp-oam-bfd-session>

Usage

```
<ldp-route>
  <ldp-oam-bfd-session>
    <ldp-oam-destination-address>
      ldp-oam-destination-address
    </ldp-oam-destination-address>
    <ldp-oam-bfd-session-state>
      ldp-oam-bfd-session-state
    </ldp-oam-bfd-session-state>
    <ldp-oam-lsp-ping-state>
      ldp-oam-lsp-ping-state
    </ldp-oam-lsp-ping-state>
    <ldp-oam-nexthop-address>
      ldp-oam-nexthop-address
    </ldp-oam-nexthop-address>
    <ldp-oam-interface-name>
      ldp-oam-interface-name
    </ldp-oam-interface-name>
    <ldp-oam-nexthop-lsp>
      ldp-oam-nexthop-lsp
    </ldp-oam-nexthop-lsp>
  </ldp-oam-bfd-session>
</ldp-route>
```

Description LDP OAM state information

<ldp-oam-bfd-session>

Usage

```
<ldp-route-information>
  <ldp-route>
    <ldp-oam-bfd-session>
      <ldp-oam-destination-address>
```

```

        ldp-oam-destination-address
      </ldp-oam-destination-address>
      <ldp-oam-bfd-session-state>
        ldp-oam-bfd-session-state
      </ldp-oam-bfd-session-state>
      <ldp-oam-lsp-ping-state>
        ldp-oam-lsp-ping-state
      </ldp-oam-lsp-ping-state>
      <ldp-oam-nexthop-address>
        ldp-oam-nexthop-address
      </ldp-oam-nexthop-address>
      <ldp-oam-interface-name>
        ldp-oam-interface-name
      </ldp-oam-interface-name>
      <ldp-oam-nexthop-lsp>
        ldp-oam-nexthop-lsp
      </ldp-oam-nexthop-lsp>
    </ldp-oam-bfd-session>
  </ldp-route>
</ldp-route-information>

```

Description LDP OAM state information

<ldp-oam-information>

Usage

```

<ldp-oam-information>
  <ldp-oam-status>....</ldp-oam-status>
</ldp-oam-information>

```

Description

<ldp-oam-path>

Usage

```

<ldp-oam-status>
  <ldp-oam-path>
    <ldp-oam-destination-address>
      ldp-oam-destination-address
    </ldp-oam-destination-address>
    <ldp-oam-nexthop-address>
      ldp-oam-nexthop-address
    </ldp-oam-nexthop-address>
    <ldp-oam-interface-name>
      ldp-oam-interface-name
    </ldp-oam-interface-name>
    <ldp-oam-nexthop-lsp>
      ldp-oam-nexthop-lsp
    </ldp-oam-nexthop-lsp>
    <ldp-oam-bfd-session-state>
      ldp-oam-bfd-session-state
    </ldp-oam-bfd-session-state>
    <ldp-oam-lsp-ping-state>
      ldp-oam-lsp-ping-state

```

```
</ldp-oam-lsp-ping-state>
<ldp-oam-path-address>
  ldp-oam-path-address
</ldp-oam-path-address>
</ldp-oam-path>
</ldp-oam-status>
```

Description

<ldp-oam-path>

Usage

```
<ldp-oam-information>
<ldp-oam-status>
  <ldp-oam-path>
    <ldp-oam-destination-address>
      ldp-oam-destination-address
    </ldp-oam-destination-address>
    <ldp-oam-nexthop-address>
      ldp-oam-nexthop-address
    </ldp-oam-nexthop-address>
    <ldp-oam-interface-name>
      ldp-oam-interface-name
    </ldp-oam-interface-name>
    <ldp-oam-nexthop-lsp>
      ldp-oam-nexthop-lsp
    </ldp-oam-nexthop-lsp>
    <ldp-oam-bfd-session-state>
      ldp-oam-bfd-session-state
    </ldp-oam-bfd-session-state>
    <ldp-oam-lsp-ping-state>
      ldp-oam-lsp-ping-state
    </ldp-oam-lsp-ping-state>
    <ldp-oam-path-address>
      ldp-oam-path-address
    </ldp-oam-path-address>
  </ldp-oam-path>
</ldp-oam-status>
</ldp-oam-information>
```

Description

<ldp-oam-status>

Usage

```
<ldp-oam-status>
<ldp-oam-prefix>
  ldp-oam-prefix
</ldp-oam-prefix>
<ldp-oam-time>
  ldp-oam-time
</ldp-oam-time>
<ldp-oam-path>....</ldp-oam-path>
```

</ldp-oam-status>

Description

<ldp-oam-status>

Usage

```
<ldp-oam-information>
  <ldp-oam-status>
    <ldp-oam-prefix>
      ldp-oam-prefix
    </ldp-oam-prefix>
    <ldp-oam-time>
      ldp-oam-time
    </ldp-oam-time>
    <ldp-oam-path>....</ldp-oam-path>
  </ldp-oam-status>
</ldp-oam-information>
```

Description

<ldp-p2mp-inlib-label>

Usage

```
<ldp-p2mp-path>
  <ldp-p2mp-inlib-label>
    <ldp-label-session>
      ldp-label-session
    </ldp-label-session>
    <ldp-label>
      ldp-label
    </ldp-label>
  </ldp-p2mp-inlib-label>
</ldp-p2mp-path>
```

Description

<ldp-p2mp-inlib-label>

Usage

```
<ldp-p2mp-path-information>
  <ldp-p2mp-path>
    <ldp-p2mp-inlib-label>
      <ldp-label-session>
        ldp-label-session
      </ldp-label-session>
      <ldp-label>
        ldp-label
      </ldp-label>
    </ldp-p2mp-inlib-label>
  </ldp-p2mp-path>
</ldp-p2mp-path-information>
```

Description**<ldp-p2mp-path>****Usage**

```
<ldp-p2mp-path>
  <ldp-p2mp-path-type>
    ldp-p2mp-path-type
  </ldp-p2mp-path-type>
  <ldp-p2mp-outlib-session>
    ldp-p2mp-outlib-session
  </ldp-p2mp-outlib-session>
  <ldp-p2mp-outlib-label>
    ldp-p2mp-outlib-label
  </ldp-p2mp-outlib-label>
  <ldp-p2mp-egress-label>
    ldp-p2mp-egress-label
  </ldp-p2mp-egress-label>
  <ldp-p2mp-inlib-label>....</ldp-p2mp-inlib-label>
  <ldp-egress-nh>....</ldp-egress-nh>
  <ldp-p2mp-path-fec>....</ldp-p2mp-path-fec>
  <ldp-p2mp-path-transit-route>
    ldp-p2mp-path-transit-route
  </ldp-p2mp-path-transit-route>
  <ldp-p2mp-path-address>
    ldp-p2mp-path-address
  </ldp-p2mp-path-address>
  <ldp-reference-count>
    ldp-reference-count
  </ldp-reference-count>
</ldp-p2mp-path>
```

Description**<ldp-p2mp-path>****Usage**

```
<ldp-p2mp-path-information>
  <ldp-p2mp-path>
    <ldp-p2mp-path-type>
      ldp-p2mp-path-type
    </ldp-p2mp-path-type>
    <ldp-p2mp-outlib-session>
      ldp-p2mp-outlib-session
    </ldp-p2mp-outlib-session>
    <ldp-p2mp-outlib-label>
      ldp-p2mp-outlib-label
    </ldp-p2mp-outlib-label>
    <ldp-p2mp-egress-label>
      ldp-p2mp-egress-label
    </ldp-p2mp-egress-label>
    <ldp-p2mp-inlib-label>....</ldp-p2mp-inlib-label>
    <ldp-egress-nh>....</ldp-egress-nh>
    <ldp-p2mp-path-fec>....</ldp-p2mp-path-fec>
    <ldp-p2mp-path-transit-route>
```



```

        ldp-p2mp-path-transit-route
      </ldp-p2mp-path-transit-route>
      <ldp-p2mp-path-address>
        ldp-p2mp-path-address
      </ldp-p2mp-path-address>
      <ldp-reference-count>
        ldp-reference-count
      </ldp-reference-count>
    </ldp-p2mp-path>
  </ldp-p2mp-path-information>

```

Description

<ldp-p2mp-path-fec>

Usage

```

<ldp-p2mp-path>
  <ldp-p2mp-path-fec>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-prefix-active>
      ldp-prefix-active
    </ldp-prefix-active>
  </ldp-p2mp-path-fec>
</ldp-p2mp-path>

```

Description

<ldp-p2mp-path-fec>

Usage

```

<ldp-p2mp-path-information>
  <ldp-p2mp-path>
    <ldp-p2mp-path-fec>
      <ldp-prefix>
        ldp-prefix
      </ldp-prefix>
      <ldp-prefix-active>
        ldp-prefix-active
      </ldp-prefix-active>
    </ldp-p2mp-path-fec>
  </ldp-p2mp-path>
</ldp-p2mp-path-information>

```

Description

<ldp-p2mp-path-information>

Usage

```

<ldp-p2mp-path-information>
  <ldp-p2mp-path>....</ldp-p2mp-path>
</ldp-p2mp-path-information>

```

Description

<ldp-p2mp-traffic-statistics>

Usage

```
<ldp-p2mp-traffic-statistics>
  <ldp-prefix>
    ldp-prefix
  </ldp-prefix>
  <ldp-traffic-branch-nexthop-addr>
    ldp-traffic-branch-nexthop-addr
  </ldp-traffic-branch-nexthop-addr>
  <ldp-traffic-error>
    ldp-traffic-error
  </ldp-traffic-error>
  <ldp-traffic-statistics-packet-count>
    ldp-traffic-statistics-packet-count
  </ldp-traffic-statistics-packet-count>
  <ldp-traffic-statistics-byte-count>
    ldp-traffic-statistics-byte-count
  </ldp-traffic-statistics-byte-count>
  <ldp-traffic-multiple-fec>
    ldp-traffic-multiple-fec
  </ldp-traffic-multiple-fec>
</ldp-p2mp-traffic-statistics>
```

Description

<ldp-p2mp-traffic-statistics>

Usage

```
<ldp-traffic-statistics-information>
  <ldp-p2mp-traffic-statistics>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-traffic-branch-nexthop-addr>
      ldp-traffic-branch-nexthop-addr
    </ldp-traffic-branch-nexthop-addr>
    <ldp-traffic-error>
      ldp-traffic-error
    </ldp-traffic-error>
    <ldp-traffic-statistics-packet-count>
      ldp-traffic-statistics-packet-count
    </ldp-traffic-statistics-packet-count>
    <ldp-traffic-statistics-byte-count>
      ldp-traffic-statistics-byte-count
    </ldp-traffic-statistics-byte-count>
    <ldp-traffic-multiple-fec>
      ldp-traffic-multiple-fec
    </ldp-traffic-multiple-fec>
  </ldp-p2mp-traffic-statistics>
</ldp-traffic-statistics-information>
```

Description

<ldp-path>

Usage

```

<ldp-path>
  <ldp-outlib-session>
    ldp-outlib-session
  </ldp-outlib-session>
  <ldp-outlib-label>
    ldp-outlib-label
  </ldp-outlib-label>
  <ldp-ingress-label>
    ldp-ingress-label
  </ldp-ingress-label>
  <ldp-inlib-session>
    ldp-inlib-session
  </ldp-inlib-session>
  <ldp-inlib-label>
    ldp-inlib-label
  </ldp-inlib-label>
  <ldp-egress-label>
    ldp-egress-label
  </ldp-egress-label>
  <ldp-path-route>....</ldp-path-route>
  <ldp-reference-count>
    ldp-reference-count
  </ldp-reference-count>
  <ldp-route-transit>
    ldp-route-transit
  </ldp-route-transit>
  <ldp-global-label>
    ldp-global-label
  </ldp-global-label>
  <ldp-merged-next-hop>
    ldp-merged-next-hop
  </ldp-merged-next-hop>
</ldp-path>

```

Description

<ldp-path>

Usage

```

<ldp-path-information>
  <ldp-path>
    <ldp-outlib-session>
      ldp-outlib-session
    </ldp-outlib-session>
    <ldp-outlib-label>
      ldp-outlib-label
    </ldp-outlib-label>
    <ldp-ingress-label>
      ldp-ingress-label
    </ldp-ingress-label>
  </ldp-path>
</ldp-path-information>

```

```
<ldp-inlib-session>
  ldp-inlib-session
</ldp-inlib-session>
<ldp-inlib-label>
  ldp-inlib-label
</ldp-inlib-label>
<ldp-egress-label>
  ldp-egress-label
</ldp-egress-label>
<ldp-path-route>....</ldp-path-route>
<ldp-reference-count>
  ldp-reference-count
</ldp-reference-count>
<ldp-route-transit>
  ldp-route-transit
</ldp-route-transit>
<ldp-global-label>
  ldp-global-label
</ldp-global-label>
<ldp-merged-next-hop>
  ldp-merged-next-hop
</ldp-merged-next-hop>
</ldp-path>
</ldp-path-information>
```

Description

<ldp-path-information>

Usage

```
<ldp-path-information>
  <ldp-path>....</ldp-path>
</ldp-path-information>
```

Description

<ldp-path-replication>

Usage

```
<ldp-path-replication>
  <ldp-instance-id>
    ldp-instance-id
  </ldp-instance-id>
  <ldp-label>
    ldp-label
  </ldp-label>
  <ldp-path-replication-ingress-selfid>
    ldp-path-replication-ingress-selfid
  </ldp-path-replication-ingress-selfid>
  <ldp-path-replication-transit-selfid>
    ldp-path-replication-transit-selfid
  </ldp-path-replication-transit-selfid>
  <ldp-path-replication-state>
    ldp-path-replication-state
```

```

</ldp-path-replication-state>
<ldp-reference-count>
  ldp-reference-count
</ldp-reference-count>
</ldp-path-replication>

```

Description Path replication entry

<ldp-path-replication>

Usage

```

<ldp-path-replication-information>
  <ldp-path-replication>
    <ldp-instance-id>
      ldp-instance-id
    </ldp-instance-id>
    <ldp-label>
      ldp-label
    </ldp-label>
    <ldp-path-replication-ingress-selfid>
      ldp-path-replication-ingress-selfid
    </ldp-path-replication-ingress-selfid>
    <ldp-path-replication-transit-selfid>
      ldp-path-replication-transit-selfid
    </ldp-path-replication-transit-selfid>
    <ldp-path-replication-state>
      ldp-path-replication-state
    </ldp-path-replication-state>
    <ldp-reference-count>
      ldp-reference-count
    </ldp-reference-count>
  </ldp-path-replication>
</ldp-path-replication-information>

```

Description Path replication entry

<ldp-path-replication-information>

Usage

```

<ldp-path-replication-information>
  <ldp-path-replication>....</ldp-path-replication>
</ldp-path-replication-information>

```

Description

<ldp-path-route>

Usage

```

<ldp-path>
  <ldp-path-route>
    <ldp-prefix>
      ldp-prefix

```

```
</ldp-prefix>
<ldp-route-ingress>
  ldp-route-ingress
</ldp-route-ingress>
</ldp-path-route>
</ldp-path>
```

Description

<ldp-path-route>

Usage

```
<ldp-path-information>
<ldp-path>
  <ldp-path-route>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-route-ingress>
      ldp-route-ingress
    </ldp-route-ingress>
  </ldp-path-route>
</ldp-path>
</ldp-path-information>
```

Description

<ldp-route>

Usage

```
<ldp-route>
<ldp-prefix>
  ldp-prefix
</ldp-prefix>
<ldp-nexthop>....</ldp-nexthop>
<ldp-label>
  ldp-label
</ldp-label>
<ldp-no-label>
  ldp-no-label
</ldp-no-label>
<ldp-topology-entry>
  ldp-topology-entry
</ldp-topology-entry>
<ldp-ingress-route-status>
  ldp-ingress-route-status
</ldp-ingress-route-status>
<ldp-ingress-route-last-modified-time>
  ldp-ingress-route-last-modified-time
</ldp-ingress-route-last-modified-time>
<ldp-merged-next-hop>
  ldp-merged-next-hop
</ldp-merged-next-hop>
<ldp-oam-bfd-session>....</ldp-oam-bfd-session>
```

</ldp-route>

Description

<ldp-route>

Usage

```
<ldp-route-information>
  <ldp-route>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-nexthop>....</ldp-nexthop>
    <ldp-label>
      ldp-label
    </ldp-label>
    <ldp-no-label>
      ldp-no-label
    </ldp-no-label>
    <ldp-topology-entry>
      ldp-topology-entry
    </ldp-topology-entry>
    <ldp-ingress-route-status>
      ldp-ingress-route-status
    </ldp-ingress-route-status>
    <ldp-ingress-route-last-modified-time>
      ldp-ingress-route-last-modified-time
    </ldp-ingress-route-last-modified-time>
    <ldp-merged-next-hop>
      ldp-merged-next-hop
    </ldp-merged-next-hop>
    <ldp-oam-bfd-session>....</ldp-oam-bfd-session>
  </ldp-route>
</ldp-route-information>
```

Description

<ldp-route-information>

Usage

```
<ldp-route-information>
  <ldp-route>....</ldp-route>
</ldp-route-information>
```

Description

<ldp-session>

Usage

```
<ldp-session>
  <ldp-neighbor-address>
    ldp-neighbor-address
  </ldp-neighbor-address>
  <ldp-session-state>
```

```
    ldp-session-state
  </ldp-session-state>
  <ldp-connection-state>
    ldp-connection-state
  </ldp-connection-state>
  <ldp-remaining-time>
    ldp-remaining-time
  </ldp-remaining-time>
  <ldp-session-id>
    ldp-session-id
  </ldp-session-id>
  <ldp-retry-time>
    ldp-retry-time
  </ldp-retry-time>
  <ldp-keepalive-time>
    ldp-keepalive-time
  </ldp-keepalive-time>
  <ldp-session-role>
    ldp-session-role
  </ldp-session-role>
  <ldp-session-max-pdu>
    ldp-session-max-pdu
  </ldp-session-max-pdu>
  <ldp-holdtime>
    ldp-holdtime
  </ldp-holdtime>
  <ldp-neighbor-count>
    ldp-neighbor-count
  </ldp-neighbor-count>
  <ldp-neighbor-types>....</ldp-neighbor-types>
  <ldp-keepalive-interval>
    ldp-keepalive-interval
  </ldp-keepalive-interval>
  <ldp-retry-interval>
    ldp-retry-interval
  </ldp-retry-interval>
  <ldp-local-address>
    ldp-local-address
  </ldp-local-address>
  <ldp-remote-address>
    ldp-remote-address
  </ldp-remote-address>
  <ldp-graceful-restart-state>
    ldp-graceful-restart-state
  </ldp-graceful-restart-state>
  <ldp-local-reconnect-time>
    ldp-local-reconnect-time
  </ldp-local-reconnect-time>
  <ldp-remote-reconnect-time>
    ldp-remote-reconnect-time
  </ldp-remote-reconnect-time>
  <ldp-restart-complete-time>
    ldp-restart-complete-time
  </ldp-restart-complete-time>
  <ldp-helper-mode-state>
    ldp-helper-mode-state
```



```
</ldp-helper-mode-state>
<ldp-helper-mode-time>
  ldp-helper-mode-time
</ldp-helper-mode-time>
<ldp-local-helper-mode>
  ldp-local-helper-mode
</ldp-local-helper-mode>
<ldp-remote-helper-mode>
  ldp-remote-helper-mode
</ldp-remote-helper-mode>
<ldp-graceful-restart-local>
  ldp-graceful-restart-local
</ldp-graceful-restart-local>
<ldp-graceful-restart-remote>
  ldp-graceful-restart-remote
</ldp-graceful-restart-remote>
<ldp-local-maximum-reconnect>
  ldp-local-maximum-reconnect
</ldp-local-maximum-reconnect>
<ldp-local-maximum-recovery>
  ldp-local-maximum-recovery
</ldp-local-maximum-recovery>
<ldp-up-time>
  ldp-up-time
</ldp-up-time>
<ldp-last-down-time>
  ldp-last-down-time
</ldp-last-down-time>
<ldp-down-reason>
  ldp-down-reason
</ldp-down-reason>
<ldp-session-flap-count>
  ldp-session-flap-count
</ldp-session-flap-count>
<ldp-session-capabilities-advertised>....</ldp-session-capabilities-advertised>
<ldp-session-capabilities-received>....</ldp-session-capabilities-received>
<ldp-session-protection>....</ldp-session-protection>
<ldp-session-nsr-state>
  ldp-session-nsr-state
</ldp-session-nsr-state>
<ldp-session-address>....</ldp-session-address>
<ldp-session-deleted>
  ldp-session-deleted
</ldp-session-deleted>
<ldp-session-connect-pending>
  ldp-session-connect-pending
</ldp-session-connect-pending>
<ldp-session-close-pending>
  ldp-session-close-pending
</ldp-session-close-pending>
<ldp-session-queue-depth>
  ldp-session-queue-depth
</ldp-session-queue-depth>
<ldp-session-read-pending>
  ldp-session-read-pending
</ldp-session-read-pending>
```

```
<ldp-session-write-pending>
  ldp-session-write-pending
</ldp-session-write-pending>
<ldp-session-receive-buffer-bytes>
  ldp-session-receive-buffer-bytes
</ldp-session-receive-buffer-bytes>
<ldp-session-transmit-buffer-bytes>
  ldp-session-transmit-buffer-bytes
</ldp-session-transmit-buffer-bytes>
<ldp-session-no-connection>
  ldp-session-no-connection
</ldp-session-no-connection>
<ldp-session-authentication>
  ldp-session-authentication
</ldp-session-authentication>
<ldp-session-statistics>....</ldp-session-statistics>
</ldp-session>
```

Description

<ldp-session>

Usage

```
<ldp-session-information>
<ldp-session>
  <ldp-neighbor-address>
    ldp-neighbor-address
  </ldp-neighbor-address>
  <ldp-session-state>
    ldp-session-state
  </ldp-session-state>
  <ldp-connection-state>
    ldp-connection-state
  </ldp-connection-state>
  <ldp-remaining-time>
    ldp-remaining-time
  </ldp-remaining-time>
  <ldp-session-id>
    ldp-session-id
  </ldp-session-id>
  <ldp-retry-time>
    ldp-retry-time
  </ldp-retry-time>
  <ldp-keepalive-time>
    ldp-keepalive-time
  </ldp-keepalive-time>
  <ldp-session-role>
    ldp-session-role
  </ldp-session-role>
  <ldp-session-max-pdu>
    ldp-session-max-pdu
  </ldp-session-max-pdu>
  <ldp-holdtime>
    ldp-holdtime
  </ldp-holdtime>
```

```
<ldp-neighbor-count>
  ldp-neighbor-count
</ldp-neighbor-count>
<ldp-neighbor-types>....</ldp-neighbor-types>
<ldp-keepalive-interval>
  ldp-keepalive-interval
</ldp-keepalive-interval>
<ldp-retry-interval>
  ldp-retry-interval
</ldp-retry-interval>
<ldp-local-address>
  ldp-local-address
</ldp-local-address>
<ldp-remote-address>
  ldp-remote-address
</ldp-remote-address>
<ldp-graceful-restart-state>
  ldp-graceful-restart-state
</ldp-graceful-restart-state>
<ldp-local-reconnect-time>
  ldp-local-reconnect-time
</ldp-local-reconnect-time>
<ldp-remote-reconnect-time>
  ldp-remote-reconnect-time
</ldp-remote-reconnect-time>
<ldp-restart-complete-time>
  ldp-restart-complete-time
</ldp-restart-complete-time>
<ldp-helper-mode-state>
  ldp-helper-mode-state
</ldp-helper-mode-state>
<ldp-helper-mode-time>
  ldp-helper-mode-time
</ldp-helper-mode-time>
<ldp-local-helper-mode>
  ldp-local-helper-mode
</ldp-local-helper-mode>
<ldp-remote-helper-mode>
  ldp-remote-helper-mode
</ldp-remote-helper-mode>
<ldp-graceful-restart-local>
  ldp-graceful-restart-local
</ldp-graceful-restart-local>
<ldp-graceful-restart-remote>
  ldp-graceful-restart-remote
</ldp-graceful-restart-remote>
<ldp-local-maximum-reconnect>
  ldp-local-maximum-reconnect
</ldp-local-maximum-reconnect>
<ldp-local-maximum-recovery>
  ldp-local-maximum-recovery
</ldp-local-maximum-recovery>
<ldp-up-time>
  ldp-up-time
</ldp-up-time>
<ldp-last-down-time>
```

```
    ldp-last-down-time
  </ldp-last-down-time>
  <ldp-down-reason>
    ldp-down-reason
  </ldp-down-reason>
  <ldp-session-flap-count>
    ldp-session-flap-count
  </ldp-session-flap-count>
  <ldp-session-capabilities-advertised>....</ldp-session-capabilities-advertised>

  <ldp-session-capabilities-received>....</ldp-session-capabilities-received>
  <ldp-session-protection>....</ldp-session-protection>
  <ldp-session-nsr-state>
    ldp-session-nsr-state
  </ldp-session-nsr-state>
  <ldp-session-address>....</ldp-session-address>
  <ldp-session-deleted>
    ldp-session-deleted
  </ldp-session-deleted>
  <ldp-session-connect-pending>
    ldp-session-connect-pending
  </ldp-session-connect-pending>
  <ldp-session-close-pending>
    ldp-session-close-pending
  </ldp-session-close-pending>
  <ldp-session-queue-depth>
    ldp-session-queue-depth
  </ldp-session-queue-depth>
  <ldp-session-read-pending>
    ldp-session-read-pending
  </ldp-session-read-pending>
  <ldp-session-write-pending>
    ldp-session-write-pending
  </ldp-session-write-pending>
  <ldp-session-receive-buffer-bytes>
    ldp-session-receive-buffer-bytes
  </ldp-session-receive-buffer-bytes>
  <ldp-session-transmit-buffer-bytes>
    ldp-session-transmit-buffer-bytes
  </ldp-session-transmit-buffer-bytes>
  <ldp-session-no-connection>
    ldp-session-no-connection
  </ldp-session-no-connection>
  <ldp-session-authentication>
    ldp-session-authentication
  </ldp-session-authentication>
  <ldp-session-statistics>....</ldp-session-statistics>
</ldp-session>
</ldp-session-information>
```

Description

<ldp-session-address>**Usage**

```

<ldp-session>
  <ldp-session-address>
    <interface-address>
      interface-address
    </interface-address>
    <interface-name>
      interface-name
    </interface-name>
    <ldp-session-address-stale>
      ldp-session-address-stale
    </ldp-session-address-stale>
  </ldp-session-address>
</ldp-session>

```

Description**<ldp-session-address>****Usage**

```

<ldp-session-information>
  <ldp-session>
    <ldp-session-address>
      <interface-address>
        interface-address
      </interface-address>
      <interface-name>
        interface-name
      </interface-name>
      <ldp-session-address-stale>
        ldp-session-address-stale
      </ldp-session-address-stale>
    </ldp-session-address>
  </ldp-session>
</ldp-session-information>

```

Description**<ldp-session-capabilities-advertised>****Usage**

```

<ldp-session-capabilities-advertised>
  <ldp-capability>
    ldp-capability
  </ldp-capability>
</ldp-session-capabilities-advertised>

```

Description Capabilities advertised to peer

<ldp-session-capabilities-advertised>

Usage

```
<ldp-session>
  <ldp-session-capabilities-advertised>
    <ldp-capability>
      ldp-capability
    </ldp-capability>
  </ldp-session-capabilities-advertised>
</ldp-session>
```

Description Capabilities advertised to peer

<ldp-session-capabilities-advertised>

Usage

```
<ldp-session-information>
  <ldp-session>
    <ldp-session-capabilities-advertised>
      <ldp-capability>
        ldp-capability
      </ldp-capability>
    </ldp-session-capabilities-advertised>
  </ldp-session>
</ldp-session-information>
```

Description Capabilities advertised to peer

<ldp-session-capabilities-received>

Usage

```
<ldp-session-capabilities-received>
  <ldp-capability>
    ldp-capability
  </ldp-capability>
</ldp-session-capabilities-received>
```

Description Capabilities received from peer

<ldp-session-capabilities-received>

Usage

```
<ldp-session>
  <ldp-session-capabilities-received>
    <ldp-capability>
      ldp-capability
    </ldp-capability>
  </ldp-session-capabilities-received>
</ldp-session>
```

Description Capabilities received from peer

<ldp-session-capabilities-received>

Usage

```
<ldp-session-information>
  <ldp-session>
    <ldp-session-capabilities-received>
      <ldp-capability>
        ldp-capability
      </ldp-capability>
    </ldp-session-capabilities-received>
  </ldp-session>
</ldp-session-information>
```

Description Capabilities received from peer

<ldp-session-information>

Usage

```
<ldp-session-information>
  <ldp-session>....</ldp-session>
</ldp-session-information>
```

Description

<ldp-session-protection>

Usage

```
<ldp-session>
  <ldp-session-protection>
    <ldp-session-protection-state>
      ldp-session-protection-state
    </ldp-session-protection-state>
    <ldp-session-protection-remaining-time>
      ldp-session-protection-remaining-time
    </ldp-session-protection-remaining-time>
  </ldp-session-protection>
</ldp-session>
```

Description LDP session protection information

<ldp-session-protection>

Usage

```
<ldp-session-information>
  <ldp-session>
    <ldp-session-protection>
      <ldp-session-protection-state>
        ldp-session-protection-state
      </ldp-session-protection-state>
      <ldp-session-protection-remaining-time>
```

```
        ldp-session-protection-remaining-time
      </ldp-session-protection-remaining-time>
    </ldp-session-protection>
  </ldp-session>
</ldp-session-information>
```

Description LDP session protection information

<ldp-session-replication>

Usage

```
<ldp-session-replication>
  <ldp-instance-id>
    ldp-instance-id
  </ldp-instance-id>
  <ldp-neighbor-address>
    ldp-neighbor-address
  </ldp-neighbor-address>
  <ldp-session-replication-state>
    ldp-session-replication-state
  </ldp-session-replication-state>
  <ldp-reference-count>
    ldp-reference-count
  </ldp-reference-count>
  <ldp-session-replication-age>
    ldp-session-replication-age
  </ldp-session-replication-age>
</ldp-session-replication>
```

Description Session replication entry

<ldp-session-replication>

Usage

```
<ldp-session-replication-information>
  <ldp-session-replication>
    <ldp-instance-id>
      ldp-instance-id
    </ldp-instance-id>
    <ldp-neighbor-address>
      ldp-neighbor-address
    </ldp-neighbor-address>
    <ldp-session-replication-state>
      ldp-session-replication-state
    </ldp-session-replication-state>
    <ldp-reference-count>
      ldp-reference-count
    </ldp-reference-count>
    <ldp-session-replication-age>
      ldp-session-replication-age
    </ldp-session-replication-age>
  </ldp-session-replication>
```



```
</ldp-session-replication-information>
```

Description Session replication entry

<ldp-session-replication-information>

Usage

```
<ldp-session-replication-information>
  <ldp-session-replication>....</ldp-session-replication>
</ldp-session-replication-information>
```

Description

<ldp-session-statistics>

Usage

```
<ldp-session>
  <ldp-session-statistics>
    <ldp-message-type>
      ldp-message-type
    </ldp-message-type>
    <ldp-messages-sent>
      ldp-messages-sent
    </ldp-messages-sent>
    <ldp-messages-received>
      ldp-messages-received
    </ldp-messages-received>
    <ldp-messages-sent-5seconds>
      ldp-messages-sent-5seconds
    </ldp-messages-sent-5seconds>
    <ldp-messages-received-5seconds>
      ldp-messages-received-5seconds
    </ldp-messages-received-5seconds>
  </ldp-session-statistics>
</ldp-session>
```

Description

<ldp-session-statistics>

Usage

```
<ldp-session-information>
  <ldp-session>
    <ldp-session-statistics>
      <ldp-message-type>
        ldp-message-type
      </ldp-message-type>
      <ldp-messages-sent>
        ldp-messages-sent
      </ldp-messages-sent>
      <ldp-messages-received>
        ldp-messages-received
      </ldp-messages-received>
```

```
<ldp-messages-sent-5seconds>
  ldp-messages-sent-5seconds
</ldp-messages-sent-5seconds>
<ldp-messages-received-5seconds>
  ldp-messages-received-5seconds
</ldp-messages-received-5seconds>
</ldp-session-statistics>
</ldp-session>
</ldp-session-information>
```

Description**<ldp-standby-path>****Usage**

```
<ldp-standby-path>
<ldp-reference-count>
  ldp-reference-count
</ldp-reference-count>
<ldp-label>
  ldp-label
</ldp-label>
<ldp-standby-path-prefix>....</ldp-standby-path-prefix>
</ldp-standby-path>
```

Description LDP standby path entry

<ldp-standby-path>**Usage**

```
<ldp-standby-path-information>
<ldp-standby-path>
<ldp-reference-count>
  ldp-reference-count
</ldp-reference-count>
<ldp-label>
  ldp-label
</ldp-label>
<ldp-standby-path-prefix>....</ldp-standby-path-prefix>
</ldp-standby-path>
</ldp-standby-path-information>
```

Description LDP standby path entry

<ldp-standby-path-information>**Usage**

```
<ldp-standby-path-information>
<ldp-standby-path>....</ldp-standby-path>
</ldp-standby-path-information>
```

Description**<ldp-standby-path-prefix>****Usage**

```
<ldp-standby-path>
  <ldp-standby-path-prefix>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
  <ldp-reference-count>
    ldp-reference-count
  </ldp-reference-count>
</ldp-standby-path-prefix>
</ldp-standby-path>
```

Description**<ldp-standby-path-prefix>****Usage**

```
<ldp-standby-path-information>
  <ldp-standby-path>
    <ldp-standby-path-prefix>
      <ldp-prefix>
        ldp-prefix
      </ldp-prefix>
    <ldp-reference-count>
      ldp-reference-count
    </ldp-reference-count>
  </ldp-standby-path-prefix>
</ldp-standby-path>
</ldp-standby-path-information>
```

Description**<ldp-standby-path-reference>****Usage**

```
<ldp-standby-route>
  <ldp-standby-path-reference>
    <ldp-reference-count>
      ldp-reference-count
    </ldp-reference-count>
  <ldp-label>
    ldp-label
  </ldp-label>
</ldp-standby-path-reference>
</ldp-standby-route>
```

Description Route to label association entry

<ldp-standby-path-reference>

Usage

```
<ldp-standby-route-information>
  <ldp-standby-route>
    <ldp-standby-path-reference>
      <ldp-reference-count>
        ldp-reference-count
      </ldp-reference-count>
      <ldp-label>
        ldp-label
      </ldp-label>
    </ldp-standby-path-reference>
  </ldp-standby-route>
</ldp-standby-route-information>
```

Description Route to label association entry

<ldp-standby-route>

Usage

```
<ldp-standby-route>
  <ldp-prefix>
    ldp-prefix
  </ldp-prefix>
  <ldp-standby-route-route>
    ldp-standby-route-route
  </ldp-standby-route-route>
  <ldp-standby-path-reference>....</ldp-standby-path-reference>
</ldp-standby-route>
```

Description LDP standby route entry

<ldp-standby-route>

Usage

```
<ldp-standby-route-information>
  <ldp-standby-route>
    <ldp-prefix>
      ldp-prefix
    </ldp-prefix>
    <ldp-standby-route-route>
      ldp-standby-route-route
    </ldp-standby-route-route>
    <ldp-standby-path-reference>....</ldp-standby-path-reference>
  </ldp-standby-route>
</ldp-standby-route-information>
```

Description LDP standby route entry

<ldp-standby-route-information>

Usage

```
<ldp-standby-route-information>
  <ldp-standby-route>....</ldp-standby-route>
</ldp-standby-route-information>
```

Description

<ldp-statistics>

Usage

```
<ldp-statistics>
  <ldp-message-statistics>....</ldp-message-statistics>
  <ldp-event-statistics>....</ldp-event-statistics>
</ldp-statistics>
```

Description

<ldp-statistics>

Usage

```
<ldp-statistics-information>
  <ldp-statistics>
    <ldp-message-statistics>....</ldp-message-statistics>
    <ldp-event-statistics>....</ldp-event-statistics>
  </ldp-statistics>
</ldp-statistics-information>
```

Description

<ldp-statistics-information>

Usage

```
<ldp-statistics-information>
  <ldp-statistics>....</ldp-statistics>
</ldp-statistics-information>
```

Description

<ldp-traffic-statistics>

Usage

```
<ldp-traffic-statistics>
  <ldp-prefix>
    ldp-prefix
  </ldp-prefix>
  <ldp-traffic-type>
    ldp-traffic-type
  </ldp-traffic-type>
  <ldp-traffic-error>
    ldp-traffic-error
  </ldp-traffic-error>
```

```
<ldp-traffic-statistics-packet-count>
  ldp-traffic-statistics-packet-count
</ldp-traffic-statistics-packet-count>
<ldp-traffic-statistics-byte-count>
  ldp-traffic-statistics-byte-count
</ldp-traffic-statistics-byte-count>
<ldp-traffic-multiple-fec>
  ldp-traffic-multiple-fec
</ldp-traffic-multiple-fec>
</ldp-traffic-statistics>
```

Description

<ldp-traffic-statistics>

Usage

```
<ldp-traffic-statistics-information>
<ldp-traffic-statistics>
  <ldp-prefix>
    ldp-prefix
  </ldp-prefix>
  <ldp-traffic-type>
    ldp-traffic-type
  </ldp-traffic-type>
  <ldp-traffic-error>
    ldp-traffic-error
  </ldp-traffic-error>
  <ldp-traffic-statistics-packet-count>
    ldp-traffic-statistics-packet-count
  </ldp-traffic-statistics-packet-count>
  <ldp-traffic-statistics-byte-count>
    ldp-traffic-statistics-byte-count
  </ldp-traffic-statistics-byte-count>
  <ldp-traffic-multiple-fec>
    ldp-traffic-multiple-fec
  </ldp-traffic-multiple-fec>
</ldp-traffic-statistics>
</ldp-traffic-statistics-information>
```

Description

<ldp-traffic-statistics-error>

Usage

```
<ldp-traffic-statistics-error>
  <ldp-traffic-error>
    ldp-traffic-error
  </ldp-traffic-error>
</ldp-traffic-statistics-error>
```

Description

<ldp-traffic-statistics-error>

Usage

```

<ldp-traffic-statistics-information>
  <ldp-traffic-statistics-error>
    <ldp-traffic-error>
      ldp-traffic-error
    </ldp-traffic-error>
  </ldp-traffic-statistics-error>
</ldp-traffic-statistics-information>

```

Description

<ldp-traffic-statistics-information>

Usage

```

<ldp-traffic-statistics-information>
  <ldp-traffic-statistics>....</ldp-traffic-statistics>
  <ldp-p2mp-traffic-statistics>....</ldp-p2mp-traffic-statistics>
  <ldp-traffic-statistics-error>....</ldp-traffic-statistics-error>
</ldp-traffic-statistics-information>

```

Description

<ldp-vpls-reference-site>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>

```

```
    mesh-group-up-count
  </mesh-group-up-count>
  <mesh-group-interfaces>....</mesh-group-interfaces>
  <interface>....</interface>
  <connection>....</connection>
  <mesh-group-connection>....</mesh-group-connection>
  <connections-summary>....</connections-summary>
</ldp-vpls-reference-site>
</instance>
```

Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <connection>....</connection>
      <mesh-group-connection>....</mesh-group-connection>
      <connections-summary>....</connections-summary>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>
```


Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```
<vpls-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <connection>....</connection>
    <mesh-group-connection>....</mesh-group-connection>
    <connections-summary>....</connections-summary>
  </ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```
<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
```

```
</vpls-signaling-protocol-identifier>
<local-site-id>
  local-site-id
</local-site-id>
<remote-site-id>
  remote-site-id
</remote-site-id>
<vpls-id>
  vpls-id
</vpls-id>
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<connections-summary>....</connections-summary>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
```

```

<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<connections-summary>....</connections-summary>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<connections-summary>....</connections-summary>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about LDP-VPLS

<ldp-vpls-reference-site>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <connection>....</connection>
```

```

    <mesh-group-connection>....</mesh-group-connection>
    <connections-summary>....</connections-summary>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description Information about LDP-VPLS

<lm-control-channel-info>

Usage

```

<lm-peer-control-channels>
  <lm-control-channel-info>
    <lm-control-channel>
      lm-control-channel
    </lm-control-channel>
    <lm-control-channel-state>
      lm-control-channel-state
    </lm-control-channel-state>
  </lm-control-channel-info>
</lm-peer-control-channels>

```

Description Link management control channel information

<lm-control-channel-info>

Usage

```

<lm-peer-information>
  <lm-peer-control-channels>
    <lm-control-channel-info>
      <lm-control-channel>
        lm-control-channel
      </lm-control-channel>
      <lm-control-channel-state>
        lm-control-channel-state
      </lm-control-channel-state>
    </lm-control-channel-info>
  </lm-peer-control-channels>
</lm-peer-information>

```

Description Link management control channel information

<lm-control-channel-info>

Usage

```

<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-control-channels>
      <lm-control-channel-info>
        <lm-control-channel>
          lm-control-channel

```

```
</lm-control-channel>
<lm-control-channel-state>
  lm-control-channel-state
</lm-control-channel-state>
</lm-control-channel-info>
</lm-peer-control-channels>
</lm-peer-information>
</lm-peer-root-information>
```

Description Link management control channel information

<lm-control-channel-info>

Usage

```
<lm-information>
<lm-peer-root-information>
<lm-peer-information>
  <lm-peer-control-channels>
    <lm-control-channel-info>
      <lm-control-channel>
        lm-control-channel
      </lm-control-channel>
      <lm-control-channel-state>
        lm-control-channel-state
      </lm-control-channel-state>
    </lm-control-channel-info>
  </lm-peer-control-channels>
</lm-peer-information>
</lm-peer-root-information>
</lm-information>
```

Description Link management control channel information

<lm-information>

Usage

```
<lm-information>
<lm-peer-root-information>....</lm-peer-root-information>
<lm-te-link-root-information>....</lm-te-link-root-information>
<lm-resource-root-information>....</lm-resource-root-information>
</lm-information>
```

Description

<lm-input-statistics>

Usage

```
<lm-statistics-information>
<lm-peer-statistics>
  <lm-input-statistics>
    <lm-received-packets>....</lm-received-packets>
    <lm-received-bad-packets>....</lm-received-bad-packets>
```

```

<lm-received-misordered-packets>....</lm-received-misordered-packets>
<lm-small-packets>
  lm-small-packets
</lm-small-packets>
<lm-bad-version>
  lm-bad-version
</lm-bad-version>
<lm-no-peer>
  lm-no-peer
</lm-no-peer>
<lm-no-cc>
  lm-no-cc
</lm-no-cc>
<lm-wrong-state>
  lm-wrong-state
</lm-wrong-state>
<lm-stale-ack>
  lm-stale-ack
</lm-stale-ack>
<lm-stale-nack>
  lm-stale-nack
</lm-stale-nack>
</lm-input-statistics>
</lm-peer-statistics>
</lm-statistics-information>

```

Description Input statistics

<lm-lmp-control-channel-flags>

Usage

```

<lm-peer-lmp-control-channels>
<lm-peer-lmp-control-channel-information>
  <lm-lmp-control-channel-flags>
    <cc-restarting>
      cc-restarting
    </cc-restarting>
  </lm-lmp-control-channel-flags>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>

```

Description Peer control channel flags

<lm-lmp-control-channel-flags>

Usage

```

<lm-peer-information>
<lm-peer-lmp-control-channels>
<lm-peer-lmp-control-channel-information>
  <lm-lmp-control-channel-flags>
    <cc-restarting>
      cc-restarting
    </cc-restarting>
  </lm-lmp-control-channel-flags>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>

```

```
</lm-lmp-control-channel-flags>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>
</lm-peer-information>
```

Description Peer control channel flags

<lm-lmp-control-channel-flags>

Usage

```
<lm-peer-root-information>
<lm-peer-information>
<lm-peer-lmp-control-channels>
<lm-peer-lmp-control-channel-information>
<lm-lmp-control-channel-flags>
  <cc-restarting>
    cc-restarting
  </cc-restarting>
</lm-lmp-control-channel-flags>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>
</lm-peer-information>
</lm-peer-root-information>
```

Description Peer control channel flags

<lm-lmp-control-channel-flags>

Usage

```
<lm-information>
<lm-peer-root-information>
<lm-peer-information>
<lm-peer-lmp-control-channels>
<lm-peer-lmp-control-channel-information>
<lm-lmp-control-channel-flags>
  <cc-restarting>
    cc-restarting
  </cc-restarting>
</lm-lmp-control-channel-flags>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>
</lm-peer-information>
</lm-peer-root-information>
</lm-information>
```

Description Peer control channel flags

<lm-output-statistics>

Usage

```
<lm-statistics-information>
```



```

<lm-peer-statistics>
  <lm-output-statistics>
    <lm-sent-packets>....</lm-sent-packets>
    <lm-retransmit-packets>....</lm-retransmit-packets>
    <lm-tossed-packets>....</lm-tossed-packets>
  </lm-output-statistics>
</lm-peer-statistics>
</lm-statistics-information>

```

Description Output statistics

<lm-peer-control-channels>

Usage

```

<lm-peer-control-channels>
  <lm-control-channel-info>....</lm-control-channel-info>
</lm-peer-control-channels>

```

Description Link management control channels

<lm-peer-control-channels>

Usage

```

<lm-peer-information>
  <lm-peer-control-channels>
    <lm-control-channel-info>....</lm-control-channel-info>
  </lm-peer-control-channels>
</lm-peer-information>

```

Description Link management control channels

<lm-peer-control-channels>

Usage

```

<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-control-channels>
      <lm-control-channel-info>....</lm-control-channel-info>
    </lm-peer-control-channels>
  </lm-peer-information>
</lm-peer-root-information>

```

Description Link management control channels

<lm-peer-control-channels>

Usage

```

<lm-information>
  <lm-peer-root-information>
    <lm-peer-information>

```

```
<lm-peer-control-channels>
  <lm-control-channel-info>....</lm-control-channel-info>
</lm-peer-control-channels>
</lm-peer-information>
</lm-peer-root-information>
</lm-information>
```

Description Link management control channels

<lm-peer-information>

Usage

```
<lm-peer-information>
  <lm-source>
    lm-source
  </lm-source>
  <lm-sys-id>
    lm-sys-id
  </lm-sys-id>
  <lm-peer-name>
    lm-peer-name
  </lm-peer-name>
  <lm-state>
    lm-state
  </lm-state>
  <lm-peer-control-address>
    lm-peer-control-address
  </lm-peer-control-address>
  <lm-peer-hello-interval>
    lm-peer-hello-interval
  </lm-peer-hello-interval>
  <lm-peer-hello-dead-interval>
    lm-peer-hello-dead-interval
  </lm-peer-hello-dead-interval>
  <lm-peer-received-message-id>
    lm-peer-received-message-id
  </lm-peer-received-message-id>
  <lm-peer-sent-message-id>
    lm-peer-sent-message-id
  </lm-peer-sent-message-id>
  <lm-peer-control-channels>....</lm-peer-control-channels>
  <lm-peer-lmp-control-channels>....</lm-peer-lmp-control-channels>
  <lm-peer-te-links>....</lm-peer-te-links>
</lm-peer-information>
```

Description

<lm-peer-information>

Usage

```
<lm-peer-root-information>
  <lm-peer-information>
    <lm-source>
      lm-source
```

```

</lm-source>
<lm-sys-id>
  lm-sys-id
</lm-sys-id>
<lm-peer-name>
  lm-peer-name
</lm-peer-name>
<lm-state>
  lm-state
</lm-state>
<lm-peer-control-address>
  lm-peer-control-address
</lm-peer-control-address>
<lm-peer-hello-interval>
  lm-peer-hello-interval
</lm-peer-hello-interval>
<lm-peer-hello-dead-interval>
  lm-peer-hello-dead-interval
</lm-peer-hello-dead-interval>
<lm-peer-received-message-id>
  lm-peer-received-message-id
</lm-peer-received-message-id>
<lm-peer-sent-message-id>
  lm-peer-sent-message-id
</lm-peer-sent-message-id>
<lm-peer-control-channels>....</lm-peer-control-channels>
<lm-peer-lmp-control-channels>....</lm-peer-lmp-control-channels>
<lm-peer-te-links>....</lm-peer-te-links>
</lm-peer-information>
</lm-peer-root-information>

```

Description

<lm-peer-information>

Usage

```

<lm-information>
<lm-peer-root-information>
  <lm-peer-information>
    <lm-source>
      lm-source
    </lm-source>
    <lm-sys-id>
      lm-sys-id
    </lm-sys-id>
    <lm-peer-name>
      lm-peer-name
    </lm-peer-name>
    <lm-state>
      lm-state
    </lm-state>
    <lm-peer-control-address>
      lm-peer-control-address
    </lm-peer-control-address>
    <lm-peer-hello-interval>

```

```

    lm-peer-hello-interval
  </lm-peer-hello-interval>
  <lm-peer-hello-dead-interval>
    lm-peer-hello-dead-interval
  </lm-peer-hello-dead-interval>
  <lm-peer-received-message-id>
    lm-peer-received-message-id
  </lm-peer-received-message-id>
  <lm-peer-sent-message-id>
    lm-peer-sent-message-id
  </lm-peer-sent-message-id>
  <lm-peer-control-channels>....</lm-peer-control-channels>
  <lm-peer-lmp-control-channels>....</lm-peer-lmp-control-channels>
  <lm-peer-te-links>....</lm-peer-te-links>
</lm-peer-information>
</lm-peer-root-information>
</lm-information>

```

Description

<lm-peer-lmp-control-channel-information>

Usage

```

<lm-peer-lmp-control-channels>
  <lm-peer-lmp-control-channel-information>
    <lm-lmp-control-channel-local-id>
      lm-lmp-control-channel-local-id
    </lm-lmp-control-channel-local-id>
    <lm-lmp-control-channel-remote-id>
      lm-lmp-control-channel-remote-id
    </lm-lmp-control-channel-remote-id>
    <lm-lmp-control-channel-state>
      lm-lmp-control-channel-state
    </lm-lmp-control-channel-state>
    <lm-lmp-control-channel-flags>....</lm-lmp-control-channel-flags>
    <lm-lmp-control-channel-received-message-id>
      lm-lmp-control-channel-received-message-id
    </lm-lmp-control-channel-received-message-id>
    <lm-lmp-control-channel-sent-message-id>
      lm-lmp-control-channel-sent-message-id
    </lm-lmp-control-channel-sent-message-id>
    <lm-lmp-control-channel-rcv-seq-num>
      lm-lmp-control-channel-rcv-seq-num
    </lm-lmp-control-channel-rcv-seq-num>
    <lm-lmp-control-channel-tx-seq-num>
      lm-lmp-control-channel-tx-seq-num
    </lm-lmp-control-channel-tx-seq-num>
  </lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>

```

Description Link management control channel information

<lm-peer-lmp-control-channel-information>

Usage

```

<lm-peer-information>
  <lm-peer-lmp-control-channels>
    <lm-peer-lmp-control-channel-information>
      <lm-lmp-control-channel-local-id>
        lm-lmp-control-channel-local-id
      </lm-lmp-control-channel-local-id>
      <lm-lmp-control-channel-remote-id>
        lm-lmp-control-channel-remote-id
      </lm-lmp-control-channel-remote-id>
      <lm-lmp-control-channel-state>
        lm-lmp-control-channel-state
      </lm-lmp-control-channel-state>
      <lm-lmp-control-channel-flags>....</lm-lmp-control-channel-flags>
      <lm-lmp-control-channel-received-message-id>
        lm-lmp-control-channel-received-message-id
      </lm-lmp-control-channel-received-message-id>
      <lm-lmp-control-channel-sent-message-id>
        lm-lmp-control-channel-sent-message-id
      </lm-lmp-control-channel-sent-message-id>
      <lm-lmp-control-channel-rcv-seq-num>
        lm-lmp-control-channel-rcv-seq-num
      </lm-lmp-control-channel-rcv-seq-num>
      <lm-lmp-control-channel-tx-seq-num>
        lm-lmp-control-channel-tx-seq-num
      </lm-lmp-control-channel-tx-seq-num>
    </lm-peer-lmp-control-channel-information>
  </lm-peer-lmp-control-channels>
</lm-peer-information>

```

Description Link management control channel information

<lm-peer-lmp-control-channel-information>

Usage

```

<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-lmp-control-channels>
      <lm-peer-lmp-control-channel-information>
        <lm-lmp-control-channel-local-id>
          lm-lmp-control-channel-local-id
        </lm-lmp-control-channel-local-id>
        <lm-lmp-control-channel-remote-id>
          lm-lmp-control-channel-remote-id
        </lm-lmp-control-channel-remote-id>
        <lm-lmp-control-channel-state>
          lm-lmp-control-channel-state
        </lm-lmp-control-channel-state>
        <lm-lmp-control-channel-flags>....</lm-lmp-control-channel-flags>
        <lm-lmp-control-channel-received-message-id>
          lm-lmp-control-channel-received-message-id
        </lm-lmp-control-channel-received-message-id>
      </lm-lmp-control-channel-information>
    </lm-peer-lmp-control-channels>
  </lm-peer-information>
</lm-peer-root-information>

```

```
<lm-lmp-control-channel-sent-message-id>
  lm-lmp-control-channel-sent-message-id
</lm-lmp-control-channel-sent-message-id>
<lm-lmp-control-channel-rcv-seq-num>
  lm-lmp-control-channel-rcv-seq-num
</lm-lmp-control-channel-rcv-seq-num>
<lm-lmp-control-channel-tx-seq-num>
  lm-lmp-control-channel-tx-seq-num
</lm-lmp-control-channel-tx-seq-num>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>
</lm-peer-information>
</lm-peer-root-information>
```

Description Link management control channel information

<lm-peer-lmp-control-channel-information>

Usage

```
<lm-information>
<lm-peer-root-information>
<lm-peer-information>
<lm-peer-lmp-control-channels>
<lm-peer-lmp-control-channel-information>
  <lm-lmp-control-channel-local-id>
    lm-lmp-control-channel-local-id
  </lm-lmp-control-channel-local-id>
  <lm-lmp-control-channel-remote-id>
    lm-lmp-control-channel-remote-id
  </lm-lmp-control-channel-remote-id>
  <lm-lmp-control-channel-state>
    lm-lmp-control-channel-state
  </lm-lmp-control-channel-state>
  <lm-lmp-control-channel-flags>....</lm-lmp-control-channel-flags>
  <lm-lmp-control-channel-received-message-id>
    lm-lmp-control-channel-received-message-id
  </lm-lmp-control-channel-received-message-id>
  <lm-lmp-control-channel-sent-message-id>
    lm-lmp-control-channel-sent-message-id
  </lm-lmp-control-channel-sent-message-id>
  <lm-lmp-control-channel-rcv-seq-num>
    lm-lmp-control-channel-rcv-seq-num
  </lm-lmp-control-channel-rcv-seq-num>
  <lm-lmp-control-channel-tx-seq-num>
    lm-lmp-control-channel-tx-seq-num
  </lm-lmp-control-channel-tx-seq-num>
</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>
</lm-peer-information>
</lm-peer-root-information>
</lm-information>
```

Description Link management control channel information

<lm-peer-lmp-control-channels>

Usage

```

<lm-peer-lmp-control-channels>
  <lm-peer-lmp-control-channel-information>....</lm-peer-lmp-control-channel-information>
</lm-peer-lmp-control-channels>

```

Description Link management control channels

<lm-peer-lmp-control-channels>

Usage

```

<lm-peer-information>
  <lm-peer-lmp-control-channels>
    <lm-peer-lmp-control-channel-information>....</lm-peer-lmp-control-channel-information>
  </lm-peer-lmp-control-channels>
</lm-peer-information>

```

Description Link management control channels

<lm-peer-lmp-control-channels>

Usage

```

<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-lmp-control-channels>
      <lm-peer-lmp-control-channel-information>....</lm-peer-lmp-control-channel-information>
    </lm-peer-lmp-control-channels>
  </lm-peer-information>
</lm-peer-root-information>

```

Description Link management control channels

<lm-peer-lmp-control-channels>

Usage

```

<lm-information>
  <lm-peer-root-information>
    <lm-peer-information>
      <lm-peer-lmp-control-channels>
        <lm-peer-lmp-control-channel-information>....</lm-peer-lmp-control-channel-information>
      </lm-peer-lmp-control-channels>
    </lm-peer-information>
  </lm-peer-root-information>

```

```
</lm-peer-root-information>
</lm-information>
```

Description Link management control channels

<lm-peer-root-information>

Usage

```
<lm-peer-root-information>
  <lm-peer-information>....</lm-peer-information>
</lm-peer-root-information>
```

Description

<lm-peer-root-information>

Usage

```
<lm-information>
  <lm-peer-root-information>
    <lm-peer-information>....</lm-peer-information>
  </lm-peer-root-information>
</lm-information>
```

Description

<lm-peer-statistics>

Usage

```
<lm-statistics-information>
  <lm-peer-statistics>
    <lm-peer-name>
      lm-peer-name
    </lm-peer-name>
    <lm-input-statistics>....</lm-input-statistics>
    <lm-output-statistics>....</lm-output-statistics>
  </lm-peer-statistics>
</lm-statistics-information>
```

Description

<lm-peer-te-link-information>

Usage

```
<lm-peer-te-links>
  <lm-peer-te-link-information>
    <lm-peer-te-link>
      lm-peer-te-link
    </lm-peer-te-link>
  </lm-peer-te-link-information>
</lm-peer-te-links>
```


Description Link management peer TE link information

<lm-peer-te-link-information>

Usage

```
<lm-peer-information>
  <lm-peer-te-links>
    <lm-peer-te-link-information>
      <lm-peer-te-link>
        lm-peer-te-link
      </lm-peer-te-link>
    </lm-peer-te-link-information>
  </lm-peer-te-links>
</lm-peer-information>
```

Description Link management peer TE link information

<lm-peer-te-link-information>

Usage

```
<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-te-links>
      <lm-peer-te-link-information>
        <lm-peer-te-link>
          lm-peer-te-link
        </lm-peer-te-link>
      </lm-peer-te-link-information>
    </lm-peer-te-links>
  </lm-peer-information>
</lm-peer-root-information>
```

Description Link management peer TE link information

<lm-peer-te-link-information>

Usage

```
<lm-information>
  <lm-peer-root-information>
    <lm-peer-information>
      <lm-peer-te-links>
        <lm-peer-te-link-information>
          <lm-peer-te-link>
            lm-peer-te-link
          </lm-peer-te-link>
        </lm-peer-te-link-information>
      </lm-peer-te-links>
    </lm-peer-information>
  </lm-peer-root-information>
</lm-information>
```

Description Link management peer TE link information

<lm-peer-te-links>

Usage

```
<lm-peer-te-links>
  <lm-peer-te-link-information>....</lm-peer-te-link-information>
</lm-peer-te-links>
```

Description Link management peer TE links

<lm-peer-te-links>

Usage

```
<lm-peer-information>
  <lm-peer-te-links>
    <lm-peer-te-link-information>....</lm-peer-te-link-information>
  </lm-peer-te-links>
</lm-peer-information>
```

Description Link management peer TE links

<lm-peer-te-links>

Usage

```
<lm-peer-root-information>
  <lm-peer-information>
    <lm-peer-te-links>
      <lm-peer-te-link-information>....</lm-peer-te-link-information>
    </lm-peer-te-links>
  </lm-peer-information>
</lm-peer-root-information>
```

Description Link management peer TE links

<lm-peer-te-links>

Usage

```
<lm-information>
  <lm-peer-root-information>
    <lm-peer-information>
      <lm-peer-te-links>
        <lm-peer-te-link-information>....</lm-peer-te-link-information>
      </lm-peer-te-links>
    </lm-peer-information>
  </lm-peer-root-information>
</lm-information>
```

Description Link management peer TE links

<lm-received-bad-packets>

Usage

```

<lm-statistics-information>
  <lm-peer-statistics>
    <lm-input-statistics>
      <lm-received-bad-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count
        </lm-packet-count>
      </lm-received-bad-packets>
    </lm-input-statistics>
  </lm-peer-statistics>
</lm-statistics-information>

```

Description Number of bad packets received

<lm-received-misordered-packets>

Usage

```

<lm-statistics-information>
  <lm-peer-statistics>
    <lm-input-statistics>
      <lm-received-misordered-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count
        </lm-packet-count>
      </lm-received-misordered-packets>
    </lm-input-statistics>
  </lm-peer-statistics>
</lm-statistics-information>

```

Description Number of out-of-order packets received

<lm-received-packets>

Usage

```

<lm-statistics-information>
  <lm-peer-statistics>
    <lm-input-statistics>
      <lm-received-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count

```

```
        </lm-packet-count>
        </lm-received-packets>
    </lm-input-statistics>
    </lm-peer-statistics>
</lm-statistics-information>
```

Description Number of packets received

<lm-resource>

Usage

```
<lm-resource-root-information>
  <lm-resource>
    <lm-resource-name>
      lm-resource-name
    </lm-resource-name>
    <lm-resource-type>
      lm-resource-type
    </lm-resource-type>
    <lm-resource-state>
      lm-resource-state
    </lm-resource-state>
    <lm-sys-id>
      lm-sys-id
    </lm-sys-id>
    <lm-resource-max-allocations>
      lm-resource-max-allocations
    </lm-resource-max-allocations>
    <lm-resource-bandwidth>
      lm-resource-bandwidth
    </lm-resource-bandwidth>
    <lm-resource-traffic-params>
      lm-resource-traffic-params
    </lm-resource-traffic-params>
  </lm-resource>
</lm-resource-root-information>
```

Description

<lm-resource>

Usage

```
<lm-information>
  <lm-resource-root-information>
    <lm-resource>
      <lm-resource-name>
        lm-resource-name
      </lm-resource-name>
      <lm-resource-type>
        lm-resource-type
      </lm-resource-type>
      <lm-resource-state>
        lm-resource-state
      </lm-resource-state>
```

```

<lm-sys-id>
  lm-sys-id
</lm-sys-id>
<lm-resource-max-allocations>
  lm-resource-max-allocations
</lm-resource-max-allocations>
<lm-resource-bandwidth>
  lm-resource-bandwidth
</lm-resource-bandwidth>
<lm-resource-traffic-params>
  lm-resource-traffic-params
</lm-resource-traffic-params>
</lm-resource>
</lm-resource-root-information>
</lm-information>

```

Description

<lm-resource-allocation-context>

Usage

```

<lm-resource-allocation-context>
  <lm-allocated-bandwidth>
    lm-allocated-bandwidth
  </lm-allocated-bandwidth>
  <lm-allocated-lsp-name>
    lm-allocated-lsp-name
  </lm-allocated-lsp-name>
  <lm-local-label>
    lm-local-label
  </lm-local-label>
  <lm-remote-label>
    lm-remote-label
  </lm-remote-label>
</lm-resource-allocation-context>

```

Description

<lm-resource-allocation-context>

Usage

```

<lm-te-link-resource>
  <lm-resource-allocation-context>
    <lm-allocated-bandwidth>
      lm-allocated-bandwidth
    </lm-allocated-bandwidth>
    <lm-allocated-lsp-name>
      lm-allocated-lsp-name
    </lm-allocated-lsp-name>
    <lm-local-label>
      lm-local-label
    </lm-local-label>
    <lm-remote-label>
      lm-remote-label

```

```
</lm-remote-label>
</lm-resource-allocation-context>
</lm-te-link-resource>
```

Description

<lm-resource-allocation-context>

Usage

```
<lm-te-link-information>
  <lm-te-link-resources>
    <lm-te-link-resource>
      <lm-resource-allocation-context>
        <lm-allocated-bandwidth>
          lm-allocated-bandwidth
        </lm-allocated-bandwidth>
        <lm-allocated-lsp-name>
          lm-allocated-lsp-name
        </lm-allocated-lsp-name>
        <lm-local-label>
          lm-local-label
        </lm-local-label>
        <lm-remote-label>
          lm-remote-label
        </lm-remote-label>
      </lm-resource-allocation-context>
    </lm-te-link-resource>
  </lm-te-link-resources>
</lm-te-link-information>
```

Description

<lm-resource-allocation-context>

Usage

```
<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-resources>
      <lm-te-link-resource>
        <lm-resource-allocation-context>
          <lm-allocated-bandwidth>
            lm-allocated-bandwidth
          </lm-allocated-bandwidth>
          <lm-allocated-lsp-name>
            lm-allocated-lsp-name
          </lm-allocated-lsp-name>
          <lm-local-label>
            lm-local-label
          </lm-local-label>
          <lm-remote-label>
            lm-remote-label
          </lm-remote-label>
        </lm-resource-allocation-context>
      </lm-te-link-resource>
    </lm-te-link-resources>
  </lm-te-link-information>
</lm-te-link-root-information>
```

```

    </lm-te-link-resources>
  </lm-te-link-information>
</lm-te-link-root-information>

```

Description

<lm-resource-allocation-context>

Usage

```

<lm-information>
  <lm-te-link-root-information>
    <lm-te-link-information>
      <lm-te-link-resources>
        <lm-te-link-resource>
          <lm-resource-allocation-context>
            <lm-allocated-bandwidth>
              lm-allocated-bandwidth
            </lm-allocated-bandwidth>
            <lm-allocated-lsp-name>
              lm-allocated-lsp-name
            </lm-allocated-lsp-name>
            <lm-local-label>
              lm-local-label
            </lm-local-label>
            <lm-remote-label>
              lm-remote-label
            </lm-remote-label>
          </lm-resource-allocation-context>
        </lm-te-link-resource>
      </lm-te-link-resources>
    </lm-te-link-information>
  </lm-te-link-root-information>
</lm-information>

```

Description

<lm-resource-root-information>

Usage

```

<lm-resource-root-information>
  <lm-source>
    lm-source
  </lm-source>
  <lm-resource>....</lm-resource>
</lm-resource-root-information>

```

Description

<lm-resource-root-information>

Usage

```

<lm-information>
  <lm-resource-root-information>
    <lm-source>

```

```
    lm-source
  </lm-source>
  <lm-resource>....</lm-resource>
</lm-resource-root-information>
</lm-information>
```

Description

<lm-retransmit-packets>

Usage

```
<lm-statistics-information>
  <lm-peer-statistics>
    <lm-output-statistics>
      <lm-retransmit-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count
        </lm-packet-count>
      </lm-retransmit-packets>
    </lm-output-statistics>
  </lm-peer-statistics>
</lm-statistics-information>
```

Description Number of packets retransmitted

<lm-sent-packets>

Usage

```
<lm-statistics-information>
  <lm-peer-statistics>
    <lm-output-statistics>
      <lm-sent-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count
        </lm-packet-count>
      </lm-sent-packets>
    </lm-output-statistics>
  </lm-peer-statistics>
</lm-statistics-information>
```

Description Number of packets sent

<lm-statistics-information>

Usage

```
<lm-statistics-information>
```



```
<lm-peer-statistics>....</lm-peer-statistics>
</lm-statistics-information>
```

Description

<lm-te-link-information>

Usage

```
<lm-te-link-information>
  <lm-te-link-name>
    lm-te-link-name
  </lm-te-link-name>
  <lm-local-id>
    lm-local-id
  </lm-local-id>
  <lm-remote-id>
    lm-remote-id
  </lm-remote-id>
  <lm-state>
    lm-state
  </lm-state>
  <lm-te-link-flags>
    lm-te-link-flags
  </lm-te-link-flags>
  <lm-te-link-local-flags>....</lm-te-link-local-flags>
  <lm-local-address>
    lm-local-address
  </lm-local-address>
  <lm-remote-address>
    lm-remote-address
  </lm-remote-address>
  <lm-encoding>
    lm-encoding
  </lm-encoding>
  <lm-switching>
    lm-switching
  </lm-switching>
  <lm-min-bandwidth>
    lm-min-bandwidth
  </lm-min-bandwidth>
  <lm-max-bandwidth>
    lm-max-bandwidth
  </lm-max-bandwidth>
  <lm-total-bandwidth>
    lm-total-bandwidth
  </lm-total-bandwidth>
  <lm-avail-bandwidth>
    lm-avail-bandwidth
  </lm-avail-bandwidth>
  <lm-te-link-resources>....</lm-te-link-resources>
</lm-te-link-information>
```

Description

<lm-te-link-information>

Usage

```
<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-name>
      lm-te-link-name
    </lm-te-link-name>
    <lm-local-id>
      lm-local-id
    </lm-local-id>
    <lm-remote-id>
      lm-remote-id
    </lm-remote-id>
    <lm-state>
      lm-state
    </lm-state>
    <lm-te-link-flags>
      lm-te-link-flags
    </lm-te-link-flags>
    <lm-te-link-local-flags>....</lm-te-link-local-flags>
    <lm-local-address>
      lm-local-address
    </lm-local-address>
    <lm-remote-address>
      lm-remote-address
    </lm-remote-address>
    <lm-encoding>
      lm-encoding
    </lm-encoding>
    <lm-switching>
      lm-switching
    </lm-switching>
    <lm-min-bandwidth>
      lm-min-bandwidth
    </lm-min-bandwidth>
    <lm-max-bandwidth>
      lm-max-bandwidth
    </lm-max-bandwidth>
    <lm-total-bandwidth>
      lm-total-bandwidth
    </lm-total-bandwidth>
    <lm-avail-bandwidth>
      lm-avail-bandwidth
    </lm-avail-bandwidth>
    <lm-te-link-resources>....</lm-te-link-resources>
  </lm-te-link-information>
</lm-te-link-root-information>
```

Description

<lm-te-link-information>

Usage

```
<lm-information>
```

```

<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-name>
      lm-te-link-name
    </lm-te-link-name>
    <lm-local-id>
      lm-local-id
    </lm-local-id>
    <lm-remote-id>
      lm-remote-id
    </lm-remote-id>
    <lm-state>
      lm-state
    </lm-state>
    <lm-te-link-flags>
      lm-te-link-flags
    </lm-te-link-flags>
    <lm-te-link-local-flags>....</lm-te-link-local-flags>
    <lm-local-address>
      lm-local-address
    </lm-local-address>
    <lm-remote-address>
      lm-remote-address
    </lm-remote-address>
    <lm-encoding>
      lm-encoding
    </lm-encoding>
    <lm-switching>
      lm-switching
    </lm-switching>
    <lm-min-bandwidth>
      lm-min-bandwidth
    </lm-min-bandwidth>
    <lm-max-bandwidth>
      lm-max-bandwidth
    </lm-max-bandwidth>
    <lm-total-bandwidth>
      lm-total-bandwidth
    </lm-total-bandwidth>
    <lm-avail-bandwidth>
      lm-avail-bandwidth
    </lm-avail-bandwidth>
    <lm-te-link-resources>....</lm-te-link-resources>
  </lm-te-link-information>
</lm-te-link-root-information>
</lm-information>

```

Description

<lm-te-link-local-flags>

Usage

```

<lm-te-link-local-flags>
  <lm-te-link-nack-sent-flag>
    lm-te-link-nack-sent-flag

```

```
</lm-te-link-nack-sent-flag>
</lm-te-link-local-flags>
```

Description

<lm-te-link-local-flags>

Usage

```
<lm-te-link-information>
  <lm-te-link-local-flags>
    <lm-te-link-nack-sent-flag>
      lm-te-link-nack-sent-flag
    </lm-te-link-nack-sent-flag>
  </lm-te-link-local-flags>
</lm-te-link-information>
```

Description

<lm-te-link-local-flags>

Usage

```
<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-local-flags>
      <lm-te-link-nack-sent-flag>
        lm-te-link-nack-sent-flag
      </lm-te-link-nack-sent-flag>
    </lm-te-link-local-flags>
  </lm-te-link-information>
</lm-te-link-root-information>
```

Description

<lm-te-link-local-flags>

Usage

```
<lm-information>
  <lm-te-link-root-information>
    <lm-te-link-information>
      <lm-te-link-local-flags>
        <lm-te-link-nack-sent-flag>
          lm-te-link-nack-sent-flag
        </lm-te-link-nack-sent-flag>
      </lm-te-link-local-flags>
    </lm-te-link-information>
  </lm-te-link-root-information>
</lm-information>
```

Description

<lm-te-link-resource>

Usage

```

<lm-te-link-resource>
  <lm-resource-name>
    lm-resource-name
  </lm-resource-name>
  <lm-resource-type>
    lm-resource-type
  </lm-resource-type>
  <lm-sys-id>
    lm-sys-id
  </lm-sys-id>
  <lm-resource-state>
    lm-resource-state
  </lm-resource-state>
  <lm-resource-flags>
    lm-resource-flags
  </lm-resource-flags>
  <lm-resource-local-id>
    lm-resource-local-id
  </lm-resource-local-id>
  <lm-resource-remote-id>
    lm-resource-remote-id
  </lm-resource-remote-id>
  <lm-resource-local-addr>
    lm-resource-local-addr
  </lm-resource-local-addr>
  <lm-resource-remote-addr>
    lm-resource-remote-addr
  </lm-resource-remote-addr>
  <lm-resource-bandwidth>
    lm-resource-bandwidth
  </lm-resource-bandwidth>
  <lm-resource-avail-bandwidth>
    lm-resource-avail-bandwidth
  </lm-resource-avail-bandwidth>
  <lm-resource-traffic-params>
    lm-resource-traffic-params
  </lm-resource-traffic-params>
  <lm-resource-max-allocations>
    lm-resource-max-allocations
  </lm-resource-max-allocations>
  <lm-resource-num-allocations>
    lm-resource-num-allocations
  </lm-resource-num-allocations>
  <lm-resource-in-use>
    lm-resource-in-use
  </lm-resource-in-use>
  <lm-resource-lsp-name>
    lm-resource-lsp-name
  </lm-resource-lsp-name>
  <lm-resource-allocation-context>....</lm-resource-allocation-context>
</lm-te-link-resource>

```

Description

<lm-te-link-resource>

Usage

```
<lm-te-link-information>
  <lm-te-link-resources>
    <lm-te-link-resource>
      <lm-resource-name>
        lm-resource-name
      </lm-resource-name>
      <lm-resource-type>
        lm-resource-type
      </lm-resource-type>
      <lm-sys-id>
        lm-sys-id
      </lm-sys-id>
      <lm-resource-state>
        lm-resource-state
      </lm-resource-state>
      <lm-resource-flags>
        lm-resource-flags
      </lm-resource-flags>
      <lm-resource-local-id>
        lm-resource-local-id
      </lm-resource-local-id>
      <lm-resource-remote-id>
        lm-resource-remote-id
      </lm-resource-remote-id>
      <lm-resource-local-addr>
        lm-resource-local-addr
      </lm-resource-local-addr>
      <lm-resource-remote-addr>
        lm-resource-remote-addr
      </lm-resource-remote-addr>
      <lm-resource-bandwidth>
        lm-resource-bandwidth
      </lm-resource-bandwidth>
      <lm-resource-avail-bandwidth>
        lm-resource-avail-bandwidth
      </lm-resource-avail-bandwidth>
      <lm-resource-traffic-params>
        lm-resource-traffic-params
      </lm-resource-traffic-params>
      <lm-resource-max-allocations>
        lm-resource-max-allocations
      </lm-resource-max-allocations>
      <lm-resource-num-allocations>
        lm-resource-num-allocations
      </lm-resource-num-allocations>
      <lm-resource-in-use>
        lm-resource-in-use
      </lm-resource-in-use>
      <lm-resource-lsp-name>
        lm-resource-lsp-name
      </lm-resource-lsp-name>
```

```

    <lm-resource-allocation-context>....</lm-resource-allocation-context>
  </lm-te-link-resource>
</lm-te-link-resources>
</lm-te-link-information>

```

Description

<lm-te-link-resource>

Usage

```

<lm-te-link-root-information>
<lm-te-link-information>
  <lm-te-link-resources>
    <lm-te-link-resource>
      <lm-resource-name>
        lm-resource-name
      </lm-resource-name>
      <lm-resource-type>
        lm-resource-type
      </lm-resource-type>
      <lm-sys-id>
        lm-sys-id
      </lm-sys-id>
      <lm-resource-state>
        lm-resource-state
      </lm-resource-state>
      <lm-resource-flags>
        lm-resource-flags
      </lm-resource-flags>
      <lm-resource-local-id>
        lm-resource-local-id
      </lm-resource-local-id>
      <lm-resource-remote-id>
        lm-resource-remote-id
      </lm-resource-remote-id>
      <lm-resource-local-addr>
        lm-resource-local-addr
      </lm-resource-local-addr>
      <lm-resource-remote-addr>
        lm-resource-remote-addr
      </lm-resource-remote-addr>
      <lm-resource-bandwidth>
        lm-resource-bandwidth
      </lm-resource-bandwidth>
      <lm-resource-avail-bandwidth>
        lm-resource-avail-bandwidth
      </lm-resource-avail-bandwidth>
      <lm-resource-traffic-params>
        lm-resource-traffic-params
      </lm-resource-traffic-params>
      <lm-resource-max-allocations>
        lm-resource-max-allocations
      </lm-resource-max-allocations>
      <lm-resource-num-allocations>
        lm-resource-num-allocations

```

```
</lm-resource-num-allocations>
<lm-resource-in-use>
  lm-resource-in-use
</lm-resource-in-use>
<lm-resource-lsp-name>
  lm-resource-lsp-name
</lm-resource-lsp-name>
<lm-resource-allocation-context>....</lm-resource-allocation-context>
</lm-te-link-resource>
</lm-te-link-resources>
</lm-te-link-information>
</lm-te-link-root-information>
```

Description

<lm-te-link-resource>

Usage

```
<lm-information>
<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-resources>
      <lm-te-link-resource>
        <lm-resource-name>
          lm-resource-name
        </lm-resource-name>
        <lm-resource-type>
          lm-resource-type
        </lm-resource-type>
        <lm-sys-id>
          lm-sys-id
        </lm-sys-id>
        <lm-resource-state>
          lm-resource-state
        </lm-resource-state>
        <lm-resource-flags>
          lm-resource-flags
        </lm-resource-flags>
        <lm-resource-local-id>
          lm-resource-local-id
        </lm-resource-local-id>
        <lm-resource-remote-id>
          lm-resource-remote-id
        </lm-resource-remote-id>
        <lm-resource-local-addr>
          lm-resource-local-addr
        </lm-resource-local-addr>
        <lm-resource-remote-addr>
          lm-resource-remote-addr
        </lm-resource-remote-addr>
        <lm-resource-bandwidth>
          lm-resource-bandwidth
        </lm-resource-bandwidth>
        <lm-resource-avail-bandwidth>
          lm-resource-avail-bandwidth
```



```

</lm-resource-avail-bandwidth>
<lm-resource-traffic-params>
  lm-resource-traffic-params
</lm-resource-traffic-params>
<lm-resource-max-allocations>
  lm-resource-max-allocations
</lm-resource-max-allocations>
<lm-resource-num-allocations>
  lm-resource-num-allocations
</lm-resource-num-allocations>
<lm-resource-in-use>
  lm-resource-in-use
</lm-resource-in-use>
<lm-resource-lsp-name>
  lm-resource-lsp-name
</lm-resource-lsp-name>
<lm-resource-allocation-context>....</lm-resource-allocation-context>
</lm-te-link-resource>
</lm-te-link-resources>
</lm-te-link-information>
</lm-te-link-root-information>
</lm-information>

```

Description

<lm-te-link-resources>

Usage

```

<lm-te-link-information>
  <lm-te-link-resources>
    <lm-te-link-resource>....</lm-te-link-resource>
  </lm-te-link-resources>
</lm-te-link-information>

```

Description

<lm-te-link-resources>

Usage

```

<lm-te-link-root-information>
  <lm-te-link-information>
    <lm-te-link-resources>
      <lm-te-link-resource>....</lm-te-link-resource>
    </lm-te-link-resources>
  </lm-te-link-information>
</lm-te-link-root-information>

```

Description

<lm-te-link-resources>

Usage

```

<lm-information>
  <lm-te-link-root-information>

```

```
<lm-te-link-information>
  <lm-te-link-resources>
    <lm-te-link-resource>....</lm-te-link-resource>
  </lm-te-link-resources>
</lm-te-link-information>
</lm-te-link-root-information>
</lm-information>
```

Description

<lm-te-link-root-information>

Usage

```
<lm-te-link-root-information>
  <lm-te-link-information>....</lm-te-link-information>
</lm-te-link-root-information>
```

Description

<lm-te-link-root-information>

Usage

```
<lm-information>
  <lm-te-link-root-information>
    <lm-te-link-information>....</lm-te-link-information>
  </lm-te-link-root-information>
</lm-information>
```

Description

<lm-tossed-packets>

Usage

```
<lm-statistics-information>
  <lm-peer-statistics>
    <lm-output-statistics>
      <lm-tossed-packets>
        <lm-packet-type>
          lm-packet-type
        </lm-packet-type>
        <lm-packet-count>
          lm-packet-count
        </lm-packet-count>
      </lm-tossed-packets>
    </lm-output-statistics>
  </lm-peer-statistics>
</lm-statistics-information>
```

Description Number of messages which failed retransmission

<local-asn>**Usage**

```

<aspath-domain>
  <local-asn>
    <asn>
      asn
    </asn>
    <as-loops>
      as-loops
    </as-loops>
  </local-asn>
</aspath-domain>

```

Description**<local-asn>****Usage**

```

<juniper-routing-aspath>
  <aspath-domain>
    <local-asn>
      <asn>
        asn
      </asn>
      <as-loops>
        as-loops
      </as-loops>
    </local-asn>
  </aspath-domain>
</juniper-routing-aspath>

```

Description**<local-interface>****Usage**

```

<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
  </local-interface>
</connection>

```

```
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
```

Description

<local-interface>

Usage

```
<mesh-group-connection>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</mesh-group-connection>
```

Description

<local-interface>

Usage

```
<instance>
  <reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
```

```

<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</reference-site>
</instance>

```

Description

<local-interface>

Usage

```

<instance>
<reference-site>
<mesh-group-connection>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>

```

```
</connection>
</mesh-group-connection>
</reference-site>
</instance>
```

Description

<local-interface>

Usage

```
<instance>
<ldp-vpls-reference-site>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</ldp-vpls-reference-site>
</instance>
```

Description

<local-interface>

Usage

```
<instance>
<ldp-vpls-reference-site>
<mesh-group-connection>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
```

```

    interface-status
  </interface-status>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <working-status>
    working-status
  </working-status>
  <profile-name>
    profile-name
  </profile-name>
  <profile-varset-name>
    profile-varset-name
  </profile-varset-name>
  <interface-description>
    interface-description
  </interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>

```

Description

<local-interface>

Usage

```

<instance>
  <vpls-protocol-state>
  <mesh-group-connection>
  <connection>
    <local-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-status>
        interface-status
      </interface-status>
      <interface-encapsulation>
        interface-encapsulation
      </interface-encapsulation>
      <working-status>
        working-status
      </working-status>
      <profile-name>
        profile-name
      </profile-name>
      <profile-varset-name>
        profile-varset-name
      </profile-varset-name>
      <interface-description>
        interface-description
      </interface-description>
    </local-interface>
  
```

```
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
```

Description

<local-interface>

Usage

```
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<local-interface>

Usage

```
<instance>
<vpls-protocol-state>
<reference-site>
  <mesh-group-connection>
    <connection>
      <local-interface>
        <interface-name>
```



```

    interface-name
  </interface-name>
  <interface-status>
    interface-status
  </interface-status>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <working-status>
    working-status
  </working-status>
  <profile-name>
    profile-name
  </profile-name>
  <profile-varset-name>
    profile-varset-name
  </profile-varset-name>
  <interface-description>
    interface-description
  </interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description

<local-interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <reference-site>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>

```

```
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<local-interface>

Usage

```
<l2vpn-connection-information>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<local-interface>

Usage

```
<l2vpn-connection-information>
```

```

<instance>
  <ldp-vpls-reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
        </working-status>
        <profile-name>
          profile-name
        </profile-name>
        <profile-varset-name>
          profile-varset-name
        </profile-varset-name>
        <interface-description>
          interface-description
        </interface-description>
      </local-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>

```

Description

<local-interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>

```

```
    profile-name
  </profile-name>
  <profile-varset-name>
    profile-varset-name
  </profile-varset-name>
  <interface-description>
    interface-description
  </interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<local-interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<local-interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description

<local-interface>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>

```

```
    interface-status
  </interface-status>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <working-status>
    working-status
  </working-status>
  <profile-name>
    profile-name
  </profile-name>
  <profile-varset-name>
    profile-varset-name
  </profile-varset-name>
  <interface-description>
    interface-description
  </interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description

<local-interface>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
        </working-status>
        <profile-name>
          profile-name
        </profile-name>
        <profile-varset-name>
          profile-varset-name
        </profile-varset-name>
        <interface-description>
          interface-description
```

```

        </interface-description>
      </local-interface>
    </connection>
  </reference-site>
</instance>
</vpls-connection-information>

```

Description

<local-interface>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description

<local-interface>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>

```

```
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>
```

Description

<local-interface>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
```



```

    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-connection-information>

```

Description

<local-interface>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description

<local-interface>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description

<local-interface>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
```

```

<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<local-interface>

Usage

```

<vpls-statistics-information>
<instance>
  <reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
        </working-status>
        <profile-name>
          profile-name
        </profile-name>
        <profile-varset-name>
          profile-varset-name
        </profile-varset-name>
        <interface-description>
          interface-description
        </interface-description>
      </local-interface>
    
```

```
</connection>
</reference-site>
</instance>
</vpls-statistics-information>
```

Description

<local-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-statistics-information>
```

Description

<local-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <local-interface>
```

```

<interface-name>
  interface-name
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>

```

Description

<local-interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name

```

```
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description

<local-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<local-interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<local-interface>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
            </local-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

```
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<local-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
        </working-status>
        <profile-name>
          profile-name
        </profile-name>
        <profile-varset-name>
          profile-varset-name
        </profile-varset-name>
        <interface-description>
          interface-description
        </interface-description>
      </local-interface>
```



```

    </connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<local-interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<local-interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <local-interface>

```

```
<interface-name>
  interface-name
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<local-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
```

```

        </profile-varset-name>
        <interface-description>
            interface-description
        </interface-description>
    </local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<local-interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<local-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<local-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
```

```

<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<local-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
        </working-status>
        <profile-name>
          profile-name
        </profile-name>
        <profile-varset-name>
          profile-varset-name
        </profile-varset-name>
        <interface-description>
          interface-description
        </interface-description>

```

```
</local-interface>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<local-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
<reference-site>
<mesh-group-connection>
<connection>
<local-interface>
<interface-name>
  interface-name
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<local-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
```

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<local-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <ldp-vpls-reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
              <working-status>

```

```
        working-status
      </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<local-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
```



```

    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<local-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-protocol-state>
        <reference-site>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
              <working-status>
                working-status
              </working-status>
              <profile-name>
                profile-name
              </profile-name>
              <profile-varset-name>
                profile-varset-name
              </profile-varset-name>
              <interface-description>
                interface-description
              </interface-description>
            </local-interface>
          </connection>
        </reference-site>
      </vpls-protocol-state>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<local-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>

```

```
<vpls-protocol-state>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<local-interface>

Usage

```
<l2circuit-connection-information>
  <l2circuit-neighbor>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
        <working-status>
          working-status
```

```

</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>

```

Description

<local-interface>

Usage

```

<mvpn-instance-information>
<instance>
<reference-site>
<connection>
  <local-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
    <working-status>
      working-status
    </working-status>
    <profile-name>
      profile-name
    </profile-name>
    <profile-varset-name>
      profile-varset-name
    </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<local-interface>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description

<local-interface>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <local-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </local-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

```

</interface-encapsulation>
<working-status>
  working-status
</working-status>
<profile-name>
  profile-name
</profile-name>
<profile-varset-name>
  profile-varset-name
</profile-varset-name>
<interface-description>
  interface-description
</interface-description>
</local-interface>
</connection>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>

```

Description

<local-interface>

Usage

```

<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <local-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
          <working-status>
            working-status
          </working-status>
          <profile-name>
            profile-name
          </profile-name>
          <profile-varset-name>
            profile-varset-name
          </profile-varset-name>
          <interface-description>
            interface-description
          </interface-description>
        </local-interface>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>

```

```
</instance>
</mvpn-instance-information>
```

Description

<local-interface>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <local-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
            <working-status>
              working-status
            </working-status>
            <profile-name>
              profile-name
            </profile-name>
            <profile-varset-name>
              profile-varset-name
            </profile-varset-name>
            <interface-description>
              interface-description
            </interface-description>
          </local-interface>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>
```

Description

<local-interface>

Usage

```
<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <local-interface>
            <interface-name>
```

```

    interface-name
  </interface-name>
  <interface-status>
    interface-status
  </interface-status>
  <interface-encapsulation>
    interface-encapsulation
  </interface-encapsulation>
  <working-status>
    working-status
  </working-status>
  <profile-name>
    profile-name
  </profile-name>
  <profile-varset-name>
    profile-varset-name
  </profile-varset-name>
  <interface-description>
    interface-description
  </interface-description>
</local-interface>
</connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description

<local-interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <local-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
              <working-status>
                working-status
              </working-status>
              <profile-name>
                profile-name
              </profile-name>
              <profile-varset-name>

```

```
        profile-varset-name
      </profile-varset-name>
    <interface-description>
      interface-description
    </interface-description>
  </local-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<log-element>

Usage

```
<log-element>
  <timestamp>
    timestamp
  </timestamp>
  <ospf-log-type>
    ospf-log-type
  </ospf-log-type>
  <elapsed-time>
    elapsed-time
  </elapsed-time>
</log-element>
```

Description

<log-element>

Usage

```
<ospf-log-instance>
  <log-element>
    <timestamp>
      timestamp
    </timestamp>
    <ospf-log-type>
      ospf-log-type
    </ospf-log-type>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </log-element>
</ospf-log-instance>
```

Description

<log-element>**Usage**

```

<ospf-log-maximum-length>
  <log-element>
    <timestamp>
      timestamp
    </timestamp>
    <ospf-log-type>
      ospf-log-type
    </ospf-log-type>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </log-element>
</ospf-log-maximum-length>

```

Description**<log-element>****Usage**

```

<ospf-log-events>
  <log-element>
    <timestamp>
      timestamp
    </timestamp>
    <ospf-log-type>
      ospf-log-type
    </ospf-log-type>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </log-element>
</ospf-log-events>

```

Description**<log-element>****Usage**

```

<ospf-topology-log>
  <ospf-log-instance>
    <log-element>
      <timestamp>
        timestamp
      </timestamp>
      <ospf-log-type>
        ospf-log-type
      </ospf-log-type>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
    </log-element>
  </ospf-log-instance>
</ospf-topology-log>

```

```
</ospf-log-instance>
</ospf-topology-log>
```

Description

<log-element>

Usage

```
<ospf-topology-log>
  <ospf-log-maximum-length>
    <log-element>
      <timestamp>
        timestamp
      </timestamp>
      <ospf-log-type>
        ospf-log-type
      </ospf-log-type>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
    </log-element>
  </ospf-log-maximum-length>
</ospf-topology-log>
```

Description

<log-element>

Usage

```
<ospf-topology-log>
  <ospf-log-events>
    <log-element>
      <timestamp>
        timestamp
      </timestamp>
      <ospf-log-type>
        ospf-log-type
      </ospf-log-type>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
    </log-element>
  </ospf-log-events>
</ospf-topology-log>
```

Description

<log-element>

Usage

```
<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-instance>
      <log-element>
```

```

<timestamp>
  timestamp
</timestamp>
<ospf-log-type>
  ospf-log-type
</ospf-log-type>
<elapsed-time>
  elapsed-time
</elapsed-time>
</log-element>
</ospf-log-instance>
</ospf-topology-log>
</ospf-log-information>

```

Description

<log-element>

Usage

```

<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-maximum-length>
      <log-element>
        <timestamp>
          timestamp
        </timestamp>
        <ospf-log-type>
          ospf-log-type
        </ospf-log-type>
        <elapsed-time>
          elapsed-time
        </elapsed-time>
      </log-element>
    </ospf-log-maximum-length>
  </ospf-topology-log>
</ospf-log-information>

```

Description

<log-element>

Usage

```

<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-events>
      <log-element>
        <timestamp>
          timestamp
        </timestamp>
        <ospf-log-type>
          ospf-log-type
        </ospf-log-type>
        <elapsed-time>
          elapsed-time

```

```
</elapsed-time>
</log-element>
</ospf-log-events>
</ospf-topology-log>
</ospf-log-information>
```

Description

<log-element>

Usage

```
<ospf3-log-information>
  <ospf-log-instance>
    <log-element>
      <timestamp>
        timestamp
      </timestamp>
      <ospf-log-type>
        ospf-log-type
      </ospf-log-type>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
    </log-element>
  </ospf-log-instance>
</ospf3-log-information>
```

Description

<log-element>

Usage

```
<ospf3-log-information>
  <ospf-log-maximum-length>
    <log-element>
      <timestamp>
        timestamp
      </timestamp>
      <ospf-log-type>
        ospf-log-type
      </ospf-log-type>
      <elapsed-time>
        elapsed-time
      </elapsed-time>
    </log-element>
  </ospf-log-maximum-length>
</ospf3-log-information>
```

Description

<log-element>

Usage

```
<ospf3-log-information>
```

```

<ospf-log-events>
  <log-element>
    <timestamp>
      timestamp
    </timestamp>
    <ospf-log-type>
      ospf-log-type
    </ospf-log-type>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </log-element>
</ospf-log-events>
</ospf3-log-information>

```

Description**<lp-history>****Usage**

```

<rsvp-session-data>
  <rsvp-session>
    <lp-history>
      <sequence-number>
        sequence-number
      </sequence-number>
      <time>
        time
      </time>
      <log>
        log
      </log>
      <route>
        route
      </route>
    </lp-history>
  </rsvp-session>
</rsvp-session-data>

```

Description Log of LSP path-related events**<lp-history>****Usage**

```

<lp-history>
  <sequence-number>
    sequence-number
  </sequence-number>
  <time>
    time
  </time>
  <log>
    log
  </log>

```

```
<route>
  route
</route>
</lp-history>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<rsvp-session>
  <lp-history>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time>
      time
    </time>
    <log>
      log
    </log>
    <route>
      route
    </route>
  </lp-history>
</rsvp-session>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <lp-history>
        <sequence-number>
          sequence-number
        </sequence-number>
        <time>
          time
        </time>
        <log>
          log
        </log>
        <route>
          route
        </route>
      </lp-history>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<rsvp-interface>
  <bypass-info>
    <lp-history>
      <sequence-number>
        sequence-number
      </sequence-number>
      <time>
        time
      </time>
      <log>
        log
      </log>
      <route>
        route
      </route>
    </lp-history>
  </bypass-info>
</rsvp-interface>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<bypass-info>
  <lp-history>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time>
      time
    </time>
    <log>
      log
    </log>
    <route>
      route
    </route>
  </lp-history>
</bypass-info>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<rsvp-interface-information>
```

```
<rsvp-interface>
  <bypass-info>
    <lp-history>
      <sequence-number>
        sequence-number
      </sequence-number>
      <time>
        time
      </time>
      <log>
        log
      </log>
      <route>
        route
      </route>
    </lp-history>
  </bypass-info>
</rsvp-interface>
</rsvp-interface-information>
```

Description Log of LSP path-related events

<lp-history>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <lp-history>
        <sequence-number>
          sequence-number
        </sequence-number>
        <time>
          time
        </time>
        <log>
          log
        </log>
        <route>
          route
        </route>
      </lp-history>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Log of LSP path-related events

<lsp-attribute-flags>

Usage

```
<rsvp-session-data>
  <rsvp-session>
```



```
<lsp-attribute-flags>
  <non-php>
    non-php
  </non-php>
  <oob>
    oob
  </oob>
</lsp-attribute-flags>
</rsvp-session>
</rsvp-session-data>
```

Description LSP attribute flags

<lsp-attribute-flags>

Usage

```
<lsp-attribute-flags>
  <non-php>
    non-php
  </non-php>
  <oob>
    oob
  </oob>
</lsp-attribute-flags>
```

Description LSP attribute flags

<lsp-attribute-flags>

Usage

```
<rsvp-session>
  <lsp-attribute-flags>
    <non-php>
      non-php
    </non-php>
    <oob>
      oob
    </oob>
  </lsp-attribute-flags>
</rsvp-session>
```

Description LSP attribute flags

<lsp-attribute-flags>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <lsp-attribute-flags>
        <non-php>
```

```
        non-php
      </non-php>
    <oob>
      oob
    </oob>
  </lsp-attribute-flags>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description LSP attribute flags

<lsp-attribute-flags>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <lsp-attribute-flags>
        <non-php>
          non-php
        </non-php>
        <oob>
          oob
        </oob>
      </lsp-attribute-flags>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description LSP attribute flags

<mc-stats-interface>

Usage

```
<multicast-statistics-information>
  <multicast-statistics>
    <mc-stats-interface>
      <interface-name>
        interface-name
      </interface-name>
      <protocol-name>
        protocol-name
      </protocol-name>
      <mc-mismatch-errors>
        mc-mismatch-errors
      </mc-mismatch-errors>
      <mc-mismatches>
        mc-mismatches
      </mc-mismatches>
      <mc-mismatches-no-route>
        mc-mismatches-no-route
      </mc-mismatches-no-route>
```

```

<mc-resolves>
  mc-resolves
</mc-resolves>
<mc-routing-notifies>
  mc-routing-notifies
</mc-routing-notifies>
<mc-resolves-no-route>
  mc-resolves-no-route
</mc-resolves-no-route>
<mc-resolve-errors>
  mc-resolve-errors
</mc-resolve-errors>
<mc-resolves-filtered>
  mc-resolves-filtered
</mc-resolves-filtered>
<mc-routing-notifies-filtered>
  mc-routing-notifies-filtered
</mc-routing-notifies-filtered>
<mc-input-kbytes>
  mc-input-kbytes
</mc-input-kbytes>
<mc-input-packets>
  mc-input-packets
</mc-input-packets>
<mc-output-kbytes>
  mc-output-kbytes
</mc-output-kbytes>
<mc-output-packets>
  mc-output-packets
</mc-output-packets>
</mc-stats-interface>
</multicast-statistics>
</multicast-statistics-information>

```

Description

<mdt-active-tunnel>

Usage

```

<pim-mdt-information>
  <mdt-active-tunnel>
    <mdt-customer-source-address>
      mdt-customer-source-address
    </mdt-customer-source-address>
    <mdt-customer-group-address>
      mdt-customer-group-address
    </mdt-customer-group-address>
    <mdt-provider-group-address>
      mdt-provider-group-address
    </mdt-provider-group-address>
    <mdt-tunnel-interface-name>
      mdt-tunnel-interface-name
    </mdt-tunnel-interface-name>
    <mdt-forwarding-rate-kilobits>
      mdt-forwarding-rate-kilobits
  </mdt-active-tunnel>
</pim-mdt-information>

```

```
</mdt-forwarding-rate-kilobits>
<mdt-forwarding-rate-kilobytes>
  mdt-forwarding-rate-kilobytes
</mdt-forwarding-rate-kilobytes>
<mdt-configured-threshold-rate>
  mdt-configured-threshold-rate
</mdt-configured-threshold-rate>
<mdt-tunnel-uptime>
  mdt-tunnel-uptime
</mdt-tunnel-uptime>
<mdt-default-tunnel-information>....</mdt-default-tunnel-information>
</mdt-active-tunnel>
</pim-mdt-information>
```

Description

<mdt-default-tunnel-information>

Usage

```
<pim-mdt-information>
  <mdt-default-tunnel-information>
</mdt-default-tunnel-information>
</pim-mdt-information>
```

Description

<mdt-default-tunnel-information>

Usage

```
<pim-mdt-information>
  <mdt-active-tunnel>
    <mdt-default-tunnel-information>
  </mdt-default-tunnel-information>
</mdt-active-tunnel>
</pim-mdt-information>
```

Description

<mesh-group-connection>

Usage

```
<mesh-group-connection>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <connection>....</connection>
  <connections-summary>....</connections-summary>
</mesh-group-connection>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>**Usage**

```

<instance>
  <reference-site>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>**Usage**

```

<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>**Usage**

```

<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<l2vpn-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </instance>
</l2vpn-connection-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
```

```

    </instance>
  </l2vpn-connection-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <mesh-group-name>
            mesh-group-name
          </mesh-group-name>
          <connection>....</connection>
          <connections-summary>....</connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>

```

```
<mesh-group-connection>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <connection>....</connection>
  <connections-summary>....</connections-summary>
</mesh-group-connection>
</reference-site>
</instance>
</vpls-connection-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <mesh-group-name>
            mesh-group-name
          </mesh-group-name>
          <connection>....</connection>
          <connections-summary>....</connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-statistics-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

```
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
```

```

<instance>
  <reference-site>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <mesh-group-name>
            mesh-group-name
          </mesh-group-name>
          <connection>....</connection>
          <connections-summary>....</connections-summary>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <mesh-group-connection>
          <mesh-group-name>
            mesh-group-name
          </mesh-group-name>
          <connection>....</connection>
          <connections-summary>....</connections-summary>
        </mesh-group-connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <ldp-vpls-reference-site>
        <mesh-group-connection>
```

```

    <mesh-group-name>
      mesh-group-name
    </mesh-group-name>
    <connection>....</connection>
    <connections-summary>....</connections-summary>
  </mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```
</vpls-dynamic-interface-repository-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <connection>....</connection>
      <connections-summary>....</connections-summary>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

```

    </mesh-group-name>
    <connection>....</connection>
    <connections-summary>....</connections-summary>
  </mesh-group-connection>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-connection>

Usage

```

<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <connection>....</connection>
        <connections-summary>....</connections-summary>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>

```

Description Information about all vc-connections of a specific mesh-group

<mesh-group-interfaces>

Usage

```

<mesh-group-interfaces>
  <mesh-group-name>
    mesh-group-name
  </mesh-group-name>
  <mesh-group-id>
    mesh-group-id
  </mesh-group-id>
  <mesh-group-state>
    mesh-group-state
  </mesh-group-state>
  <interface>....</interface>
</mesh-group-interfaces>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<instance>
  <reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </reference-site>
</instance>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </ldp-vpls-reference-site>
</instance>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
```



```

</mesh-group-name>
<mesh-group-id>
  mesh-group-id
</mesh-group-id>
<mesh-group-state>
  mesh-group-state
</mesh-group-state>
<interface>....</interface>
</mesh-group-interfaces>
</vpls-protocol-state>
</instance>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<instance>
<vpls-protocol-state>
<reference-site>
  <mesh-group-interfaces>
    <mesh-group-name>
      mesh-group-name
    </mesh-group-name>
    <mesh-group-id>
      mesh-group-id
    </mesh-group-id>
    <mesh-group-state>
      mesh-group-state
    </mesh-group-state>
    <interface>....</interface>
  </mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<l2vpn-connection-information>
<instance>
<reference-site>
  <mesh-group-interfaces>
    <mesh-group-name>
      mesh-group-name
    </mesh-group-name>
    <mesh-group-id>
      mesh-group-id
    </mesh-group-id>
    <mesh-group-state>
      mesh-group-state
  </mesh-group-interfaces>
</reference-site>

```

```
    </mesh-group-state>
    <interface>....</interface>
  </mesh-group-interfaces>
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </vpls-protocol-state>
</instance>
```

```
</l2vpn-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </reference-site>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>**Usage**

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-interfaces>
          <mesh-group-name>
            mesh-group-name
          </mesh-group-name>
          <mesh-group-id>
            mesh-group-id
          </mesh-group-id>
          <mesh-group-state>
            mesh-group-state
          </mesh-group-state>
          <interface>....</interface>
        </mesh-group-interfaces>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>**Usage**

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </reference-site>
  </instance>
</vpls-statistics-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-statistics-information>
```

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-interfaces>

```

```
<mesh-group-name>
  mesh-group-name
</mesh-group-name>
<mesh-group-id>
  mesh-group-id
</mesh-group-id>
<mesh-group-state>
  mesh-group-state
</mesh-group-state>
<interface>....</interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
```



```

        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id

```

```
</mesh-group-id>
<mesh-group-state>
  mesh-group-state
</mesh-group-state>
<interface>....</interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
      </mesh-group-interfaces>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

```

        </mesh-group-id>
        <mesh-group-state>
            mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
    </mesh-group-interfaces>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<mvpn-instance-information>
<instance>
<reference-site>
    <mesh-group-interfaces>
        <mesh-group-name>
            mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
            mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
            mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
    </mesh-group-interfaces>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```

<mvpn-instance-information>
<instance>
<ldp-vpls-reference-site>
    <mesh-group-interfaces>
        <mesh-group-name>
            mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
            mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
            mesh-group-state

```

```
</mesh-group-state>
<interface>....</interface>
</mesh-group-interfaces>
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-interfaces>
      <mesh-group-name>
        mesh-group-name
      </mesh-group-name>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
      <mesh-group-state>
        mesh-group-state
      </mesh-group-state>
      <interface>....</interface>
    </mesh-group-interfaces>
  </vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description Information about all interfaces associated with a mesh-group

<mesh-group-interfaces>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-interfaces>
        <mesh-group-name>
          mesh-group-name
        </mesh-group-name>
        <mesh-group-id>
          mesh-group-id
        </mesh-group-id>
        <mesh-group-state>
          mesh-group-state
        </mesh-group-state>
        <interface>....</interface>
      </mesh-group-interfaces>
    </reference-site>
```

```

    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description Information about all interfaces associated with a mesh-group

<message-statistics>

Usage

```

<message-statistics>
  <rsvp-message>
    rsvp-message
  </rsvp-message>
  <messages-sent>
    messages-sent
  </messages-sent>
  <messages-received>
    messages-received
  </messages-received>
  <messages-sent-5seconds>
    messages-sent-5seconds
  </messages-sent-5seconds>
  <messages-received-5seconds>
    messages-received-5seconds
  </messages-received-5seconds>
</message-statistics>

```

Description Statistics per RSVP message type

<message-statistics>

Usage

```

<rsvp-statistics-information>
  <message-statistics>
    <rsvp-message>
      rsvp-message
    </rsvp-message>
    <messages-sent>
      messages-sent
    </messages-sent>
    <messages-received>
      messages-received
    </messages-received>
    <messages-sent-5seconds>
      messages-sent-5seconds
    </messages-sent-5seconds>
    <messages-received-5seconds>
      messages-received-5seconds
    </messages-received-5seconds>
  </message-statistics>
</rsvp-statistics-information>

```

Description Statistics per RSVP message type

<message-statistics>

Usage

```
<rsvp-interface>
  <message-statistics>
    <rsvp-message>
      rsvp-message
    </rsvp-message>
    <messages-sent>
      messages-sent
    </messages-sent>
    <messages-received>
      messages-received
    </messages-received>
    <messages-sent-5seconds>
      messages-sent-5seconds
    </messages-sent-5seconds>
    <messages-received-5seconds>
      messages-received-5seconds
    </messages-received-5seconds>
  </message-statistics>
</rsvp-interface>
```

Description Statistics per RSVP message type

<message-statistics>

Usage

```
<rsvp-interface-information>
  <rsvp-interface>
    <message-statistics>
      <rsvp-message>
        rsvp-message
      </rsvp-message>
      <messages-sent>
        messages-sent
      </messages-sent>
      <messages-received>
        messages-received
      </messages-received>
      <messages-sent-5seconds>
        messages-sent-5seconds
      </messages-sent-5seconds>
      <messages-received-5seconds>
        messages-received-5seconds
      </messages-received-5seconds>
    </message-statistics>
  </rsvp-interface>
</rsvp-interface-information>
```

Description Statistics per RSVP message type

<mgm-amt-configured-parameters>

Usage

```
<mgm-amt-configured-parameters>
  <query-interval>
    query-interval
  </query-interval>
  <query-response-interval>
    query-response-interval
  </query-response-interval>
  <last-member-query-interval>
    last-member-query-interval
  </last-member-query-interval>
  <robustness-count>
    robustness-count
  </robustness-count>
</mgm-amt-configured-parameters>
```

Description

<mgm-amt-configured-parameters>

Usage

```
<igmp-interface-information>
  <mgm-amt-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-amt-configured-parameters>
</igmp-interface-information>
```

Description

<mgm-amt-derived-parameters>

Usage

```
<mgm-amt-derived-parameters>
  <membership-timeout>
    membership-timeout
  </membership-timeout>
  <query-other-timeout>
    query-other-timeout
  </query-other-timeout>
```

```
</mgm-amt-derived-parameters>
```

Description

```
<mgm-amt-derived-parameters>
```

Usage

```
<igmp-interface-information>
  <mgm-amt-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-amt-derived-parameters>
</igmp-interface-information>
```

Description

```
<mgm-configured-parameters>
```

Usage

```
<mgm-configured-parameters>
  <query-interval>
    query-interval
  </query-interval>
  <query-response-interval>
    query-response-interval
  </query-response-interval>
  <last-member-query-interval>
    last-member-query-interval
  </last-member-query-interval>
  <robustness-count>
    robustness-count
  </robustness-count>
</mgm-configured-parameters>
```

Description

```
<mgm-configured-parameters>
```

Usage

```
<igmp-interface-information>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
```



```

    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-configured-parameters>
</igmp-interface-information>

```

Description

<mgm-configured-parameters>

Usage

```

<mld-interface-information>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-configured-parameters>
</mld-interface-information>

```

Description

<mgm-derived-parameters>

Usage

```

<mgm-derived-parameters>
  <membership-timeout>
    membership-timeout
  </membership-timeout>
  <query-other-timeout>
    query-other-timeout
  </query-other-timeout>
</mgm-derived-parameters>

```

Description

<mgm-derived-parameters>

Usage

```

<igmp-interface-information>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</igmp-interface-information>

```

```
</query-other-timeout>
</mgm-derived-parameters>
</lgmp-interface-information>
```

Description

<mgm-derived-parameters>

Usage

```
<mld-interface-information>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</mld-interface-information>
```

Description

<mgm-group>

Usage

```
<mgm-interface-groups>
  <mgm-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-source-timeout>
      mgm-source-timeout
    </mgm-source-timeout>
    <last-address>
      last-address
    </last-address>
    <mgm-timeout>
      mgm-timeout
    </mgm-timeout>
    <mgm-type>
      mgm-type
    </mgm-type>
    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <host-record>....</host-record>
    <reverse-oif>....</reverse-oif>
    <mgm-group-output-interface>
      mgm-group-output-interface
    </mgm-group-output-interface>
    <mgm-output-interface-status>
```

```

    mgm-output-interface-status
  </mgm-output-interface-status>
</mgm-group>
</mgm-interface-groups>

```

Description

<mgm-group>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>
        mgm-source-timeout
      </mgm-source-timeout>
      <last-address>
        last-address
      </last-address>
      <mgm-timeout>
        mgm-timeout
      </mgm-timeout>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <host-record>....</host-record>
      <reverse-oif>....</reverse-oif>
      <mgm-group-output-interface>
        mgm-group-output-interface
      </mgm-group-output-interface>
      <mgm-output-interface-status>
        mgm-output-interface-status
      </mgm-output-interface-status>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

Description

<mgm-group>

Usage

```

<mld-group-information>
  <mgm-interface-groups>
    <mgm-group>

```

```
<multicast-group-address>
  multicast-group-address
</multicast-group-address>
<multicast-source-address>
  multicast-source-address
</multicast-source-address>
<mgm-source-timeout>
  mgm-source-timeout
</mgm-source-timeout>
<last-address>
  last-address
</last-address>
<mgm-timeout>
  mgm-timeout
</mgm-timeout>
<mgm-type>
  mgm-type
</mgm-type>
<mgm-group-mode-type>
  mgm-group-mode-type
</mgm-group-mode-type>
<host-record>....</host-record>
<reverse-oif>....</reverse-oif>
<mgm-group-output-interface>
  mgm-group-output-interface
</mgm-group-output-interface>
<mgm-output-interface-status>
  mgm-output-interface-status
</mgm-output-interface-status>
</mgm-group>
</mgm-interface-groups>
</mld-group-information>
```

Description

<mgm-group>

Usage

```
<amt-tunnel>
<mgm-group>
  <multicast-group-address>
    multicast-group-address
  </multicast-group-address>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
  <mgm-source-timeout>
    mgm-source-timeout
  </mgm-source-timeout>
  <last-address>
    last-address
  </last-address>
  <mgm-timeout>
    mgm-timeout
  </mgm-timeout>
```

```

<mgm-type>
  mgm-type
</mgm-type>
<mgm-group-mode-type>
  mgm-group-mode-type
</mgm-group-mode-type>
<host-record>....</host-record>
<reverse-oif>....</reverse-oif>
<mgm-group-output-interface>
  mgm-group-output-interface
</mgm-group-output-interface>
<mgm-output-interface-status>
  mgm-output-interface-status
</mgm-output-interface-status>
</mgm-group>
</amt-tunnel>

```

Description

<mgm-group>

Usage

```

<amt-tunnel-information>
<amt-tunnel>
  <mgm-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-source-timeout>
      mgm-source-timeout
    </mgm-source-timeout>
    <last-address>
      last-address
    </last-address>
    <mgm-timeout>
      mgm-timeout
    </mgm-timeout>
    <mgm-type>
      mgm-type
    </mgm-type>
    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <host-record>....</host-record>
    <reverse-oif>....</reverse-oif>
    <mgm-group-output-interface>
      mgm-group-output-interface
    </mgm-group-output-interface>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
  </mgm-group>

```

```
</amt-tunnel>
</amt-tunnel-information>
```

Description

<mgm-host>

Usage

```
<mgm-interface>
  <mgm-host>
    <mgm-host-address>
      mgm-host-address
    </mgm-host-address>
    <mgm-host-record-count>
      mgm-host-record-count
    </mgm-host-record-count>
  </mgm-host>
</mgm-interface>
```

Description

<mgm-host>

Usage

```
<igmp-interface-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</igmp-interface-information>
```

Description

<mgm-host>

Usage

```
<mld-interface-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
```

```
</mld-interface-information>
```

Description

<mgm-host>

Usage

```
<igmp-hosts-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</igmp-hosts-information>
```

Description

<mgm-host>

Usage

```
<mld-hosts-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</mld-hosts-information>
```

Description

<mgm-interface>

Usage

```
<mgm-interface>
  <interface-name>
    interface-name
  </interface-name>
  <querier-address>
    querier-address
  </querier-address>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
```

```
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version
  </mgm-interface-version>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-ssm-map>
    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>
  <mgm-promiscuous-mode>
    mgm-promiscuous-mode
  </mgm-promiscuous-mode>
  <mgm-passive>
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
```

Description

<mgm-interface>

Usage

```
<igmp-interface-information>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
```



```

    querier-address
  </querier-address>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version
  </mgm-interface-version>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-ssm-map>
    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>
  <mgm-promiscuous-mode>
    mgm-promiscuous-mode
  </mgm-promiscuous-mode>
  <mgm-passive>
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-interface-information>

```

Description

<mgm-interface>

Usage

```
<mld-interface-information>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
    <mgm-promiscuous-mode>
      mgm-promiscuous-mode
    </mgm-promiscuous-mode>
    <mgm-passive>
      mgm-passive
    </mgm-passive>
    <mgm-passive-allow-receive>
      mgm-passive-allow-receive
    </mgm-passive-allow-receive>
    <mgm-passive-send-general-query>
      mgm-passive-send-general-query
    </mgm-passive-send-general-query>
    <mgm-passive-send-group-query>
      mgm-passive-send-group-query
    </mgm-passive-send-group-query>
    <mgm-group-limit>
      mgm-group-limit
    </mgm-group-limit>
    <mgm-group-policy>
      mgm-group-policy
    </mgm-group-policy>
    <mgm-oif-map>
      mgm-oif-map
```

```

</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</mld-interface-information>

```

Description

<mgm-interface>

Usage

```

<igmp-hosts-information>
<mgm-interface>
  <interface-name>
    interface-name
  </interface-name>
  <querier-address>
    querier-address
  </querier-address>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version
  </mgm-interface-version>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-ssm-map>
    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>
  <mgm-promiscuous-mode>
    mgm-promiscuous-mode
  </mgm-promiscuous-mode>
  <mgm-passive>
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>

```

```
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-hosts-information>
```

Description

<mgm-interface>

Usage

```
<mld-hosts-information>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
    <mgm-promiscuous-mode>
      mgm-promiscuous-mode
    </mgm-promiscuous-mode>
    <mgm-passive>
      mgm-passive
    </mgm-passive>
    <mgm-passive-allow-receive>
      mgm-passive-allow-receive
    </mgm-passive-allow-receive>
```

```

<mgm-passive-send-general-query>
  mgm-passive-send-general-query
</mgm-passive-send-general-query>
<mgm-passive-send-group-query>
  mgm-passive-send-group-query
</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</mld-hosts-information>

```

Description

<mgm-interface-groups>

Usage

```

<mgm-interface-groups>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-group>....</mgm-group>
</mgm-interface-groups>

```

Description

<mgm-interface-groups>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>....</mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

Description

<mgm-interface-groups>

Usage

```
<mld-group-information>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>....</mgm-group>
  </mgm-interface-groups>
</mld-group-information>
```

Description

<mgm-interface-output-groups>

Usage

```
<mgm-interface-output-groups>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-output-interface-status>
    mgm-output-interface-status
  </mgm-output-interface-status>
  <mgm-output-group>....</mgm-output-group>
</mgm-interface-output-groups>
```

Description

<mgm-interface-output-groups>

Usage

```
<igmp-output-group-information>
  <mgm-interface-output-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
    <mgm-output-group>....</mgm-output-group>
  </mgm-interface-output-groups>
</igmp-output-group-information>
```

Description

<mgm-interface-output-groups>

Usage

```
<mld-output-group-information>
```

```

<mgm-interface-output-groups>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-output-interface-status>
    mgm-output-interface-status
  </mgm-output-interface-status>
  <mgm-output-group>....</mgm-output-group>
</mgm-interface-output-groups>
</mld-output-group-information>

```

Description

<mgm-other-statistic>

Usage

```

<mgm-statistics-interface>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-interface>

```

Description

<mgm-other-statistic>

Usage

```

<mgm-statistics-interface>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-interface>

```

Description

<mgm-other-statistic>

Usage

```

<mgm-statistics-interface>
  <mgm-other-statistic>

```

```
<statistic-name>
  statistic-name
</statistic-name>
<statistic-count>
  statistic-count
</statistic-count>
</mgm-other-statistic>
</mgm-statistics-interface>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-all>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>
```



```

    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-other>
</mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</igmp-statistics-information>
```

Description**<mgm-other-statistic>****Usage**

```
<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</igmp-statistics-information>
```

Description**<mgm-other-statistic>****Usage**

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
</mld-statistics-information>
```

Description**<mgm-other-statistic>****Usage**

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
```

```
</mgm-other-statistic>
</mgm-statistics-global>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mld-statistics-information>
```

```

    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-global>
</mld-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description

<mgm-output-group>

Usage

```

<mgm-interface-output-groups>
  <mgm-output-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
  </mgm-output-group>
</mgm-interface-output-groups>

```

```
</multicast-group-address>
<multicast-source-address>
  multicast-source-address
</multicast-source-address>
<mgm-type>
  mgm-type
</mgm-type>
<mgm-group-mode-type>
  mgm-group-mode-type
</mgm-group-mode-type>
<mgm-group-input-interface>
  mgm-group-input-interface
</mgm-group-input-interface>
</mgm-output-group>
</mgm-interface-output-groups>
```

Description

<mgm-output-group>

Usage

```
<igmp-output-group-information>
<mgm-interface-output-groups>
  <mgm-output-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-type>
      mgm-type
    </mgm-type>
    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <mgm-group-input-interface>
      mgm-group-input-interface
    </mgm-group-input-interface>
  </mgm-output-group>
</mgm-interface-output-groups>
</igmp-output-group-information>
```

Description

<mgm-output-group>

Usage

```
<mld-output-group-information>
<mgm-interface-output-groups>
  <mgm-output-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
```

```

<multicast-source-address>
  multicast-source-address
</multicast-source-address>
<mgm-type>
  mgm-type
</mgm-type>
<mgm-group-mode-type>
  mgm-group-mode-type
</mgm-group-mode-type>
<mgm-group-input-interface>
  mgm-group-input-interface
</mgm-group-input-interface>
</mgm-output-group>
</mgm-interface-output-groups>
</mld-output-group-information>

```

Description

<mgm-statistic>

Usage

```

<mgm-statistics-interface>
<mgm-statistics-group>
  <mgm-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <received-count>
      received-count
    </received-count>
    <sent-count>
      sent-count
    </sent-count>
    <error-count>
      error-count
    </error-count>
  </mgm-statistic>
</mgm-statistics-group>
</mgm-statistics-interface>

```

Description

<mgm-statistic>

Usage

```

<mgm-statistics-interface>
  <mgm-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <received-count>
      received-count
    </received-count>
    <sent-count>

```

```
    sent-count
  </sent-count>
  <error-count>
    error-count
  </error-count>
</mgm-statistic>
</mgm-statistics-interface>
```

Description

<mgm-statistic>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-group>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-all>
```

Description

<mgm-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
```



```

</mgm-statistics-group>
</mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-statistic>

Usage

```

<igmp-statistics-information>
<mgm-statistics-interface>
<mgm-statistic>
  <statistic-name>
    statistic-name
  </statistic-name>
  <received-count>
    received-count
  </received-count>
  <sent-count>
    sent-count
  </sent-count>
  <error-count>
    error-count
  </error-count>
</mgm-statistic>
</mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-statistic>

Usage

```

<igmp-statistics-information>
<mgm-statistics-all>
<mgm-statistics-group>
<mgm-statistic>
  <statistic-name>
    statistic-name
  </statistic-name>
  <received-count>
    received-count
  </received-count>
  <sent-count>
    sent-count
  </sent-count>
  <error-count>
    error-count
  </error-count>
</mgm-statistic>
</mgm-statistics-group>
</mgm-statistics-all>
</igmp-statistics-information>

```

Description**<mgm-statistic>****Usage**

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mld-statistics-information>
```

Description**<mgm-statistic>****Usage**

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistic>**Usage**

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description**<mgm-statistics-all>****Usage**

```

<mgm-statistics-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
</mgm-statistics-all>

```

Description**<mgm-statistics-all>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
  </mgm-statistics-all>
</igmp-statistics-information>

```

Description

<mgm-statistics-all>

Usage

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-interface>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-all>
```

Description

<mgm-statistics-global>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</igmp-statistics-information>
```

Description

<mgm-statistics-global>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-global>
```

```

    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</lgmp-statistics-information>

```

Description

<mgm-statistics-global>

Usage

```

<lgmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</lgmp-statistics-information>

```

Description

<mgm-statistics-global>

Usage

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description

<mgm-statistics-global>

Usage

```

<mld-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mld-statistics-information>

```

Description

<mgm-statistics-global>

Usage

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>

```

</mld-statistics-information>

Description

<mgm-statistics-group>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-group>
    <mgm-statistic>....</mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-interface>
```

Description

<mgm-statistics-group>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-group>
    <mgm-statistic>....</mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-all>
```

Description

<mgm-statistics-group>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</igmp-statistics-information>
```

Description

<mgm-statistics-group>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</igmp-statistics-information>
```

Description

<mgm-statistics-group>**Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description**<mgm-statistics-group>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description**<mgm-statistics-interface>****Usage**

```

<mgm-statistics-interface>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface-all>
    mgm-interface-all
  </mgm-interface-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistic>....</mgm-statistic>
  <mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-interface>

```

Description**<mgm-statistics-interface>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-interface>

```

```
<interface-name>
  interface-name
</interface-name>
<mgm-disabled-interface-name>
  mgm-disabled-interface-name
</mgm-disabled-interface-name>
<mgm-interface-all>
  mgm-interface-all
</mgm-interface-all>
<mgm-statistics-group>....</mgm-statistics-group>
<mgm-statistics-other>....</mgm-statistics-other>
<mgm-statistics-global>....</mgm-statistics-global>
<mgm-statistic>....</mgm-statistic>
<mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-interface>
</igmp-statistics-information>
```

Description

<mgm-statistics-interface>

Usage

```
<mld-statistics-information>
<mgm-statistics-interface>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface-all>
    mgm-interface-all
  </mgm-interface-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistic>....</mgm-statistic>
  <mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-interface>
```

Description

<mgm-statistics-other>**Usage**

```

<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>

```

```
<mgm-statistics-other>
  <mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-other>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mld-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description

<mld-group-information>

Usage

```
<mld-group-information>
  <mgm-interface-groups>....</mgm-interface-groups>
</mld-group-information>
```

Description

<mld-hosts-information>

Usage

```
<mld-hosts-information>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface>....</mgm-interface>
</mld-hosts-information>
```

Description

<mld-interface-information>

Usage

```
<mld-interface-information>
  <mgm-interface>....</mgm-interface>
  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
</mld-interface-information>
```

Description

<mld-output-group-information>

Usage

```
<mld-output-group-information>
  <mgm-interface-output-groups>....</mgm-interface-output-groups>
</mld-output-group-information>
```

Description

<mld-statistics-information>

Usage

```
<mld-statistics-information>
  <mgm-statistics-interface>....</mgm-statistics-interface>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistics-all>....</mgm-statistics-all>
</mld-statistics-information>
```

Description

<mpls-admin-group>

Usage

```
<mpls-admin-group>
  <admin-group-name>
    admin-group-name
  </admin-group-name>
  <index>
    index
  </index>
</mpls-admin-group>
```

Description

<mpls-admin-group>

Usage

```
<mpls-admin-group-information>
  <mpls-admin-group>
    <admin-group-name>
      admin-group-name
```

```
</admin-group-name>
<index>
  index
</index>
</mpls-admin-group>
</mpls-admin-group-information>
```

Description

<mpls-admin-group-extended>

Usage

```
<mpls-admin-group-extended>
<range>
  range
</range>
<admin-group-name>
  admin-group-name
</admin-group-name>
<admin-group-index>
  admin-group-index
</admin-group-index>
</mpls-admin-group-extended>
```

Description

<mpls-admin-group-extended>

Usage

```
<mpls-admin-group-extended-information>
<mpls-admin-group-extended>
<range>
  range
</range>
<admin-group-name>
  admin-group-name
</admin-group-name>
<admin-group-index>
  admin-group-index
</admin-group-index>
</mpls-admin-group-extended>
</mpls-admin-group-extended-information>
```

Description

<mpls-admin-group-extended-information>

Usage

```
<mpls-admin-group-extended-information>
<mpls-admin-group-extended>....</mpls-admin-group-extended>
</mpls-admin-group-extended-information>
```

Description

<mpls-admin-group-information>

Usage

```
<mpls-admin-group-information>
  <mpls-admin-group>....</mpls-admin-group>
</mpls-admin-group-information>
```

Description

<mpls-call-admission-control>

Usage

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>....</mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description

<mpls-call-admission-control-information>

Usage

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>....</mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description

<mpls-context-identifier>

Usage

```
<mpls-context-identifier>
  <context-identifier>
    context-identifier
  </context-identifier>
  <context-type>
    context-type
  </context-type>
  <metric>
    metric
  </metric>
  <context-table>
    context-table
  </context-table>
  <context-lsps>
    context-lsps
  </context-lsps>
  <context-lsp-ingress-router>
    context-lsp-ingress-router
  </context-lsp-ingress-router>
  <context-lsp-name>
```

```
context-lsp-name
</context-lsp-name>
<context-lsp-is-detour>
context-lsp-is-detour
</context-lsp-is-detour>
<context-total-count>
context-total-count
</context-total-count>
<primary-context-count>
primary-context-count
</primary-context-count>
<protector-context-count>
protector-context-count
</protector-context-count>
</mpls-context-identifier>
```

Description Egress protection context identifier

<mpls-context-identifier>

Usage

```
<mpls-context-identifier-information>
<mpls-context-identifier>
<context-identifier>
context-identifier
</context-identifier>
<context-type>
context-type
</context-type>
<metric>
metric
</metric>
<context-table>
context-table
</context-table>
<context-lsps>
context-lsps
</context-lsps>
<context-lsp-ingress-router>
context-lsp-ingress-router
</context-lsp-ingress-router>
<context-lsp-name>
context-lsp-name
</context-lsp-name>
<context-lsp-is-detour>
context-lsp-is-detour
</context-lsp-is-detour>
<context-total-count>
context-total-count
</context-total-count>
<primary-context-count>
primary-context-count
</primary-context-count>
<protector-context-count>
```

```
    protector-context-count
  </protector-context-count>
</mpls-context-identifier>
</mpls-context-identifier-information>
```

Description Egress protection context identifier

<mpls-context-identifier-information>

Usage

```
<mpls-context-identifier-information>
  <mpls-context-identifier>....</mpls-context-identifier>
</mpls-context-identifier-information>
```

Description Information of context identifiers

<mpls-cspf>

Usage

```
<mpls-cspf>
  <cspf-queue>....</cspf-queue>
  <cspf-paths>....</cspf-paths>
  <cspf-timing>....</cspf-timing>
</mpls-cspf>
```

Description

<mpls-cspf>

Usage

```
<mpls-cspf-information>
  <mpls-cspf>
    <cspf-queue>....</cspf-queue>
    <cspf-paths>....</cspf-paths>
    <cspf-timing>....</cspf-timing>
  </mpls-cspf>
</mpls-cspf-information>
```

Description

<mpls-cspf-information>

Usage

```
<mpls-cspf-information>
  <mpls-cspf>....</mpls-cspf>
</mpls-cspf-information>
```

Description

<mpls-diffserv-te-information>

Usage

```
<mpls-diffserv-te-information>
  <bandwidth-model>
    bandwidth-model
  </bandwidth-model>
  <te-class-map>....</te-class-map>
</mpls-diffserv-te-information>
```

Description

<mpls-error>

Usage

```
<mpls-error>
  <mpls-error-msg>
    mpls-error-msg
  </mpls-error-msg>
</mpls-error>
```

Description

<mpls-interface>

Usage

```
<mpls-interface-information>
  <mpls-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mpls-interface-state>
      mpls-interface-state
    </mpls-interface-state>
    <no-group-flag>
      no-group-flag
    </no-group-flag>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
    <admin-group-number>
      admin-group-number
    </admin-group-number>
  </mpls-interface>
</mpls-interface-information>
```

Description

<mpls-interface-detail>

Usage

```
<mpls-interface-information>
  <mpls-interface-detail>
```



```

<interface-name>
  interface-name
</interface-name>
<mpls-interface-state>
  mpls-interface-state
</mpls-interface-state>
<static-revert-time>
  static-revert-time
</static-revert-time>
<always-mark-connection-protection-tlv>
  always-mark-connection-protection-tlv
</always-mark-connection-protection-tlv>
<mpls-interface-switch-away-lsps>
  mpls-interface-switch-away-lsps
</mpls-interface-switch-away-lsps>
<no-group-flag>
  no-group-flag
</no-group-flag>
<admin-group-name>
  admin-group-name
</admin-group-name>
<admin-group-number>
  admin-group-number
</admin-group-number>
<admin-group-extended-name>
  admin-group-extended-name
</admin-group-extended-name>
<admin-group-extended-number>
  admin-group-extended-number
</admin-group-extended-number>
</mpls-interface-detail>
</mpls-interface-information>

```

Description

<mpls-interface-information>

Usage

```

<mpls-interface-information>
  <mpls-interface>....</mpls-interface>
  <mpls-interface-detail>....</mpls-interface-detail>
</mpls-interface-information>

```

Description

<mpls-lsp>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <destination-address>
        destination-address
      </destination-address>

```

```
<source-address>
  source-address
</source-address>
<lsp-state>
  lsp-state
</lsp-state>
<route-count>
  route-count
</route-count>
<active-path>
  active-path
</active-path>
<is-primary>
  is-primary
</is-primary>
<name>
  name
</name>
<bidirectional>
  bidirectional
</bidirectional>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-pktbytes>
  lsp-pktbytes
</lsp-pktbytes>
<lsp-packets>
  lsp-packets
</lsp-packets>
<lsp-bytes>
  lsp-bytes
</lsp-bytes>
<no-statistics>
  no-statistics
</no-statistics>
<mpls-p2mp-name>
  mpls-p2mp-name
</mpls-p2mp-name>
<lsp-type>
  lsp-type
</lsp-type>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-inter-domain-path>
  is-inter-domain-path
</is-inter-domain-path>
<load-balance>
  load-balance
```

```

</load-balance>
<lsp-diffserv-te-info>
  lsp-diffserv-te-info
</lsp-diffserv-te-info>
<metric>
  metric
</metric>
<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
  revert-timer-remain
</revert-timer-remain>
<optimize-protection-timer>
  optimize-protection-timer
</optimize-protection-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<lsp-creation-time>
  lsp-creation-time
</lsp-creation-time>
<lsp-soft-preemption-counter>
  lsp-soft-preemption-counter
</lsp-soft-preemption-counter>
<lsp-soft-preemption-time>
  lsp-soft-preemption-time
</lsp-soft-preemption-time>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
<mpls-lsp-path>....</mpls-lsp-path>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>

```

Description MPLS label-switched path information

<mpls-lsp>

Usage

```

<rsvp-session>
  <mpls-lsp>
    <destination-address>
      destination-address
    </destination-address>
    <source-address>
      source-address
    </source-address>
    <lsp-state>

```

```
    lsp-state
  </lsp-state>
  <route-count>
    route-count
  </route-count>
  <active-path>
    active-path
  </active-path>
  <is-primary>
    is-primary
  </is-primary>
  <name>
    name
  </name>
  <bidirectional>
    bidirectional
  </bidirectional>
  <lsp-description>
    lsp-description
  </lsp-description>
  <lsp-pktbytes>
    lsp-pktbytes
  </lsp-pktbytes>
  <lsp-packets>
    lsp-packets
  </lsp-packets>
  <lsp-bytes>
    lsp-bytes
  </lsp-bytes>
  <no-statistics>
    no-statistics
  </no-statistics>
  <mpls-p2mp-name>
    mpls-p2mp-name
  </mpls-p2mp-name>
  <lsp-type>
    lsp-type
  </lsp-type>
  <is-fastreroute>
    is-fastreroute
  </is-fastreroute>
  <is-linkprotection>
    is-linkprotection
  </is-linkprotection>
  <is-nodeprotection>
    is-nodeprotection
  </is-nodeprotection>
  <is-inter-domain-path>
    is-inter-domain-path
  </is-inter-domain-path>
  <load-balance>
    load-balance
  </load-balance>
  <lsp-diffserv-te-info>
    lsp-diffserv-te-info
  </lsp-diffserv-te-info>
```

```

<metric>
  metric
</metric>
<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
  revert-timer-remain
</revert-timer-remain>
<optimize-protection-timer>
  optimize-protection-timer
</optimize-protection-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<lsp-creation-time>
  lsp-creation-time
</lsp-creation-time>
<lsp-soft-preemption-counter>
  lsp-soft-preemption-counter
</lsp-soft-preemption-counter>
<lsp-soft-preemption-time>
  lsp-soft-preemption-time
</lsp-soft-preemption-time>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
<mpls-lsp-path>....</mpls-lsp-path>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>
</rsvp-session>

```

Description MPLS label-switched path information

<mpls-lsp>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <destination-address>
          destination-address
        </destination-address>
        <source-address>
          source-address
        </source-address>
        <lsp-state>
          lsp-state
        </lsp-state>
        <route-count>

```

```
    route-count
  </route-count>
  <active-path>
    active-path
  </active-path>
  <is-primary>
    is-primary
  </is-primary>
  <name>
    name
  </name>
  <bidirectional>
    bidirectional
  </bidirectional>
  <lsp-description>
    lsp-description
  </lsp-description>
  <lsp-pktbytes>
    lsp-pktbytes
  </lsp-pktbytes>
  <lsp-packets>
    lsp-packets
  </lsp-packets>
  <lsp-bytes>
    lsp-bytes
  </lsp-bytes>
  <no-statistics>
    no-statistics
  </no-statistics>
  <mpls-p2mp-name>
    mpls-p2mp-name
  </mpls-p2mp-name>
  <lsp-type>
    lsp-type
  </lsp-type>
  <is-fastreroute>
    is-fastreroute
  </is-fastreroute>
  <is-linkprotection>
    is-linkprotection
  </is-linkprotection>
  <is-nodeprotection>
    is-nodeprotection
  </is-nodeprotection>
  <is-inter-domain-path>
    is-inter-domain-path
  </is-inter-domain-path>
  <load-balance>
    load-balance
  </load-balance>
  <lsp-diffserv-te-info>
    lsp-diffserv-te-info
  </lsp-diffserv-te-info>
  <metric>
    metric
  </metric>
```

```

<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
  revert-timer-remain
</revert-timer-remain>
<optimize-protection-timer>
  optimize-protection-timer
</optimize-protection-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<lsp-creation-time>
  lsp-creation-time
</lsp-creation-time>
<lsp-soft-preemption-counter>
  lsp-soft-preemption-counter
</lsp-soft-preemption-counter>
<lsp-soft-preemption-time>
  lsp-soft-preemption-time
</lsp-soft-preemption-time>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
<mpls-lsp-path>....</mpls-lsp-path>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>

```

Description MPLS label-switched path information

<mpls-lsp>

Usage

```

<mpls-lsp>
  <destination-address>
    destination-address
  </destination-address>
  <source-address>
    source-address
  </source-address>
  <lsp-state>
    lsp-state
  </lsp-state>
  <route-count>
    route-count
  </route-count>
  <active-path>
    active-path

```

```
</active-path>
<is-primary>
  is-primary
</is-primary>
<name>
  name
</name>
<bidirectional>
  bidirectional
</bidirectional>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-pktbytes>
  lsp-pktbytes
</lsp-pktbytes>
<lsp-packets>
  lsp-packets
</lsp-packets>
<lsp-bytes>
  lsp-bytes
</lsp-bytes>
<no-statistics>
  no-statistics
</no-statistics>
<mpls-p2mp-name>
  mpls-p2mp-name
</mpls-p2mp-name>
<lsp-type>
  lsp-type
</lsp-type>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-inter-domain-path>
  is-inter-domain-path
</is-inter-domain-path>
<load-balance>
  load-balance
</load-balance>
<lsp-diffserv-te-info>
  lsp-diffserv-te-info
</lsp-diffserv-te-info>
<metric>
  metric
</metric>
<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
```



```

    revert-timer-remain
  </revert-timer-remain>
  <optimize-protection-timer>
    optimize-protection-timer
  </optimize-protection-timer>
  <admin-groups>....</admin-groups>
  <admin-groups-extended>....</admin-groups-extended>
  <lsp-creation-time>
    lsp-creation-time
  </lsp-creation-time>
  <lsp-soft-preemption-counter>
    lsp-soft-preemption-counter
  </lsp-soft-preemption-counter>
  <lsp-soft-preemption-time>
    lsp-soft-preemption-time
  </lsp-soft-preemption-time>
  <retry-timer>
    retry-timer
  </retry-timer>
  <retry-limit>
    retry-limit
  </retry-limit>
  <mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
  <mpls-lsp-path>....</mpls-lsp-path>
  <mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>

```

Description MPLS label-switched path information

<mpls-lsp>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <destination-address>
          destination-address
        </destination-address>
        <source-address>
          source-address
        </source-address>
        <lsp-state>
          lsp-state
        </lsp-state>
        <route-count>
          route-count
        </route-count>
        <active-path>
          active-path
        </active-path>
        <is-primary>
          is-primary
        </is-primary>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

```
<name>
  name
</name>
<bidirectional>
  bidirectional
</bidirectional>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-pktbytes>
  lsp-pktbytes
</lsp-pktbytes>
<lsp-packets>
  lsp-packets
</lsp-packets>
<lsp-bytes>
  lsp-bytes
</lsp-bytes>
<no-statistics>
  no-statistics
</no-statistics>
<mpls-p2mp-name>
  mpls-p2mp-name
</mpls-p2mp-name>
<lsp-type>
  lsp-type
</lsp-type>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-inter-domain-path>
  is-inter-domain-path
</is-inter-domain-path>
<load-balance>
  load-balance
</load-balance>
<lsp-diffserv-te-info>
  lsp-diffserv-te-info
</lsp-diffserv-te-info>
<metric>
  metric
</metric>
<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
  revert-timer-remain
</revert-timer-remain>
<optimize-protection-timer>
  optimize-protection-timer
```

```

</optimize-protection-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<lsp-creation-time>
  lsp-creation-time
</lsp-creation-time>
<lsp-soft-preemption-counter>
  lsp-soft-preemption-counter
</lsp-soft-preemption-counter>
<lsp-soft-preemption-time>
  lsp-soft-preemption-time
</lsp-soft-preemption-time>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
<mpls-lsp-path>....</mpls-lsp-path>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description MPLS label-switched path information

<mpls-lsp>

Usage

```

<mpls-call-admission-control-information>
<mpls-call-admission-control>
  <mpls-lsp>
    <destination-address>
      destination-address
    </destination-address>
    <source-address>
      source-address
    </source-address>
    <lsp-state>
      lsp-state
    </lsp-state>
    <route-count>
      route-count
    </route-count>
    <active-path>
      active-path
    </active-path>
    <is-primary>
      is-primary
    </is-primary>
    <name>
      name

```

```
</name>
<bidirectional>
  bidirectional
</bidirectional>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-pktbytes>
  lsp-pktbytes
</lsp-pktbytes>
<lsp-packets>
  lsp-packets
</lsp-packets>
<lsp-bytes>
  lsp-bytes
</lsp-bytes>
<no-statistics>
  no-statistics
</no-statistics>
<mpls-p2mp-name>
  mpls-p2mp-name
</mpls-p2mp-name>
<lsp-type>
  lsp-type
</lsp-type>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-inter-domain-path>
  is-inter-domain-path
</is-inter-domain-path>
<load-balance>
  load-balance
</load-balance>
<lsp-diffserv-te-info>
  lsp-diffserv-te-info
</lsp-diffserv-te-info>
<metric>
  metric
</metric>
<revert-timer>
  revert-timer
</revert-timer>
<revert-timer-remain>
  revert-timer-remain
</revert-timer-remain>
<optimize-protection-timer>
  optimize-protection-timer
</optimize-protection-timer>
<admin-groups>....</admin-groups>
```

```

<admin-groups-extended>....</admin-groups-extended>
<lsp-creation-time>
  lsp-creation-time
</lsp-creation-time>
<lsp-soft-preemption-counter>
  lsp-soft-preemption-counter
</lsp-soft-preemption-counter>
<lsp-soft-preemption-time>
  lsp-soft-preemption-time
</lsp-soft-preemption-time>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<mpls-lsp-autobandwidth>....</mpls-lsp-autobandwidth>
<mpls-lsp-path>....</mpls-lsp-path>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description MPLS label-switched path information

<mpls-lsp-attributes>

Usage

```

<rsvp-session-data>
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-attributes>
      <signal-type>
        signal-type
      </signal-type>
      <encoding-type>
        encoding-type
      </encoding-type>
      <switching-type>
        switching-type
      </switching-type>
      <gp-id>
        gp-id
      </gp-id>
      <protection-type>
        protection-type
      </protection-type>
    </mpls-lsp-attributes>
  </mpls-lsp>
</rsvp-session>
</rsvp-session-data>

```

Description

<mpls-lsp-attributes>

Usage

```
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-attributes>
      <signal-type>
        signal-type
      </signal-type>
      <encoding-type>
        encoding-type
      </encoding-type>
      <switching-type>
        switching-type
      </switching-type>
      <gp-id>
        gp-id
      </gp-id>
      <protection-type>
        protection-type
      </protection-type>
    </mpls-lsp-attributes>
  </mpls-lsp>
</rsvp-session>
```

Description

<mpls-lsp-attributes>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-attributes>
          <signal-type>
            signal-type
          </signal-type>
          <encoding-type>
            encoding-type
          </encoding-type>
          <switching-type>
            switching-type
          </switching-type>
          <gp-id>
            gp-id
          </gp-id>
          <protection-type>
            protection-type
          </protection-type>
        </mpls-lsp-attributes>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
```

```
</rsvp-session-information>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-lsp-attributes>
  <signal-type>
    signal-type
  </signal-type>
  <encoding-type>
    encoding-type
  </encoding-type>
  <switching-type>
    switching-type
  </switching-type>
  <gpip>
    gpip
  </gpip>
  <protection-type>
    protection-type
  </protection-type>
</mpls-lsp-attributes>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-lsp>
  <mpls-lsp-attributes>
    <signal-type>
      signal-type
    </signal-type>
    <encoding-type>
      encoding-type
    </encoding-type>
    <switching-type>
      switching-type
    </switching-type>
    <gpip>
      gpip
    </gpip>
    <protection-type>
      protection-type
    </protection-type>
  </mpls-lsp-attributes>
</mpls-lsp>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-attributes>
          <signal-type>
            signal-type
          </signal-type>
          <encoding-type>
            encoding-type
          </encoding-type>
          <switching-type>
            switching-type
          </switching-type>
          <gp-id>
            gp-id
          </gp-id>
          <protection-type>
            protection-type
          </protection-type>
        </mpls-lsp-attributes>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-restart-lsp>
  <mpls-lsp-attributes>
    <signal-type>
      signal-type
    </signal-type>
    <encoding-type>
      encoding-type
    </encoding-type>
    <switching-type>
      switching-type
    </switching-type>
    <gp-id>
      gp-id
    </gp-id>
    <protection-type>
      protection-type
    </protection-type>
  </mpls-lsp-attributes>
</mpls-restart-lsp>
```


Description**<mpls-lsp-attributes>****Usage**

```
<mpls-restart-database-information>
<mpls-restart-database>
<mpls-restart-lsp>
  <mpls-lsp-attributes>
    <signal-type>
      signal-type
    </signal-type>
    <encoding-type>
      encoding-type
    </encoding-type>
    <switching-type>
      switching-type
    </switching-type>
    <gp-id>
      gp-id
    </gp-id>
    <protection-type>
      protection-type
    </protection-type>
  </mpls-lsp-attributes>
</mpls-restart-lsp>
</mpls-restart-database>
</mpls-restart-database-information>
```

Description**<mpls-lsp-attributes>****Usage**

```
<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
  <mpls-lsp-attributes>
    <signal-type>
      signal-type
    </signal-type>
    <encoding-type>
      encoding-type
    </encoding-type>
    <switching-type>
      switching-type
    </switching-type>
    <gp-id>
      gp-id
    </gp-id>
    <protection-type>
      protection-type
    </protection-type>
  </mpls-lsp-attributes>
</mpls-restart-lsp>
```

```
</mpls-p2mp-restart-lsp>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>
    <mpls-p2mp-restart-lsp>
      <mpls-restart-lsp>
        <mpls-lsp-attributes>
          <signal-type>
            signal-type
          </signal-type>
          <encoding-type>
            encoding-type
          </encoding-type>
          <switching-type>
            switching-type
          </switching-type>
          <gp-id>
            gp-id
          </gp-id>
          <protection-type>
            protection-type
          </protection-type>
        </mpls-lsp-attributes>
      </mpls-restart-lsp>
    </mpls-p2mp-restart-lsp>
  </mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description

<mpls-lsp-attributes>

Usage

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-attributes>
        <signal-type>
          signal-type
        </signal-type>
        <encoding-type>
          encoding-type
        </encoding-type>
        <switching-type>
          switching-type
        </switching-type>
        <gp-id>
          gp-id
        </gp-id>
```

```

    <protection-type>
      protection-type
    </protection-type>
  </mpls-lsp-attributes>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description

<mpls-lsp-autobandwidth>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-autobandwidth>
        <monitor-lsp-bandwidth>
          monitor-lsp-bandwidth
        </monitor-lsp-bandwidth>
        <minimum-bandwidth>
          minimum-bandwidth
        </minimum-bandwidth>
        <maximum-bandwidth>
          maximum-bandwidth
        </maximum-bandwidth>
        <adjust-timer>
          adjust-timer
        </adjust-timer>
        <bandwidth>
          bandwidth
        </bandwidth>
        <time-to-adjust>
          time-to-adjust
        </time-to-adjust>
        <adjust-threshold>
          adjust-threshold
        </adjust-threshold>
        <overflow-limit>
          overflow-limit
        </overflow-limit>
        <overflow-sample-count>
          overflow-sample-count
        </overflow-sample-count>
      </mpls-lsp-autobandwidth>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>

```

Description

<mpls-lsp-autobandwidth>

Usage

```
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-autobandwidth>
      <monitor-lsp-bandwidth>
        monitor-lsp-bandwidth
      </monitor-lsp-bandwidth>
      <minimum-bandwidth>
        minimum-bandwidth
      </minimum-bandwidth>
      <maximum-bandwidth>
        maximum-bandwidth
      </maximum-bandwidth>
      <adjust-timer>
        adjust-timer
      </adjust-timer>
      <bandwidth>
        bandwidth
      </bandwidth>
      <time-to-adjust>
        time-to-adjust
      </time-to-adjust>
      <adjust-threshold>
        adjust-threshold
      </adjust-threshold>
      <overflow-limit>
        overflow-limit
      </overflow-limit>
      <overflow-sample-count>
        overflow-sample-count
      </overflow-sample-count>
    </mpls-lsp-autobandwidth>
  </mpls-lsp>
</rsvp-session>
```

Description

<mpls-lsp-autobandwidth>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-autobandwidth>
          <monitor-lsp-bandwidth>
            monitor-lsp-bandwidth
          </monitor-lsp-bandwidth>
          <minimum-bandwidth>
            minimum-bandwidth
          </minimum-bandwidth>
          <maximum-bandwidth>
            maximum-bandwidth
```

```

</maximum-bandwidth>
<adjust-timer>
  adjust-timer
</adjust-timer>
<bandwidth>
  bandwidth
</bandwidth>
<time-to-adjust>
  time-to-adjust
</time-to-adjust>
<adjust-threshold>
  adjust-threshold
</adjust-threshold>
<overflow-limit>
  overflow-limit
</overflow-limit>
<overflow-sample-count>
  overflow-sample-count
</overflow-sample-count>
</mpls-lsp-autobandwidth>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>

```

Description

<mpls-lsp-autobandwidth>

Usage

```

<mpls-lsp-autobandwidth>
  <monitor-lsp-bandwidth>
    monitor-lsp-bandwidth
  </monitor-lsp-bandwidth>
  <minimum-bandwidth>
    minimum-bandwidth
  </minimum-bandwidth>
  <maximum-bandwidth>
    maximum-bandwidth
  </maximum-bandwidth>
  <adjust-timer>
    adjust-timer
  </adjust-timer>
  <bandwidth>
    bandwidth
  </bandwidth>
  <time-to-adjust>
    time-to-adjust
  </time-to-adjust>
  <adjust-threshold>
    adjust-threshold
  </adjust-threshold>
  <overflow-limit>
    overflow-limit
  </overflow-limit>

```

```
<overflow-sample-count>
  overflow-sample-count
</overflow-sample-count>
</mpls-lsp-autobandwidth>
```

Description

<mpls-lsp-autobandwidth>

Usage

```
<mpls-lsp>
  <mpls-lsp-autobandwidth>
    <monitor-lsp-bandwidth>
      monitor-lsp-bandwidth
    </monitor-lsp-bandwidth>
    <minimum-bandwidth>
      minimum-bandwidth
    </minimum-bandwidth>
    <maximum-bandwidth>
      maximum-bandwidth
    </maximum-bandwidth>
    <adjust-timer>
      adjust-timer
    </adjust-timer>
    <bandwidth>
      bandwidth
    </bandwidth>
    <time-to-adjust>
      time-to-adjust
    </time-to-adjust>
    <adjust-threshold>
      adjust-threshold
    </adjust-threshold>
    <overflow-limit>
      overflow-limit
    </overflow-limit>
    <overflow-sample-count>
      overflow-sample-count
    </overflow-sample-count>
  </mpls-lsp-autobandwidth>
</mpls-lsp>
```

Description

<mpls-lsp-autobandwidth>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-autobandwidth>
          <monitor-lsp-bandwidth>
            monitor-lsp-bandwidth
```

```

</monitor-lsp-bandwidth>
<minimum-bandwidth>
  minimum-bandwidth
</minimum-bandwidth>
<maximum-bandwidth>
  maximum-bandwidth
</maximum-bandwidth>
<adjust-timer>
  adjust-timer
</adjust-timer>
<bandwidth>
  bandwidth
</bandwidth>
<time-to-adjust>
  time-to-adjust
</time-to-adjust>
<adjust-threshold>
  adjust-threshold
</adjust-threshold>
<overflow-limit>
  overflow-limit
</overflow-limit>
<overflow-sample-count>
  overflow-sample-count
</overflow-sample-count>
</mpls-lsp-autobandwidth>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description

<mpls-lsp-autobandwidth>

Usage

```

<mpls-call-admission-control-information>
<mpls-call-admission-control>
<mpls-lsp>
  <mpls-lsp-autobandwidth>
    <monitor-lsp-bandwidth>
      monitor-lsp-bandwidth
    </monitor-lsp-bandwidth>
    <minimum-bandwidth>
      minimum-bandwidth
    </minimum-bandwidth>
    <maximum-bandwidth>
      maximum-bandwidth
    </maximum-bandwidth>
    <adjust-timer>
      adjust-timer
    </adjust-timer>
    <bandwidth>
      bandwidth
    </bandwidth>
  
```

```
<time-to-adjust>
  time-to-adjust
</time-to-adjust>
<adjust-threshold>
  adjust-threshold
</adjust-threshold>
<overflow-limit>
  overflow-limit
</overflow-limit>
<overflow-sample-count>
  overflow-sample-count
</overflow-sample-count>
</mpls-lsp-autobandwidth>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>
```

Description

<mpls-lsp-defaults>

Usage

```
<mpls-lsp-defaults>
  <lsp-setup-priority>
    lsp-setup-priority
  </lsp-setup-priority>
  <lsp-hold-priority>
    lsp-hold-priority
  </lsp-hold-priority>
  <lsp-retry-timer>
    lsp-retry-timer
  </lsp-retry-timer>
  <lsp-hoplimit>
    lsp-hoplimit
  </lsp-hoplimit>
  <lsp-bandwidth>
    lsp-bandwidth
  </lsp-bandwidth>
</mpls-lsp-defaults>
```

Description

<mpls-lsp-defaults>

Usage

```
<mpls-lsp-defaults-information>
  <mpls-lsp-defaults>
    <lsp-setup-priority>
      lsp-setup-priority
    </lsp-setup-priority>
    <lsp-hold-priority>
      lsp-hold-priority
    </lsp-hold-priority>
    <lsp-retry-timer>
```



```

        lsp-retry-timer
      </lsp-retry-timer>
      <lsp-hoplimit>
        lsp-hoplimit
      </lsp-hoplimit>
      <lsp-bandwidth>
        lsp-bandwidth
      </lsp-bandwidth>
    </mpls-lsp-defaults>
  </mpls-lsp-defaults-information>

```

Description

<mpls-lsp-defaults-information>

Usage

```

<mpls-lsp-defaults-information>
  <mpls-lsp-defaults>....</mpls-lsp-defaults>
</mpls-lsp-defaults-information>

```

Description

<mpls-lsp-information>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>....</rsvp-session-data>
</mpls-lsp-information>

```

Description

<mpls-lsp-path>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-active>
          path-active
        </path-active>
        <title>
          title
        </title>
        <name>
          name
        </name>
        <path-state>
          path-state
        </path-state>
        <cos>
          cos
        </cos>
        <no-decrement-ttl>

```

```
    no-decrement-ttl
  </no-decrement-ttl>
  <preference>
    preference
  </preference>
  <path-soft-preemption-pending>
    path-soft-preemption-pending
  </path-soft-preemption-pending>
  <setup-priority>
    setup-priority
  </setup-priority>
  <hold-priority>
    hold-priority
  </hold-priority>
  <bandwidth>
    bandwidth
  </bandwidth>
  <actual-bandwidth>
    actual-bandwidth
  </actual-bandwidth>
  <per-class-bandwidth-heading>
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <bandwidth_ct1>
    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>
  <path-adaptive>
    path-adaptive
  </path-adaptive>
  <path-no-recordroute>
    path-no-recordroute
  </path-no-recordroute>
  <hoplimit>
    hoplimit
  </hoplimit>
  <optimize-timer>
    optimize-timer
  </optimize-timer>
  <smart-optimize-timer>
    smart-optimize-timer
  </smart-optimize-timer>
  <admin-groups>....</admin-groups>
  <admin-groups-extended>....</admin-groups-extended>
  <retry-timer>
    retry-timer
  </retry-timer>
  <retry-limit>
```

```

    retry-limit
  </retry-limit>
  <cspf-status>
    cspf-status
  </cspf-status>
  <explicit-route>....</explicit-route>
  <received-rro>
    received-rro
  </received-rro>
  <oam-state>....</oam-state>
  <path-history>....</path-history>
  <path-available-bandwidth>....</path-available-bandwidth>
  <layer2-connection>....</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>

```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```

<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <path-active>
        path-active
      </path-active>
      <title>
        title
      </title>
      <name>
        name
      </name>
      <path-state>
        path-state
      </path-state>
      <cos>
        cos
      </cos>
      <no-decrement-ttl>
        no-decrement-ttl
      </no-decrement-ttl>
      <preference>
        preference
      </preference>
      <path-soft-preemption-pending>
        path-soft-preemption-pending
      </path-soft-preemption-pending>
      <setup-priority>
        setup-priority
      </setup-priority>
      <hold-priority>

```

```
    hold-priority
  </hold-priority>
  <bandwidth>
    bandwidth
  </bandwidth>
  <actual-bandwidth>
    actual-bandwidth
  </actual-bandwidth>
  <per-class-bandwidth-heading>
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <bandwidth_ct1>
    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>
  <path-adaptive>
    path-adaptive
  </path-adaptive>
  <path-no-recordroute>
    path-no-recordroute
  </path-no-recordroute>
  <hoplimit>
    hoplimit
  </hoplimit>
  <optimize-timer>
    optimize-timer
  </optimize-timer>
  <smart-optimize-timer>
    smart-optimize-timer
  </smart-optimize-timer>
  <admin-groups>....</admin-groups>
  <admin-groups-extended>....</admin-groups-extended>
  <retry-timer>
    retry-timer
  </retry-timer>
  <retry-limit>
    retry-limit
  </retry-limit>
  <cspf-status>
    cspf-status
  </cspf-status>
  <explicit-route>....</explicit-route>
  <received-rro>
    received-rro
  </received-rro>
  <oam-state>....</oam-state>
  <path-history>....</path-history>
  <path-available-bandwidth>....</path-available-bandwidth>
```

```

        <layer2-connection>....</layer2-connection>
    </mpls-lsp-path>
</mpls-lsp>
</rsvp-session>

```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```

<rsvp-session-information>
<rsvp-session-data>
<rsvp-session>
<mpls-lsp>
<mpls-lsp-path>
  <path-active>
    path-active
  </path-active>
  <title>
    title
  </title>
  <name>
    name
  </name>
  <path-state>
    path-state
  </path-state>
  <cos>
    cos
  </cos>
  <no-decrement-ttl>
    no-decrement-ttl
  </no-decrement-ttl>
  <preference>
    preference
  </preference>
  <path-soft-preemption-pending>
    path-soft-preemption-pending
  </path-soft-preemption-pending>
  <setup-priority>
    setup-priority
  </setup-priority>
  <hold-priority>
    hold-priority
  </hold-priority>
  <bandwidth>
    bandwidth
  </bandwidth>
  <actual-bandwidth>
    actual-bandwidth
  </actual-bandwidth>
  <per-class-bandwidth-heading>
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>

```

```
<bandwidth_ct0>
  bandwidth_ct0
</bandwidth_ct0>
<bandwidth_ct1>
  bandwidth_ct1
</bandwidth_ct1>
<bandwidth_ct2>
  bandwidth_ct2
</bandwidth_ct2>
<bandwidth_ct3>
  bandwidth_ct3
</bandwidth_ct3>
<path-adaptive>
  path-adaptive
</path-adaptive>
<path-no-recordroute>
  path-no-recordroute
</path-no-recordroute>
<hoplimit>
  hoplimit
</hoplimit>
<optimize-timer>
  optimize-timer
</optimize-timer>
<smart-optimize-timer>
  smart-optimize-timer
</smart-optimize-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<cspf-status>
  cspf-status
</cspf-status>
<explicit-route>....</explicit-route>
<received-rro>
  received-rro
</received-rro>
<oam-state>....</oam-state>
<path-history>....</path-history>
<path-available-bandwidth>....</path-available-bandwidth>
<layer2-connection>....</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```

<mpls-lsp-path>
  <path-active>
    path-active
  </path-active>
  <title>
    title
  </title>
  <name>
    name
  </name>
  <path-state>
    path-state
  </path-state>
  <cos>
    cos
  </cos>
  <no-decrement-ttl>
    no-decrement-ttl
  </no-decrement-ttl>
  <preference>
    preference
  </preference>
  <path-soft-preemption-pending>
    path-soft-preemption-pending
  </path-soft-preemption-pending>
  <setup-priority>
    setup-priority
  </setup-priority>
  <hold-priority>
    hold-priority
  </hold-priority>
  <bandwidth>
    bandwidth
  </bandwidth>
  <actual-bandwidth>
    actual-bandwidth
  </actual-bandwidth>
  <per-class-bandwidth-heading>
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <bandwidth_ct1>
    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>

```

```
<path-adaptive>
  path-adaptive
</path-adaptive>
<path-no-recordroute>
  path-no-recordroute
</path-no-recordroute>
<hoplimit>
  hoplimit
</hoplimit>
<optimize-timer>
  optimize-timer
</optimize-timer>
<smart-optimize-timer>
  smart-optimize-timer
</smart-optimize-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<cspf-status>
  cspf-status
</cspf-status>
<explicit-route>....</explicit-route>
<received-rro>
  received-rro
</received-rro>
<oam-state>....</oam-state>
<path-history>....</path-history>
<path-available-bandwidth>....</path-available-bandwidth>
<layer2-connection>....</layer2-connection>
</mpls-lsp-path>
```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```
<mpls-lsp>
  <mpls-lsp-path>
    <path-active>
      path-active
    </path-active>
    <title>
      title
    </title>
    <name>
      name
    </name>
    <path-state>
      path-state
```



```
</path-state>
<cos>
  cos
</cos>
<no-decrement-ttl>
  no-decrement-ttl
</no-decrement-ttl>
<preference>
  preference
</preference>
<path-soft-preemption-pending>
  path-soft-preemption-pending
</path-soft-preemption-pending>
<setup-priority>
  setup-priority
</setup-priority>
<hold-priority>
  hold-priority
</hold-priority>
<bandwidth>
  bandwidth
</bandwidth>
<actual-bandwidth>
  actual-bandwidth
</actual-bandwidth>
<per-class-bandwidth-heading>
  per-class-bandwidth-heading
</per-class-bandwidth-heading>
<bandwidth_ct0>
  bandwidth_ct0
</bandwidth_ct0>
<bandwidth_ct1>
  bandwidth_ct1
</bandwidth_ct1>
<bandwidth_ct2>
  bandwidth_ct2
</bandwidth_ct2>
<bandwidth_ct3>
  bandwidth_ct3
</bandwidth_ct3>
<path-adaptive>
  path-adaptive
</path-adaptive>
<path-no-recordroute>
  path-no-recordroute
</path-no-recordroute>
<hoplimit>
  hoplimit
</hoplimit>
<optimize-timer>
  optimize-timer
</optimize-timer>
<smart-optimize-timer>
  smart-optimize-timer
</smart-optimize-timer>
<admin-groups>....</admin-groups>
```

```
<admin-groups-extended>....</admin-groups-extended>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<cspf-status>
  cspf-status
</cspf-status>
<explicit-route>....</explicit-route>
<received-rro>
  received-rro
</received-rro>
<oam-state>....</oam-state>
<path-history>....</path-history>
<path-available-bandwidth>....</path-available-bandwidth>
<layer2-connection>....</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```
<mpls-lsp-information>
<rsvp-session-data>
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <path-active>
        path-active
      </path-active>
      <title>
        title
      </title>
      <name>
        name
      </name>
      <path-state>
        path-state
      </path-state>
      <cos>
        cos
      </cos>
      <no-decrement-ttl>
        no-decrement-ttl
      </no-decrement-ttl>
      <preference>
        preference
      </preference>
      <path-soft-preemption-pending>
        path-soft-preemption-pending
```

```
</path-soft-preemption-pending>
<setup-priority>
  setup-priority
</setup-priority>
<hold-priority>
  hold-priority
</hold-priority>
<bandwidth>
  bandwidth
</bandwidth>
<actual-bandwidth>
  actual-bandwidth
</actual-bandwidth>
<per-class-bandwidth-heading>
  per-class-bandwidth-heading
</per-class-bandwidth-heading>
<bandwidth_ct0>
  bandwidth_ct0
</bandwidth_ct0>
<bandwidth_ct1>
  bandwidth_ct1
</bandwidth_ct1>
<bandwidth_ct2>
  bandwidth_ct2
</bandwidth_ct2>
<bandwidth_ct3>
  bandwidth_ct3
</bandwidth_ct3>
<path-adaptive>
  path-adaptive
</path-adaptive>
<path-no-recordroute>
  path-no-recordroute
</path-no-recordroute>
<hoplimit>
  hoplimit
</hoplimit>
<optimize-timer>
  optimize-timer
</optimize-timer>
<smart-optimize-timer>
  smart-optimize-timer
</smart-optimize-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<cspf-status>
  cspf-status
</cspf-status>
<explicit-route>....</explicit-route>
<received-rro>
```

```
        received-rro
      </received-rro>
      <oam-state>....</oam-state>
      <path-history>....</path-history>
      <path-available-bandwidth>....</path-available-bandwidth>
      <layer2-connection>....</layer2-connection>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Primary or secondary LSP path

<mpls-lsp-path>

Usage

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-active>
          path-active
        </path-active>
        <title>
          title
        </title>
        <name>
          name
        </name>
        <path-state>
          path-state
        </path-state>
        <cos>
          cos
        </cos>
        <no-decrement-ttl>
          no-decrement-ttl
        </no-decrement-ttl>
        <preference>
          preference
        </preference>
        <path-soft-preemption-pending>
          path-soft-preemption-pending
        </path-soft-preemption-pending>
        <setup-priority>
          setup-priority
        </setup-priority>
        <hold-priority>
          hold-priority
        </hold-priority>
        <bandwidth>
          bandwidth
        </bandwidth>
```

```
<actual-bandwidth>
  actual-bandwidth
</actual-bandwidth>
<per-class-bandwidth-heading>
  per-class-bandwidth-heading
</per-class-bandwidth-heading>
<bandwidth_ct0>
  bandwidth_ct0
</bandwidth_ct0>
<bandwidth_ct1>
  bandwidth_ct1
</bandwidth_ct1>
<bandwidth_ct2>
  bandwidth_ct2
</bandwidth_ct2>
<bandwidth_ct3>
  bandwidth_ct3
</bandwidth_ct3>
<path-adaptive>
  path-adaptive
</path-adaptive>
<path-no-recordroute>
  path-no-recordroute
</path-no-recordroute>
<hoplimit>
  hoplimit
</hoplimit>
<optimize-timer>
  optimize-timer
</optimize-timer>
<smart-optimize-timer>
  smart-optimize-timer
</smart-optimize-timer>
<admin-groups>....</admin-groups>
<admin-groups-extended>....</admin-groups-extended>
<retry-timer>
  retry-timer
</retry-timer>
<retry-limit>
  retry-limit
</retry-limit>
<cspf-status>
  cspf-status
</cspf-status>
<explicit-route>....</explicit-route>
<received-rro>
  received-rro
</received-rro>
<oam-state>....</oam-state>
<path-history>....</path-history>
<path-available-bandwidth>....</path-available-bandwidth>
<layer2-connection>....</layer2-connection>
</mpls-lsp-path>
</mpls-lsp>
</mpls-call-admission-control>
```

</mpls-call-admission-control-information>

Description Primary or secondary LSP path

<mpls-lsp-replication>

Usage

```
<mpls-lsp-replication>
  <mpls-pvc-name>
    mpls-pvc-name
  </mpls-pvc-name>
  <mpls-pvc-state>
    mpls-pvc-state
  </mpls-pvc-state>
  <mpls-pvc-resolved>
    mpls-pvc-resolved
  </mpls-pvc-resolved>
  <mpls-path-resolved>
    mpls-path-resolved
  </mpls-path-resolved>
  <mpls-pvc-replication>....</mpls-pvc-replication>
  <mpls-path-replication>....</mpls-path-replication>
</mpls-lsp-replication>
```

Description MPLS LSP replication entry

<mpls-lsp-replication>

Usage

```
<mpls-lsp-replication-information>
  <mpls-lsp-replication>
    <mpls-pvc-name>
      mpls-pvc-name
    </mpls-pvc-name>
    <mpls-pvc-state>
      mpls-pvc-state
    </mpls-pvc-state>
    <mpls-pvc-resolved>
      mpls-pvc-resolved
    </mpls-pvc-resolved>
    <mpls-path-resolved>
      mpls-path-resolved
    </mpls-path-resolved>
    <mpls-pvc-replication>....</mpls-pvc-replication>
    <mpls-path-replication>....</mpls-path-replication>
  </mpls-lsp-replication>
</mpls-lsp-replication-information>
```

Description MPLS LSP replication entry

<mpls-lsp-replication-information>

Usage

```

<mpls-lsp-replication-information>
  <mpls-lsp-replication>....</mpls-lsp-replication>
</mpls-lsp-replication-information>

```

Description Information about one or more MPLS replication lsps

<mpls-oam-ldp-replication>

Usage

```

<mpls-oam-ldp-replication>
  <mpls-oam-instance-id>
    mpls-oam-instance-id
  </mpls-oam-instance-id>
  <mpls-oam-type>
    mpls-oam-type
  </mpls-oam-type>
  <mpls-oam-ldp-fec>
    mpls-oam-ldp-fec
  </mpls-oam-ldp-fec>
  <mpls-oam-ldp-fec-len>
    mpls-oam-ldp-fec-len
  </mpls-oam-ldp-fec-len>
  <mpls-oam-bfd-dest-addr>
    mpls-oam-bfd-dest-addr
  </mpls-oam-bfd-dest-addr>
  <mpls-mirror-oam-local-bfd-disc>
    mpls-mirror-oam-local-bfd-disc
  </mpls-mirror-oam-local-bfd-disc>
  <mpls-oam-ldp-source>
    mpls-oam-ldp-source
  </mpls-oam-ldp-source>
  <mpls-mirror-oam-remote-bfd-disc>
    mpls-mirror-oam-remote-bfd-disc
  </mpls-mirror-oam-remote-bfd-disc>
  <mpls-mirror-oam-refcount>
    mpls-mirror-oam-refcount
  </mpls-mirror-oam-refcount>
  <mpls-mirror-oam-address>
    mpls-mirror-oam-address
  </mpls-mirror-oam-address>
  <mpls-mirror-oam-mpls-oam-address>
    mpls-mirror-oam-mpls-oam-address
  </mpls-mirror-oam-mpls-oam-address>
</mpls-oam-ldp-replication>

```

Description MPLS OAM LDP replication entry

<mpls-oam-ldp-replication>

Usage

```
<mpls-oam-ldp-replication-information>
  <mpls-oam-ldp-replication>
    <mpls-oam-instance-id>
      mpls-oam-instance-id
    </mpls-oam-instance-id>
    <mpls-oam-type>
      mpls-oam-type
    </mpls-oam-type>
    <mpls-oam-ldp-fec>
      mpls-oam-ldp-fec
    </mpls-oam-ldp-fec>
    <mpls-oam-ldp-fec-len>
      mpls-oam-ldp-fec-len
    </mpls-oam-ldp-fec-len>
    <mpls-oam-bfd-dest-addr>
      mpls-oam-bfd-dest-addr
    </mpls-oam-bfd-dest-addr>
    <mpls-mirror-oam-local-bfd-disc>
      mpls-mirror-oam-local-bfd-disc
    </mpls-mirror-oam-local-bfd-disc>
    <mpls-oam-ldp-source>
      mpls-oam-ldp-source
    </mpls-oam-ldp-source>
    <mpls-mirror-oam-remote-bfd-disc>
      mpls-mirror-oam-remote-bfd-disc
    </mpls-mirror-oam-remote-bfd-disc>
    <mpls-mirror-oam-refcount>
      mpls-mirror-oam-refcount
    </mpls-mirror-oam-refcount>
    <mpls-mirror-oam-address>
      mpls-mirror-oam-address
    </mpls-mirror-oam-address>
    <mpls-mirror-oam-mpls-oam-address>
      mpls-mirror-oam-mpls-oam-address
    </mpls-mirror-oam-mpls-oam-address>
  </mpls-oam-ldp-replication>
</mpls-oam-ldp-replication-information>
```

Description MPLS OAM LDP replication entry

<mpls-oam-ldp-replication-information>

Usage

```
<mpls-oam-ldp-replication-information>
  <mpls-oam-ldp-replication>....</mpls-oam-ldp-replication>
</mpls-oam-ldp-replication-information>
```

Description

<mpls-p2mp-lsp>**Usage**

```

<rsvp-session-data>
  <mpls-p2mp-lsp>
    <mpls-p2mp-name>
      mpls-p2mp-name
    </mpls-p2mp-name>
    <mpls-p2mp-branch-count>
      mpls-p2mp-branch-count
    </mpls-p2mp-branch-count>
  </mpls-p2mp-lsp>
</rsvp-session-data>

```

Description**<mpls-p2mp-lsp>****Usage**

```

<rsvp-session-information>
  <rsvp-session-data>
    <mpls-p2mp-lsp>
      <mpls-p2mp-name>
        mpls-p2mp-name
      </mpls-p2mp-name>
      <mpls-p2mp-branch-count>
        mpls-p2mp-branch-count
      </mpls-p2mp-branch-count>
    </mpls-p2mp-lsp>
  </rsvp-session-data>
</rsvp-session-information>

```

Description**<mpls-p2mp-lsp>****Usage**

```

<mpls-lsp-information>
  <rsvp-session-data>
    <mpls-p2mp-lsp>
      <mpls-p2mp-name>
        mpls-p2mp-name
      </mpls-p2mp-name>
      <mpls-p2mp-branch-count>
        mpls-p2mp-branch-count
      </mpls-p2mp-branch-count>
    </mpls-p2mp-lsp>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description

<mpls-p2mp-restart-database>

Usage

```
<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>
    <mpls-p2mp-restart-lsp>....</mpls-p2mp-restart-lsp>
  </mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description

<mpls-p2mp-restart-database-information>

Usage

```
<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>....</mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description

<mpls-p2mp-restart-lsp>

Usage

```
<mpls-p2mp-restart-lsp>
  <name>
    name
  </name>
  <tunnel-id>
    tunnel-id
  </tunnel-id>
  <lsp-id>
    lsp-id
  </lsp-id>
  <lsp-flags>
    lsp-flags
  </lsp-flags>
  <subgroup-id>
    subgroup-id
  </subgroup-id>
  <application-owner>
    application-owner
  </application-owner>
  <branch-lsp-count>
    branch-lsp-count
  </branch-lsp-count>
  <mpls-restart-lsp>....</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>
```

Description

<mpls-p2mp-restart-lsp>**Usage**

```

<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>
    <mpls-p2mp-restart-lsp>
      <name>
        name
      </name>
      <tunnel-id>
        tunnel-id
      </tunnel-id>
      <lsp-id>
        lsp-id
      </lsp-id>
      <lsp-flags>
        lsp-flags
      </lsp-flags>
      <subgroup-id>
        subgroup-id
      </subgroup-id>
      <application-owner>
        application-owner
      </application-owner>
      <branch-lsp-count>
        branch-lsp-count
      </branch-lsp-count>
      <mpls-restart-lsp>.....</mpls-restart-lsp>
    </mpls-p2mp-restart-lsp>
  </mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>

```

Description**<mpls-path>****Usage**

```

<mpls-path>
  <name>
    name
  </name>
  <address>
    address
  </address>
  <path-type>
    path-type
  </path-type>
  <telink-id>
    telink-id
  </telink-id>
</mpls-path>

```

Description

<mpls-path>

Usage

```
<mpls-path-information>
  <mpls-path>
    <name>
      name
    </name>
    <address>
      address
    </address>
    <path-type>
      path-type
    </path-type>
    <telink-id>
      telink-id
    </telink-id>
  </mpls-path>
</mpls-path-information>
```

Description

<mpls-path-information>

Usage

```
<mpls-path-information>
  <mpls-path>....</mpls-path>
</mpls-path-information>
```

Description

<mpls-path-inst-repl>

Usage

```
<mpls-path-inst-repl>
  <psb-id>
    psb-id
  </psb-id>
  <explicit-route>....</explicit-route>
  <mpls-path-inst-state>
    mpls-path-inst-state
  </mpls-path-inst-state>
  <mpls-path-inst-metric>
    mpls-path-inst-metric
  </mpls-path-inst-metric>
  <mpls-path-inst-src-port>
    mpls-path-inst-src-port
  </mpls-path-inst-src-port>
</mpls-path-inst-repl>
```

Description

<mpls-path-inst-repl>**Usage**

```

<mpls-path-replication>
  <mpls-path-inst-repl>
    <psb-id>
      psb-id
    </psb-id>
    <explicit-route>....</explicit-route>
    <mpls-path-inst-state>
      mpls-path-inst-state
    </mpls-path-inst-state>
    <mpls-path-inst-metric>
      mpls-path-inst-metric
    </mpls-path-inst-metric>
    <mpls-path-inst-src-port>
      mpls-path-inst-src-port
    </mpls-path-inst-src-port>
  </mpls-path-inst-repl>
</mpls-path-replication>

```

Description**<mpls-path-inst-repl>****Usage**

```

<mpls-path-replication-information>
  <mpls-path-replication>
    <mpls-path-inst-repl>
      <psb-id>
        psb-id
      </psb-id>
      <explicit-route>....</explicit-route>
      <mpls-path-inst-state>
        mpls-path-inst-state
      </mpls-path-inst-state>
      <mpls-path-inst-metric>
        mpls-path-inst-metric
      </mpls-path-inst-metric>
      <mpls-path-inst-src-port>
        mpls-path-inst-src-port
      </mpls-path-inst-src-port>
    </mpls-path-inst-repl>
  </mpls-path-replication>
</mpls-path-replication-information>

```

Description**<mpls-path-inst-repl>****Usage**

```

<mpls-lsp-replication>
  <mpls-path-replication>
    <mpls-path-inst-repl>

```

```
<psb-id>
  psb-id
</psb-id>
<explicit-route>....</explicit-route>
<mpls-path-inst-state>
  mpls-path-inst-state
</mpls-path-inst-state>
<mpls-path-inst-metric>
  mpls-path-inst-metric
</mpls-path-inst-metric>
<mpls-path-inst-src-port>
  mpls-path-inst-src-port
</mpls-path-inst-src-port>
</mpls-path-inst-repl>
</mpls-path-replication>
</mpls-lsp-replication>
```

Description

<mpls-path-inst-repl>

Usage

```
<mpls-lsp-replication-information>
<mpls-lsp-replication>
  <mpls-path-replication>
    <mpls-path-inst-repl>
      <psb-id>
        psb-id
      </psb-id>
      <explicit-route>....</explicit-route>
      <mpls-path-inst-state>
        mpls-path-inst-state
      </mpls-path-inst-state>
      <mpls-path-inst-metric>
        mpls-path-inst-metric
      </mpls-path-inst-metric>
      <mpls-path-inst-src-port>
        mpls-path-inst-src-port
      </mpls-path-inst-src-port>
    </mpls-path-inst-repl>
  </mpls-path-replication>
</mpls-lsp-replication>
</mpls-lsp-replication-information>
```

Description

<mpls-path-replication>

Usage

```
<mpls-path-replication>
<mpls-path-type>
  mpls-path-type
</mpls-path-type>
<mpls-path-name>
```

```

    mpls-path-name
  </mpls-path-name>
  <mpls-path-pvc-name>
    mpls-path-pvc-name
  </mpls-path-pvc-name>
  <mpls-path-resolved>
    mpls-path-resolved
  </mpls-path-resolved>
  <mpls-path-replication-type>
    mpls-path-replication-type
  </mpls-path-replication-type>
  <mpls-path-active-bw>
    mpls-path-active-bw
  </mpls-path-active-bw>
  <mpls-path-dst-port>
    mpls-path-dst-port
  </mpls-path-dst-port>
  <mpls-path-refcount>
    mpls-path-refcount
  </mpls-path-refcount>
  <mpls-path-inst-repl>....</mpls-path-inst-repl>
</mpls-path-replication>

```

Description MPLS PATH replication entry

<mpls-path-replication>

Usage

```

<mpls-path-replication-information>
  <mpls-path-replication>
    <mpls-path-type>
      mpls-path-type
    </mpls-path-type>
    <mpls-path-name>
      mpls-path-name
    </mpls-path-name>
    <mpls-path-pvc-name>
      mpls-path-pvc-name
    </mpls-path-pvc-name>
    <mpls-path-resolved>
      mpls-path-resolved
    </mpls-path-resolved>
    <mpls-path-replication-type>
      mpls-path-replication-type
    </mpls-path-replication-type>
    <mpls-path-active-bw>
      mpls-path-active-bw
    </mpls-path-active-bw>
    <mpls-path-dst-port>
      mpls-path-dst-port
    </mpls-path-dst-port>
    <mpls-path-refcount>
      mpls-path-refcount
    </mpls-path-refcount>
  </mpls-path-replication>
</mpls-path-replication-information>

```

```
<mpls-path-inst-repl>....</mpls-path-inst-repl>
</mpls-path-replication>
</mpls-path-replication-information>
```

Description MPLS PATH replication entry

<mpls-path-replication>

Usage

```
<mpls-lsp-replication>
<mpls-path-replication>
  <mpls-path-type>
    mpls-path-type
  </mpls-path-type>
  <mpls-path-name>
    mpls-path-name
  </mpls-path-name>
  <mpls-path-pvc-name>
    mpls-path-pvc-name
  </mpls-path-pvc-name>
  <mpls-path-resolved>
    mpls-path-resolved
  </mpls-path-resolved>
  <mpls-path-replication-type>
    mpls-path-replication-type
  </mpls-path-replication-type>
  <mpls-path-active-bw>
    mpls-path-active-bw
  </mpls-path-active-bw>
  <mpls-path-dst-port>
    mpls-path-dst-port
  </mpls-path-dst-port>
  <mpls-path-refcount>
    mpls-path-refcount
  </mpls-path-refcount>
  <mpls-path-inst-repl>....</mpls-path-inst-repl>
</mpls-path-replication>
</mpls-lsp-replication>
```

Description MPLS PATH replication entry

<mpls-path-replication>

Usage

```
<mpls-lsp-replication-information>
<mpls-lsp-replication>
  <mpls-path-replication>
    <mpls-path-type>
      mpls-path-type
    </mpls-path-type>
    <mpls-path-name>
      mpls-path-name
    </mpls-path-name>
```



```

<mpls-path-pvc-name>
  mpls-path-pvc-name
</mpls-path-pvc-name>
<mpls-path-resolved>
  mpls-path-resolved
</mpls-path-resolved>
<mpls-path-replication-type>
  mpls-path-replication-type
</mpls-path-replication-type>
<mpls-path-active-bw>
  mpls-path-active-bw
</mpls-path-active-bw>
<mpls-path-dst-port>
  mpls-path-dst-port
</mpls-path-dst-port>
<mpls-path-refcount>
  mpls-path-refcount
</mpls-path-refcount>
<mpls-path-inst-repl>....</mpls-path-inst-repl>
</mpls-path-replication>
</mpls-lsp-replication>
</mpls-lsp-replication-information>

```

Description MPLS PATH replication entry

<mpls-path-replication-information>

Usage

```

<mpls-path-replication-information>
  <mpls-path-replication>....</mpls-path-replication>
</mpls-path-replication-information>

```

Description Information about one or more MPLS replication paths

<mpls-pvc-replication>

Usage

```

<mpls-pvc-replication>
  <mpls-pvc-name>
    mpls-pvc-name
  </mpls-pvc-name>
  <mpls-pvc-id>
    mpls-pvc-id
  </mpls-pvc-id>
  <mpls-pvc-dst-port>
    mpls-pvc-dst-port
  </mpls-pvc-dst-port>
  <mpls-pvc-active-path-type>
    mpls-pvc-active-path-type
  </mpls-pvc-active-path-type>
  <mpls-pvc-active-path-name>
    mpls-pvc-active-path-name
  </mpls-pvc-active-path-name>

```

```
<mpls-pvc-autobw-max-avg>
  mpls-pvc-autobw-max-avg
</mpls-pvc-autobw-max-avg>
<mpls-pvc-refcount>
  mpls-pvc-refcount
</mpls-pvc-refcount>
<mpls-pvc-resolved>
  mpls-pvc-resolved
</mpls-pvc-resolved>
</mpls-pvc-replication>
```

Description MPLS PVC replication entry

<mpls-pvc-replication>

Usage

```
<mpls-pvc-replication-information>
  <mpls-pvc-replication>
    <mpls-pvc-name>
      mpls-pvc-name
    </mpls-pvc-name>
    <mpls-pvc-id>
      mpls-pvc-id
    </mpls-pvc-id>
    <mpls-pvc-dst-port>
      mpls-pvc-dst-port
    </mpls-pvc-dst-port>
    <mpls-pvc-active-path-type>
      mpls-pvc-active-path-type
    </mpls-pvc-active-path-type>
    <mpls-pvc-active-path-name>
      mpls-pvc-active-path-name
    </mpls-pvc-active-path-name>
    <mpls-pvc-autobw-max-avg>
      mpls-pvc-autobw-max-avg
    </mpls-pvc-autobw-max-avg>
    <mpls-pvc-refcount>
      mpls-pvc-refcount
    </mpls-pvc-refcount>
    <mpls-pvc-resolved>
      mpls-pvc-resolved
    </mpls-pvc-resolved>
  </mpls-pvc-replication>
</mpls-pvc-replication-information>
```

Description MPLS PVC replication entry

<mpls-pvc-replication>

Usage

```
<mpls-lsp-replication>
  <mpls-pvc-replication>
    <mpls-pvc-name>
```

```

    mpls-pvc-name
  </mpls-pvc-name>
  <mpls-pvc-id>
    mpls-pvc-id
  </mpls-pvc-id>
  <mpls-pvc-dst-port>
    mpls-pvc-dst-port
  </mpls-pvc-dst-port>
  <mpls-pvc-active-path-type>
    mpls-pvc-active-path-type
  </mpls-pvc-active-path-type>
  <mpls-pvc-active-path-name>
    mpls-pvc-active-path-name
  </mpls-pvc-active-path-name>
  <mpls-pvc-autobw-max-avg>
    mpls-pvc-autobw-max-avg
  </mpls-pvc-autobw-max-avg>
  <mpls-pvc-refcount>
    mpls-pvc-refcount
  </mpls-pvc-refcount>
  <mpls-pvc-resolved>
    mpls-pvc-resolved
  </mpls-pvc-resolved>
</mpls-pvc-replication>
</mpls-lsp-replication>

```

Description MPLS PVC replication entry

<mpls-pvc-replication>

Usage

```

<mpls-lsp-replication-information>
  <mpls-lsp-replication>
    <mpls-pvc-replication>
      <mpls-pvc-name>
        mpls-pvc-name
      </mpls-pvc-name>
      <mpls-pvc-id>
        mpls-pvc-id
      </mpls-pvc-id>
      <mpls-pvc-dst-port>
        mpls-pvc-dst-port
      </mpls-pvc-dst-port>
      <mpls-pvc-active-path-type>
        mpls-pvc-active-path-type
      </mpls-pvc-active-path-type>
      <mpls-pvc-active-path-name>
        mpls-pvc-active-path-name
      </mpls-pvc-active-path-name>
      <mpls-pvc-autobw-max-avg>
        mpls-pvc-autobw-max-avg
      </mpls-pvc-autobw-max-avg>
      <mpls-pvc-refcount>
        mpls-pvc-refcount

```

```
</mpls-pvc-refcount>
<mpls-pvc-resolved>
  mpls-pvc-resolved
</mpls-pvc-resolved>
</mpls-pvc-replication>
</mpls-lsp-replication>
</mpls-lsp-replication-information>
```

Description MPLS PVC replication entry

<mpls-pvc-replication-information>

Usage

```
<mpls-pvc-replication-information>
  <mpls-pvc-replication>....</mpls-pvc-replication>
</mpls-pvc-replication-information>
```

Description Information replicated for one or more MPLS PVCs

<mpls-restart-database>

Usage

```
<mpls-restart-database-information>
  <mpls-restart-database>
    <mpls-restart-lsp>....</mpls-restart-lsp>
  </mpls-restart-database>
</mpls-restart-database-information>
```

Description

<mpls-restart-database-information>

Usage

```
<mpls-restart-database-information>
  <mpls-restart-database>....</mpls-restart-database>
</mpls-restart-database-information>
```

Description

<mpls-restart-lsp>

Usage

```
<mpls-restart-lsp>
  <name>
    name
  </name>
  <destination-address>
    destination-address
  </destination-address>
  <source-address>
    source-address
```

```

</source-address>
<lsp-state>
  lsp-state
</lsp-state>
<lsp-flags>
  lsp-flags
</lsp-flags>
<lsp-path-count>
  lsp-path-count
</lsp-path-count>
<mpls-lsp-attributes>....</mpls-lsp-attributes>
<mpls-restart-path>....</mpls-restart-path>
</mpls-restart-lsp>

```

Description

<mpls-restart-lsp>

Usage

```

<mpls-restart-database-information>
<mpls-restart-database>
  <mpls-restart-lsp>
    <name>
      name
    </name>
    <destination-address>
      destination-address
    </destination-address>
    <source-address>
      source-address
    </source-address>
    <lsp-state>
      lsp-state
    </lsp-state>
    <lsp-flags>
      lsp-flags
    </lsp-flags>
    <lsp-path-count>
      lsp-path-count
    </lsp-path-count>
    <mpls-lsp-attributes>....</mpls-lsp-attributes>
    <mpls-restart-path>....</mpls-restart-path>
  </mpls-restart-lsp>
</mpls-restart-database>
</mpls-restart-database-information>

```

Description

<mpls-restart-lsp>

Usage

```

<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
  <name>

```

```
    name
  </name>
  <destination-address>
    destination-address
  </destination-address>
  <source-address>
    source-address
  </source-address>
  <lsp-state>
    lsp-state
  </lsp-state>
  <lsp-flags>
    lsp-flags
  </lsp-flags>
  <lsp-path-count>
    lsp-path-count
  </lsp-path-count>
  <mpls-lsp-attributes>....</mpls-lsp-attributes>
  <mpls-restart-path>....</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>
```

Description

<mpls-restart-lsp>

Usage

```
<mpls-p2mp-restart-database-information>
<mpls-p2mp-restart-database>
  <mpls-p2mp-restart-lsp>
    <mpls-restart-lsp>
      <name>
        name
      </name>
      <destination-address>
        destination-address
      </destination-address>
      <source-address>
        source-address
      </source-address>
      <lsp-state>
        lsp-state
      </lsp-state>
      <lsp-flags>
        lsp-flags
      </lsp-flags>
      <lsp-path-count>
        lsp-path-count
      </lsp-path-count>
      <mpls-lsp-attributes>....</mpls-lsp-attributes>
      <mpls-restart-path>....</mpls-restart-path>
    </mpls-restart-lsp>
  </mpls-p2mp-restart-lsp>
</mpls-p2mp-restart-database>
```

```
</mpls-p2mp-restart-database-information>
```

Description

<mpls-restart-path>

Usage

```
<mpls-restart-path>
  <lsp-path-type>
    lsp-path-type
  </lsp-path-type>
  <name>
    name
  </name>
  <path-standby>
    path-standby
  </path-standby>
  <path-active>
    path-active
  </path-active>
  <path-state>
    path-state
  </path-state>
  <lsp-id>
    lsp-id
  </lsp-id>
  <tunnel-id>
    tunnel-id
  </tunnel-id>
  <subgroup-id>
    subgroup-id
  </subgroup-id>
  <path-flags>
    path-flags
  </path-flags>
  <bandwidth>
    bandwidth
  </bandwidth>
  <per-class-bandwidth-heading>
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <bandwidth_ct1>
    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>
  <explicit-route>....</explicit-route>
</mpls-restart-rsvp>....</mpls-restart-rsvp>
```

</mpls-restart-path>

Description

<mpls-restart-path>

Usage

```
<mpls-restart-lsp>
  <mpls-restart-path>
    <lsp-path-type>
      lsp-path-type
    </lsp-path-type>
    <name>
      name
    </name>
    <path-standby>
      path-standby
    </path-standby>
    <path-active>
      path-active
    </path-active>
    <path-state>
      path-state
    </path-state>
    <lsp-id>
      lsp-id
    </lsp-id>
    <tunnel-id>
      tunnel-id
    </tunnel-id>
    <subgroup-id>
      subgroup-id
    </subgroup-id>
    <path-flags>
      path-flags
    </path-flags>
    <bandwidth>
      bandwidth
    </bandwidth>
    <per-class-bandwidth-heading>
      per-class-bandwidth-heading
    </per-class-bandwidth-heading>
    <bandwidth_ct0>
      bandwidth_ct0
    </bandwidth_ct0>
    <bandwidth_ct1>
      bandwidth_ct1
    </bandwidth_ct1>
    <bandwidth_ct2>
      bandwidth_ct2
    </bandwidth_ct2>
    <bandwidth_ct3>
      bandwidth_ct3
    </bandwidth_ct3>
    <explicit-route>.....</explicit-route>
```



```

    <mpls-restart-rsvp>....</mpls-restart-rsvp>
  </mpls-restart-path>
</mpls-restart-lsp>

```

Description

<mpls-restart-path>

Usage

```

<mpls-restart-database-information>
  <mpls-restart-database>
    <mpls-restart-lsp>
      <mpls-restart-path>
        <lsp-path-type>
          lsp-path-type
        </lsp-path-type>
        <name>
          name
        </name>
        <path-standby>
          path-standby
        </path-standby>
        <path-active>
          path-active
        </path-active>
        <path-state>
          path-state
        </path-state>
        <lsp-id>
          lsp-id
        </lsp-id>
        <tunnel-id>
          tunnel-id
        </tunnel-id>
        <subgroup-id>
          subgroup-id
        </subgroup-id>
        <path-flags>
          path-flags
        </path-flags>
        <bandwidth>
          bandwidth
        </bandwidth>
        <per-class-bandwidth-heading>
          per-class-bandwidth-heading
        </per-class-bandwidth-heading>
        <bandwidth_ct0>
          bandwidth_ct0
        </bandwidth_ct0>
        <bandwidth_ct1>
          bandwidth_ct1
        </bandwidth_ct1>
        <bandwidth_ct2>
          bandwidth_ct2
        </bandwidth_ct2>
      
```

```
<bandwidth_ct3>
  bandwidth_ct3
</bandwidth_ct3>
<explicit-route>....</explicit-route>
<mpls-restart-rsvp>....</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-restart-database>
</mpls-restart-database-information>
```

Description

<mpls-restart-path>

Usage

```
<mpls-p2mp-restart-lsp>
<mpls-restart-lsp>
  <mpls-restart-path>
    <lsp-path-type>
      lsp-path-type
    </lsp-path-type>
    <name>
      name
    </name>
    <path-standby>
      path-standby
    </path-standby>
    <path-active>
      path-active
    </path-active>
    <path-state>
      path-state
    </path-state>
    <lsp-id>
      lsp-id
    </lsp-id>
    <tunnel-id>
      tunnel-id
    </tunnel-id>
    <subgroup-id>
      subgroup-id
    </subgroup-id>
    <path-flags>
      path-flags
    </path-flags>
    <bandwidth>
      bandwidth
    </bandwidth>
    <per-class-bandwidth-heading>
      per-class-bandwidth-heading
    </per-class-bandwidth-heading>
    <bandwidth_ct0>
      bandwidth_ct0
    </bandwidth_ct0>
    <bandwidth_ct1>
```

```

    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>
  <explicit-route>....</explicit-route>
  <mpls-restart-rsvp>....</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>

```

Description

<mpls-restart-path>

Usage

```

<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>
    <mpls-p2mp-restart-lsp>
      <mpls-restart-lsp>
        <mpls-restart-path>
          <lsp-path-type>
            lsp-path-type
          </lsp-path-type>
          <name>
            name
          </name>
          <path-standby>
            path-standby
          </path-standby>
          <path-active>
            path-active
          </path-active>
          <path-state>
            path-state
          </path-state>
          <lsp-id>
            lsp-id
          </lsp-id>
          <tunnel-id>
            tunnel-id
          </tunnel-id>
          <subgroup-id>
            subgroup-id
          </subgroup-id>
          <path-flags>
            path-flags
          </path-flags>
          <bandwidth>
            bandwidth
          </bandwidth>
          <per-class-bandwidth-heading>

```

```
    per-class-bandwidth-heading
  </per-class-bandwidth-heading>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <bandwidth_ct1>
    bandwidth_ct1
  </bandwidth_ct1>
  <bandwidth_ct2>
    bandwidth_ct2
  </bandwidth_ct2>
  <bandwidth_ct3>
    bandwidth_ct3
  </bandwidth_ct3>
  <explicit-route>....</explicit-route>
  <mpls-restart-rsvp>....</mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>
</mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>
```

Description

<mpls-restart-rsvp>

Usage

```
<mpls-restart-rsvp>
  <next-hop>
    next-hop
  </next-hop>
  <interface-name>
    interface-name
  </interface-name>
  <telink-name>
    telink-name
  </telink-name>
  <upstream-label-in>
    upstream-label-in
  </upstream-label-in>
  <label-out>
    label-out
  </label-out>
  <self-id>
    self-id
  </self-id>
  <explicit-route>....</explicit-route>
</mpls-restart-rsvp>
```

Description

<mpls-restart-rsvp>**Usage**

```

<mpls-restart-path>
  <mpls-restart-rsvp>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
    </interface-name>
    <telink-name>
      telink-name
    </telink-name>
    <upstream-label-in>
      upstream-label-in
    </upstream-label-in>
    <label-out>
      label-out
    </label-out>
    <self-id>
      self-id
    </self-id>
    <explicit-route>....</explicit-route>
  </mpls-restart-rsvp>
</mpls-restart-path>

```

Description**<mpls-restart-rsvp>****Usage**

```

<mpls-restart-lsp>
  <mpls-restart-path>
    <mpls-restart-rsvp>
      <next-hop>
        next-hop
      </next-hop>
      <interface-name>
        interface-name
      </interface-name>
      <telink-name>
        telink-name
      </telink-name>
      <upstream-label-in>
        upstream-label-in
      </upstream-label-in>
      <label-out>
        label-out
      </label-out>
      <self-id>
        self-id
      </self-id>
      <explicit-route>....</explicit-route>
    </mpls-restart-rsvp>
  </mpls-restart-path>

```

```
</mpls-restart-path>
</mpls-restart-lsp>
```

Description

<mpls-restart-rsvp>

Usage

```
<mpls-restart-database-information>
  <mpls-restart-database>
    <mpls-restart-lsp>
      <mpls-restart-path>
        <mpls-restart-rsvp>
          <next-hop>
            next-hop
          </next-hop>
          <interface-name>
            interface-name
          </interface-name>
          <telink-name>
            telink-name
          </telink-name>
          <upstream-label-in>
            upstream-label-in
          </upstream-label-in>
          <label-out>
            label-out
          </label-out>
          <self-id>
            self-id
          </self-id>
          <explicit-route>....</explicit-route>
        </mpls-restart-rsvp>
      </mpls-restart-path>
    </mpls-restart-lsp>
  </mpls-restart-database>
</mpls-restart-database-information>
```

Description

<mpls-restart-rsvp>

Usage

```
<mpls-p2mp-restart-lsp>
  <mpls-restart-lsp>
    <mpls-restart-path>
      <mpls-restart-rsvp>
        <next-hop>
          next-hop
        </next-hop>
        <interface-name>
          interface-name
        </interface-name>
        <telink-name>
```

```

        telink-name
      </telink-name>
    <upstream-label-in>
      upstream-label-in
    </upstream-label-in>
    <label-out>
      label-out
    </label-out>
    <self-id>
      self-id
    </self-id>
    <explicit-route>....</explicit-route>
  </mpls-restart-rsvp>
</mpls-restart-path>
</mpls-restart-lsp>
</mpls-p2mp-restart-lsp>

```

Description

<mpls-restart-rsvp>

Usage

```

<mpls-p2mp-restart-database-information>
  <mpls-p2mp-restart-database>
    <mpls-p2mp-restart-lsp>
      <mpls-restart-lsp>
        <mpls-restart-path>
          <mpls-restart-rsvp>
            <next-hop>
              next-hop
            </next-hop>
            <interface-name>
              interface-name
            </interface-name>
            <telink-name>
              telink-name
            </telink-name>
            <upstream-label-in>
              upstream-label-in
            </upstream-label-in>
            <label-out>
              label-out
            </label-out>
            <self-id>
              self-id
            </self-id>
            <explicit-route>....</explicit-route>
          </mpls-restart-rsvp>
        </mpls-restart-path>
      </mpls-restart-lsp>
    </mpls-p2mp-restart-lsp>
  </mpls-p2mp-restart-database>
</mpls-p2mp-restart-database-information>

```

Description**<mpls-static-ingress-lsp-brief>****Usage**

```
<mpls-static-lsp-information>
  <mpls-static-ingress-lsp-brief>
    <lsp-name>
      lsp-name
    </lsp-name>
    <destination-address>
      destination-address
    </destination-address>
    <lsp-state>
      lsp-state
    </lsp-state>
  </mpls-static-ingress-lsp-brief>
</mpls-static-lsp-information>
```

Description**<mpls-static-ingress-lsp-descriptions>****Usage**

```
<mpls-static-lsp-information>
  <mpls-static-ingress-lsp-descriptions>
    <lsp-name>
      lsp-name
    </lsp-name>
    <destination-address>
      destination-address
    </destination-address>
    <lsp-description>
      lsp-description
    </lsp-description>
  </mpls-static-ingress-lsp-descriptions>
</mpls-static-lsp-information>
```

Description**<mpls-static-ingress-lsp-statistics>****Usage**

```
<mpls-static-lsp-information>
  <mpls-static-ingress-lsp-statistics>
    <lsp-name>
      lsp-name
    </lsp-name>
    <destination-address>
      destination-address
    </destination-address>
    <lsp-state>
      lsp-state
    </lsp-state>
    <lsp-pktbytes>
```



```

    lsp-pktbytes
  </lsp-pktbytes>
  <lsp-packets>
    lsp-packets
  </lsp-packets>
  <lsp-bytes>
    lsp-bytes
  </lsp-bytes>
</mpls-static-ingress-lsp-statistics>
</mpls-static-lsp-information>

```

Description

<mpls-static-lsp-detail>

Usage

```

<mpls-static-lsp-information>
  <mpls-static-lsp-detail>
    <lsp-name>
      lsp-name
    </lsp-name>
    <destination-address>
      destination-address
    </destination-address>
    <label-in>
      label-in
    </label-in>
    <lsp-description>
      lsp-description
    </lsp-description>
    <lsp-state>
      lsp-state
    </lsp-state>
    <lsp-sub-state>
      lsp-sub-state
    </lsp-sub-state>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
    </interface-name>
    <label-operation>
      label-operation
    </label-operation>
    <label-out>
      label-out
    </label-out>
    <creation-time>
      creation-time
    </creation-time>
    <lp-bypass-name>
      lp-bypass-name
    </lp-bypass-name>
    <np-bypass-name>

```

```
    np-bypass-name
  </np-bypass-name>
  <next-next-label>
    next-next-label
  </next-next-label>
  <bandwidth_ct0>
    bandwidth_ct0
  </bandwidth_ct0>
  <spvc-id>
    spvc-id
  </spvc-id>
  <self-id>
    self-id
  </self-id>
  <lsp-pktbytes>
    lsp-pktbytes
  </lsp-pktbytes>
  <lsp-packets>
    lsp-packets
  </lsp-packets>
  <lsp-bytes>
    lsp-bytes
  </lsp-bytes>
</mpls-static-lsp-detail>
</mpls-static-lsp-information>
```

Description

<mpls-static-lsp-information>

Usage

```
<mpls-static-lsp-information>
  <mpls-static-lsp-summary>....</mpls-static-lsp-summary>
  <mpls-static-ingress-lsp-brief>....</mpls-static-ingress-lsp-brief>
  <mpls-static-transit-lsp-brief>....</mpls-static-transit-lsp-brief>
  <mpls-static-ingress-lsp-descriptions>....</mpls-static-ingress-lsp-descriptions>

  <mpls-static-transit-lsp-descriptions>....</mpls-static-transit-lsp-descriptions>
  <mpls-static-ingress-lsp-statistics>....</mpls-static-ingress-lsp-statistics>
  <mpls-static-transit-lsp-statistics>....</mpls-static-transit-lsp-statistics>
  <mpls-static-lsp-detail>....</mpls-static-lsp-detail>
</mpls-static-lsp-information>
```

Description

<mpls-static-lsp-summary>

Usage

```
<mpls-static-lsp-information>
  <mpls-static-lsp-summary>
    <session-type>
      session-type
    </session-type>
    <count>
```

```

        count
      </count>
    <display-count>
      display-count
    </display-count>
    <up-count>
      up-count
    </up-count>
    <down-count>
      down-count
    </down-count>
  </mpls-static-lsp-summary>
</mpls-static-lsp-information>

```

Description

<mpls-static-restart-database>

Usage

```

<mpls-static-restart-database-information>
  <mpls-static-restart-database>
    <mpls-static-restart-lsp>....</mpls-static-restart-lsp>
  </mpls-static-restart-database>
</mpls-static-restart-database-information>

```

Description

<mpls-static-restart-database-information>

Usage

```

<mpls-static-restart-database-information>
  <mpls-static-restart-database>....</mpls-static-restart-database>
</mpls-static-restart-database-information>

```

Description

<mpls-static-restart-lsp>

Usage

```

<mpls-static-restart-database-information>
  <mpls-static-restart-database>
    <mpls-static-restart-lsp>
      <name>
        name
      </name>
      <spvc-type>
        spvc-type
      </spvc-type>
      <spvc-id>
        spvc-id
      </spvc-id>
      <self-id>
        self-id
      </self-id>
    </mpls-static-restart-lsp>
  </mpls-static-restart-database>
</mpls-static-restart-database-information>

```

```
</mpls-static-restart-lsp>
</mpls-static-restart-database>
</mpls-static-restart-database-information>
```

Description

<mpls-static-transit-lsp-brief>

Usage

```
<mpls-static-lsp-information>
  <mpls-static-transit-lsp-brief>
    <lsp-name>
      lsp-name
    </lsp-name>
    <label-in>
      label-in
    </label-in>
    <lsp-state>
      lsp-state
    </lsp-state>
  </mpls-static-transit-lsp-brief>
</mpls-static-lsp-information>
```

Description

<mpls-static-transit-lsp-descriptions>

Usage

```
<mpls-static-lsp-information>
  <mpls-static-transit-lsp-descriptions>
    <lsp-name>
      lsp-name
    </lsp-name>
    <label-in>
      label-in
    </label-in>
    <lsp-description>
      lsp-description
    </lsp-description>
  </mpls-static-transit-lsp-descriptions>
</mpls-static-lsp-information>
```

Description

<mpls-static-transit-lsp-statistics>

Usage

```
<mpls-static-lsp-information>
  <mpls-static-transit-lsp-statistics>
    <lsp-name>
      lsp-name
    </lsp-name>
    <label-in>
      label-in
    </label-in>
```

```

</label-in>
<lsp-state>
  lsp-state
</lsp-state>
<lsp-pktbytes>
  lsp-pktbytes
</lsp-pktbytes>
<lsp-packets>
  lsp-packets
</lsp-packets>
<lsp-bytes>
  lsp-bytes
</lsp-bytes>
</mpls-static-transit-lsp-statistics>
</mpls-static-lsp-information>

```

Description

<msdp-instance>

Usage

```

<msdp-source-active-information>
<msdp-instance>
  <instance-name>
    instance-name
  </instance-name>
  <msdp-no-routes>
    msdp-no-routes
  </msdp-no-routes>
  <msdp-route>.....</msdp-route>
  <msdp-no-source>
    msdp-no-source
  </msdp-no-source>
  <msdp-source>.....</msdp-source>
  <msdp-global-active-source-limit-exceeded>
    msdp-global-active-source-limit-exceeded
  </msdp-global-active-source-limit-exceeded>
  <msdp-peer-statistics>.....</msdp-peer-statistics>
</msdp-instance>
</msdp-source-active-information>

```

Description

<msdp-instance>

Usage

```

<msdp-source-information>
<msdp-instance>
  <instance-name>
    instance-name
  </instance-name>
  <msdp-no-routes>
    msdp-no-routes
  </msdp-no-routes>

```

```
<msdp-route>....</msdp-route>
<msdp-no-source>
  msdp-no-source
</msdp-no-source>
<msdp-source>....</msdp-source>
<msdp-global-active-source-limit-exceeded>
  msdp-global-active-source-limit-exceeded
</msdp-global-active-source-limit-exceeded>
<msdp-peer-statistics>....</msdp-peer-statistics>
</msdp-instance>
</msdp-source-information>
```

Description

<msdp-instance>

Usage

```
<msdp-statistics-information>
<msdp-instance>
  <instance-name>
    instance-name
  </instance-name>
  <msdp-no-routes>
    msdp-no-routes
  </msdp-no-routes>
  <msdp-route>....</msdp-route>
  <msdp-no-source>
    msdp-no-source
  </msdp-no-source>
  <msdp-source>....</msdp-source>
  <msdp-global-active-source-limit-exceeded>
    msdp-global-active-source-limit-exceeded
  </msdp-global-active-source-limit-exceeded>
  <msdp-peer-statistics>....</msdp-peer-statistics>
</msdp-instance>
</msdp-statistics-information>
```

Description

<msdp-peer>

Usage

```
<msdp-peer-information>
<msdp-peer>
  <msdp-peer-address>
    msdp-peer-address
  </msdp-peer-address>
  <msdp-local-address>
    msdp-local-address
  </msdp-local-address>
  <msdp-state>
    msdp-state
  </msdp-state>
  <msdp-state-change>
```

```

    msdp-state-change
  </msdp-state-change>
  <msdp-group-name>
    msdp-group-name
  </msdp-group-name>
  <msdp-connect-retries>
    msdp-connect-retries
  </msdp-connect-retries>
  <msdp-state-timeout>
    msdp-state-timeout
  </msdp-state-timeout>
  <msdp-peer-timeout>
    msdp-peer-timeout
  </msdp-peer-timeout>
  <msdp-sa-accepted>
    msdp-sa-accepted
  </msdp-sa-accepted>
  <msdp-sa-received>
    msdp-sa-received
  </msdp-sa-received>
</msdp-peer>
</msdp-peer-information>

```

Description

<msdp-peer-information>

Usage

```

<msdp-peer-information>
  <msdp-no-peers>
    msdp-no-peers
  </msdp-no-peers>
  <msdp-peer>....</msdp-peer>
</msdp-peer-information>

```

Description

<msdp-peer-statistics>

Usage

```

<msdp-source-active-information>
  <msdp-instance>
    <msdp-peer-statistics>
      <msdp-peer-address>
        msdp-peer-address
      </msdp-peer-address>
      <msdp-state-change-absolute>
        msdp-state-change-absolute
      </msdp-state-change-absolute>
      <msdp-state-change>
        msdp-state-change
      </msdp-state-change>
      <msdp-message-received-absolute>
        msdp-message-received-absolute
    </msdp-peer-statistics>
  </msdp-instance>
</msdp-source-active-information>

```

```
</msdp-message-received-absolute>
<msdp-message-received>
  msdp-message-received
</msdp-message-received>
<msdp-rpf-failures>
  msdp-rpf-failures
</msdp-rpf-failures>
<msdp-remote-closes>
  msdp-remote-closes
</msdp-remote-closes>
<msdp-peer-timeouts>
  msdp-peer-timeouts
</msdp-peer-timeouts>
<msdp-sa-messages-sent>
  msdp-sa-messages-sent
</msdp-sa-messages-sent>
<msdp-sa-messages-received>
  msdp-sa-messages-received
</msdp-sa-messages-received>
<msdp-sa-requests-sent>
  msdp-sa-requests-sent
</msdp-sa-requests-sent>
<msdp-sa-requests-received>
  msdp-sa-requests-received
</msdp-sa-requests-received>
<msdp-sa-responses-sent>
  msdp-sa-responses-sent
</msdp-sa-responses-sent>
<msdp-sa-responses-received>
  msdp-sa-responses-received
</msdp-sa-responses-received>
<msdp-active-source-limit-exceeded>
  msdp-active-source-limit-exceeded
</msdp-active-source-limit-exceeded>
<msdp-keepalives-sent>
  msdp-keepalives-sent
</msdp-keepalives-sent>
<msdp-keepalives-received>
  msdp-keepalives-received
</msdp-keepalives-received>
<msdp-unknowns-received>
  msdp-unknowns-received
</msdp-unknowns-received>
<msdp-errors-received>
  msdp-errors-received
</msdp-errors-received>
</msdp-peer-statistics>
</msdp-instance>
</msdp-source-active-information>
```

Description

<msdp-peer-statistics>

Usage

```

<msdp-source-information>
<msdp-instance>
  <msdp-peer-statistics>
    <msdp-peer-address>
      msdp-peer-address
    </msdp-peer-address>
    <msdp-state-change-absolute>
      msdp-state-change-absolute
    </msdp-state-change-absolute>
    <msdp-state-change>
      msdp-state-change
    </msdp-state-change>
    <msdp-message-received-absolute>
      msdp-message-received-absolute
    </msdp-message-received-absolute>
    <msdp-message-received>
      msdp-message-received
    </msdp-message-received>
    <msdp-rpf-failures>
      msdp-rpf-failures
    </msdp-rpf-failures>
    <msdp-remote-closes>
      msdp-remote-closes
    </msdp-remote-closes>
    <msdp-peer-timeouts>
      msdp-peer-timeouts
    </msdp-peer-timeouts>
    <msdp-sa-messages-sent>
      msdp-sa-messages-sent
    </msdp-sa-messages-sent>
    <msdp-sa-messages-received>
      msdp-sa-messages-received
    </msdp-sa-messages-received>
    <msdp-sa-requests-sent>
      msdp-sa-requests-sent
    </msdp-sa-requests-sent>
    <msdp-sa-requests-received>
      msdp-sa-requests-received
    </msdp-sa-requests-received>
    <msdp-sa-responses-sent>
      msdp-sa-responses-sent
    </msdp-sa-responses-sent>
    <msdp-sa-responses-received>
      msdp-sa-responses-received
    </msdp-sa-responses-received>
    <msdp-active-source-limit-exceeded>
      msdp-active-source-limit-exceeded
    </msdp-active-source-limit-exceeded>
    <msdp-keepalives-sent>
      msdp-keepalives-sent
    </msdp-keepalives-sent>
    <msdp-keepalives-received>

```

```
    msdp-keepalives-received
  </msdp-keepalives-received>
  <msdp-unknowns-received>
    msdp-unknowns-received
  </msdp-unknowns-received>
  <msdp-errors-received>
    msdp-errors-received
  </msdp-errors-received>
</msdp-peer-statistics>
</msdp-instance>
</msdp-source-information>
```

Description

<msdp-peer-statistics>

Usage

```
<msdp-statistics-information>
  <msdp-instance>
    <msdp-peer-statistics>
      <msdp-peer-address>
        msdp-peer-address
      </msdp-peer-address>
      <msdp-state-change-absolute>
        msdp-state-change-absolute
      </msdp-state-change-absolute>
      <msdp-state-change>
        msdp-state-change
      </msdp-state-change>
      <msdp-message-received-absolute>
        msdp-message-received-absolute
      </msdp-message-received-absolute>
      <msdp-message-received>
        msdp-message-received
      </msdp-message-received>
      <msdp-rpf-failures>
        msdp-rpf-failures
      </msdp-rpf-failures>
      <msdp-remote-closes>
        msdp-remote-closes
      </msdp-remote-closes>
      <msdp-peer-timeouts>
        msdp-peer-timeouts
      </msdp-peer-timeouts>
      <msdp-sa-messages-sent>
        msdp-sa-messages-sent
      </msdp-sa-messages-sent>
      <msdp-sa-messages-received>
        msdp-sa-messages-received
      </msdp-sa-messages-received>
      <msdp-sa-requests-sent>
        msdp-sa-requests-sent
      </msdp-sa-requests-sent>
      <msdp-sa-requests-received>
        msdp-sa-requests-received
```

```

</msdp-sa-requests-received>
<msdp-sa-responses-sent>
  msdp-sa-responses-sent
</msdp-sa-responses-sent>
<msdp-sa-responses-received>
  msdp-sa-responses-received
</msdp-sa-responses-received>
<msdp-active-source-limit-exceeded>
  msdp-active-source-limit-exceeded
</msdp-active-source-limit-exceeded>
<msdp-keepalives-sent>
  msdp-keepalives-sent
</msdp-keepalives-sent>
<msdp-keepalives-received>
  msdp-keepalives-received
</msdp-keepalives-received>
<msdp-unknowns-received>
  msdp-unknowns-received
</msdp-unknowns-received>
<msdp-errors-received>
  msdp-errors-received
</msdp-errors-received>
</msdp-peer-statistics>
</msdp-instance>
</msdp-statistics-information>

```

Description

<msdp-route>

Usage

```

<msdp-source-active-information>
  <msdp-instance>
    <msdp-route>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <msdp-route-peer>....</msdp-route-peer>
    </msdp-route>
  </msdp-instance>
</msdp-source-active-information>

```

Description

<msdp-route>

Usage

```

<msdp-source-information>
  <msdp-instance>
    <msdp-route>
      <multicast-group-address>

```

```
    multicast-group-address
  </multicast-group-address>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
  <msdp-route-peer>....</msdp-route-peer>
</msdp-route>
</msdp-instance>
</msdp-source-information>
```

Description

<msdp-route>

Usage

```
<msdp-statistics-information>
<msdp-instance>
  <msdp-route>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <msdp-route-peer>....</msdp-route-peer>
  </msdp-route>
</msdp-instance>
</msdp-statistics-information>
```

Description

<msdp-route-peer>

Usage

```
<msdp-source-active-information>
<msdp-instance>
  <msdp-route>
    <msdp-route-peer>
      <msdp-peer-address>
        msdp-peer-address
      </msdp-peer-address>
      <msdp-originator>
        msdp-originator
      </msdp-originator>
      <msdp-route-peer-flags>....</msdp-route-peer-flags>
    </msdp-route-peer>
  </msdp-route>
</msdp-instance>
</msdp-source-active-information>
```

Description

<msdp-route-peer>

Usage

```

<msdp-source-information>
  <msdp-instance>
    <msdp-route>
      <msdp-route-peer>
        <msdp-peer-address>
          msdp-peer-address
        </msdp-peer-address>
        <msdp-originator>
          msdp-originator
        </msdp-originator>
        <msdp-route-peer-flags>....</msdp-route-peer-flags>
      </msdp-route-peer>
    </msdp-route>
  </msdp-instance>
</msdp-source-information>

```

Description

<msdp-route-peer>

Usage

```

<msdp-statistics-information>
  <msdp-instance>
    <msdp-route>
      <msdp-route-peer>
        <msdp-peer-address>
          msdp-peer-address
        </msdp-peer-address>
        <msdp-originator>
          msdp-originator
        </msdp-originator>
        <msdp-route-peer-flags>....</msdp-route-peer-flags>
      </msdp-route-peer>
    </msdp-route>
  </msdp-instance>
</msdp-statistics-information>

```

Description

<msdp-route-peer-flags>

Usage

```

<msdp-source-active-information>
  <msdp-instance>
    <msdp-route>
      <msdp-route-peer>
        <msdp-route-peer-flags>
          <msdp-accept>
            msdp-accept
          </msdp-accept>
          <msdp-reject>

```

```
        msdp-reject
      </msdp-reject>
    <msdp-filtered>
      msdp-filtered
    </msdp-filtered>
  </msdp-route-peer-flags>
</msdp-route-peer>
</msdp-route>
</msdp-instance>
</msdp-source-active-information>
```

Description

<msdp-route-peer-flags>

Usage

```
<msdp-source-information>
<msdp-instance>
<msdp-route>
<msdp-route-peer>
<msdp-route-peer-flags>
  <msdp-accept>
    msdp-accept
  </msdp-accept>
  <msdp-reject>
    msdp-reject
  </msdp-reject>
  <msdp-filtered>
    msdp-filtered
  </msdp-filtered>
</msdp-route-peer-flags>
</msdp-route-peer>
</msdp-route>
</msdp-instance>
</msdp-source-information>
```

Description

<msdp-route-peer-flags>

Usage

```
<msdp-statistics-information>
<msdp-instance>
<msdp-route>
<msdp-route-peer>
<msdp-route-peer-flags>
  <msdp-accept>
    msdp-accept
  </msdp-accept>
  <msdp-reject>
    msdp-reject
  </msdp-reject>
  <msdp-filtered>
    msdp-filtered
```

```

        </msdp-filtered>
      </msdp-route-peer-flags>
    </msdp-route-peer>
  </msdp-route>
</msdp-instance>
</msdp-statistics-information>

```

Description

<msdp-source>

Usage

```

<msdp-source-active-information>
  <msdp-instance>
    <msdp-source>
      <msdp-source-prefix>
        msdp-source-prefix
      </msdp-source-prefix>
      <msdp-source-prefix-length>
        msdp-source-prefix-length
      </msdp-source-prefix-length>
      <msdp-source-type>
        msdp-source-type
      </msdp-source-type>
      <msdp-source-limit-maximum>
        msdp-source-limit-maximum
      </msdp-source-limit-maximum>
      <msdp-source-limit-threshold>
        msdp-source-limit-threshold
      </msdp-source-limit-threshold>
      <msdp-source-limit-exceeded>
        msdp-source-limit-exceeded
      </msdp-source-limit-exceeded>
    </msdp-source>
  </msdp-instance>
</msdp-source-active-information>

```

Description

<msdp-source>

Usage

```

<msdp-source-information>
  <msdp-instance>
    <msdp-source>
      <msdp-source-prefix>
        msdp-source-prefix
      </msdp-source-prefix>
      <msdp-source-prefix-length>
        msdp-source-prefix-length
      </msdp-source-prefix-length>
      <msdp-source-type>
        msdp-source-type
      </msdp-source-type>
    </msdp-source>
  </msdp-instance>
</msdp-source-information>

```

```
<msdp-source-limit-maximum>
  msdp-source-limit-maximum
</msdp-source-limit-maximum>
<msdp-source-limit-threshold>
  msdp-source-limit-threshold
</msdp-source-limit-threshold>
<msdp-source-limit-exceeded>
  msdp-source-limit-exceeded
</msdp-source-limit-exceeded>
</msdp-source>
</msdp-instance>
</msdp-source-information>
```

Description

<msdp-source>

Usage

```
<msdp-statistics-information>
<msdp-instance>
  <msdp-source>
    <msdp-source-prefix>
      msdp-source-prefix
    </msdp-source-prefix>
    <msdp-source-prefix-length>
      msdp-source-prefix-length
    </msdp-source-prefix-length>
    <msdp-source-type>
      msdp-source-type
    </msdp-source-type>
    <msdp-source-limit-maximum>
      msdp-source-limit-maximum
    </msdp-source-limit-maximum>
    <msdp-source-limit-threshold>
      msdp-source-limit-threshold
    </msdp-source-limit-threshold>
    <msdp-source-limit-exceeded>
      msdp-source-limit-exceeded
    </msdp-source-limit-exceeded>
  </msdp-source>
</msdp-instance>
</msdp-statistics-information>
```

Description

<msdp-source-active-information>

Usage

```
<msdp-source-active-information>
<msdp-instance>....</msdp-instance>
</msdp-source-active-information>
```

Description

<msdp-source-information>**Usage**

```
<msdp-source-information>
  <msdp-instance>....</msdp-instance>
</msdp-source-information>
```

Description**<msdp-statistics-information>****Usage**

```
<msdp-statistics-information>
  <msdp-no-peer>
    msdp-no-peer
  </msdp-no-peer>
  <msdp-instance>....</msdp-instance>
</msdp-statistics-information>
```

Description**<mt-tlv>****Usage**

```
<isis-tlv>
  <mt-tlv>
    <mtid>
      mtid
    </mtid>
  </mt-tlv>
</isis-tlv>
```

Description**<mt-tlv>****Usage**

```
<isis-database-entry>
  <isis-tlv>
    <mt-tlv>
      <mtid>
        mtid
      </mtid>
    </mt-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description**<mt-tlv>****Usage**

```
<isis-database>
```

```
<isis-database-entry>
  <isis-tlv>
    <mt-tlv>
      <mtid>
        mtid
      </mtid>
    </mt-tlv>
  </isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<mt-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <mt-tlv>
          <mtid>
            mtid
          </mtid>
        </mt-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<multicast-backup-pe-address-information>

Usage

```
<multicast-backup-pe-address-information>
  <multicast-backup-pe-address>
    multicast-backup-pe-address
  </multicast-backup-pe-address>
  <multicast-backup-pe-group-list>....</multicast-backup-pe-group-list>
  <pe-address-local>
    pe-address-local
  </pe-address-local>
  <lsp-to-pe-up>
    lsp-to-pe-up
  </lsp-to-pe-up>
</multicast-backup-pe-address-information>
```

Description Information about multicast backup PE

<multicast-backup-pe-group>**Usage**

```

<multicast-backup-pe-groups-information>
  <multicast-backup-pe-groups>
    <multicast-backup-pe-group>
      <multicast-backup-pe-group-name>
        multicast-backup-pe-group-name
      </multicast-backup-pe-group-name>
      <designated-pe>
        designated-pe
      </designated-pe>
      <transitions>
        transitions
      </transitions>
      <last-transition>
        last-transition
      </last-transition>
      <local-pe-address>
        local-pe-address
      </local-pe-address>
      <backup-pes>....</backup-pes>
    </multicast-backup-pe-group>
  </multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>

```

Description Information about a multicast backup PE group

<multicast-backup-pe-group-list>**Usage**

```

<multicast-backup-pe-address-information>
  <multicast-backup-pe-group-list>
    <multicast-backup-pe-group-member>....</multicast-backup-pe-group-member>

    </multicast-backup-pe-group-list>
  </multicast-backup-pe-address-information>

```

Description Information about multicast backup PE groups associatd with PE

<multicast-backup-pe-group-member>**Usage**

```

<multicast-backup-pe-address-information>
  <multicast-backup-pe-group-list>
    <multicast-backup-pe-group-member>
      <multicast-backup-pe-group-name>
        multicast-backup-pe-group-name
      </multicast-backup-pe-group-name>
    </multicast-backup-pe-group-member>
  </multicast-backup-pe-group-list>

```

```
</multicast-backup-pe-address-information>
```

Description Information about a multicast backup PE group

<multicast-backup-pe-groups>

Usage

```
<multicast-backup-pe-groups-information>
<multicast-backup-pe-groups>
  <instance-name>
    instance-name
  </instance-name>
  <multicast-backup-pe-group>....</multicast-backup-pe-group>
</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>
```

Description Information about multicast backup PE groups for one routing instance

<multicast-backup-pe-groups-information>

Usage

```
<multicast-backup-pe-groups-information>
  <multicast-backup-pe-groups>....</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>
```

Description Information about multicast backup PE groups for one or more routing instances

<multicast-flow-map>

Usage

```
<multicast-flow-maps-information>
<multicast-flow-maps>
  <multicast-flow-map>
    <flow-map-name>
      flow-map-name
    </flow-map-name>
    <policy-name>
      policy-name
    </policy-name>
    <cache-timeout>
      cache-timeout
    </cache-timeout>
    <flow-bandwidth>
      flow-bandwidth
    </flow-bandwidth>
    <bandwidth-type>
      bandwidth-type
    </bandwidth-type>
    <redundant-sources>....</redundant-sources>
  </multicast-flow-map>
</multicast-flow-maps>
```

```
</multicast-flow-maps-information>
```

Description Information about a multicast flow map

<multicast-flow-maps>

Usage

```
<multicast-flow-maps-information>
  <multicast-flow-maps>
    <instance-name>
      instance-name
    </instance-name>
    <multicast-flow-map>....</multicast-flow-map>
  </multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Information about multicast flow maps for one routing instance

<multicast-flow-maps-information>

Usage

```
<multicast-flow-maps-information>
  <multicast-flow-maps>....</multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Information about multicast flow maps for one or more routing instances

<multicast-group>

Usage

```
<multicast-usage-information>
  <multicast-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-count>
      multicast-source-count
    </multicast-source-count>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
    <multicast-byte-count-not-available>
      multicast-byte-count-not-available
    </multicast-byte-count-not-available>
    <multicast-group-source>....</multicast-group-source>
```

```
</multicast-group>
</multicast-usage-information>
```

Description

<multicast-group-source>

Usage

```
<multicast-usage-information>
  <multicast-group>
    <multicast-group-source>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <multicast-source-prefix-length>
        multicast-source-prefix-length
      </multicast-source-prefix-length>
      <multicast-packet-count>
        multicast-packet-count
      </multicast-packet-count>
      <multicast-packet-count-not-available>
        multicast-packet-count-not-available
      </multicast-packet-count-not-available>
      <multicast-byte-count>
        multicast-byte-count
      </multicast-byte-count>
      <multicast-byte-count-not-available>
        multicast-byte-count-not-available
      </multicast-byte-count-not-available>
    </multicast-group-source>
  </multicast-group>
</multicast-usage-information>
```

Description

<multicast-interface>

Usage

```
<multicast-interface-information>
  <multicast-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-max-bandwidth>
      interface-max-bandwidth
    </interface-max-bandwidth>
    <interface-remaining-bandwidth>
      interface-remaining-bandwidth
    </interface-remaining-bandwidth>
    <interface-local-bandwidth-deduction>
      interface-local-bandwidth-deduction
    </interface-local-bandwidth-deduction>
    <interface-mapped-bandwidth-deduction>
      interface-mapped-bandwidth-deduction
    </interface-mapped-bandwidth-deduction>
  </multicast-interface>
</multicast-interface-information>
```

```

</interface-mapped-bandwidth-deduction>
<interface-reverse-oif-mapping>
  interface-reverse-oif-mapping
</interface-reverse-oif-mapping>
<interface-reverse-oif-mapping-no-qos-adjust>
  interface-reverse-oif-mapping-no-qos-adjust
</interface-reverse-oif-mapping-no-qos-adjust>
<interface-subscriber-leave-timer>
  interface-subscriber-leave-timer
</interface-subscriber-leave-timer>
<interface-no-qos-adjust>
  interface-no-qos-adjust
</interface-no-qos-adjust>
</multicast-interface>
</multicast-interface-information>

```

Description Information about a multicast interface

<multicast-interface-information>

Usage

```

<multicast-interface-information>
  <multicast-interface>....</multicast-interface>
</multicast-interface-information>

```

Description Information about one or more multicast interfaces

<multicast-next-hops-information>

Usage

```

<multicast-next-hops-information>
  <next-hops-family>....</next-hops-family>
</multicast-next-hops-information>

```

Description

<multicast-pim-to-igmp-proxy>

Usage

```

<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>
    <instance-name>
      instance-name
    </instance-name>
    <proxy-state>
      proxy-state
    </proxy-state>
    <proxy-upstream-interface>....</proxy-upstream-interface>
  </multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>

```

Description Pim-to-igmp-proxy state

<multicast-pim-to-igmp-proxy-information>

Usage

```
<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>.....</multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>
```

Description

<multicast-pim-to-mld-proxy>

Usage

```
<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>
    <instance-name>
      instance-name
    </instance-name>
    <proxy-state>
      proxy-state
    </proxy-state>
    <proxy-upstream-interface>.....</proxy-upstream-interface>
  </multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>
```

Description Pim-to-mld-proxy state

<multicast-pim-to-mld-proxy-information>

Usage

```
<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>.....</multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>
```

Description

<multicast-route>

Usage

```
<multicast-route-information>
  <route-family>
    <multicast-route>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <multicast-route-vlan-id>
        multicast-route-vlan-id
      </multicast-route-vlan-id>
```



```
<multicast-route-bridge-domain>
  multicast-route-bridge-domain
</multicast-route-bridge-domain>
<multicast-route-mesh-group>
  multicast-route-mesh-group
</multicast-route-mesh-group>
<multicast-source-prefix-length>
  multicast-source-prefix-length
</multicast-source-prefix-length>
<multicast-route-source>....</multicast-route-source>
<session-name>
  session-name
</session-name>
<forwarding-rate-kilobytes>
  forwarding-rate-kilobytes
</forwarding-rate-kilobytes>
<forwarding-rate-packets>
  forwarding-rate-packets
</forwarding-rate-packets>
<forwarded-packet-count>
  forwarded-packet-count
</forwarded-packet-count>
<multicast-statistics-timed-out>
  multicast-statistics-timed-out
</multicast-statistics-timed-out>
<bandwidth-for-admission-control>
  bandwidth-for-admission-control
</bandwidth-for-admission-control>
<upstream-interface-name>
  upstream-interface-name
</upstream-interface-name>
<rpf-check-disabled>
  rpf-check-disabled
</rpf-check-disabled>
<downstream-interface-names>
  downstream-interface-names
</downstream-interface-names>
<rejected-downstream-interface-names>
  rejected-downstream-interface-names
</rejected-downstream-interface-names>
<next-hop-id>
  next-hop-id
</next-hop-id>
<upstream-protocol>
  upstream-protocol
</upstream-protocol>
<multicast-route-forwarding-state>
  multicast-route-forwarding-state
</multicast-route-forwarding-state>
<multicast-route-state>
  multicast-route-state
</multicast-route-state>
<multicast-route-timeout>
  multicast-route-timeout
</multicast-route-timeout>
<interface-mismatch-count>
```

```
        interface-mismatch-count
      </interface-mismatch-count>
    </multicast-route>
  </route-family>
</multicast-route-information>
```

Description

<multicast-route-information>

Usage

```
<multicast-route-information>
  <multicast-route-no-group-prefix>
    multicast-route-no-group-prefix
  </multicast-route-no-group-prefix>
  <multicast-route-no-family>
    multicast-route-no-family
  </multicast-route-no-family>
  <route-family>....</route-family>
</multicast-route-information>
```

Description

<multicast-route-source>

Usage

```
<multicast-route-information>
  <route-family>
    <multicast-route>
      <multicast-route-source>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
      </multicast-route-source>
    </multicast-route>
  </route-family>
</multicast-route-information>
```

Description

<multicast-rpf-information>

Usage

```
<multicast-rpf-information>
  <rpf-family>....</rpf-family>
</multicast-rpf-information>
```

Description

<multicast-scope>

Usage

```
<multicast-scope-information>
```

```

<multicast-scope>
  <scope-name>
    scope-name
  </scope-name>
  <address-prefix>
    address-prefix
  </address-prefix>
  <interface-name>
    interface-name
  </interface-name>
  <scope-rejects>
    scope-rejects
  </scope-rejects>
  <scope-state>
    scope-state
  </scope-state>
</multicast-scope>
</multicast-scope-information>

```

Description

<multicast-scope-information>

Usage

```

<multicast-scope-information>
  <multicast-scope-policy>
    multicast-scope-policy
  </multicast-scope-policy>
  <multicast-scope-policy-interfaces>....</multicast-scope-policy-interfaces>
  <multicast-scope>....</multicast-scope>
</multicast-scope-information>

```

Description

<multicast-scope-policy-interface>

Usage

```

<multicast-scope-information>
  <multicast-scope-policy-interfaces>
    <multicast-scope-policy-interface>
      <interface-name>
        interface-name
      </interface-name>
      <scope-rejects>
        scope-rejects
      </scope-rejects>
    </multicast-scope-policy-interface>
  </multicast-scope-policy-interfaces>
</multicast-scope-information>

```

Description

<multicast-scope-policy-interfaces>

Usage

```
<multicast-scope-information>
  <multicast-scope-policy-interfaces>
    <instance-name>
      instance-name
    </instance-name>
    <address-family>
      address-family
    </address-family>
    <multicast-scope-policy-interface>....</multicast-scope-policy-interface>
  </multicast-scope-policy-interfaces>
</multicast-scope-information>
```

Description

<multicast-session>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-announcement>
      session-announcement
    </session-announcement>
    <session-name>
      session-name
    </session-name>
    <session-version>
      session-version
    </session-version>
    <session-origin>....</session-origin>
    <upstream-protocol>
      upstream-protocol
    </upstream-protocol>
    <session-description>
      session-description
    </session-description>
    <session-uri>
      session-uri
    </session-uri>
    <session-email>
      session-email
    </session-email>
    <session-phone>
      session-phone
    </session-phone>
    <session-connection-data>....</session-connection-data>
    <session-bandwidth>
      session-bandwidth
    </session-bandwidth>
    <session-start-time>
      session-start-time
    </session-start-time>
    <session-stop-time>
```

```

        session-stop-time
      </session-stop-time>
      <session-encryption-key>
        session-encryption-key
      </session-encryption-key>
      <session-attribute>
        session-attribute
      </session-attribute>
      <session-media>
        session-media
      </session-media>
    </multicast-session>
  </multicast-sessions-information>

```

Description

<multicast-sessions-information>

Usage

```

<multicast-sessions-information>
  <multicast-session>....</multicast-session>
  <multicast-session-count>
    multicast-session-count
  </multicast-session-count>
  <multicast-sessions-type>
    multicast-sessions-type
  </multicast-sessions-type>
</multicast-sessions-information>

```

Description

<multicast-source>

Usage

```

<multicast-usage-information>
  <multicast-source>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <multicast-source-prefix-length>
      multicast-source-prefix-length
    </multicast-source-prefix-length>
    <multicast-group-count>
      multicast-group-count
    </multicast-group-count>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
  </multicast-source>
</multicast-usage-information>

```

```
<multicast-byte-count-not-available>
  multicast-byte-count-not-available
</multicast-byte-count-not-available>
<multicast-source-group>....</multicast-source-group>
</multicast-source>
</multicast-usage-information>
```

Description

<multicast-source-group>

Usage

```
<multicast-usage-information>
<multicast-source>
  <multicast-source-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
    <multicast-byte-count-not-available>
      multicast-byte-count-not-available
    </multicast-byte-count-not-available>
  </multicast-source-group>
</multicast-source>
</multicast-usage-information>
```

Description

<multicast-statistics>

Usage

```
<multicast-statistics-information>
<multicast-statistics>
  <instance-name>
    instance-name
  </instance-name>
  <address-family>
    address-family
  </address-family>
  <mc-stats-interface>....</mc-stats-interface>
  <mc-resolves-no-mc-interface>
    mc-resolves-no-mc-interface
  </mc-resolves-no-mc-interface>
  <mc-global-resolves-no-route>
    mc-global-resolves-no-route
  </mc-global-resolves-no-route>
```

```
<mc-notifies-no-mc-interface>
  mc-notifies-no-mc-interface
</mc-notifies-no-mc-interface>
<mc-notifies-no-route>
  mc-notifies-no-route
</mc-notifies-no-route>
<mc-mismatches-no-mc-interface>
  mc-mismatches-no-mc-interface
</mc-mismatches-no-mc-interface>
<mc-groups-no-mc-interface>
  mc-groups-no-mc-interface
</mc-groups-no-mc-interface>
</multicast-statistics>
</multicast-statistics-information>
```

Description

<multicast-statistics-information>

Usage

```
<multicast-statistics-information>
  <multicast-statistics>....</multicast-statistics>
</multicast-statistics-information>
```

Description

<multicast-tunnel>

Usage

```
<multicast-tunnels-information>
  <multicast-tunnel>
    <interface-name>
      interface-name
    </interface-name>
    <tunnel-local-address>
      tunnel-local-address
    </tunnel-local-address>
    <tunnel-remote-address>
      tunnel-remote-address
    </tunnel-remote-address>
    <tunnel-ttl>
      tunnel-ttl
    </tunnel-ttl>
  </multicast-tunnel>
</multicast-tunnels-information>
```

Description

<multicast-tunnels-information>

Usage

```
<multicast-tunnels-information>
  <multicast-tunnel>....</multicast-tunnel>
```

</multicast-tunnels-information>

Description

<multicast-usage-information>

Usage

```
<multicast-usage-information>
  <multicast-usage-no-group-prefix>
    multicast-usage-no-group-prefix
  </multicast-usage-no-group-prefix>
  <multicast-usage-strange-family>
    multicast-usage-strange-family
  </multicast-usage-strange-family>
  <multicast-usage-timed-out>
    multicast-usage-timed-out
  </multicast-usage-timed-out>
  <multicast-group>....</multicast-group>
  <multicast-source>....</multicast-source>
</multicast-usage-information>
```

Description

<mvpn-instance>

Usage

```
<mvpn-instance>
  <instance-entry>....</instance-entry>
  <instance-entry-summary>....</instance-entry-summary>
</mvpn-instance>
```

Description

<mvpn-instance>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>....</instance-entry>
    <instance-entry-summary>....</instance-entry-summary>
  </mvpn-instance>
</mvpn-instance-information>
```

Description

<mvpn-instance-information>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>....</mvpn-instance>
  <instance>....</instance>
</mvpn-instance-information>
```


Description**<neighbor>****Usage**

```
<instance>
  <neighbor>
    <neighbor-entry>....</neighbor-entry>
  </neighbor>
</instance>
```

Description**<neighbor>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance>
</l2vpn-connection-information>
```

Description**<neighbor>****Usage**

```
<vpls-connection-information>
  <instance>
    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance>
</vpls-connection-information>
```

Description**<neighbor>****Usage**

```
<vpls-statistics-information>
  <instance>
    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance>
</vpls-statistics-information>
```

Description

<neighbor>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<neighbor>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <neighbor>
        <neighbor-entry>....</neighbor-entry>
      </neighbor>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<neighbor>

Usage

```
<neighbor>
  <neighbor-entry>....</neighbor-entry>
</neighbor>
```

Description

<neighbor>

Usage

```
<instance-entry>
  <neighbor>
    <neighbor-entry>....</neighbor-entry>
  </neighbor>
</instance-entry>
```

Description

<neighbor>

Usage

```
<mvpn-instance>
  <instance-entry>
```

```

    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance-entry>
</mvpn-instance>

```

Description

<neighbor>

Usage

```

<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>
      <neighbor>
        <neighbor-entry>....</neighbor-entry>
      </neighbor>
    </instance-entry>
  </mvpn-instance>
</mvpn-instance-information>

```

Description

<neighbor>

Usage

```

<mvpn-instance-information>
  <instance>
    <neighbor>
      <neighbor-entry>....</neighbor-entry>
    </neighbor>
  </instance>
</mvpn-instance-information>

```

Description

<neighbor-entry>

Usage

```

<instance>
  <neighbor>
    <neighbor-entry>
      <neighbor-identifier>
        neighbor-identifier
      </neighbor-identifier>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </neighbor-entry>
  </neighbor>
</instance>

```

Description

<neighbor-entry>

Usage

```
<l2vpn-connection-information>
  <instance>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
      </neighbor-entry>
    </neighbor>
  </instance>
</l2vpn-connection-information>
```

Description

<neighbor-entry>

Usage

```
<vpls-connection-information>
  <instance>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
      </neighbor-entry>
    </neighbor>
  </instance>
</vpls-connection-information>
```

Description

<neighbor-entry>

Usage

```
<vpls-statistics-information>
  <instance>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
```

```

    </neighbor-entry>
  </neighbor>
</instance>
</vpls-statistics-information>

```

Description

<neighbor-entry>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
      </neighbor-entry>
    </neighbor>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<neighbor-entry>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <neighbor>
        <neighbor-entry>
          <neighbor-identifier>
            neighbor-identifier
          </neighbor-identifier>
          <provider-tunnel-id>
            provider-tunnel-id
          </provider-tunnel-id>
        </neighbor-entry>
      </neighbor>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<neighbor-entry>

Usage

```

<neighbor-entry>
  <neighbor-identifier>

```

```
    neighbor-identifier
  </neighbor-identifier>
  <provider-tunnel-id>
    provider-tunnel-id
  </provider-tunnel-id>
</neighbor-entry>
```

Description

<neighbor-entry>

Usage

```
<neighbor>
  <neighbor-entry>
    <neighbor-identifier>
      neighbor-identifier
    </neighbor-identifier>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
  </neighbor-entry>
</neighbor>
```

Description

<neighbor-entry>

Usage

```
<instance-entry>
  <neighbor>
    <neighbor-entry>
      <neighbor-identifier>
        neighbor-identifier
      </neighbor-identifier>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </neighbor-entry>
  </neighbor>
</instance-entry>
```

Description

<neighbor-entry>

Usage

```
<mvpn-instance>
  <instance-entry>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
```

```

        provider-tunnel-id
      </provider-tunnel-id>
    </neighbor-entry>
  </neighbor>
</instance-entry>
</mvpn-instance>

```

Description

<neighbor-entry>

Usage

```

<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry>
      <neighbor>
        <neighbor-entry>
          <neighbor-identifier>
            neighbor-identifier
          </neighbor-identifier>
          <provider-tunnel-id>
            provider-tunnel-id
          </provider-tunnel-id>
        </neighbor-entry>
      </neighbor>
    </instance-entry>
  </mvpn-instance>
</mvpn-instance-information>

```

Description

<neighbor-entry>

Usage

```

<mvpn-instance-information>
  <instance>
    <neighbor>
      <neighbor-entry>
        <neighbor-identifier>
          neighbor-identifier
        </neighbor-identifier>
        <provider-tunnel-id>
          provider-tunnel-id
        </provider-tunnel-id>
      </neighbor-entry>
    </neighbor>
  </instance>
</mvpn-instance-information>

```

Description

<neighbor-summary>

Usage

```
<neighbor-summary>
  <neighbor-summary-count>
    neighbor-summary-count
  </neighbor-summary-count>
</neighbor-summary>
```

Description

<neighbor-summary>

Usage

```
<instance-entry-summary>
  <neighbor-summary>
    <neighbor-summary-count>
      neighbor-summary-count
    </neighbor-summary-count>
  </neighbor-summary>
</instance-entry-summary>
```

Description

<neighbor-summary>

Usage

```
<mvpn-instance>
  <instance-entry-summary>
    <neighbor-summary>
      <neighbor-summary-count>
        neighbor-summary-count
      </neighbor-summary-count>
    </neighbor-summary>
  </instance-entry-summary>
</mvpn-instance>
```

Description

<neighbor-summary>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
    <instance-entry-summary>
      <neighbor-summary>
        <neighbor-summary-count>
          neighbor-summary-count
        </neighbor-summary-count>
      </neighbor-summary>
    </instance-entry-summary>
  </mvpn-instance>
```



```
</mvpn-instance-information>
```

Description

<next-hop-address>

Usage

```
<ospf-next-hop>
  <next-hop-address>
    <interface-address>
      interface-address
    </interface-address>
  <lsp-name>
    lsp-name
  </lsp-name>
</next-hop-address>
</ospf-next-hop>
```

Description

<next-hop-address>

Usage

```
<ospf-route>
  <ospf-route-entry>
    <ospf-next-hop>
      <next-hop-address>
        <interface-address>
          interface-address
        </interface-address>
      <lsp-name>
        lsp-name
      </lsp-name>
    </next-hop-address>
  </ospf-next-hop>
</ospf-route-entry>
</ospf-route>
```

Description

<next-hop-address>

Usage

```
<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>
      <ospf-next-hop>
        <next-hop-address>
          <interface-address>
            interface-address
          </interface-address>
        <lsp-name>
          lsp-name
        </lsp-name>
```

```
</next-hop-address>
</ospf-next-hop>
</ospf-route-entry>
</ospf-route>
</ospf-topology-route-table>
```

Description

<next-hop-address>

Usage

```
<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-route>
      <ospf-route-entry>
        <ospf-next-hop>
          <next-hop-address>
            <interface-address>
              interface-address
            </interface-address>
            <lsp-name>
              lsp-name
            </lsp-name>
          </next-hop-address>
        </ospf-next-hop>
      </ospf-route-entry>
    </ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>
```

Description

<next-hop-address>

Usage

```
<ospf-backup-spf-node>
  <ospf-next-hop>
    <next-hop-address>
      <interface-address>
        interface-address
      </interface-address>
      <lsp-name>
        lsp-name
      </lsp-name>
    </next-hop-address>
  </ospf-next-hop>
</ospf-backup-spf-node>
```

Description

<next-hop-address>

Usage

```
<ospf-topology-area-backup-spf>
```

```

<ospf-backup-spf-node>
  <ospf-next-hop>
    <next-hop-address>
      <interface-address>
        interface-address
      </interface-address>
    <lsp-name>
      lsp-name
    </lsp-name>
  </next-hop-address>
</ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>

```

Description

<next-hop-address>

Usage

```

<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-next-hop>
        <next-hop-address>
          <interface-address>
            interface-address
          </interface-address>
        <lsp-name>
          lsp-name
        </lsp-name>
      </next-hop-address>
    </ospf-next-hop>
  </ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>

```

Description

<next-hop-address>

Usage

```

<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-next-hop>
          <next-hop-address>
            <interface-address>
              interface-address
            </interface-address>
          <lsp-name>
            lsp-name
          </lsp-name>
        </next-hop-address>

```

```
</ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description

<next-hop-address>

Usage

```
<ospf3-route>
  <ospf3-route-entry>
    <ospf-next-hop>
      <next-hop-address>
        <interface-address>
          interface-address
        </interface-address>
        <lsp-name>
          lsp-name
        </lsp-name>
      </next-hop-address>
    </ospf-next-hop>
  </ospf3-route-entry>
</ospf3-route>
```

Description

<next-hop-address>

Usage

```
<ospf3-route-information>
  <ospf3-route>
    <ospf3-route-entry>
      <ospf-next-hop>
        <next-hop-address>
          <interface-address>
            interface-address
          </interface-address>
          <lsp-name>
            lsp-name
          </lsp-name>
        </next-hop-address>
      </ospf-next-hop>
    </ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>
```

Description

<next-hop-address>

Usage

```
<ospf3-backup-spf-node>
```

```

<ospf-next-hop>
  <next-hop-address>
    <interface-address>
      interface-address
    </interface-address>
    <lsp-name>
      lsp-name
    </lsp-name>
  </next-hop-address>
</ospf-next-hop>
</ospf3-backup-spf-node>

```

Description

<next-hop-address>

Usage

```

<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-next-hop>
      <next-hop-address>
        <interface-address>
          interface-address
        </interface-address>
        <lsp-name>
          lsp-name
        </lsp-name>
      </next-hop-address>
    </ospf-next-hop>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>

```

Description

<next-hop-address>

Usage

```

<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-next-hop>
        <next-hop-address>
          <interface-address>
            interface-address
          </interface-address>
          <lsp-name>
            lsp-name
          </lsp-name>
        </next-hop-address>
      </ospf-next-hop>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>

```

Description**<next-hop-address>****Usage**

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf-next-hop>
          <next-hop-address>
            <interface-address>
              interface-address
            </interface-address>
          <lsp-name>
            lsp-name
          </lsp-name>
        </next-hop-address>
      </ospf-next-hop>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description**<next-hop-downstream-interface>****Usage**

```
<multicast-next-hops-information>
  <next-hops-family>
    <iflist-next-hop>
      <next-hop-downstream-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-index>
          interface-index
        </interface-index>
        <interface-nh-index>
          interface-nh-index
        </interface-nh-index>
      </next-hop-downstream-interface>
    </iflist-next-hop>
  </next-hops-family>
</multicast-next-hops-information>
```

Description**<next-hop-element>****Usage**

```
<next-hop-element>
  <interface-name>
    interface-name
```

```

</interface-name>
<isis-next-hop-type>
  isis-next-hop-type
</isis-next-hop-type>
<isis-next-hop>
  isis-next-hop
</isis-next-hop>
<snpa>
  snpa
</snpa>
</next-hop-element>

```

Description

<next-hop-element>

Usage

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-result>
        <next-hop-element>
          <interface-name>
            interface-name
          </interface-name>
          <isis-next-hop-type>
            isis-next-hop-type
          </isis-next-hop-type>
          <isis-next-hop>
            isis-next-hop
          </isis-next-hop>
          <snpa>
            snpa
          </snpa>
        </next-hop-element>
      </isis-spf-result>
    </isis-spf>
  </isis-spf-information>
</isis-overview>

```

Description

<next-hop-element>

Usage

```

<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-backup-spf-result>
        <next-hop-element>
          <interface-name>
            interface-name
          </interface-name>
          <isis-next-hop-type>

```

```
        isis-next-hop-type
      </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
  </next-hop-element>
</isis-backup-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
```

Description

<next-hop-element>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-spf-result>
          <next-hop-element>
            <interface-name>
              interface-name
            </interface-name>
            <isis-next-hop-type>
              isis-next-hop-type
            </isis-next-hop-type>
            <isis-next-hop>
              isis-next-hop
            </isis-next-hop>
            <snpa>
              snpa
            </snpa>
          </next-hop-element>
        </isis-spf-result>
      </isis-spf>
    </isis-spf-information>
  </isis-overview>
</isis-overview-information>
```

Description

<next-hop-element>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-backup-spf-result>
```



```

<next-hop-element>
  <interface-name>
    interface-name
  </interface-name>
  <isis-next-hop-type>
    isis-next-hop-type
  </isis-next-hop-type>
  <isis-next-hop>
    isis-next-hop
  </isis-next-hop>
  <snpa>
    snpa
  </snpa>
</next-hop-element>
</isis-backup-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>

```

Description

<next-hop-element>

Usage

```

<isis-spf-result>
  <next-hop-element>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type
    </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
  </next-hop-element>
</isis-spf-result>

```

Description

<next-hop-element>

Usage

```

<isis-backup-spf-result>
  <next-hop-element>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type

```

```
</isis-next-hop-type>
<isis-next-hop>
  isis-next-hop
</isis-next-hop>
<snpa>
  snpa
</snpa>
</next-hop-element>
</isis-backup-spf-result>
```

Description

<next-hop-element>

Usage

```
<isis-spf>
<isis-spf-result>
  <next-hop-element>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type
    </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
  </next-hop-element>
</isis-spf-result>
</isis-spf>
```

Description

<next-hop-element>

Usage

```
<isis-spf>
<isis-backup-spf-result>
  <next-hop-element>
    <interface-name>
      interface-name
    </interface-name>
    <isis-next-hop-type>
      isis-next-hop-type
    </isis-next-hop-type>
    <isis-next-hop>
      isis-next-hop
    </isis-next-hop>
    <snpa>
      snpa
    </snpa>
```

```

    </next-hop-element>
  </isis-backup-spf-result>
</isis-spf>

```

Description

<next-hop-element>

Usage

```

<isis-spf-information>
  <isis-spf>
    <isis-spf-result>
      <next-hop-element>
        <interface-name>
          interface-name
        </interface-name>
        <isis-next-hop-type>
          isis-next-hop-type
        </isis-next-hop-type>
        <isis-next-hop>
          isis-next-hop
        </isis-next-hop>
        <snpa>
          snpa
        </snpa>
      </next-hop-element>
    </isis-spf-result>
  </isis-spf>
</isis-spf-information>

```

Description

<next-hop-element>

Usage

```

<isis-spf-information>
  <isis-spf>
    <isis-backup-spf-result>
      <next-hop-element>
        <interface-name>
          interface-name
        </interface-name>
        <isis-next-hop-type>
          isis-next-hop-type
        </isis-next-hop-type>
        <isis-next-hop>
          isis-next-hop
        </isis-next-hop>
        <snpa>
          snpa
        </snpa>
      </next-hop-element>
    </isis-backup-spf-result>
  </isis-spf>

```

```
</isis-spf-information>
```

Description

<next-hop-name>

Usage

```
<ospf-next-hop>
  <next-hop-name>
    <interface-name>
      interface-name
    </interface-name>
    <interface-link-name>
      interface-link-name
    </interface-link-name>
  </next-hop-name>
</ospf-next-hop>
```

Description

<next-hop-name>

Usage

```
<ospf-route>
  <ospf-route-entry>
    <ospf-next-hop>
      <next-hop-name>
        <interface-name>
          interface-name
        </interface-name>
        <interface-link-name>
          interface-link-name
        </interface-link-name>
      </next-hop-name>
    </ospf-next-hop>
  </ospf-route-entry>
</ospf-route>
```

Description

<next-hop-name>

Usage

```
<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>
      <ospf-next-hop>
        <next-hop-name>
          <interface-name>
            interface-name
          </interface-name>
          <interface-link-name>
            interface-link-name
          </interface-link-name>
        </next-hop-name>
      </ospf-next-hop>
    </ospf-route-entry>
  </ospf-route>
</ospf-topology-route-table>
```

```

        </next-hop-name>
      </ospf-next-hop>
    </ospf-route-entry>
  </ospf-route>
</ospf-topology-route-table>

```

Description

<next-hop-name>

Usage

```

<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-route>
      <ospf-route-entry>
        <ospf-next-hop>
          <next-hop-name>
            <interface-name>
              interface-name
            </interface-name>
            <interface-link-name>
              interface-link-name
            </interface-link-name>
          </next-hop-name>
        </ospf-next-hop>
      </ospf-route-entry>
    </ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>

```

Description

<next-hop-name>

Usage

```

<ospf-backup-spf-node>
  <ospf-next-hop>
    <next-hop-name>
      <interface-name>
        interface-name
      </interface-name>
      <interface-link-name>
        interface-link-name
      </interface-link-name>
    </next-hop-name>
  </ospf-next-hop>
</ospf-backup-spf-node>

```

Description

<next-hop-name>

Usage

```

<ospf-topology-area-backup-spf>

```

```
<ospf-backup-spf-node>
  <ospf-next-hop>
    <next-hop-name>
      <interface-name>
        interface-name
      </interface-name>
      <interface-link-name>
        interface-link-name
      </interface-link-name>
    </next-hop-name>
  </ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
```

Description

<next-hop-name>

Usage

```
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-next-hop>
        <next-hop-name>
          <interface-name>
            interface-name
          </interface-name>
          <interface-link-name>
            interface-link-name
          </interface-link-name>
        </next-hop-name>
      </ospf-next-hop>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description

<next-hop-name>

Usage

```
<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-next-hop>
          <next-hop-name>
            <interface-name>
              interface-name
            </interface-name>
            <interface-link-name>
              interface-link-name
            </interface-link-name>
          </next-hop-name>
```

```

    </ospf-next-hop>
  </ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>

```

Description

<next-hop-name>

Usage

```

<ospf3-route>
  <ospf3-route-entry>
    <ospf-next-hop>
      <next-hop-name>
        <interface-name>
          interface-name
        </interface-name>
        <interface-link-name>
          interface-link-name
        </interface-link-name>
      </next-hop-name>
    </ospf-next-hop>
  </ospf3-route-entry>
</ospf3-route>

```

Description

<next-hop-name>

Usage

```

<ospf3-route-information>
  <ospf3-route>
    <ospf3-route-entry>
      <ospf-next-hop>
        <next-hop-name>
          <interface-name>
            interface-name
          </interface-name>
          <interface-link-name>
            interface-link-name
          </interface-link-name>
        </next-hop-name>
      </ospf-next-hop>
    </ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>

```

Description

<next-hop-name>

Usage

```

<ospf3-backup-spf-node>

```

```
<ospf-next-hop>
  <next-hop-name>
    <interface-name>
      interface-name
    </interface-name>
    <interface-link-name>
      interface-link-name
    </interface-link-name>
  </next-hop-name>
</ospf-next-hop>
</ospf3-backup-spf-node>
```

Description

<next-hop-name>

Usage

```
<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-next-hop>
      <next-hop-name>
        <interface-name>
          interface-name
        </interface-name>
        <interface-link-name>
          interface-link-name
        </interface-link-name>
      </next-hop-name>
    </ospf-next-hop>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
```

Description

<next-hop-name>

Usage

```
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-next-hop>
        <next-hop-name>
          <interface-name>
            interface-name
          </interface-name>
          <interface-link-name>
            interface-link-name
          </interface-link-name>
        </next-hop-name>
      </ospf-next-hop>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```


Description

<next-hop-name>

Usage

```

<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf-next-hop>
          <next-hop-name>
            <interface-name>
              interface-name
            </interface-name>
            <interface-link-name>
              interface-link-name
            </interface-link-name>
          </next-hop-name>
        </ospf-next-hop>
      </ospf3-backup-spf-node>
    </ospf3-topology-area-backup-spf>
  </ospf3-topology-backup-spf>
</ospf3-backup-spf-information>

```

Description

<next-hops-family>

Usage

```

<multicast-next-hops-information>
  <next-hops-family>
    <address-family>
      address-family
    </address-family>
    <iflist-next-hop>....</iflist-next-hop>
  </next-hops-family>
</multicast-next-hops-information>

```

Description

<nh>

Usage

```

<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <nh>
          <selected-next-hop>
            selected-next-hop
          </selected-next-hop>
          <ext-int-type>
            ext-int-type
          </ext-int-type>
          <weight>

```

```
    weight
  </weight>
  <balance>
    balance
  </balance>
  <uflags>
    uflags
  </uflags>
  <filter>
    filter
  </filter>
  <via>
    via
  </via>
  <nh-local-interface>
    nh-local-interface
  </nh-local-interface>
  <nh-table-receive>
    nh-table-receive
  </nh-table-receive>
  <nh-table>
    nh-table
  </nh-table>
  <to>
    to
  </to>
  <lsp-name>
    lsp-name
  </lsp-name>
  <mpls-label>
    mpls-label
  </mpls-label>
  <label-ttl-action>
    label-ttl-action
  </label-ttl-action>
  <nh-service>
    nh-service
  </nh-service>
  <nh-service-pkt-dist>
    nh-service-pkt-dist
  </nh-service-pkt-dist>
  <nh-service-app-data>
    nh-service-app-data
  </nh-service-app-data>
  <nh-address>
    nh-address
  </nh-address>
  <nh-index>
    nh-index
  </nh-index>
</nh>
</rt-entry>
</rt>
</route-table>
</route-information>
```

Description Next-hop gateway information

<nh>

Usage

```

<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <protocol-nh>
          <nh>
            <selected-next-hop>
              selected-next-hop
            </selected-next-hop>
            <ext-int-type>
              ext-int-type
            </ext-int-type>
            <weight>
              weight
            </weight>
            <balance>
              balance
            </balance>
            <uflags>
              uflags
            </uflags>
            <filter>
              filter
            </filter>
            <via>
              via
            </via>
            <nh-local-interface>
              nh-local-interface
            </nh-local-interface>
            <nh-table-receive>
              nh-table-receive
            </nh-table-receive>
            <nh-table>
              nh-table
            </nh-table>
            <to>
              to
            </to>
            <lsp-name>
              lsp-name
            </lsp-name>
            <mpls-label>
              mpls-label
            </mpls-label>
            <label-ttl-action>
              label-ttl-action
            </label-ttl-action>
            <nh-service>
              nh-service

```

```
</nh-service>
<nh-service-pkt-dist>
  nh-service-pkt-dist
</nh-service-pkt-dist>
<nh-service-app-data>
  nh-service-app-data
</nh-service-app-data>
<nh-address>
  nh-address
</nh-address>
<nh-index>
  nh-index
</nh-index>
</nh>
</protocol-nh>
</rt-entry>
</rt>
</route-table>
</route-information>
```

Description Next-hop gateway information

<nh>

Usage

```
<route-resolution-information>
<route-resolution-tree>
<node>
  <protocol-nh>
    <nh>
      <selected-next-hop>
        selected-next-hop
      </selected-next-hop>
      <ext-int-type>
        ext-int-type
      </ext-int-type>
      <weight>
        weight
      </weight>
      <balance>
        balance
      </balance>
      <uflags>
        uflags
      </uflags>
      <filter>
        filter
      </filter>
      <via>
        via
      </via>
      <nh-local-interface>
        nh-local-interface
      </nh-local-interface>
```

```

<nh-table-receive>
  nh-table-receive
</nh-table-receive>
<nh-table>
  nh-table
</nh-table>
<to>
  to
</to>
<lsp-name>
  lsp-name
</lsp-name>
<mpls-label>
  mpls-label
</mpls-label>
<label-ttl-action>
  label-ttl-action
</label-ttl-action>
<nh-service>
  nh-service
</nh-service>
<nh-service-pkt-dist>
  nh-service-pkt-dist
</nh-service-pkt-dist>
<nh-service-app-data>
  nh-service-app-data
</nh-service-app-data>
<nh-address>
  nh-address
</nh-address>
<nh-index>
  nh-index
</nh-index>
</nh>
</protocol-nh>
</node>
</route-resolution-tree>
</route-resolution-information>

```

Description Next-hop gateway information

<nh>

Usage

```

<route-summary-information>
<route-table>
<rt>
<rt-entry>
<nh>
<selected-next-hop>
  selected-next-hop
</selected-next-hop>
<ext-int-type>
  ext-int-type

```

```
</ext-int-type>
<weight>
  weight
</weight>
<balance>
  balance
</balance>
<uflags>
  uflags
</uflags>
<filter>
  filter
</filter>
<via>
  via
</via>
<nh-local-interface>
  nh-local-interface
</nh-local-interface>
<nh-table-receive>
  nh-table-receive
</nh-table-receive>
<nh-table>
  nh-table
</nh-table>
<to>
  to
</to>
<lsp-name>
  lsp-name
</lsp-name>
<mpls-label>
  mpls-label
</mpls-label>
<label-ttl-action>
  label-ttl-action
</label-ttl-action>
<nh-service>
  nh-service
</nh-service>
<nh-service-pkt-dist>
  nh-service-pkt-dist
</nh-service-pkt-dist>
<nh-service-app-data>
  nh-service-app-data
</nh-service-app-data>
<nh-address>
  nh-address
</nh-address>
<nh-index>
  nh-index
</nh-index>
</nh>
</rt-entry>
</rt>
</route-table>
```

```
</route-summary-information>
```

Description Next-hop gateway information

<nh>

Usage

```
<route-summary-information>
<route-table>
  <rt>
    <rt-entry>
      <protocol-nh>
        <nh>
          <selected-next-hop>
            selected-next-hop
          </selected-next-hop>
          <ext-int-type>
            ext-int-type
          </ext-int-type>
          <weight>
            weight
          </weight>
          <balance>
            balance
          </balance>
          <uflags>
            uflags
          </uflags>
          <filter>
            filter
          </filter>
          <via>
            via
          </via>
          <nh-local-interface>
            nh-local-interface
          </nh-local-interface>
          <nh-table-receive>
            nh-table-receive
          </nh-table-receive>
          <nh-table>
            nh-table
          </nh-table>
          <to>
            to
          </to>
          <lsp-name>
            lsp-name
          </lsp-name>
          <mpls-label>
            mpls-label
          </mpls-label>
          <label-ttl-action>
            label-ttl-action
```

```
</label-ttl-action>
<nh-service>
  nh-service
</nh-service>
<nh-service-pkt-dist>
  nh-service-pkt-dist
</nh-service-pkt-dist>
<nh-service-app-data>
  nh-service-app-data
</nh-service-app-data>
<nh-address>
  nh-address
</nh-address>
<nh-index>
  nh-index
</nh-index>
</nh>
</protocol-nh>
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description Next-hop gateway information

<nlri-flags>

Usage

```
<bgp-option-information>
<nlri-information>
  <nlri-flags>
    <bgp-nlri-flag-explicit-null-for-all-routes>
      bgp-nlri-flag-explicit-null-for-all-routes
    </bgp-nlri-flag-explicit-null-for-all-routes>
    <bgp-nlri-flag-explicit-null-for-connected-routes>
      bgp-nlri-flag-explicit-null-for-connected-routes
    </bgp-nlri-flag-explicit-null-for-connected-routes>
    <bgp-nlri-flag-aggregate-label>
      bgp-nlri-flag-aggregate-label
    </bgp-nlri-flag-aggregate-label>
    <bgp-nlri-flag-per-prefix-label>
      bgp-nlri-flag-per-prefix-label
    </bgp-nlri-flag-per-prefix-label>
    <bgp-nlri-flag-per-group-label>
      bgp-nlri-flag-per-group-label
    </bgp-nlri-flag-per-group-label>
    <bgp-nlri-flag-traffic-stats>
      bgp-nlri-flag-traffic-stats
    </bgp-nlri-flag-traffic-stats>
    <bgp-nlri-flag-l2vpn-status-vector>
      bgp-nlri-flag-l2vpn-status-vector
    </bgp-nlri-flag-l2vpn-status-vector>
    <bgp-nlri-flag-no-l2vpn-status-vector>
      bgp-nlri-flag-no-l2vpn-status-vector
```



```

        </bgp-nlri-flag-no-l2vpn-status-vector>
    </nlri-flags>
</nlri-information>
</bgp-option-information>

```

Description

<nlri-flags>

Usage

```

<bgp-peer>
  <bgp-option-information>
    <nlri-information>
      <nlri-flags>
        <bgp-nlri-flag-explicit-null-for-all-routes>
          bgp-nlri-flag-explicit-null-for-all-routes
        </bgp-nlri-flag-explicit-null-for-all-routes>
        <bgp-nlri-flag-explicit-null-for-connected-routes>
          bgp-nlri-flag-explicit-null-for-connected-routes
        </bgp-nlri-flag-explicit-null-for-connected-routes>
        <bgp-nlri-flag-aggregate-label>
          bgp-nlri-flag-aggregate-label
        </bgp-nlri-flag-aggregate-label>
        <bgp-nlri-flag-per-prefix-label>
          bgp-nlri-flag-per-prefix-label
        </bgp-nlri-flag-per-prefix-label>
        <bgp-nlri-flag-per-group-label>
          bgp-nlri-flag-per-group-label
        </bgp-nlri-flag-per-group-label>
        <bgp-nlri-flag-traffic-stats>
          bgp-nlri-flag-traffic-stats
        </bgp-nlri-flag-traffic-stats>
        <bgp-nlri-flag-l2vpn-status-vector>
          bgp-nlri-flag-l2vpn-status-vector
        </bgp-nlri-flag-l2vpn-status-vector>
        <bgp-nlri-flag-no-l2vpn-status-vector>
          bgp-nlri-flag-no-l2vpn-status-vector
        </bgp-nlri-flag-no-l2vpn-status-vector>
      </nlri-flags>
    </nlri-information>
  </bgp-option-information>
</bgp-peer>

```

Description

<nlri-flags>

Usage

```

<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-flags>
          <bgp-nlri-flag-explicit-null-for-all-routes>

```

```

    bgp-nlri-flag-explicit-null-for-all-routes
  </bgp-nlri-flag-explicit-null-for-all-routes>
  <bgp-nlri-flag-explicit-null-for-connected-routes>
    bgp-nlri-flag-explicit-null-for-connected-routes
  </bgp-nlri-flag-explicit-null-for-connected-routes>
  <bgp-nlri-flag-aggregate-label>
    bgp-nlri-flag-aggregate-label
  </bgp-nlri-flag-aggregate-label>
  <bgp-nlri-flag-per-prefix-label>
    bgp-nlri-flag-per-prefix-label
  </bgp-nlri-flag-per-prefix-label>
  <bgp-nlri-flag-per-group-label>
    bgp-nlri-flag-per-group-label
  </bgp-nlri-flag-per-group-label>
  <bgp-nlri-flag-traffic-stats>
    bgp-nlri-flag-traffic-stats
  </bgp-nlri-flag-traffic-stats>
  <bgp-nlri-flag-l2vpn-status-vector>
    bgp-nlri-flag-l2vpn-status-vector
  </bgp-nlri-flag-l2vpn-status-vector>
  <bgp-nlri-flag-no-l2vpn-status-vector>
    bgp-nlri-flag-no-l2vpn-status-vector
  </bgp-nlri-flag-no-l2vpn-status-vector>
</nlri-flags>
</nlri-information>
</bgp-option-information>
</bgp-peer>
</bgp-group>

```

Description

<nlri-flags>

Usage

```

<bgp-group>
  <bgp-option-information>
    <nlri-information>
      <nlri-flags>
        <bgp-nlri-flag-explicit-null-for-all-routes>
          bgp-nlri-flag-explicit-null-for-all-routes
        </bgp-nlri-flag-explicit-null-for-all-routes>
        <bgp-nlri-flag-explicit-null-for-connected-routes>
          bgp-nlri-flag-explicit-null-for-connected-routes
        </bgp-nlri-flag-explicit-null-for-connected-routes>
        <bgp-nlri-flag-aggregate-label>
          bgp-nlri-flag-aggregate-label
        </bgp-nlri-flag-aggregate-label>
        <bgp-nlri-flag-per-prefix-label>
          bgp-nlri-flag-per-prefix-label
        </bgp-nlri-flag-per-prefix-label>
        <bgp-nlri-flag-per-group-label>
          bgp-nlri-flag-per-group-label
        </bgp-nlri-flag-per-group-label>
        <bgp-nlri-flag-traffic-stats>
          bgp-nlri-flag-traffic-stats

```

```

    </bgp-nlri-flag-traffic-stats>
    <bgp-nlri-flag-l2vpn-status-vector>
      bgp-nlri-flag-l2vpn-status-vector
    </bgp-nlri-flag-l2vpn-status-vector>
    <bgp-nlri-flag-no-l2vpn-status-vector>
      bgp-nlri-flag-no-l2vpn-status-vector
    </bgp-nlri-flag-no-l2vpn-status-vector>
  </nlri-flags>
</nlri-information>
</bgp-option-information>
</bgp-group>

```

Description

<nlri-flags>

Usage

```

<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-flags>
          <bgp-nlri-flag-explicit-null-for-all-routes>
            bgp-nlri-flag-explicit-null-for-all-routes
          </bgp-nlri-flag-explicit-null-for-all-routes>
          <bgp-nlri-flag-explicit-null-for-connected-routes>
            bgp-nlri-flag-explicit-null-for-connected-routes
          </bgp-nlri-flag-explicit-null-for-connected-routes>
          <bgp-nlri-flag-aggregate-label>
            bgp-nlri-flag-aggregate-label
          </bgp-nlri-flag-aggregate-label>
          <bgp-nlri-flag-per-prefix-label>
            bgp-nlri-flag-per-prefix-label
          </bgp-nlri-flag-per-prefix-label>
          <bgp-nlri-flag-per-group-label>
            bgp-nlri-flag-per-group-label
          </bgp-nlri-flag-per-group-label>
          <bgp-nlri-flag-traffic-stats>
            bgp-nlri-flag-traffic-stats
          </bgp-nlri-flag-traffic-stats>
          <bgp-nlri-flag-l2vpn-status-vector>
            bgp-nlri-flag-l2vpn-status-vector
          </bgp-nlri-flag-l2vpn-status-vector>
          <bgp-nlri-flag-no-l2vpn-status-vector>
            bgp-nlri-flag-no-l2vpn-status-vector
          </bgp-nlri-flag-no-l2vpn-status-vector>
        </nlri-flags>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-information>

```

Description

<nlri-flags>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-flags>
          <bgp-nlri-flag-explicit-null-for-all-routes>
            bgp-nlri-flag-explicit-null-for-all-routes
          </bgp-nlri-flag-explicit-null-for-all-routes>
          <bgp-nlri-flag-explicit-null-for-connected-routes>
            bgp-nlri-flag-explicit-null-for-connected-routes
          </bgp-nlri-flag-explicit-null-for-connected-routes>
          <bgp-nlri-flag-aggregate-label>
            bgp-nlri-flag-aggregate-label
          </bgp-nlri-flag-aggregate-label>
          <bgp-nlri-flag-per-prefix-label>
            bgp-nlri-flag-per-prefix-label
          </bgp-nlri-flag-per-prefix-label>
          <bgp-nlri-flag-per-group-label>
            bgp-nlri-flag-per-group-label
          </bgp-nlri-flag-per-group-label>
          <bgp-nlri-flag-traffic-stats>
            bgp-nlri-flag-traffic-stats
          </bgp-nlri-flag-traffic-stats>
          <bgp-nlri-flag-l2vpn-status-vector>
            bgp-nlri-flag-l2vpn-status-vector
          </bgp-nlri-flag-l2vpn-status-vector>
          <bgp-nlri-flag-no-l2vpn-status-vector>
            bgp-nlri-flag-no-l2vpn-status-vector
          </bgp-nlri-flag-no-l2vpn-status-vector>
        </nlri-flags>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<nlri-flags>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-option-information>
    <nlri-information>
      <nlri-flags>
        <bgp-nlri-flag-explicit-null-for-all-routes>
          bgp-nlri-flag-explicit-null-for-all-routes
        </bgp-nlri-flag-explicit-null-for-all-routes>
        <bgp-nlri-flag-explicit-null-for-connected-routes>
          bgp-nlri-flag-explicit-null-for-connected-routes
```

```

</bgp-nlri-flag-explicit-null-for-connected-routes>
<bgp-nlri-flag-aggregate-label>
  bgp-nlri-flag-aggregate-label
</bgp-nlri-flag-aggregate-label>
<bgp-nlri-flag-per-prefix-label>
  bgp-nlri-flag-per-prefix-label
</bgp-nlri-flag-per-prefix-label>
<bgp-nlri-flag-per-group-label>
  bgp-nlri-flag-per-group-label
</bgp-nlri-flag-per-group-label>
<bgp-nlri-flag-traffic-stats>
  bgp-nlri-flag-traffic-stats
</bgp-nlri-flag-traffic-stats>
<bgp-nlri-flag-l2vpn-status-vector>
  bgp-nlri-flag-l2vpn-status-vector
</bgp-nlri-flag-l2vpn-status-vector>
<bgp-nlri-flag-no-l2vpn-status-vector>
  bgp-nlri-flag-no-l2vpn-status-vector
</bgp-nlri-flag-no-l2vpn-status-vector>
</nlri-flags>
</nlri-information>
</bgp-option-information>
</bgp-group>
</bgp-group-information>

```

Description

<nlri-flags>

Usage

```

<bgp-group-information>
<bgp-information>
<bgp-peer>
<bgp-option-information>
<nlri-information>
  <nlri-flags>
    <bgp-nlri-flag-explicit-null-for-all-routes>
      bgp-nlri-flag-explicit-null-for-all-routes
    </bgp-nlri-flag-explicit-null-for-all-routes>
    <bgp-nlri-flag-explicit-null-for-connected-routes>
      bgp-nlri-flag-explicit-null-for-connected-routes
    </bgp-nlri-flag-explicit-null-for-connected-routes>
    <bgp-nlri-flag-aggregate-label>
      bgp-nlri-flag-aggregate-label
    </bgp-nlri-flag-aggregate-label>
    <bgp-nlri-flag-per-prefix-label>
      bgp-nlri-flag-per-prefix-label
    </bgp-nlri-flag-per-prefix-label>
    <bgp-nlri-flag-per-group-label>
      bgp-nlri-flag-per-group-label
    </bgp-nlri-flag-per-group-label>
    <bgp-nlri-flag-traffic-stats>
      bgp-nlri-flag-traffic-stats
    </bgp-nlri-flag-traffic-stats>
    <bgp-nlri-flag-l2vpn-status-vector>

```

```
        bgp-nlri-flag-l2vpn-status-vector
      </bgp-nlri-flag-l2vpn-status-vector>
      <bgp-nlri-flag-no-l2vpn-status-vector>
        bgp-nlri-flag-no-l2vpn-status-vector
      </bgp-nlri-flag-no-l2vpn-status-vector>
    </nlri-flags>
  </nlri-information>
</bgp-option-information>
</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description

<nlri-information>

Usage

```
<bgp-option-information>
  <nlri-information>
    <nlri-type>
      nlri-type
    </nlri-type>
    <nlri-flags>....</nlri-flags>
    <nlri-traffic-stats>....</nlri-traffic-stats>
    <nlri-flow-novalidate>
      nlri-flow-novalidate
    </nlri-flow-novalidate>
  </nlri-information>
</bgp-option-information>
```

Description

<nlri-information>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <nlri-information>
      <nlri-type>
        nlri-type
      </nlri-type>
      <nlri-flags>....</nlri-flags>
      <nlri-traffic-stats>....</nlri-traffic-stats>
      <nlri-flow-novalidate>
        nlri-flow-novalidate
      </nlri-flow-novalidate>
    </nlri-information>
  </bgp-option-information>
</bgp-peer>
```

Description

<nlri-information>**Usage**

```

<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-type>
          nlri-type
        </nlri-type>
        <nlri-flags>....</nlri-flags>
        <nlri-traffic-stats>....</nlri-traffic-stats>
        <nlri-flow-novalidate>
          nlri-flow-novalidate
        </nlri-flow-novalidate>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>

```

Description**<nlri-information>****Usage**

```

<bgp-group>
  <bgp-option-information>
    <nlri-information>
      <nlri-type>
        nlri-type
      </nlri-type>
      <nlri-flags>....</nlri-flags>
      <nlri-traffic-stats>....</nlri-traffic-stats>
      <nlri-flow-novalidate>
        nlri-flow-novalidate
      </nlri-flow-novalidate>
    </nlri-information>
  </bgp-option-information>
</bgp-group>

```

Description**<nlri-information>****Usage**

```

<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-type>
          nlri-type
        </nlri-type>
        <nlri-flags>....</nlri-flags>
        <nlri-traffic-stats>....</nlri-traffic-stats>

```

```
<nlri-flow-novalidate>
  nlri-flow-novalidate
</nlri-flow-novalidate>
</nlri-information>
</bgp-option-information>
</bgp-peer>
</bgp-information>
```

Description

<nlri-information>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-type>
          nlri-type
        </nlri-type>
        <nlri-flags>....</nlri-flags>
        <nlri-traffic-stats>....</nlri-traffic-stats>
        <nlri-flow-novalidate>
          nlri-flow-novalidate
        </nlri-flow-novalidate>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<nlri-information>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-option-information>
    <nlri-information>
      <nlri-type>
        nlri-type
      </nlri-type>
      <nlri-flags>....</nlri-flags>
      <nlri-traffic-stats>....</nlri-traffic-stats>
      <nlri-flow-novalidate>
        nlri-flow-novalidate
      </nlri-flow-novalidate>
    </nlri-information>
  </bgp-option-information>
</bgp-group>
</bgp-group-information>
```


Description**<nlri-information>****Usage**

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <nlri-information>
          <nlri-type>
            nlri-type
          </nlri-type>
          <nlri-flags>....</nlri-flags>
          <nlri-traffic-stats>....</nlri-traffic-stats>
          <nlri-flow-novalidate>
            nlri-flow-novalidate
          </nlri-flow-novalidate>
        </nlri-information>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>

```

Description**<nlri-traffic-stats>****Usage**

```

<bgp-option-information>
  <nlri-information>
    <nlri-traffic-stats>
      <tracing-information>....</tracing-information>
      <traffic-stats-interval>
        traffic-stats-interval
      </traffic-stats-interval>
    </nlri-traffic-stats>
  </nlri-information>
</bgp-option-information>

```

Description**<nlri-traffic-stats>****Usage**

```

<bgp-peer>
  <bgp-option-information>
    <nlri-information>
      <nlri-traffic-stats>
        <tracing-information>....</tracing-information>
        <traffic-stats-interval>
          traffic-stats-interval
        </traffic-stats-interval>
      </nlri-traffic-stats>
    </nlri-information>
  </bgp-option-information>
</bgp-peer>

```

```
</bgp-option-information>
</bgp-peer>
```

Description

<nlri-traffic-stats>

Usage

```
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>....</tracing-information>
          <traffic-stats-interval>
            traffic-stats-interval
          </traffic-stats-interval>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
```

Description

<nlri-traffic-stats>

Usage

```
<bgp-group>
  <bgp-option-information>
    <nlri-information>
      <nlri-traffic-stats>
        <tracing-information>....</tracing-information>
        <traffic-stats-interval>
          traffic-stats-interval
        </traffic-stats-interval>
      </nlri-traffic-stats>
    </nlri-information>
  </bgp-option-information>
</bgp-group>
```

Description

<nlri-traffic-stats>

Usage

```
<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>....</tracing-information>
          <traffic-stats-interval>
            traffic-stats-interval
          </traffic-stats-interval>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-information>
```

```

        </traffic-stats-interval>
      </nlri-traffic-stats>
    </nlri-information>
  </bgp-option-information>
</bgp-peer>
</bgp-information>

```

Description

<nlri-traffic-stats>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <bgp-option-information>
        <nlri-information>
          <nlri-traffic-stats>
            <tracing-information>....</tracing-information>
            <traffic-stats-interval>
              traffic-stats-interval
            </traffic-stats-interval>
          </nlri-traffic-stats>
        </nlri-information>
      </bgp-option-information>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>

```

Description

<nlri-traffic-stats>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>....</tracing-information>
          <traffic-stats-interval>
            traffic-stats-interval
          </traffic-stats-interval>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-group>
</bgp-group-information>

```

Description

<nlri-traffic-stats>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <nlri-information>
          <nlri-traffic-stats>
            <tracing-information>....</tracing-information>
            <traffic-stats-interval>
              traffic-stats-interval
            </traffic-stats-interval>
          </nlri-traffic-stats>
        </nlri-information>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>
```

Description

<node>

Usage

```
<route-resolution-information>
  <route-resolution-tree>
    <node>
      <node-prefix>
        node-prefix
      </node-prefix>
      <node-prefix-length>
        node-prefix-length
      </node-prefix-length>
      <originating-rib>
        originating-rib
      </originating-rib>
      <metric>
        metric
      </metric>
      <node-path-count>
        node-path-count
      </node-path-count>
      <forwarding-nh-count>
        forwarding-nh-count
      </forwarding-nh-count>
      <indirect-nh-count>
        indirect-nh-count
      </indirect-nh-count>
      <composite-nh-count>
        composite-nh-count
      </composite-nh-count>
      <protocol-nh>....</protocol-nh>
    </node>
  </route-resolution-tree>
```

```
</route-resolution-information>
```

Description

<oam-state>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <oam-state>
          <oam-bfd-session-state>
            oam-bfd-session-state
          </oam-bfd-session-state>
          <oam-lsp-ping-state>
            oam-lsp-ping-state
          </oam-lsp-ping-state>
        </oam-state>
      </mpls-lsp-path>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>
```

Description OAM state information

<oam-state>

Usage

```
<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <oam-state>
        <oam-bfd-session-state>
          oam-bfd-session-state
        </oam-bfd-session-state>
        <oam-lsp-ping-state>
          oam-lsp-ping-state
        </oam-lsp-ping-state>
      </oam-state>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>
```

Description OAM state information

<oam-state>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
```

```
<mpls-lsp>
  <mpls-lsp-path>
    <oam-state>
      <oam-bfd-session-state>
        oam-bfd-session-state
      </oam-bfd-session-state>
      <oam-lsp-ping-state>
        oam-lsp-ping-state
      </oam-lsp-ping-state>
    </oam-state>
  </mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description OAM state information

<oam-state>

Usage

```
<mpls-lsp-path>
  <oam-state>
    <oam-bfd-session-state>
      oam-bfd-session-state
    </oam-bfd-session-state>
    <oam-lsp-ping-state>
      oam-lsp-ping-state
    </oam-lsp-ping-state>
  </oam-state>
</mpls-lsp-path>
```

Description OAM state information

<oam-state>

Usage

```
<mpls-lsp>
  <mpls-lsp-path>
    <oam-state>
      <oam-bfd-session-state>
        oam-bfd-session-state
      </oam-bfd-session-state>
      <oam-lsp-ping-state>
        oam-lsp-ping-state
      </oam-lsp-ping-state>
    </oam-state>
  </mpls-lsp-path>
</mpls-lsp>
```

Description OAM state information

<oam-state>**Usage**

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <oam-state>
            <oam-bfd-session-state>
              oam-bfd-session-state
            </oam-bfd-session-state>
            <oam-lsp-ping-state>
              oam-lsp-ping-state
            </oam-lsp-ping-state>
          </oam-state>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description OAM state information

<oam-state>**Usage**

```

<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <oam-state>
          <oam-bfd-session-state>
            oam-bfd-session-state
          </oam-bfd-session-state>
          <oam-lsp-ping-state>
            oam-lsp-ping-state
          </oam-lsp-ping-state>
        </oam-state>
      </mpls-lsp-path>
    </mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description OAM state information

<operational-routing-instance-information>**Usage**

```

<operational-routing-instance-information>
  <instance-name>
    instance-name

```

```
</instance-name>  
</operational-routing-instance-information>
```

Description Operational routing instances that can be passed to netapp commands

<ospf-area-header>

Usage

```
<ospf-area-header>  
  <ospf-area>  
    ospf-area  
  </ospf-area>  
</ospf-area-header>
```

Description

<ospf-area-header>

Usage

```
<ospf-database-information>  
  <ospf-area-header>  
    <ospf-area>  
      ospf-area  
    </ospf-area>  
  </ospf-area-header>  
</ospf-database-information>
```

Description

<ospf-area-overview>

Usage

```
<ospf-overview>  
  <ospf-area-overview>  
    <ospf-area>  
      ospf-area  
    </ospf-area>  
    <ospf-stub-type>  
      ospf-stub-type  
    </ospf-stub-type>  
    <ospf-stub-cost>  
      ospf-stub-cost  
    </ospf-stub-cost>  
    <ospf-virtual-transit>  
      ospf-virtual-transit  
    </ospf-virtual-transit>  
    <authentication-type>  
      authentication-type  
    </authentication-type>  
    <ospf-abr-count>  
      ospf-abr-count  
    </ospf-abr-count>  
    <ospf-asbr-count>
```



```

    ospf-asbr-count
  </ospf-asbr-count>
  <ospf-nbr-overview>....</ospf-nbr-overview>
  <ospf-dna-uncapable>
    ospf-dna-uncapable
  </ospf-dna-uncapable>
  <ospf-area-dc-bit-clear-count>
    ospf-area-dc-bit-clear-count
  </ospf-area-dc-bit-clear-count>
  <ospf-area-indications-count>
    ospf-area-indications-count
  </ospf-area-indications-count>
  <ospf-area-self-indicating>
    ospf-area-self-indicating
  </ospf-area-self-indicating>
  <ospf-link-dc-bit-clear-count>
    ospf-link-dc-bit-clear-count
  </ospf-link-dc-bit-clear-count>
</ospf-area-overview>
</ospf-overview>

```

Description Overview information for an OSPF area

<ospf-area-overview>

Usage

```

<ospf-overview-information>
  <ospf-overview>
    <ospf-area-overview>
      <ospf-area>
        ospf-area
      </ospf-area>
      <ospf-stub-type>
        ospf-stub-type
      </ospf-stub-type>
      <ospf-stub-cost>
        ospf-stub-cost
      </ospf-stub-cost>
      <ospf-virtual-transit>
        ospf-virtual-transit
      </ospf-virtual-transit>
      <authentication-type>
        authentication-type
      </authentication-type>
      <ospf-abr-count>
        ospf-abr-count
      </ospf-abr-count>
      <ospf-asbr-count>
        ospf-asbr-count
      </ospf-asbr-count>
      <ospf-nbr-overview>....</ospf-nbr-overview>
      <ospf-dna-uncapable>
        ospf-dna-uncapable
      </ospf-dna-uncapable>
    </ospf-area-overview>
  </ospf-overview>
</ospf-overview-information>

```

```
<ospf-area-dc-bit-clear-count>
  ospf-area-dc-bit-clear-count
</ospf-area-dc-bit-clear-count>
<ospf-area-indications-count>
  ospf-area-indications-count
</ospf-area-indications-count>
<ospf-area-self-indicating>
  ospf-area-self-indicating
</ospf-area-self-indicating>
<ospf-link-dc-bit-clear-count>
  ospf-link-dc-bit-clear-count
</ospf-link-dc-bit-clear-count>
</ospf-area-overview>
</ospf-overview>
</ospf-overview-information>
```

Description Overview information for an OSPF area

<ospf-area-overview>

Usage

```
<ospf3-overview-information>
<ospf-overview>
  <ospf-area-overview>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-stub-type>
      ospf-stub-type
    </ospf-stub-type>
    <ospf-stub-cost>
      ospf-stub-cost
    </ospf-stub-cost>
    <ospf-virtual-transit>
      ospf-virtual-transit
    </ospf-virtual-transit>
    <authentication-type>
      authentication-type
    </authentication-type>
    <ospf-abr-count>
      ospf-abr-count
    </ospf-abr-count>
    <ospf-asbr-count>
      ospf-asbr-count
    </ospf-asbr-count>
    <ospf-nbr-overview>....</ospf-nbr-overview>
    <ospf-dna-uncapable>
      ospf-dna-uncapable
    </ospf-dna-uncapable>
    <ospf-area-dc-bit-clear-count>
      ospf-area-dc-bit-clear-count
    </ospf-area-dc-bit-clear-count>
    <ospf-area-indications-count>
      ospf-area-indications-count
```

```

</ospf-area-indications-count>
<ospf-area-self-indicating>
  ospf-area-self-indicating
</ospf-area-self-indicating>
<ospf-link-dc-bit-clear-count>
  ospf-link-dc-bit-clear-count
</ospf-link-dc-bit-clear-count>
</ospf-area-overview>
</ospf-overview>
</ospf3-overview-information>

```

Description Overview information for an OSPF area

<ospf-backup-coverage-information>

Usage

```

<ospf-backup-coverage-information>
  <ospf-topology-backup-coverage>....</ospf-topology-backup-coverage>
</ospf-backup-coverage-information>

```

Description OSPF backup coverage information

<ospf-backup-mpls>

Usage

```

<ospf-backup-mpls>
  <lsp-name>
    lsp-name
  </lsp-name>
  <lsp-addr>
    lsp-addr
  </lsp-addr>
  <lsp-status>
    lsp-status
  </lsp-status>
  <metric>
    metric
  </metric>
  <te-metric>
    te-metric
  </te-metric>
  <lsp-last-change>
    lsp-last-change
  </lsp-last-change>
</ospf-backup-mpls>

```

Description

<ospf-backup-mpls>

Usage

```

<ospf-backup-mpls-information>

```

```
<ospf-backup-mplsp>
  <lsp-name>
    lsp-name
  </lsp-name>
  <lsp-addr>
    lsp-addr
  </lsp-addr>
  <lsp-status>
    lsp-status
  </lsp-status>
  <metric>
    metric
  </metric>
  <te-metric>
    te-metric
  </te-metric>
  <lsp-last-change>
    lsp-last-change
  </lsp-last-change>
</ospf-backup-mplsp>
</ospf-backup-mplsp-information>
```

Description**<ospf-backup-mplsp-information>****Usage**

```
<ospf-backup-mplsp-information>
  <ospf-backup-mplsp>....</ospf-backup-mplsp>
</ospf-backup-mplsp-information>
```

Description OSPF backup MPLSP information

<ospf-backup-neighbor-information>**Usage**

```
<ospf-backup-neighbor-information>
  <ospf-topology-backup-neighbor>....</ospf-topology-backup-neighbor>
</ospf-backup-neighbor-information>
```

Description OSPF backup neighbor information

<ospf-backup-neighbor-node>**Usage**

```
<ospf-backup-neighbor-node>
  <ospf-backup-neighbor>
    ospf-backup-neighbor
  </ospf-backup-neighbor>
  <ospf-backup-neighbor-is-lsp-endpoint>
    ospf-backup-neighbor-is-lsp-endpoint
  </ospf-backup-neighbor-is-lsp-endpoint>
```

```

<ospf-backup-neighbor-from-metric>
  ospf-backup-neighbor-from-metric
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-backup-next-hop>....</ospf-backup-next-hop>
</ospf-backup-neighbor-node>

```

Description OSPF backup neighbor node

<ospf-backup-neighbor-node>

Usage

```

<ospf-topology-area-backup-neighbor>
  <ospf-backup-neighbor-node>
    <ospf-backup-neighbor>
      ospf-backup-neighbor
    </ospf-backup-neighbor>
    <ospf-backup-neighbor-is-lsp-endpoint>
      ospf-backup-neighbor-is-lsp-endpoint
    </ospf-backup-neighbor-is-lsp-endpoint>
    <ospf-backup-neighbor-from-metric>
      ospf-backup-neighbor-from-metric
    </ospf-backup-neighbor-from-metric>
    <ospf-backup-neighbor-to-metric>
      ospf-backup-neighbor-to-metric
    </ospf-backup-neighbor-to-metric>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
  </ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>

```

Description OSPF backup neighbor node

<ospf-backup-neighbor-node>

Usage

```

<ospf-topology-backup-neighbor>
  <ospf-topology-area-backup-neighbor>
    <ospf-backup-neighbor-node>
      <ospf-backup-neighbor>
        ospf-backup-neighbor
      </ospf-backup-neighbor>
      <ospf-backup-neighbor-is-lsp-endpoint>
        ospf-backup-neighbor-is-lsp-endpoint
      </ospf-backup-neighbor-is-lsp-endpoint>
      <ospf-backup-neighbor-from-metric>
        ospf-backup-neighbor-from-metric
      </ospf-backup-neighbor-from-metric>
      <ospf-backup-neighbor-to-metric>
        ospf-backup-neighbor-to-metric
      </ospf-backup-neighbor-to-metric>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
    </ospf-backup-neighbor-node>
  </ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>

```

```
</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>
```

Description OSPF backup neighbor node

<ospf-backup-neighbor-node>

Usage

```
<ospf-backup-neighbor-information>
<ospf-topology-backup-neighbor>
<ospf-topology-area-backup-neighbor>
<ospf-backup-neighbor-node>
<ospf-backup-neighbor>
  ospf-backup-neighbor
</ospf-backup-neighbor>
<ospf-backup-neighbor-is-lsp-endpoint>
  ospf-backup-neighbor-is-lsp-endpoint
</ospf-backup-neighbor-is-lsp-endpoint>
<ospf-backup-neighbor-from-metric>
  ospf-backup-neighbor-from-metric
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-backup-next-hop>....</ospf-backup-next-hop>
</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>
</ospf-backup-neighbor-information>
```

Description OSPF backup neighbor node

<ospf-backup-next-hop>

Usage

```
<ospf-backup-next-hop>
<ospf-backup-next-hop-type>
  ospf-backup-next-hop-type
</ospf-backup-next-hop-type>
<ospf-backup-next-hop-interface>
  ospf-backup-next-hop-interface
</ospf-backup-next-hop-interface>
<ospf-backup-next-hop-address>
  ospf-backup-next-hop-address
</ospf-backup-next-hop-address>
<ospf-backup-next-hop-lsp>
  ospf-backup-next-hop-lsp
</ospf-backup-next-hop-lsp>
</ospf-backup-next-hop>
```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-route>
  <ospf-route-entry>
    <ospf-backup-next-hop>
      <ospf-backup-next-hop-type>
        ospf-backup-next-hop-type
      </ospf-backup-next-hop-type>
      <ospf-backup-next-hop-interface>
        ospf-backup-next-hop-interface
      </ospf-backup-next-hop-interface>
      <ospf-backup-next-hop-address>
        ospf-backup-next-hop-address
      </ospf-backup-next-hop-address>
      <ospf-backup-next-hop-lsp>
        ospf-backup-next-hop-lsp
      </ospf-backup-next-hop-lsp>
    </ospf-backup-next-hop>
  </ospf-route-entry>
</ospf-route>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>
      <ospf-backup-next-hop>
        <ospf-backup-next-hop-type>
          ospf-backup-next-hop-type
        </ospf-backup-next-hop-type>
        <ospf-backup-next-hop-interface>
          ospf-backup-next-hop-interface
        </ospf-backup-next-hop-interface>
        <ospf-backup-next-hop-address>
          ospf-backup-next-hop-address
        </ospf-backup-next-hop-address>
        <ospf-backup-next-hop-lsp>
          ospf-backup-next-hop-lsp
        </ospf-backup-next-hop-lsp>
      </ospf-backup-next-hop>
    </ospf-route-entry>
  </ospf-route>
</ospf-topology-route-table>

```

Description

<ospf-backup-next-hop>

Usage

```
<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-route>
      <ospf-route-entry>
        <ospf-backup-next-hop>
          <ospf-backup-next-hop-type>
            ospf-backup-next-hop-type
          </ospf-backup-next-hop-type>
          <ospf-backup-next-hop-interface>
            ospf-backup-next-hop-interface
          </ospf-backup-next-hop-interface>
          <ospf-backup-next-hop-address>
            ospf-backup-next-hop-address
          </ospf-backup-next-hop-address>
          <ospf-backup-next-hop-lsp>
            ospf-backup-next-hop-lsp
          </ospf-backup-next-hop-lsp>
        </ospf-backup-next-hop>
      </ospf-route-entry>
    </ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf-backup-spf-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf-backup-spf-node>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf-topology-area-backup-spf>
```



```

<ospf-backup-spf-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-backup-next-hop>
        <ospf-backup-next-hop-type>
          ospf-backup-next-hop-type
        </ospf-backup-next-hop-type>
        <ospf-backup-next-hop-interface>
          ospf-backup-next-hop-interface
        </ospf-backup-next-hop-interface>
        <ospf-backup-next-hop-address>
          ospf-backup-next-hop-address
        </ospf-backup-next-hop-address>
        <ospf-backup-next-hop-lsp>
          ospf-backup-next-hop-lsp
        </ospf-backup-next-hop-lsp>
      </ospf-backup-next-hop>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-backup-next-hop>

```

```
<ospf-backup-next-hop-type>
  ospf-backup-next-hop-type
</ospf-backup-next-hop-type>
<ospf-backup-next-hop-interface>
  ospf-backup-next-hop-interface
</ospf-backup-next-hop-interface>
<ospf-backup-next-hop-address>
  ospf-backup-next-hop-address
</ospf-backup-next-hop-address>
<ospf-backup-next-hop-lsp>
  ospf-backup-next-hop-lsp
</ospf-backup-next-hop-lsp>
</ospf-backup-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf-backup-neighbor-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf-backup-neighbor-node>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf-topology-area-backup-neighbor>
  <ospf-backup-neighbor-node>
    <ospf-backup-next-hop>
      <ospf-backup-next-hop-type>
        ospf-backup-next-hop-type
      </ospf-backup-next-hop-type>
      <ospf-backup-next-hop-interface>
        ospf-backup-next-hop-interface
      </ospf-backup-next-hop-interface>
```

```

    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-topology-backup-neighbor>
<ospf-topology-area-backup-neighbor>
<ospf-backup-neighbor-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf-backup-neighbor-information>
<ospf-topology-backup-neighbor>
<ospf-topology-area-backup-neighbor>
<ospf-backup-neighbor-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address

```

```
</ospf-backup-next-hop-address>
<ospf-backup-next-hop-lsp>
  ospf-backup-next-hop-lsp
</ospf-backup-next-hop-lsp>
</ospf-backup-next-hop>
</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>
</ospf-backup-neighbor-information>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf3-route>
<ospf3-route-entry>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf3-route-entry>
</ospf3-route>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf3-route-information>
<ospf3-route>
  <ospf3-route-entry>
    <ospf-backup-next-hop>
      <ospf-backup-next-hop-type>
        ospf-backup-next-hop-type
      </ospf-backup-next-hop-type>
      <ospf-backup-next-hop-interface>
        ospf-backup-next-hop-interface
      </ospf-backup-next-hop-interface>
      <ospf-backup-next-hop-address>
        ospf-backup-next-hop-address
      </ospf-backup-next-hop-address>
      <ospf-backup-next-hop-lsp>
        ospf-backup-next-hop-lsp
      </ospf-backup-next-hop-lsp>
    </ospf-backup-next-hop>
  </ospf3-route-entry>
</ospf3-route>
</ospf3-route-information>
```

```

        </ospf-backup-next-hop-lsp>
      </ospf-backup-next-hop>
    </ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf3-backup-spf-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf3-backup-spf-node>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-backup-next-hop>
      <ospf-backup-next-hop-type>
        ospf-backup-next-hop-type
      </ospf-backup-next-hop-type>
      <ospf-backup-next-hop-interface>
        ospf-backup-next-hop-interface
      </ospf-backup-next-hop-interface>
      <ospf-backup-next-hop-address>
        ospf-backup-next-hop-address
      </ospf-backup-next-hop-address>
      <ospf-backup-next-hop-lsp>
        ospf-backup-next-hop-lsp
      </ospf-backup-next-hop-lsp>
    </ospf-backup-next-hop>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>

```

Description

<ospf-backup-next-hop>

Usage

```
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-backup-next-hop>
        <ospf-backup-next-hop-type>
          ospf-backup-next-hop-type
        </ospf-backup-next-hop-type>
        <ospf-backup-next-hop-interface>
          ospf-backup-next-hop-interface
        </ospf-backup-next-hop-interface>
        <ospf-backup-next-hop-address>
          ospf-backup-next-hop-address
        </ospf-backup-next-hop-address>
        <ospf-backup-next-hop-lsp>
          ospf-backup-next-hop-lsp
        </ospf-backup-next-hop-lsp>
      </ospf-backup-next-hop>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf-backup-next-hop>
          <ospf-backup-next-hop-type>
            ospf-backup-next-hop-type
          </ospf-backup-next-hop-type>
          <ospf-backup-next-hop-interface>
            ospf-backup-next-hop-interface
          </ospf-backup-next-hop-interface>
          <ospf-backup-next-hop-address>
            ospf-backup-next-hop-address
          </ospf-backup-next-hop-address>
          <ospf-backup-next-hop-lsp>
            ospf-backup-next-hop-lsp
          </ospf-backup-next-hop-lsp>
        </ospf-backup-next-hop>
      </ospf3-backup-spf-node>
    </ospf3-topology-area-backup-spf>
  </ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description

<ospf-backup-next-hop>

Usage

```

<ospf3-backup-neighbor-node>
  <ospf-backup-next-hop>
    <ospf-backup-next-hop-type>
      ospf-backup-next-hop-type
    </ospf-backup-next-hop-type>
    <ospf-backup-next-hop-interface>
      ospf-backup-next-hop-interface
    </ospf-backup-next-hop-interface>
    <ospf-backup-next-hop-address>
      ospf-backup-next-hop-address
    </ospf-backup-next-hop-address>
    <ospf-backup-next-hop-lsp>
      ospf-backup-next-hop-lsp
    </ospf-backup-next-hop-lsp>
  </ospf-backup-next-hop>
</ospf3-backup-neighbor-node>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf3-topology-area-backup-neighbor>
  <ospf3-backup-neighbor-node>
    <ospf-backup-next-hop>
      <ospf-backup-next-hop-type>
        ospf-backup-next-hop-type
      </ospf-backup-next-hop-type>
      <ospf-backup-next-hop-interface>
        ospf-backup-next-hop-interface
      </ospf-backup-next-hop-interface>
      <ospf-backup-next-hop-address>
        ospf-backup-next-hop-address
      </ospf-backup-next-hop-address>
      <ospf-backup-next-hop-lsp>
        ospf-backup-next-hop-lsp
      </ospf-backup-next-hop-lsp>
    </ospf-backup-next-hop>
  </ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>

```

Description

<ospf-backup-next-hop>

Usage

```

<ospf3-topology-backup-neighbor>
  <ospf3-topology-area-backup-neighbor>
    <ospf3-backup-neighbor-node>
      <ospf-backup-next-hop>
        <ospf-backup-next-hop-type>

```

```
    ospf-backup-next-hop-type
  </ospf-backup-next-hop-type>
  <ospf-backup-next-hop-interface>
    ospf-backup-next-hop-interface
  </ospf-backup-next-hop-interface>
  <ospf-backup-next-hop-address>
    ospf-backup-next-hop-address
  </ospf-backup-next-hop-address>
  <ospf-backup-next-hop-lsp>
    ospf-backup-next-hop-lsp
  </ospf-backup-next-hop-lsp>
</ospf-backup-next-hop>
</ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>
```

Description

<ospf-backup-next-hop>

Usage

```
<ospf3-backup-neighbor-information>
  <ospf3-topology-backup-neighbor>
    <ospf3-topology-area-backup-neighbor>
      <ospf3-backup-neighbor-node>
        <ospf-backup-next-hop>
          <ospf-backup-next-hop-type>
            ospf-backup-next-hop-type
          </ospf-backup-next-hop-type>
          <ospf-backup-next-hop-interface>
            ospf-backup-next-hop-interface
          </ospf-backup-next-hop-interface>
          <ospf-backup-next-hop-address>
            ospf-backup-next-hop-address
          </ospf-backup-next-hop-address>
          <ospf-backup-next-hop-lsp>
            ospf-backup-next-hop-lsp
          </ospf-backup-next-hop-lsp>
        </ospf-backup-next-hop>
      </ospf3-backup-neighbor-node>
    </ospf3-topology-area-backup-neighbor>
  </ospf3-topology-backup-neighbor>
</ospf3-backup-neighbor-information>
```

Description

<ospf-backup-node-coverage>

Usage

```
<ospf-backup-node-coverage>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf-covered-nodes>
```



```

    ospf-covered-nodes
  </ospf-covered-nodes>
  <ospf-total-nodes>
    ospf-total-nodes
  </ospf-total-nodes>
  <ospf-node-coverage>
    ospf-node-coverage
  </ospf-node-coverage>
</ospf-backup-node-coverage>

```

Description

<ospf-backup-node-coverage>

Usage

```

<ospf-topology-backup-coverage>
  <ospf-backup-node-coverage>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-covered-nodes>
      ospf-covered-nodes
    </ospf-covered-nodes>
    <ospf-total-nodes>
      ospf-total-nodes
    </ospf-total-nodes>
    <ospf-node-coverage>
      ospf-node-coverage
    </ospf-node-coverage>
  </ospf-backup-node-coverage>
</ospf-topology-backup-coverage>

```

Description

<ospf-backup-node-coverage>

Usage

```

<ospf-backup-coverage-information>
  <ospf-topology-backup-coverage>
    <ospf-backup-node-coverage>
      <ospf-area>
        ospf-area
      </ospf-area>
      <ospf-covered-nodes>
        ospf-covered-nodes
      </ospf-covered-nodes>
      <ospf-total-nodes>
        ospf-total-nodes
      </ospf-total-nodes>
      <ospf-node-coverage>
        ospf-node-coverage
      </ospf-node-coverage>
    </ospf-backup-node-coverage>
  </ospf-topology-backup-coverage>

```

```
</ospf-backup-coverage-information>
```

Description

<ospf-backup-route-coverage>

Usage

```
<ospf-backup-route-coverage>
  <ospf-path-type>
    ospf-path-type
  </ospf-path-type>
  <ospf-covered-routes>
    ospf-covered-routes
  </ospf-covered-routes>
  <ospf-total-routes>
    ospf-total-routes
  </ospf-total-routes>
  <ospf-route-coverage>
    ospf-route-coverage
  </ospf-route-coverage>
</ospf-backup-route-coverage>
```

Description

<ospf-backup-route-coverage>

Usage

```
<ospf-topology-backup-coverage>
  <ospf-backup-route-coverage>
    <ospf-path-type>
      ospf-path-type
    </ospf-path-type>
    <ospf-covered-routes>
      ospf-covered-routes
    </ospf-covered-routes>
    <ospf-total-routes>
      ospf-total-routes
    </ospf-total-routes>
    <ospf-route-coverage>
      ospf-route-coverage
    </ospf-route-coverage>
  </ospf-backup-route-coverage>
</ospf-topology-backup-coverage>
```

Description

<ospf-backup-route-coverage>

Usage

```
<ospf-backup-coverage-information>
  <ospf-topology-backup-coverage>
    <ospf-backup-route-coverage>
      <ospf-path-type>
        ospf-path-type
      </ospf-path-type>
    </ospf-backup-route-coverage>
  </ospf-topology-backup-coverage>
</ospf-backup-coverage-information>
```

```

</ospf-path-type>
<ospf-covered-routes>
  ospf-covered-routes
</ospf-covered-routes>
<ospf-total-routes>
  ospf-total-routes
</ospf-total-routes>
<ospf-route-coverage>
  ospf-route-coverage
</ospf-route-coverage>
</ospf-backup-route-coverage>
</ospf-topology-backup-coverage>
</ospf-backup-coverage-information>

```

Description**<ospf-backup-spf-information>****Usage**

```

<ospf-backup-spf-information>
  <ospf-topology-backup-spf>....</ospf-topology-backup-spf>
</ospf-backup-spf-information>

```

Description OSPF backup SPF information**<ospf-backup-spf-node>****Usage**

```

<ospf-backup-spf-node>
  <ospf-node-id>....</ospf-node-id>
  <ospf-node-metric>
    ospf-node-metric
  </ospf-node-metric>
  <ospf-parent-node-id>....</ospf-parent-node-id>
  <ospf-next-hop>....</ospf-next-hop>
  <ospf-backup-next-hop>....</ospf-backup-next-hop>
  <ospf-backup-spf-result>....</ospf-backup-spf-result>
</ospf-backup-spf-node>

```

Description OSPF node specific backup SPF information**<ospf-backup-spf-node>****Usage**

```

<ospf-topology-area-backup-spf>
  <ospf-backup-spf-node>
    <ospf-node-id>....</ospf-node-id>
    <ospf-node-metric>
      ospf-node-metric
    </ospf-node-metric>
    <ospf-parent-node-id>....</ospf-parent-node-id>
    <ospf-next-hop>....</ospf-next-hop>
  </ospf-backup-spf-node>

```

```
<ospf-backup-next-hop>....</ospf-backup-next-hop>
<ospf-backup-spf-result>....</ospf-backup-spf-result>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
```

Description OSPF node specific backup SPF information

<ospf-backup-spf-node>

Usage

```
<ospf-topology-backup-spf>
<ospf-topology-area-backup-spf>
  <ospf-backup-spf-node>
    <ospf-node-id>....</ospf-node-id>
    <ospf-node-metric>
      ospf-node-metric
    </ospf-node-metric>
    <ospf-parent-node-id>....</ospf-parent-node-id>
    <ospf-next-hop>....</ospf-next-hop>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
    <ospf-backup-spf-result>....</ospf-backup-spf-result>
  </ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description OSPF node specific backup SPF information

<ospf-backup-spf-node>

Usage

```
<ospf-backup-spf-information>
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-node-id>....</ospf-node-id>
      <ospf-node-metric>
        ospf-node-metric
      </ospf-node-metric>
      <ospf-parent-node-id>....</ospf-parent-node-id>
      <ospf-next-hop>....</ospf-next-hop>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
      <ospf-backup-spf-result>....</ospf-backup-spf-result>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description OSPF node specific backup SPF information

<ospf-backup-spf-result>

Usage

```

<ospf-backup-spf-result>
  <ospf-backup-neighbor>
    ospf-backup-neighbor
  </ospf-backup-neighbor>
  <ospf-backup-preference>
    ospf-backup-preference
  </ospf-backup-preference>
  <ospf-backup-neighbor-is-lsp-endpoint>
    ospf-backup-neighbor-is-lsp-endpoint
  </ospf-backup-neighbor-is-lsp-endpoint>
  <ospf-backup-metric>
    ospf-backup-metric
  </ospf-backup-metric>
  <ospf-backup-neighbor-from-metric>
    ospf-backup-neighbor-from-metric
  </ospf-backup-neighbor-from-metric>
  <ospf-backup-neighbor-to-metric>
    ospf-backup-neighbor-to-metric
  </ospf-backup-neighbor-to-metric>
  <ospf-track-item>
    ospf-track-item
  </ospf-track-item>
  <ospf-backup-result-status>
    ospf-backup-result-status
  </ospf-backup-result-status>
  <ospf-backup-result-no-coverage-reason>
    ospf-backup-result-no-coverage-reason
  </ospf-backup-result-no-coverage-reason>
</ospf-backup-spf-result>

```

Description OSPF backup SPF result

<ospf-backup-spf-result>

Usage

```

<ospf-backup-spf-node>
  <ospf-backup-spf-result>
    <ospf-backup-neighbor>
      ospf-backup-neighbor
    </ospf-backup-neighbor>
    <ospf-backup-preference>
      ospf-backup-preference
    </ospf-backup-preference>
    <ospf-backup-neighbor-is-lsp-endpoint>
      ospf-backup-neighbor-is-lsp-endpoint
    </ospf-backup-neighbor-is-lsp-endpoint>
    <ospf-backup-metric>
      ospf-backup-metric
    </ospf-backup-metric>
    <ospf-backup-neighbor-from-metric>
      ospf-backup-neighbor-from-metric

```

```
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-track-item>
  ospf-track-item
</ospf-track-item>
<ospf-backup-result-status>
  ospf-backup-result-status
</ospf-backup-result-status>
<ospf-backup-result-no-coverage-reason>
  ospf-backup-result-no-coverage-reason
</ospf-backup-result-no-coverage-reason>
</ospf-backup-spf-result>
</ospf-backup-spf-node>
```

Description OSPF backup SPF result

<ospf-backup-spf-result>

Usage

```
<ospf-topology-area-backup-spf>
<ospf-backup-spf-node>
  <ospf-backup-spf-result>
    <ospf-backup-neighbor>
      ospf-backup-neighbor
    </ospf-backup-neighbor>
    <ospf-backup-preference>
      ospf-backup-preference
    </ospf-backup-preference>
    <ospf-backup-neighbor-is-lsp-endpoint>
      ospf-backup-neighbor-is-lsp-endpoint
    </ospf-backup-neighbor-is-lsp-endpoint>
    <ospf-backup-metric>
      ospf-backup-metric
    </ospf-backup-metric>
    <ospf-backup-neighbor-from-metric>
      ospf-backup-neighbor-from-metric
    </ospf-backup-neighbor-from-metric>
    <ospf-backup-neighbor-to-metric>
      ospf-backup-neighbor-to-metric
    </ospf-backup-neighbor-to-metric>
    <ospf-track-item>
      ospf-track-item
    </ospf-track-item>
    <ospf-backup-result-status>
      ospf-backup-result-status
    </ospf-backup-result-status>
    <ospf-backup-result-no-coverage-reason>
      ospf-backup-result-no-coverage-reason
    </ospf-backup-result-no-coverage-reason>
  </ospf-backup-spf-result>
</ospf-backup-spf-node>
```

```
</ospf-topology-area-backup-spf>
```

Description OSPF backup SPF result

<ospf-backup-spf-result>

Usage

```
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-backup-spf-result>
        <ospf-backup-neighbor>
          ospf-backup-neighbor
        </ospf-backup-neighbor>
        <ospf-backup-preference>
          ospf-backup-preference
        </ospf-backup-preference>
        <ospf-backup-neighbor-is-lsp-endpoint>
          ospf-backup-neighbor-is-lsp-endpoint
        </ospf-backup-neighbor-is-lsp-endpoint>
        <ospf-backup-metric>
          ospf-backup-metric
        </ospf-backup-metric>
        <ospf-backup-neighbor-from-metric>
          ospf-backup-neighbor-from-metric
        </ospf-backup-neighbor-from-metric>
        <ospf-backup-neighbor-to-metric>
          ospf-backup-neighbor-to-metric
        </ospf-backup-neighbor-to-metric>
        <ospf-track-item>
          ospf-track-item
        </ospf-track-item>
        <ospf-backup-result-status>
          ospf-backup-result-status
        </ospf-backup-result-status>
        <ospf-backup-result-no-coverage-reason>
          ospf-backup-result-no-coverage-reason
        </ospf-backup-result-no-coverage-reason>
      </ospf-backup-spf-result>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description OSPF backup SPF result

<ospf-backup-spf-result>

Usage

```
<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-backup-spf-result>
```

```
<ospf-backup-neighbor>
  ospf-backup-neighbor
</ospf-backup-neighbor>
<ospf-backup-preference>
  ospf-backup-preference
</ospf-backup-preference>
<ospf-backup-neighbor-is-lsp-endpoint>
  ospf-backup-neighbor-is-lsp-endpoint
</ospf-backup-neighbor-is-lsp-endpoint>
<ospf-backup-metric>
  ospf-backup-metric
</ospf-backup-metric>
<ospf-backup-neighbor-from-metric>
  ospf-backup-neighbor-from-metric
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-track-item>
  ospf-track-item
</ospf-track-item>
<ospf-backup-result-status>
  ospf-backup-result-status
</ospf-backup-result-status>
<ospf-backup-result-no-coverage-reason>
  ospf-backup-result-no-coverage-reason
</ospf-backup-result-no-coverage-reason>
</ospf-backup-spf-result>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description OSPF backup SPF result

<ospf-context-id>

Usage

```
<ospf-context-id>
  <ospf-ctx-id>
    ospf-ctx-id
  </ospf-ctx-id>
  <ospf-context-id-area>
    ospf-context-id-area
  </ospf-context-id-area>
  <ospf-context-id-type>
    ospf-context-id-type
  </ospf-context-id-type>
  <ospf-context-id-metric>
    ospf-context-id-metric
  </ospf-context-id-metric>
  <ospf-context-id-adv-metric>
    ospf-context-id-adv-metric
  </ospf-context-id-adv-metric>
```



```

<ospf-context-id-pe-role>
  ospf-context-id-pe-role
</ospf-context-id-pe-role>
<ospf-context-id-status>
  ospf-context-id-status
</ospf-context-id-status>
<ospf-context-id-advertising-router>
  ospf-context-id-advertising-router
</ospf-context-id-advertising-router>
</ospf-context-id>

```

Description

<ospf-context-id>

Usage

```

<ospf-context-id-information>
  <ospf-context-id>
    <ospf-ctx-id>
      ospf-ctx-id
    </ospf-ctx-id>
    <ospf-context-id-area>
      ospf-context-id-area
    </ospf-context-id-area>
    <ospf-context-id-type>
      ospf-context-id-type
    </ospf-context-id-type>
    <ospf-context-id-metric>
      ospf-context-id-metric
    </ospf-context-id-metric>
    <ospf-context-id-adv-metric>
      ospf-context-id-adv-metric
    </ospf-context-id-adv-metric>
    <ospf-context-id-pe-role>
      ospf-context-id-pe-role
    </ospf-context-id-pe-role>
    <ospf-context-id-status>
      ospf-context-id-status
    </ospf-context-id-status>
    <ospf-context-id-advertising-router>
      ospf-context-id-advertising-router
    </ospf-context-id-advertising-router>
  </ospf-context-id>
</ospf-context-id-information>

```

Description

<ospf-context-id-information>

Usage

```

<ospf-context-id-information>
  <ospf-context-id>....</ospf-context-id>
</ospf-context-id-information>

```

Description Information about OSPF neighbors in a routing instance

<ospf-database>

Usage

```
<ospf-database>
  <lsa-type>
    lsa-type
  </lsa-type>
  <our-entry>
    our-entry
  </our-entry>
  <lsa-id>
    lsa-id
  </lsa-id>
  <advertising-router>
    advertising-router
  </advertising-router>
  <sequence-number>
    sequence-number
  </sequence-number>
  <age>
    age
  </age>
  <ospf-do-not-age>
    ospf-do-not-age
  </ospf-do-not-age>
  <options>
    options
  </options>
  <checksum>
    checksum
  </checksum>
  <lsa-length>
    lsa-length
  </lsa-length>
  <ospf-router-lsa>....</ospf-router-lsa>
  <ospf-network-lsa>....</ospf-network-lsa>
  <ospf-opaque-area-lsa>....</ospf-opaque-area-lsa>
  <ospf-opaque-link-local-lsa>....</ospf-opaque-link-local-lsa>
  <ospf-summary-lsa>....</ospf-summary-lsa>
  <ospf-external-lsa>....</ospf-external-lsa>
  <ospf-database-extensive>....</ospf-database-extensive>
</ospf-database>
```

Description

<ospf-database>

Usage

```
<ospf-database-information>
  <ospf-database>
    <lsa-type>
      lsa-type
    </lsa-type>
```

```

<our-entry>
  our-entry
</our-entry>
<lsa-id>
  lsa-id
</lsa-id>
<advertising-router>
  advertising-router
</advertising-router>
<sequence-number>
  sequence-number
</sequence-number>
<age>
  age
</age>
<ospf-do-not-age>
  ospf-do-not-age
</ospf-do-not-age>
<options>
  options
</options>
<checksum>
  checksum
</checksum>
<lsa-length>
  lsa-length
</lsa-length>
<ospf-router-lsa>....</ospf-router-lsa>
<ospf-network-lsa>....</ospf-network-lsa>
<ospf-opaque-area-lsa>....</ospf-opaque-area-lsa>
<ospf-opaque-link-local-lsa>....</ospf-opaque-link-local-lsa>
<ospf-summary-lsa>....</ospf-summary-lsa>
<ospf-external-lsa>....</ospf-external-lsa>
<ospf-database-extensive>....</ospf-database-extensive>
</ospf-database>
</ospf-database-information>

```

Description

<ospf-database-extensive>

Usage

```

<ospf-database-extensive>
  <generation-timer>
    generation-timer
  </generation-timer>
  <aging-timer>
    aging-timer
  </aging-timer>
  <installation-time>
    installation-time
  </installation-time>
  <expiration-time>
    expiration-time
  </expiration-time>

```

```
<send-time>
  send-time
</send-time>
<lsa-changed-time>
  lsa-changed-time
</lsa-changed-time>
<lsa-change-count>
  lsa-change-count
</lsa-change-count>
<indication-lsa>
  indication-lsa
</indication-lsa>
<database-entry-state>
  database-entry-state
</database-entry-state>
<database-telink-id>
  database-telink-id
</database-telink-id>
<standby-flood-status>
  standby-flood-status
</standby-flood-status>
</ospf-database-extensive>
```

Description

<ospf-database-extensive>

Usage

```
<ospf-database>
  <ospf-database-extensive>
    <generation-timer>
      generation-timer
    </generation-timer>
    <aging-timer>
      aging-timer
    </aging-timer>
    <installation-time>
      installation-time
    </installation-time>
    <expiration-time>
      expiration-time
    </expiration-time>
    <send-time>
      send-time
    </send-time>
    <lsa-changed-time>
      lsa-changed-time
    </lsa-changed-time>
    <lsa-change-count>
      lsa-change-count
    </lsa-change-count>
    <indication-lsa>
      indication-lsa
    </indication-lsa>
    <database-entry-state>
```

```

        database-entry-state
      </database-entry-state>
      <database-telink-id>
        database-telink-id
      </database-telink-id>
      <standby-flood-status>
        standby-flood-status
      </standby-flood-status>
    </ospf-database-extensive>
  </ospf-database>

```

Description

<ospf-database-extensive>

Usage

```

<ospf-database-information>
  <ospf-database>
    <ospf-database-extensive>
      <generation-timer>
        generation-timer
      </generation-timer>
      <aging-timer>
        aging-timer
      </aging-timer>
      <installation-time>
        installation-time
      </installation-time>
      <expiration-time>
        expiration-time
      </expiration-time>
      <send-time>
        send-time
      </send-time>
      <lsa-changed-time>
        lsa-changed-time
      </lsa-changed-time>
      <lsa-change-count>
        lsa-change-count
      </lsa-change-count>
      <indication-lsa>
        indication-lsa
      </indication-lsa>
      <database-entry-state>
        database-entry-state
      </database-entry-state>
      <database-telink-id>
        database-telink-id
      </database-telink-id>
      <standby-flood-status>
        standby-flood-status
      </standby-flood-status>
    </ospf-database-extensive>
  </ospf-database>

```

</ospf-database-information>

Description

<ospf-database-extensive>

Usage

```
<ospf3-database>
  <ospf-database-extensive>
    <generation-timer>
      generation-timer
    </generation-timer>
    <aging-timer>
      aging-timer
    </aging-timer>
    <installation-time>
      installation-time
    </installation-time>
    <expiration-time>
      expiration-time
    </expiration-time>
    <send-time>
      send-time
    </send-time>
    <lsa-changed-time>
      lsa-changed-time
    </lsa-changed-time>
    <lsa-change-count>
      lsa-change-count
    </lsa-change-count>
    <indication-lsa>
      indication-lsa
    </indication-lsa>
    <database-entry-state>
      database-entry-state
    </database-entry-state>
    <database-telink-id>
      database-telink-id
    </database-telink-id>
    <standby-flood-status>
      standby-flood-status
    </standby-flood-status>
  </ospf-database-extensive>
</ospf3-database>
```

Description

<ospf-database-extensive>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf-database-extensive>
      <generation-timer>
```

```

    generation-timer
  </generation-timer>
  <aging-timer>
    aging-timer
  </aging-timer>
  <installation-time>
    installation-time
  </installation-time>
  <expiration-time>
    expiration-time
  </expiration-time>
  <send-time>
    send-time
  </send-time>
  <lsa-changed-time>
    lsa-changed-time
  </lsa-changed-time>
  <lsa-change-count>
    lsa-change-count
  </lsa-change-count>
  <indication-lsa>
    indication-lsa
  </indication-lsa>
  <database-entry-state>
    database-entry-state
  </database-entry-state>
  <database-telink-id>
    database-telink-id
  </database-telink-id>
  <standby-flood-status>
    standby-flood-status
  </standby-flood-status>
</ospf-database-extensive>
</ospf3-database>
</ospf3-database-information>

```

Description

<ospf-database-information>

Usage

```

<ospf-database-information>
  <ospf-area-header>....</ospf-area-header>
  <ospf-intf-header>....</ospf-intf-header>
  <ospf-database>....</ospf-database>
  <ospf-database-summary>....</ospf-database-summary>
</ospf-database-information>

```

Description

<ospf-database-replication>

Usage

```

<ospf-database-replication>

```

```
<lsa-type>
  lsa-type
</lsa-type>
<lsa-id>
  lsa-id
</lsa-id>
<advertising-router>
  advertising-router
</advertising-router>
<sequence-number>
  sequence-number
</sequence-number>
<age>
  age
</age>
<ospf-do-not-age>
  ospf-do-not-age
</ospf-do-not-age>
<ospf-synchronization-state>
  ospf-synchronization-state
</ospf-synchronization-state>
<ospf-route-table-index>
  ospf-route-table-index
</ospf-route-table-index>
<ospf-area>
  ospf-area
</ospf-area>
<ospf-router-id>
  ospf-router-id
</ospf-router-id>
<ospf-ifl-index>
  ospf-ifl-index
</ospf-ifl-index>
<interface-address>
  interface-address
</interface-address>
<installation-time>
  installation-time
</installation-time>
<ospf-unsync-reason>
  ospf-unsync-reason
</ospf-unsync-reason>
</ospf-database-replication>
```

Description OSPF LSA replication information

<ospf-database-replication>

Usage

```
<ospf-database-replication-information>
  <ospf-database-replication>
    <lsa-type>
      lsa-type
    </lsa-type>
```



```

<lsa-id>
  lsa-id
</lsa-id>
<advertising-router>
  advertising-router
</advertising-router>
<sequence-number>
  sequence-number
</sequence-number>
<age>
  age
</age>
<ospf-do-not-age>
  ospf-do-not-age
</ospf-do-not-age>
<ospf-synchronization-state>
  ospf-synchronization-state
</ospf-synchronization-state>
<ospf-route-table-index>
  ospf-route-table-index
</ospf-route-table-index>
<ospf-area>
  ospf-area
</ospf-area>
<ospf-router-id>
  ospf-router-id
</ospf-router-id>
<ospf-ifl-index>
  ospf-ifl-index
</ospf-ifl-index>
<interface-address>
  interface-address
</interface-address>
<installation-time>
  installation-time
</installation-time>
<ospf-unsync-reason>
  ospf-unsync-reason
</ospf-unsync-reason>
</ospf-database-replication>
</ospf-database-replication-information>

```

Description OSPF LSA replication information

<ospf-database-replication>

Usage

```

<ospf3-database-replication-information>
  <ospf-database-replication>
    <lsa-type>
      lsa-type
    </lsa-type>
    <lsa-id>
      lsa-id

```

```
</lsa-id>
<advertising-router>
  advertising-router
</advertising-router>
<sequence-number>
  sequence-number
</sequence-number>
<age>
  age
</age>
<ospf-do-not-age>
  ospf-do-not-age
</ospf-do-not-age>
<ospf-synchronization-state>
  ospf-synchronization-state
</ospf-synchronization-state>
<ospf-route-table-index>
  ospf-route-table-index
</ospf-route-table-index>
<ospf-area>
  ospf-area
</ospf-area>
<ospf-router-id>
  ospf-router-id
</ospf-router-id>
<ospf-ifl-index>
  ospf-ifl-index
</ospf-ifl-index>
<interface-address>
  interface-address
</interface-address>
<installation-time>
  installation-time
</installation-time>
<ospf-unsync-reason>
  ospf-unsync-reason
</ospf-unsync-reason>
</ospf-database-replication>
</ospf3-database-replication-information>
```

Description OSPF LSA replication information

<ospf-database-replication-information>

Usage

```
<ospf-database-replication-information>
  <ospf-database-replication>....</ospf-database-replication>
</ospf-database-replication-information>
```

Description OSPFv2 LSA replication information

<ospf-database-summary>

Usage

```

<ospf-database-summary>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf-intf>
    ospf-intf
  </ospf-intf>
  <ospf-lsa-count>
    ospf-lsa-count
  </ospf-lsa-count>
  <ospf-lsa-type>
    ospf-lsa-type
  </ospf-lsa-type>
</ospf-database-summary>

```

Description

<ospf-database-summary>

Usage

```

<ospf-database-information>
  <ospf-database-summary>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-intf>
      ospf-intf
    </ospf-intf>
    <ospf-lsa-count>
      ospf-lsa-count
    </ospf-lsa-count>
    <ospf-lsa-type>
      ospf-lsa-type
    </ospf-lsa-type>
  </ospf-database-summary>
</ospf-database-information>

```

Description

<ospf-db-protection-overview>

Usage

```

<ospf-db-protection-overview>
  <ospf-db-protection-state>
    ospf-db-protection-state
  </ospf-db-protection-state>
  <ospf-db-protection-remaining-time>
    ospf-db-protection-remaining-time
  </ospf-db-protection-remaining-time>
  <ospf-db-protection-warning-only>
    ospf-db-protection-warning-only

```

```
</ospf-db-protection-warning-only>
<ospf-db-protection-warning-threshold>
  ospf-db-protection-warning-threshold
</ospf-db-protection-warning-threshold>
<ospf-db-protection-lsa-current>
  ospf-db-protection-lsa-current
</ospf-db-protection-lsa-current>
<ospf-db-protection-lsa-warning>
  ospf-db-protection-lsa-warning
</ospf-db-protection-lsa-warning>
<ospf-db-protection-lsa-maximum>
  ospf-db-protection-lsa-maximum
</ospf-db-protection-lsa-maximum>
<ospf-db-protection-ignore-time>
  ospf-db-protection-ignore-time
</ospf-db-protection-ignore-time>
<ospf-db-protection-reset-time>
  ospf-db-protection-reset-time
</ospf-db-protection-reset-time>
<ospf-db-protection-ignore-current>
  ospf-db-protection-ignore-current
</ospf-db-protection-ignore-current>
<ospf-db-protection-ignore-maximum>
  ospf-db-protection-ignore-maximum
</ospf-db-protection-ignore-maximum>
</ospf-db-protection-overview>
```

Description OSPF database protection overview information

<ospf-db-protection-overview>

Usage

```
<ospf-overview>
  <ospf-db-protection-overview>
    <ospf-db-protection-state>
      ospf-db-protection-state
    </ospf-db-protection-state>
    <ospf-db-protection-remaining-time>
      ospf-db-protection-remaining-time
    </ospf-db-protection-remaining-time>
    <ospf-db-protection-warning-only>
      ospf-db-protection-warning-only
    </ospf-db-protection-warning-only>
    <ospf-db-protection-warning-threshold>
      ospf-db-protection-warning-threshold
    </ospf-db-protection-warning-threshold>
    <ospf-db-protection-lsa-current>
      ospf-db-protection-lsa-current
    </ospf-db-protection-lsa-current>
    <ospf-db-protection-lsa-warning>
      ospf-db-protection-lsa-warning
    </ospf-db-protection-lsa-warning>
    <ospf-db-protection-lsa-maximum>
      ospf-db-protection-lsa-maximum
```

```

</ospf-db-protection-lsa-maximum>
<ospf-db-protection-ignore-time>
  ospf-db-protection-ignore-time
</ospf-db-protection-ignore-time>
<ospf-db-protection-reset-time>
  ospf-db-protection-reset-time
</ospf-db-protection-reset-time>
<ospf-db-protection-ignore-current>
  ospf-db-protection-ignore-current
</ospf-db-protection-ignore-current>
<ospf-db-protection-ignore-maximum>
  ospf-db-protection-ignore-maximum
</ospf-db-protection-ignore-maximum>
</ospf-db-protection-overview>
</ospf-overview>

```

Description OSPF database protection overview information

<ospf-db-protection-overview>

Usage

```

<ospf-overview-information>
<ospf-overview>
  <ospf-db-protection-overview>
    <ospf-db-protection-state>
      ospf-db-protection-state
    </ospf-db-protection-state>
    <ospf-db-protection-remaining-time>
      ospf-db-protection-remaining-time
    </ospf-db-protection-remaining-time>
    <ospf-db-protection-warning-only>
      ospf-db-protection-warning-only
    </ospf-db-protection-warning-only>
    <ospf-db-protection-warning-threshold>
      ospf-db-protection-warning-threshold
    </ospf-db-protection-warning-threshold>
    <ospf-db-protection-lsa-current>
      ospf-db-protection-lsa-current
    </ospf-db-protection-lsa-current>
    <ospf-db-protection-lsa-warning>
      ospf-db-protection-lsa-warning
    </ospf-db-protection-lsa-warning>
    <ospf-db-protection-lsa-maximum>
      ospf-db-protection-lsa-maximum
    </ospf-db-protection-lsa-maximum>
    <ospf-db-protection-ignore-time>
      ospf-db-protection-ignore-time
    </ospf-db-protection-ignore-time>
    <ospf-db-protection-reset-time>
      ospf-db-protection-reset-time
    </ospf-db-protection-reset-time>
    <ospf-db-protection-ignore-current>
      ospf-db-protection-ignore-current
    </ospf-db-protection-ignore-current>

```

```
<ospf-db-protection-ignore-maximum>
  ospf-db-protection-ignore-maximum
</ospf-db-protection-ignore-maximum>
</ospf-db-protection-overview>
</ospf-overview>
</ospf-overview-information>
```

Description OSPF database protection overview information

<ospf-db-protection-overview>

Usage

```
<ospf3-overview-information>
<ospf-overview>
  <ospf-db-protection-overview>
    <ospf-db-protection-state>
      ospf-db-protection-state
    </ospf-db-protection-state>
    <ospf-db-protection-remaining-time>
      ospf-db-protection-remaining-time
    </ospf-db-protection-remaining-time>
    <ospf-db-protection-warning-only>
      ospf-db-protection-warning-only
    </ospf-db-protection-warning-only>
    <ospf-db-protection-warning-threshold>
      ospf-db-protection-warning-threshold
    </ospf-db-protection-warning-threshold>
    <ospf-db-protection-lsa-current>
      ospf-db-protection-lsa-current
    </ospf-db-protection-lsa-current>
    <ospf-db-protection-lsa-warning>
      ospf-db-protection-lsa-warning
    </ospf-db-protection-lsa-warning>
    <ospf-db-protection-lsa-maximum>
      ospf-db-protection-lsa-maximum
    </ospf-db-protection-lsa-maximum>
    <ospf-db-protection-ignore-time>
      ospf-db-protection-ignore-time
    </ospf-db-protection-ignore-time>
    <ospf-db-protection-reset-time>
      ospf-db-protection-reset-time
    </ospf-db-protection-reset-time>
    <ospf-db-protection-ignore-current>
      ospf-db-protection-ignore-current
    </ospf-db-protection-ignore-current>
    <ospf-db-protection-ignore-maximum>
      ospf-db-protection-ignore-maximum
    </ospf-db-protection-ignore-maximum>
  </ospf-db-protection-overview>
</ospf-overview>
</ospf3-overview-information>
```

Description OSPF database protection overview information

<ospf-errors>

Usage

```

<ospf-errors>
  <run-header-error>
    run-header-error
  </run-header-error>
  <short-packets-error>
    short-packets-error
  </short-packets-error>
  <bad-version-error>
    bad-version-error
  </bad-version-error>
  <truncated-packets-error>
    truncated-packets-error
  </truncated-packets-error>
  <checksum-error>
    checksum-error
  </checksum-error>
  <subnet-mismatch-error>
    subnet-mismatch-error
  </subnet-mismatch-error>
  <virtual-link-error>
    virtual-link-error
  </virtual-link-error>
  <area-mismatch-error>
    area-mismatch-error
  </area-mismatch-error>
  <authentication-mismatch-error>
    authentication-mismatch-error
  </authentication-mismatch-error>
  <authentication-failure-error>
    authentication-failure-error
  </authentication-failure-error>
  <bad-packettype-error>
    bad-packettype-error
  </bad-packettype-error>
  <netmask-mismatch-error>
    netmask-mismatch-error
  </netmask-mismatch-error>
  <hello-interval-mismatch-error>
    hello-interval-mismatch-error
  </hello-interval-mismatch-error>
  <dead-interval-mismatch-error>
    dead-interval-mismatch-error
  </dead-interval-mismatch-error>
  <stub-area-mismatch-error>
    stub-area-mismatch-error
  </stub-area-mismatch-error>
  <nssa-mismatch-error>
    nssa-mismatch-error
  </nssa-mismatch-error>
  <default-exclusion-mismatch-error>
    default-exclusion-mismatch-error
  </default-exclusion-mismatch-error>

```

```
<mtu-mismatch-error>
  mtu-mismatch-error
</mtu-mismatch-error>
<hello-received-error>
  hello-received-error
</hello-received-error>
<no-interface-error>
  no-interface-error
</no-interface-error>
<no-router-id-error>
  no-router-id-error
</no-router-id-error>
<instance-id-mismatch-error>
  instance-id-mismatch-error
</instance-id-mismatch-error>
<lanp2p-cfgmismatch-error>
  lanp2p-cfgmismatch-error
</lanp2p-cfgmismatch-error>
<no-error>
  no-error
</no-error>
</ospf-errors>
```

Description

<ospf-errors>

Usage

```
<ospf-io-statistics>
<ospf-errors>
  < runt-header-error >
    runt-header-error
  </ runt-header-error >
  < short-packets-error >
    short-packets-error
  </ short-packets-error >
  < bad-version-error >
    bad-version-error
  </ bad-version-error >
  < truncated-packets-error >
    truncated-packets-error
  </ truncated-packets-error >
  < checksum-error >
    checksum-error
  </ checksum-error >
  < subnet-mismatch-error >
    subnet-mismatch-error
  </ subnet-mismatch-error >
  < virtual-link-error >
    virtual-link-error
  </ virtual-link-error >
  < area-mismatch-error >
    area-mismatch-error
  </ area-mismatch-error >
  < authentication-mismatch-error >
```



```

    authentication-mismatch-error
  </authentication-mismatch-error>
  <authentication-failure-error>
    authentication-failure-error
  </authentication-failure-error>
  <bad-packettype-error>
    bad-packettype-error
  </bad-packettype-error>
  <netmask-mismatch-error>
    netmask-mismatch-error
  </netmask-mismatch-error>
  <hello-interval-mismatch-error>
    hello-interval-mismatch-error
  </hello-interval-mismatch-error>
  <dead-interval-mismatch-error>
    dead-interval-mismatch-error
  </dead-interval-mismatch-error>
  <stub-area-mismatch-error>
    stub-area-mismatch-error
  </stub-area-mismatch-error>
  <nssa-mismatch-error>
    nssa-mismatch-error
  </nssa-mismatch-error>
  <default-exclusion-mismatch-error>
    default-exclusion-mismatch-error
  </default-exclusion-mismatch-error>
  <mtu-mismatch-error>
    mtu-mismatch-error
  </mtu-mismatch-error>
  <hello-received-error>
    hello-received-error
  </hello-received-error>
  <no-interface-error>
    no-interface-error
  </no-interface-error>
  <no-router-id-error>
    no-router-id-error
  </no-router-id-error>
  <instance-id-mismatch-error>
    instance-id-mismatch-error
  </instance-id-mismatch-error>
  <lanp2p-cfgmismatch-error>
    lanp2p-cfgmismatch-error
  </lanp2p-cfgmismatch-error>
  <no-error>
    no-error
  </no-error>
</ospf-errors>
</ospf-io-statistics>

```

Description

<ospf-errors>

Usage

```
<ospf-io-statistics-information>
  <ospf-io-statistics>
    <ospf-errors>
      <run-header-error>
        run-header-error
      </run-header-error>
      <short-packets-error>
        short-packets-error
      </short-packets-error>
      <bad-version-error>
        bad-version-error
      </bad-version-error>
      <truncated-packets-error>
        truncated-packets-error
      </truncated-packets-error>
      <checksum-error>
        checksum-error
      </checksum-error>
      <subnet-mismatch-error>
        subnet-mismatch-error
      </subnet-mismatch-error>
      <virtual-link-error>
        virtual-link-error
      </virtual-link-error>
      <area-mismatch-error>
        area-mismatch-error
      </area-mismatch-error>
      <authentication-mismatch-error>
        authentication-mismatch-error
      </authentication-mismatch-error>
      <authentication-failure-error>
        authentication-failure-error
      </authentication-failure-error>
      <bad-packettype-error>
        bad-packettype-error
      </bad-packettype-error>
      <netmask-mismatch-error>
        netmask-mismatch-error
      </netmask-mismatch-error>
      <hello-interval-mismatch-error>
        hello-interval-mismatch-error
      </hello-interval-mismatch-error>
      <dead-interval-mismatch-error>
        dead-interval-mismatch-error
      </dead-interval-mismatch-error>
      <stub-area-mismatch-error>
        stub-area-mismatch-error
      </stub-area-mismatch-error>
      <nssa-mismatch-error>
        nssa-mismatch-error
      </nssa-mismatch-error>
      <default-exclusion-mismatch-error>
```

```

    default-exclusion-mismatch-error
  </default-exclusion-mismatch-error>
  <mtu-mismatch-error>
    mtu-mismatch-error
  </mtu-mismatch-error>
  <hello-received-error>
    hello-received-error
  </hello-received-error>
  <no-interface-error>
    no-interface-error
  </no-interface-error>
  <no-router-id-error>
    no-router-id-error
  </no-router-id-error>
  <instance-id-mismatch-error>
    instance-id-mismatch-error
  </instance-id-mismatch-error>
  <lanp2p-cfgmismatch-error>
    lanp2p-cfgmismatch-error
  </lanp2p-cfgmismatch-error>
  <no-error>
    no-error
  </no-error>
</ospf-errors>
</ospf-io-statistics>
</ospf-io-statistics-information>

```

Description

<ospf-errors>

Usage

```

<ospf-statistics>
  <ospf-errors>
    <runt-header-error>
      runt-header-error
    </runt-header-error>
    <short-packets-error>
      short-packets-error
    </short-packets-error>
    <bad-version-error>
      bad-version-error
    </bad-version-error>
    <truncated-packets-error>
      truncated-packets-error
    </truncated-packets-error>
    <checksum-error>
      checksum-error
    </checksum-error>
    <subnet-mismatch-error>
      subnet-mismatch-error
    </subnet-mismatch-error>
    <virtual-link-error>
      virtual-link-error
    </virtual-link-error>
  </ospf-errors>
</ospf-statistics>

```

```
<area-mismatch-error>
  area-mismatch-error
</area-mismatch-error>
<authentication-mismatch-error>
  authentication-mismatch-error
</authentication-mismatch-error>
<authentication-failure-error>
  authentication-failure-error
</authentication-failure-error>
<bad-packettype-error>
  bad-packettype-error
</bad-packettype-error>
<netmask-mismatch-error>
  netmask-mismatch-error
</netmask-mismatch-error>
<hello-interval-mismatch-error>
  hello-interval-mismatch-error
</hello-interval-mismatch-error>
<dead-interval-mismatch-error>
  dead-interval-mismatch-error
</dead-interval-mismatch-error>
<stub-area-mismatch-error>
  stub-area-mismatch-error
</stub-area-mismatch-error>
<nssa-mismatch-error>
  nssa-mismatch-error
</nssa-mismatch-error>
<default-exclusion-mismatch-error>
  default-exclusion-mismatch-error
</default-exclusion-mismatch-error>
<mtu-mismatch-error>
  mtu-mismatch-error
</mtu-mismatch-error>
<hello-received-error>
  hello-received-error
</hello-received-error>
<no-interface-error>
  no-interface-error
</no-interface-error>
<no-router-id-error>
  no-router-id-error
</no-router-id-error>
<instance-id-mismatch-error>
  instance-id-mismatch-error
</instance-id-mismatch-error>
<lanp2p-cfgmismatch-error>
  lanp2p-cfgmismatch-error
</lanp2p-cfgmismatch-error>
<no-error>
  no-error
</no-error>
</ospf-errors>
</ospf-statistics>
```

Description

<ospf-errors>

Usage

```

<ospf-statistics-information>
  <ospf-statistics>
    <ospf-errors>
      <run-header-error>
        run-header-error
      </run-header-error>
      <short-packets-error>
        short-packets-error
      </short-packets-error>
      <bad-version-error>
        bad-version-error
      </bad-version-error>
      <truncated-packets-error>
        truncated-packets-error
      </truncated-packets-error>
      <checksum-error>
        checksum-error
      </checksum-error>
      <subnet-mismatch-error>
        subnet-mismatch-error
      </subnet-mismatch-error>
      <virtual-link-error>
        virtual-link-error
      </virtual-link-error>
      <area-mismatch-error>
        area-mismatch-error
      </area-mismatch-error>
      <authentication-mismatch-error>
        authentication-mismatch-error
      </authentication-mismatch-error>
      <authentication-failure-error>
        authentication-failure-error
      </authentication-failure-error>
      <bad-packettype-error>
        bad-packettype-error
      </bad-packettype-error>
      <netmask-mismatch-error>
        netmask-mismatch-error
      </netmask-mismatch-error>
      <hello-interval-mismatch-error>
        hello-interval-mismatch-error
      </hello-interval-mismatch-error>
      <dead-interval-mismatch-error>
        dead-interval-mismatch-error
      </dead-interval-mismatch-error>
      <stub-area-mismatch-error>
        stub-area-mismatch-error
      </stub-area-mismatch-error>
      <nssa-mismatch-error>
        nssa-mismatch-error
      </nssa-mismatch-error>

```

```
<default-exclusion-mismatch-error>
  default-exclusion-mismatch-error
</default-exclusion-mismatch-error>
<mtu-mismatch-error>
  mtu-mismatch-error
</mtu-mismatch-error>
<hello-received-error>
  hello-received-error
</hello-received-error>
<no-interface-error>
  no-interface-error
</no-interface-error>
<no-router-id-error>
  no-router-id-error
</no-router-id-error>
<instance-id-mismatch-error>
  instance-id-mismatch-error
</instance-id-mismatch-error>
<lanp2p-cfgmismatch-error>
  lanp2p-cfgmismatch-error
</lanp2p-cfgmismatch-error>
<no-error>
  no-error
</no-error>
</ospf-errors>
</ospf-statistics>
</ospf-statistics-information>
```

Description

<ospf-errors>

Usage

```
<ospf3-io-statistics-information>
<ospf-io-statistics>
  <ospf-errors>
    <runt-header-error>
      runt-header-error
    </runt-header-error>
    <short-packets-error>
      short-packets-error
    </short-packets-error>
    <bad-version-error>
      bad-version-error
    </bad-version-error>
    <truncated-packets-error>
      truncated-packets-error
    </truncated-packets-error>
    <checksum-error>
      checksum-error
    </checksum-error>
    <subnet-mismatch-error>
      subnet-mismatch-error
    </subnet-mismatch-error>
    <virtual-link-error>
```

```
    virtual-link-error
  </virtual-link-error>
  <area-mismatch-error>
    area-mismatch-error
  </area-mismatch-error>
  <authentication-mismatch-error>
    authentication-mismatch-error
  </authentication-mismatch-error>
  <authentication-failure-error>
    authentication-failure-error
  </authentication-failure-error>
  <bad-packettype-error>
    bad-packettype-error
  </bad-packettype-error>
  <netmask-mismatch-error>
    netmask-mismatch-error
  </netmask-mismatch-error>
  <hello-interval-mismatch-error>
    hello-interval-mismatch-error
  </hello-interval-mismatch-error>
  <dead-interval-mismatch-error>
    dead-interval-mismatch-error
  </dead-interval-mismatch-error>
  <stub-area-mismatch-error>
    stub-area-mismatch-error
  </stub-area-mismatch-error>
  <nssa-mismatch-error>
    nssa-mismatch-error
  </nssa-mismatch-error>
  <default-exclusion-mismatch-error>
    default-exclusion-mismatch-error
  </default-exclusion-mismatch-error>
  <mtu-mismatch-error>
    mtu-mismatch-error
  </mtu-mismatch-error>
  <hello-received-error>
    hello-received-error
  </hello-received-error>
  <no-interface-error>
    no-interface-error
  </no-interface-error>
  <no-router-id-error>
    no-router-id-error
  </no-router-id-error>
  <instance-id-mismatch-error>
    instance-id-mismatch-error
  </instance-id-mismatch-error>
  <lanp2p-cfgmismatch-error>
    lanp2p-cfgmismatch-error
  </lanp2p-cfgmismatch-error>
  <no-error>
    no-error
  </no-error>
</ospf-errors>
</ospf-io-statistics>
```

</ospf3-io-statistics-information>

Description

<ospf-errors>

Usage

```
<ospf3-statistics-information>
  <ospf-statistics>
    <ospf-errors>
      <runt-header-error>
        runt-header-error
      </runt-header-error>
      <short-packets-error>
        short-packets-error
      </short-packets-error>
      <bad-version-error>
        bad-version-error
      </bad-version-error>
      <truncated-packets-error>
        truncated-packets-error
      </truncated-packets-error>
      <checksum-error>
        checksum-error
      </checksum-error>
      <subnet-mismatch-error>
        subnet-mismatch-error
      </subnet-mismatch-error>
      <virtual-link-error>
        virtual-link-error
      </virtual-link-error>
      <area-mismatch-error>
        area-mismatch-error
      </area-mismatch-error>
      <authentication-mismatch-error>
        authentication-mismatch-error
      </authentication-mismatch-error>
      <authentication-failure-error>
        authentication-failure-error
      </authentication-failure-error>
      <bad-packettype-error>
        bad-packettype-error
      </bad-packettype-error>
      <netmask-mismatch-error>
        netmask-mismatch-error
      </netmask-mismatch-error>
      <hello-interval-mismatch-error>
        hello-interval-mismatch-error
      </hello-interval-mismatch-error>
      <dead-interval-mismatch-error>
        dead-interval-mismatch-error
      </dead-interval-mismatch-error>
      <stub-area-mismatch-error>
        stub-area-mismatch-error
      </stub-area-mismatch-error>
```



```

<nssa-mismatch-error>
  nssa-mismatch-error
</nssa-mismatch-error>
<default-exclusion-mismatch-error>
  default-exclusion-mismatch-error
</default-exclusion-mismatch-error>
<mtu-mismatch-error>
  mtu-mismatch-error
</mtu-mismatch-error>
<hello-received-error>
  hello-received-error
</hello-received-error>
<no-interface-error>
  no-interface-error
</no-interface-error>
<no-router-id-error>
  no-router-id-error
</no-router-id-error>
<instance-id-mismatch-error>
  instance-id-mismatch-error
</instance-id-mismatch-error>
<lanp2p-cfgmismatch-error>
  lanp2p-cfgmismatch-error
</lanp2p-cfgmismatch-error>
<no-error>
  no-error
</no-error>
</ospf-errors>
</ospf-statistics>
</ospf3-statistics-information>

```

Description

<ospf-external-lsa>

Usage

```

<ospf-external-lsa>
  <address-mask>
    address-mask
  </address-mask>
  <ospf-external-lsa-topology>....</ospf-external-lsa-topology>
</ospf-external-lsa>

```

Description

<ospf-external-lsa>

Usage

```

<ospf-database>
  <ospf-external-lsa>
    <address-mask>
      address-mask
    </address-mask>
    <ospf-external-lsa-topology>....</ospf-external-lsa-topology>
  </ospf-external-lsa>
</ospf-database>

```

```
</ospf-external-lsa>
</ospf-database>
```

Description

<ospf-external-lsa>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-external-lsa>
      <address-mask>
        address-mask
      </address-mask>
      <ospf-external-lsa-topology>....</ospf-external-lsa-topology>
    </ospf-external-lsa>
  </ospf-database>
</ospf-database-information>
```

Description

<ospf-external-lsa-topology>

Usage

```
<ospf-external-lsa-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <type-value>
    type-value
  </type-value>
  <ospf-topology-metric>
    ospf-topology-metric
  </ospf-topology-metric>
  <forward-address>
    forward-address
  </forward-address>
  <tag>
    tag
  </tag>
</ospf-external-lsa-topology>
```

Description OSPF topology specific information for an external LSA

<ospf-external-lsa-topology>

Usage

```
<ospf-external-lsa>
  <ospf-external-lsa-topology>
    <ospf-topology-name>
```

```

        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <type-value>
        type-value
      </type-value>
      <ospf-topology-metric>
        ospf-topology-metric
      </ospf-topology-metric>
      <forward-address>
        forward-address
      </forward-address>
    <tag>
      tag
    </tag>
  </ospf-external-lsa-topology>
</ospf-external-lsa>

```

Description OSPF topology specific information for an external LSA

<ospf-external-lsa-topology>

Usage

```

<ospf-database>
  <ospf-external-lsa>
    <ospf-external-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <type-value>
        type-value
      </type-value>
      <ospf-topology-metric>
        ospf-topology-metric
      </ospf-topology-metric>
      <forward-address>
        forward-address
      </forward-address>
    <tag>
      tag
    </tag>
  </ospf-external-lsa-topology>
</ospf-external-lsa>
</ospf-database>

```

Description OSPF topology specific information for an external LSA

<ospf-external-lsa-topology>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-external-lsa>
      <ospf-external-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <type-value>
          type-value
        </type-value>
        <ospf-topology-metric>
          ospf-topology-metric
        </ospf-topology-metric>
        <forward-address>
          forward-address
        </forward-address>
        <tag>
          tag
        </tag>
      </ospf-external-lsa-topology>
    </ospf-external-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology specific information for an external LSA

<ospf-instance-neighbor>

Usage

```
<ospf-neighbor-information-all>
  <ospf-instance-neighbor>
    <ospf-instance-name>
      ospf-instance-name
    </ospf-instance-name>
    <ospf-neighbor>....</ospf-neighbor>
  </ospf-instance-neighbor>
</ospf-neighbor-information-all>
```

Description Information about OSPF neighbors within this routing instance

<ospf-interface>

Usage

```
<ospf-interface>
  <interface-name>
    interface-name
```

```
</interface-name>
<ospf-interface-state>
  ospf-interface-state
</ospf-interface-state>
<ospf-area>
  ospf-area
</ospf-area>
<dr-id>
  dr-id
</dr-id>
<bdr-id>
  bdr-id
</bdr-id>
<neighbor-count>
  neighbor-count
</neighbor-count>
<interface-type>
  interface-type
</interface-type>
<interface-address>
  interface-address
</interface-address>
<address-mask>
  address-mask
</address-mask>
<mtu>
  mtu
</mtu>
<interface-cost>
  interface-cost
</interface-cost>
<virtual-link-transit-area>
  virtual-link-transit-area
</virtual-link-transit-area>
<virtual-link-destination>
  virtual-link-destination
</virtual-link-destination>
<sham-link-local>
  sham-link-local
</sham-link-local>
<sham-link-remote>
  sham-link-remote
</sham-link-remote>
<dr-address>
  dr-address
</dr-address>
<bdr-address>
  bdr-address
</bdr-address>
<router-priority>
  router-priority
</router-priority>
<adj-count>
  adj-count
</adj-count>
<interface-secondary>
```

```
    interface-secondary
  </interface-secondary>
  <interface-flood-reduction>
    interface-flood-reduction
  </interface-flood-reduction>
  <passive>
    passive
  </passive>
  <hello-interval>
    hello-interval
  </hello-interval>
  <poll-interval>
    poll-interval
  </poll-interval>
  <dead-interval>
    dead-interval
  </dead-interval>
  <retransmit-interval>
    retransmit-interval
  </retransmit-interval>
  <ospf-stub-type>
    ospf-stub-type
  </ospf-stub-type>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
  <authentication-type>
    authentication-type
  </authentication-type>
  <ospf-interface-topology>....</ospf-interface-topology>
  <active-key-id>
    active-key-id
  </active-key-id>
  <active-key-start-time>
    active-key-start-time
  </active-key-start-time>
  <ospf-interface-protection-type>
    ospf-interface-protection-type
  </ospf-interface-protection-type>
  <ospf-interface-no-eligible-backup>
    ospf-interface-no-eligible-backup
  </ospf-interface-no-eligible-backup>
  <igp-ldp-sync-holdtime>
    igp-ldp-sync-holdtime
  </igp-ldp-sync-holdtime>
  <igp-ldp-sync-state>
    igp-ldp-sync-state
  </igp-ldp-sync-state>
  <igp-ldp-sync-last-change>
    igp-ldp-sync-last-change
  </igp-ldp-sync-last-change>
  <igp-ldp-sync-reason>
    igp-ldp-sync-reason
  </igp-ldp-sync-reason>
  <igp-ldp-sync-timeleft>
    igp-ldp-sync-timeleft
```

```

</igp-ldp-sync-timeleft>
<interface-flood-list-count>
  interface-flood-list-count
</interface-flood-list-count>
<flood-list-count>
  flood-list-count
</flood-list-count>
<lsa-list>
  lsa-list
</lsa-list>
<interface-description-list>
  interface-description-list
</interface-description-list>
</ospf-interface>

```

Description

<ospf-interface>

Usage

```

<ospf-interface-information>
  <ospf-interface>
    <interface-name>
      interface-name
    </interface-name>
    <ospf-interface-state>
      ospf-interface-state
    </ospf-interface-state>
    <ospf-area>
      ospf-area
    </ospf-area>
    <dr-id>
      dr-id
    </dr-id>
    <bdr-id>
      bdr-id
    </bdr-id>
    <neighbor-count>
      neighbor-count
    </neighbor-count>
    <interface-type>
      interface-type
    </interface-type>
    <interface-address>
      interface-address
    </interface-address>
    <address-mask>
      address-mask
    </address-mask>
    <mtu>
      mtu
    </mtu>
    <interface-cost>
      interface-cost
    </interface-cost>

```

```
<virtual-link-transit-area>
  virtual-link-transit-area
</virtual-link-transit-area>
<virtual-link-destination>
  virtual-link-destination
</virtual-link-destination>
<sham-link-local>
  sham-link-local
</sham-link-local>
<sham-link-remote>
  sham-link-remote
</sham-link-remote>
<dr-address>
  dr-address
</dr-address>
<bdr-address>
  bdr-address
</bdr-address>
<router-priority>
  router-priority
</router-priority>
<adj-count>
  adj-count
</adj-count>
<interface-secondary>
  interface-secondary
</interface-secondary>
<interface-flood-reduction>
  interface-flood-reduction
</interface-flood-reduction>
<passive>
  passive
</passive>
<hello-interval>
  hello-interval
</hello-interval>
<poll-interval>
  poll-interval
</poll-interval>
<dead-interval>
  dead-interval
</dead-interval>
<retransmit-interval>
  retransmit-interval
</retransmit-interval>
<ospf-stub-type>
  ospf-stub-type
</ospf-stub-type>
<ipsec-sa>
  ipsec-sa
</ipsec-sa>
<authentication-type>
  authentication-type
</authentication-type>
<ospf-interface-topology>....</ospf-interface-topology>
<active-key-id>
```



```

    active-key-id
  </active-key-id>
  <active-key-start-time>
    active-key-start-time
  </active-key-start-time>
  <ospf-interface-protection-type>
    ospf-interface-protection-type
  </ospf-interface-protection-type>
  <ospf-interface-no-eligible-backup>
    ospf-interface-no-eligible-backup
  </ospf-interface-no-eligible-backup>
  <igp-ldp-sync-holdtime>
    igp-ldp-sync-holdtime
  </igp-ldp-sync-holdtime>
  <igp-ldp-sync-state>
    igp-ldp-sync-state
  </igp-ldp-sync-state>
  <igp-ldp-sync-last-change>
    igp-ldp-sync-last-change
  </igp-ldp-sync-last-change>
  <igp-ldp-sync-reason>
    igp-ldp-sync-reason
  </igp-ldp-sync-reason>
  <igp-ldp-sync-timeleft>
    igp-ldp-sync-timeleft
  </igp-ldp-sync-timeleft>
  <interface-flood-list-count>
    interface-flood-list-count
  </interface-flood-list-count>
  <flood-list-count>
    flood-list-count
  </flood-list-count>
  <lsa-list>
    lsa-list
  </lsa-list>
  <interface-description-list>
    interface-description-list
  </interface-description-list>
</ospf-interface>
</ospf-interface-information>

```

Description

<ospf-interface-information>

Usage

```

<ospf-interface-information>
  <ospf-interface>....</ospf-interface>
</ospf-interface-information>

```

Description

<ospf-interface-replication>

Usage

```
<ospf-interface-replication>
  <interface-name>
    interface-name
  </interface-name>
  <interface-address>
    interface-address
  </interface-address>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf-synchronization-state>
    ospf-synchronization-state
  </ospf-synchronization-state>
  <ospf-ifl-index>
    ospf-ifl-index
  </ospf-ifl-index>
  <ospf-router-id>
    ospf-router-id
  </ospf-router-id>
  <ospf-route-table-index>
    ospf-route-table-index
  </ospf-route-table-index>
  <ospf-internal-index>
    ospf-internal-index
  </ospf-internal-index>
  <ospf-sync-dr-id>
    ospf-sync-dr-id
  </ospf-sync-dr-id>
  <ospf-sync-bdr-id>
    ospf-sync-bdr-id
  </ospf-sync-bdr-id>
  <dr-address>
    dr-address
  </dr-address>
  <bdr-address>
    bdr-address
  </bdr-address>
  <ospf-sync-dr-status>
    ospf-sync-dr-status
  </ospf-sync-dr-status>
  <ospf-sync-bdr-status>
    ospf-sync-bdr-status
  </ospf-sync-bdr-status>
  <ospf-unsync-reason>
    ospf-unsync-reason
  </ospf-unsync-reason>
</ospf-interface-replication>
```

Description OSPF interface replication information

<ospf-interface-replication>**Usage**

```

<ospf-interface-replication-information>
  <ospf-interface-replication>
    <interface-name>
      interface-name
    </interface-name>
    <interface-address>
      interface-address
    </interface-address>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-synchronization-state>
      ospf-synchronization-state
    </ospf-synchronization-state>
    <ospf-ifl-index>
      ospf-ifl-index
    </ospf-ifl-index>
    <ospf-router-id>
      ospf-router-id
    </ospf-router-id>
    <ospf-route-table-index>
      ospf-route-table-index
    </ospf-route-table-index>
    <ospf-internal-index>
      ospf-internal-index
    </ospf-internal-index>
    <ospf-sync-dr-id>
      ospf-sync-dr-id
    </ospf-sync-dr-id>
    <ospf-sync-bdr-id>
      ospf-sync-bdr-id
    </ospf-sync-bdr-id>
    <dr-address>
      dr-address
    </dr-address>
    <bdr-address>
      bdr-address
    </bdr-address>
    <ospf-sync-dr-status>
      ospf-sync-dr-status
    </ospf-sync-dr-status>
    <ospf-sync-bdr-status>
      ospf-sync-bdr-status
    </ospf-sync-bdr-status>
    <ospf-unsync-reason>
      ospf-unsync-reason
    </ospf-unsync-reason>
  </ospf-interface-replication>
</ospf-interface-replication-information>

```

Description OSPF interface replication information

<ospf-interface-replication>

Usage

```
<ospf3-interface-replication-information>
  <ospf-interface-replication>
    <interface-name>
      interface-name
    </interface-name>
    <interface-address>
      interface-address
    </interface-address>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-synchronization-state>
      ospf-synchronization-state
    </ospf-synchronization-state>
    <ospf-ifl-index>
      ospf-ifl-index
    </ospf-ifl-index>
    <ospf-router-id>
      ospf-router-id
    </ospf-router-id>
    <ospf-route-table-index>
      ospf-route-table-index
    </ospf-route-table-index>
    <ospf-internal-index>
      ospf-internal-index
    </ospf-internal-index>
    <ospf-sync-dr-id>
      ospf-sync-dr-id
    </ospf-sync-dr-id>
    <ospf-sync-bdr-id>
      ospf-sync-bdr-id
    </ospf-sync-bdr-id>
    <dr-address>
      dr-address
    </dr-address>
    <bdr-address>
      bdr-address
    </bdr-address>
    <ospf-sync-dr-status>
      ospf-sync-dr-status
    </ospf-sync-dr-status>
    <ospf-sync-bdr-status>
      ospf-sync-bdr-status
    </ospf-sync-bdr-status>
    <ospf-unsync-reason>
      ospf-unsync-reason
    </ospf-unsync-reason>
  </ospf-interface-replication>
</ospf3-interface-replication-information>
```

Description OSPF interface replication information

<ospf-interface-replication-information>

Usage

```
<ospf-interface-replication-information>
  <ospf-interface-replication>....</ospf-interface-replication>
</ospf-interface-replication-information>
```

Description OSPFv2 interface replication information

<ospf-interface-topology>

Usage

```
<ospf-interface-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-topology-passive>
    ospf-topology-passive
  </ospf-topology-passive>
  <ospf-topology-disabled>
    ospf-topology-disabled
  </ospf-topology-disabled>
  <ospf-topology-down>
    ospf-topology-down
  </ospf-topology-down>
  <ospf-topology-metric>
    ospf-topology-metric
  </ospf-topology-metric>
</ospf-interface-topology>
```

Description OSPF topology specific information for an interface

<ospf-interface-topology>

Usage

```
<ospf-interface>
  <ospf-interface-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-topology-passive>
      ospf-topology-passive
    </ospf-topology-passive>
    <ospf-topology-disabled>
      ospf-topology-disabled
    </ospf-topology-disabled>
```

```
<ospf-topology-down>
  ospf-topology-down
</ospf-topology-down>
<ospf-topology-metric>
  ospf-topology-metric
</ospf-topology-metric>
</ospf-interface-topology>
</ospf-interface>
```

Description OSPF topology specific information for an interface

<ospf-interface-topology>

Usage

```
<ospf-interface-information>
  <ospf-interface>
    <ospf-interface-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-topology-passive>
        ospf-topology-passive
      </ospf-topology-passive>
      <ospf-topology-disabled>
        ospf-topology-disabled
      </ospf-topology-disabled>
      <ospf-topology-down>
        ospf-topology-down
      </ospf-topology-down>
      <ospf-topology-metric>
        ospf-topology-metric
      </ospf-topology-metric>
    </ospf-interface-topology>
  </ospf-interface>
</ospf-interface-information>
```

Description OSPF topology specific information for an interface

<ospf-intf-header>

Usage

```
<ospf-intf-header>
  <ospf-intf>
    ospf-intf
  </ospf-intf>
  <ospf-area>
    ospf-area
  </ospf-area>
</ospf-intf-header>
```

Description**<ospf-intf-header>****Usage**

```
<ospf-database-information>
  <ospf-intf-header>
    <ospf-intf>
      ospf-intf
    </ospf-intf>
  <ospf-area>
    ospf-area
  </ospf-area>
</ospf-intf-header>
</ospf-database-information>
```

Description**<ospf-io-statistics>****Usage**

```
<ospf-io-statistics>
  <packets-read>
    packets-read
  </packets-read>
  <average-per-run>
    average-per-run
  </average-per-run>
  <max-run>
    max-run
  </max-run>
  <ospf-errors>....</ospf-errors>
</ospf-io-statistics>
```

Description**<ospf-io-statistics>****Usage**

```
<ospf-io-statistics-information>
  <ospf-io-statistics>
    <packets-read>
      packets-read
    </packets-read>
    <average-per-run>
      average-per-run
    </average-per-run>
    <max-run>
      max-run
    </max-run>
    <ospf-errors>....</ospf-errors>
  </ospf-io-statistics>
</ospf-io-statistics-information>
```

Description**<ospf-io-statistics>****Usage**

```
<ospf3-io-statistics-information>
  <ospf-io-statistics>
    <packets-read>
      packets-read
    </packets-read>
    <average-per-run>
      average-per-run
    </average-per-run>
    <max-run>
      max-run
    </max-run>
    <ospf-errors>....</ospf-errors>
  </ospf-io-statistics>
</ospf3-io-statistics-information>
```

Description**<ospf-io-statistics-information>****Usage**

```
<ospf-io-statistics-information>
  <ospf-io-statistics>....</ospf-io-statistics>
</ospf-io-statistics-information>
```

Description**<ospf-link>****Usage**

```
<ospf-router-lsa>
  <ospf-link>
    <link-id>
      link-id
    </link-id>
    <link-data>
      link-data
    </link-data>
    <link-type-name>
      link-type-name
    </link-type-name>
    <link-type-value>
      link-type-value
    </link-type-value>
    <ospf-topology-count>
      ospf-topology-count
    </ospf-topology-count>
    <metric>
      metric
    </metric>
  <ospf-router-link-topology>....</ospf-router-link-topology>
```



```

</ospf-link>
</ospf-router-lsa>

```

Description

<ospf-link>

Usage

```

<ospf-database>
<ospf-router-lsa>
<ospf-link>
<link-id>
  link-id
</link-id>
<link-data>
  link-data
</link-data>
<link-type-name>
  link-type-name
</link-type-name>
<link-type-value>
  link-type-value
</link-type-value>
<ospf-topology-count>
  ospf-topology-count
</ospf-topology-count>
<metric>
  metric
</metric>
<ospf-router-link-topology>....</ospf-router-link-topology>
</ospf-link>
</ospf-router-lsa>
</ospf-database>

```

Description

<ospf-link>

Usage

```

<ospf-database-information>
<ospf-database>
<ospf-router-lsa>
<ospf-link>
<link-id>
  link-id
</link-id>
<link-data>
  link-data
</link-data>
<link-type-name>
  link-type-name
</link-type-name>
<link-type-value>
  link-type-value

```

```
</link-type-value>
<ospf-topology-count>
  ospf-topology-count
</ospf-topology-count>
<metric>
  metric
</metric>
<ospf-router-link-topology>....</ospf-router-link-topology>
</ospf-link>
</ospf-router-lsa>
</ospf-database>
</ospf-database-information>
```

Description

<ospf-link-local-grace-lsa>

Usage

```
<ospf-opaque-link-local-lsa>
<ospf-link-local-grace-lsa>
  <tlv-grace-type-name>
    tlv-grace-type-name
  </tlv-grace-type-name>
  <tlv-grace-value>
    tlv-grace-value
  </tlv-grace-value>
</ospf-link-local-grace-lsa>
</ospf-opaque-link-local-lsa>
```

Description

<ospf-link-local-grace-lsa>

Usage

```
<ospf-database>
<ospf-opaque-link-local-lsa>
<ospf-link-local-grace-lsa>
  <tlv-grace-type-name>
    tlv-grace-type-name
  </tlv-grace-type-name>
  <tlv-grace-value>
    tlv-grace-value
  </tlv-grace-value>
</ospf-link-local-grace-lsa>
</ospf-opaque-link-local-lsa>
</ospf-database>
```

Description

<ospf-link-local-grace-lsa>

Usage

```
<ospf-database-information>
<ospf-database>
```

```

<ospf-opaque-link-local-lsa>
  <ospf-link-local-grace-lsa>
    <tlv-grace-type-name>
      tlv-grace-type-name
    </tlv-grace-type-name>
    <tlv-grace-value>
      tlv-grace-value
    </tlv-grace-value>
  </ospf-link-local-grace-lsa>
</ospf-opaque-link-local-lsa>
</ospf-database>
</ospf-database-information>

```

Description

<ospf-link-local-grace-lsa>

Usage

```

<ospf3-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-grace-lsa>
      <tlv-grace-type-name>
        tlv-grace-type-name
      </tlv-grace-type-name>
      <tlv-grace-value>
        tlv-grace-value
      </tlv-grace-value>
    </ospf-link-local-grace-lsa>
  </ospf-opaque-link-local-lsa>
</ospf3-database>

```

Description

<ospf-link-local-grace-lsa>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-grace-lsa>
        <tlv-grace-type-name>
          tlv-grace-type-name
        </tlv-grace-type-name>
        <tlv-grace-value>
          tlv-grace-value
        </tlv-grace-value>
      </ospf-link-local-grace-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description

<ospf-link-local-te-lsa>

Usage

```
<ospf-opaque-link-local-lsa>
  <ospf-link-local-te-lsa>
    <ospf-link-local-te-tlv>.....</ospf-link-local-te-tlv>
    <ospf-link-local-te-subtlv>.....</ospf-link-local-te-subtlv>
  </ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
```

Description

<ospf-link-local-te-lsa>

Usage

```
<ospf-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-te-lsa>
      <ospf-link-local-te-tlv>.....</ospf-link-local-te-tlv>
      <ospf-link-local-te-subtlv>.....</ospf-link-local-te-subtlv>
    </ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf-database>
```

Description

<ospf-link-local-te-lsa>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-te-lsa>
        <ospf-link-local-te-tlv>.....</ospf-link-local-te-tlv>
        <ospf-link-local-te-subtlv>.....</ospf-link-local-te-subtlv>
      </ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf-database>
</ospf-database-information>
```

Description

<ospf-link-local-te-lsa>

Usage

```
<ospf3-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-te-lsa>
      <ospf-link-local-te-tlv>.....</ospf-link-local-te-tlv>
      <ospf-link-local-te-subtlv>.....</ospf-link-local-te-subtlv>
    </ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
```

```
</ospf3-database>
```

Description

<ospf-link-local-te-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-te-lsa>
        <ospf-link-local-te-tlv>....</ospf-link-local-te-tlv>
        <ospf-link-local-te-subtlv>....</ospf-link-local-te-subtlv>
      </ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf3-database>
</ospf3-database-information>
```

Description

<ospf-link-local-te-subtlv>

Usage

```
<ospf-link-local-te-subtlv>
  <link-local-te-tlv-type-name>
    link-local-te-tlv-type-name
  </link-local-te-tlv-type-name>
  <tlv-type-value>
    tlv-type-value
  </tlv-type-value>
  <tlv-length>
    tlv-length
  </tlv-length>
  <bytes-left>
    bytes-left
  </bytes-left>
  <formatted-tlv-data>
    formatted-tlv-data
  </formatted-tlv-data>
</ospf-link-local-te-subtlv>
```

Description

<ospf-link-local-te-subtlv>

Usage

```
<ospf-opaque-link-local-lsa>
  <ospf-link-local-te-lsa>
    <ospf-link-local-te-subtlv>
      <link-local-te-tlv-type-name>
        link-local-te-tlv-type-name
      </link-local-te-tlv-type-name>
      <tlv-type-value>
        tlv-type-value
```

```
</tlv-type-value>
<tlv-length>
  tlv-length
</tlv-length>
<bytes-left>
  bytes-left
</bytes-left>
<formatted-tlv-data>
  formatted-tlv-data
</formatted-tlv-data>
</ospf-link-local-te-subtlv>
</ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
```

Description

<ospf-link-local-te-subtlv>

Usage

```
<ospf-database>
<ospf-opaque-link-local-lsa>
<ospf-link-local-te-lsa>
<ospf-link-local-te-subtlv>
  <link-local-te-tlv-type-name>
    link-local-te-tlv-type-name
  </link-local-te-tlv-type-name>
  <tlv-type-value>
    tlv-type-value
  </tlv-type-value>
  <tlv-length>
    tlv-length
  </tlv-length>
  <bytes-left>
    bytes-left
  </bytes-left>
  <formatted-tlv-data>
    formatted-tlv-data
  </formatted-tlv-data>
</ospf-link-local-te-subtlv>
</ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
</ospf-database>
```

Description

<ospf-link-local-te-subtlv>

Usage

```
<ospf-database-information>
<ospf-database>
<ospf-opaque-link-local-lsa>
<ospf-link-local-te-lsa>
  <ospf-link-local-te-subtlv>
    <link-local-te-tlv-type-name>
```

```

    link-local-te-tlv-type-name
  </link-local-te-tlv-type-name>
  <tlv-type-value>
    tlv-type-value
  </tlv-type-value>
  <tlv-length>
    tlv-length
  </tlv-length>
  <bytes-left>
    bytes-left
  </bytes-left>
  <formatted-tlv-data>
    formatted-tlv-data
  </formatted-tlv-data>
</ospf-link-local-te-subtlv>
</ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
</ospf-database>
</ospf-database-information>

```

Description

<ospf-link-local-te-subtlv>

Usage

```

<ospf3-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-te-lsa>
      <ospf-link-local-te-subtlv>
        <link-local-te-tlv-type-name>
          link-local-te-tlv-type-name
        </link-local-te-tlv-type-name>
        <tlv-type-value>
          tlv-type-value
        </tlv-type-value>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
        <formatted-tlv-data>
          formatted-tlv-data
        </formatted-tlv-data>
      </ospf-link-local-te-subtlv>
    </ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf3-database>

```

Description

<ospf-link-local-te-subtlv>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-te-lsa>
        <ospf-link-local-te-subtlv>
          <link-local-te-tlv-type-name>
            link-local-te-tlv-type-name
          </link-local-te-tlv-type-name>
          <tlv-type-value>
            tlv-type-value
          </tlv-type-value>
          <tlv-length>
            tlv-length
          </tlv-length>
          <bytes-left>
            bytes-left
          </bytes-left>
          <formatted-tlv-data>
            formatted-tlv-data
          </formatted-tlv-data>
        </ospf-link-local-te-subtlv>
      </ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf3-database>
</ospf3-database-information>
```

Description

<ospf-link-local-te-tlv>

Usage

```
<ospf-link-local-te-tlv>
  <link-local-te-tlv-type-name>
    link-local-te-tlv-type-name
  </link-local-te-tlv-type-name>
  <tlv-type-value>
    tlv-type-value
  </tlv-type-value>
  <tlv-length>
    tlv-length
  </tlv-length>
  <bytes-left>
    bytes-left
  </bytes-left>
  <formatted-tlv-data>
    formatted-tlv-data
  </formatted-tlv-data>
</ospf-link-local-te-tlv>
```

Description

<ospf-link-local-te-tlv>

Usage

```

<ospf-opaque-link-local-lsa>
  <ospf-link-local-te-lsa>
    <ospf-link-local-te-tlv>
      <link-local-te-tlv-type-name>
        link-local-te-tlv-type-name
      </link-local-te-tlv-type-name>
      <tlv-type-value>
        tlv-type-value
      </tlv-type-value>
      <tlv-length>
        tlv-length
      </tlv-length>
      <bytes-left>
        bytes-left
      </bytes-left>
      <formatted-tlv-data>
        formatted-tlv-data
      </formatted-tlv-data>
    </ospf-link-local-te-tlv>
  </ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>

```

Description

<ospf-link-local-te-tlv>

Usage

```

<ospf-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-te-lsa>
      <ospf-link-local-te-tlv>
        <link-local-te-tlv-type-name>
          link-local-te-tlv-type-name
        </link-local-te-tlv-type-name>
        <tlv-type-value>
          tlv-type-value
        </tlv-type-value>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
        <formatted-tlv-data>
          formatted-tlv-data
        </formatted-tlv-data>
      </ospf-link-local-te-tlv>
    </ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf-database>

```

Description

<ospf-link-local-te-tlv>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-te-lsa>
        <ospf-link-local-te-tlv>
          <link-local-te-tlv-type-name>
            link-local-te-tlv-type-name
          </link-local-te-tlv-type-name>
          <tlv-type-value>
            tlv-type-value
          </tlv-type-value>
          <tlv-length>
            tlv-length
          </tlv-length>
          <bytes-left>
            bytes-left
          </bytes-left>
          <formatted-tlv-data>
            formatted-tlv-data
          </formatted-tlv-data>
        </ospf-link-local-te-tlv>
      </ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf-database>
</ospf-database-information>
```

Description

<ospf-link-local-te-tlv>

Usage

```
<ospf3-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-te-lsa>
      <ospf-link-local-te-tlv>
        <link-local-te-tlv-type-name>
          link-local-te-tlv-type-name
        </link-local-te-tlv-type-name>
        <tlv-type-value>
          tlv-type-value
        </tlv-type-value>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
        <formatted-tlv-data>
          formatted-tlv-data
        </formatted-tlv-data>
```

```

    </ospf-link-local-te-tlv>
  </ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
</ospf3-database>

```

Description

<ospf-link-local-te-tlv>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-te-lsa>
        <ospf-link-local-te-tlv>
          <link-local-te-tlv-type-name>
            link-local-te-tlv-type-name
          </link-local-te-tlv-type-name>
          <tlv-type-value>
            tlv-type-value
          </tlv-type-value>
          <tlv-length>
            tlv-length
          </tlv-length>
          <bytes-left>
            bytes-left
          </bytes-left>
          <formatted-tlv-data>
            formatted-tlv-data
          </formatted-tlv-data>
        </ospf-link-local-te-tlv>
      </ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description

<ospf-log-events>

Usage

```

<ospf-log-events>
  <log-element>....</log-element>
  <number-events>
    number-events
  </number-events>
</ospf-log-events>

```

Description

<ospf-log-events>

Usage

```

<ospf-topology-log>

```

```
<ospf-log-events>
  <log-element>....</log-element>
  <number-events>
    number-events
  </number-events>
</ospf-log-events>
</ospf-topology-log>
```

Description

<ospf-log-events>

Usage

```
<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-events>
      <log-element>....</log-element>
      <number-events>
        number-events
      </number-events>
    </ospf-log-events>
  </ospf-topology-log>
</ospf-log-information>
```

Description

<ospf-log-events>

Usage

```
<ospf3-log-information>
  <ospf-log-events>
    <log-element>....</log-element>
    <number-events>
      number-events
    </number-events>
  </ospf-log-events>
</ospf3-log-information>
```

Description

<ospf-log-information>

Usage

```
<ospf-log-information>
  <ospf-topology-log>....</ospf-topology-log>
</ospf-log-information>
```

Description

<ospf-log-instance>

Usage

```
<ospf-log-instance>
```

```
<log-element>....</log-element>
</ospf-log-instance>
```

Description**<ospf-log-instance>****Usage**

```
<ospf-topology-log>
  <ospf-log-instance>
    <log-element>....</log-element>
  </ospf-log-instance>
</ospf-topology-log>
```

Description**<ospf-log-instance>****Usage**

```
<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-instance>
      <log-element>....</log-element>
    </ospf-log-instance>
  </ospf-topology-log>
</ospf-log-information>
```

Description**<ospf-log-instance>****Usage**

```
<ospf3-log-information>
  <ospf-log-instance>
    <log-element>....</log-element>
  </ospf-log-instance>
</ospf3-log-information>
```

Description**<ospf-log-maximum-length>****Usage**

```
<ospf-log-maximum-length>
  <log-element>....</log-element>
</ospf-log-maximum-length>
```

Description

<ospf-log-maximum-length>

Usage

```
<ospf-topology-log>
  <ospf-log-maximum-length>
    <log-element>....</log-element>
  </ospf-log-maximum-length>
</ospf-topology-log>
```

Description

<ospf-log-maximum-length>

Usage

```
<ospf-log-information>
  <ospf-topology-log>
    <ospf-log-maximum-length>
      <log-element>....</log-element>
    </ospf-log-maximum-length>
  </ospf-topology-log>
</ospf-log-information>
```

Description

<ospf-log-maximum-length>

Usage

```
<ospf3-log-information>
  <ospf-log-maximum-length>
    <log-element>....</log-element>
  </ospf-log-maximum-length>
</ospf3-log-information>
```

Description

<ospf-lsa-topology>

Usage

```
<ospf-lsa-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
</ospf-lsa-topology>
```

Description OSPF topology information for a LSA

<ospf-lsa-topology>**Usage**

```

<ospf-router-lsa>
  <ospf-lsa-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
  </ospf-lsa-topology>
</ospf-router-lsa>

```

Description OSPF topology information for a LSA

<ospf-lsa-topology>**Usage**

```

<ospf-network-lsa>
  <ospf-lsa-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
  </ospf-lsa-topology>
</ospf-network-lsa>

```

Description OSPF topology information for a LSA

<ospf-lsa-topology>**Usage**

```

<ospf-database>
  <ospf-router-lsa>
    <ospf-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
    </ospf-lsa-topology>
  </ospf-router-lsa>
</ospf-database>

```

Description OSPF topology information for a LSA

<ospf-lsa-topology>

Usage

```
<ospf-database>
  <ospf-network-lsa>
    <ospf-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
    </ospf-lsa-topology>
  </ospf-network-lsa>
</ospf-database>
```

Description OSPF topology information for a LSA

<ospf-lsa-topology>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-router-lsa>
      <ospf-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
      </ospf-lsa-topology>
    </ospf-router-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology information for a LSA

<ospf-lsa-topology>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-network-lsa>
      <ospf-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
```



```

    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
  </ospf-lsa-topology>
</ospf-network-lsa>
</ospf-database>
</ospf-database-information>

```

Description OSPF topology information for a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf-lsa-topology-link>
  <link-type-name>
    link-type-name
  </link-type-name>
  <ospf-lsa-topology-link-node-id>
    ospf-lsa-topology-link-node-id
  </ospf-lsa-topology-link-node-id>
  <ospf-lsa-topology-link-metric>
    ospf-lsa-topology-link-metric
  </ospf-lsa-topology-link-metric>
  <ospf-lsa-topology-link-state>
    ospf-lsa-topology-link-state
  </ospf-lsa-topology-link-state>
</ospf-lsa-topology-link>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf-lsa-topology>
  <ospf-lsa-topology-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf-lsa-topology-link>
</ospf-lsa-topology>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf-router-lsa>
  <ospf-lsa-topology>
    <ospf-lsa-topology-link>
      <link-type-name>
        link-type-name
      </link-type-name>
      <ospf-lsa-topology-link-node-id>
        ospf-lsa-topology-link-node-id
      </ospf-lsa-topology-link-node-id>
      <ospf-lsa-topology-link-metric>
        ospf-lsa-topology-link-metric
      </ospf-lsa-topology-link-metric>
      <ospf-lsa-topology-link-state>
        ospf-lsa-topology-link-state
      </ospf-lsa-topology-link-state>
    </ospf-lsa-topology-link>
  </ospf-lsa-topology>
</ospf-router-lsa>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf-network-lsa>
  <ospf-lsa-topology>
    <ospf-lsa-topology-link>
      <link-type-name>
        link-type-name
      </link-type-name>
      <ospf-lsa-topology-link-node-id>
        ospf-lsa-topology-link-node-id
      </ospf-lsa-topology-link-node-id>
      <ospf-lsa-topology-link-metric>
        ospf-lsa-topology-link-metric
      </ospf-lsa-topology-link-metric>
      <ospf-lsa-topology-link-state>
        ospf-lsa-topology-link-state
      </ospf-lsa-topology-link-state>
    </ospf-lsa-topology-link>
  </ospf-lsa-topology>
</ospf-network-lsa>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf-database>
  <ospf-router-lsa>
    <ospf-lsa-topology>
      <ospf-lsa-topology-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <ospf-lsa-topology-link-node-id>
          ospf-lsa-topology-link-node-id
        </ospf-lsa-topology-link-node-id>
        <ospf-lsa-topology-link-metric>
          ospf-lsa-topology-link-metric
        </ospf-lsa-topology-link-metric>
        <ospf-lsa-topology-link-state>
          ospf-lsa-topology-link-state
        </ospf-lsa-topology-link-state>
      </ospf-lsa-topology-link>
    </ospf-lsa-topology>
  </ospf-router-lsa>
</ospf-database>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf-database>
  <ospf-network-lsa>
    <ospf-lsa-topology>
      <ospf-lsa-topology-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <ospf-lsa-topology-link-node-id>
          ospf-lsa-topology-link-node-id
        </ospf-lsa-topology-link-node-id>
        <ospf-lsa-topology-link-metric>
          ospf-lsa-topology-link-metric
        </ospf-lsa-topology-link-metric>
        <ospf-lsa-topology-link-state>
          ospf-lsa-topology-link-state
        </ospf-lsa-topology-link-state>
      </ospf-lsa-topology-link>
    </ospf-lsa-topology>
  </ospf-network-lsa>
</ospf-database>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-router-lsa>
      <ospf-lsa-topology>
        <ospf-lsa-topology-link>
          <link-type-name>
            link-type-name
          </link-type-name>
          <ospf-lsa-topology-link-node-id>
            ospf-lsa-topology-link-node-id
          </ospf-lsa-topology-link-node-id>
          <ospf-lsa-topology-link-metric>
            ospf-lsa-topology-link-metric
          </ospf-lsa-topology-link-metric>
          <ospf-lsa-topology-link-state>
            ospf-lsa-topology-link-state
          </ospf-lsa-topology-link-state>
        </ospf-lsa-topology-link>
      </ospf-lsa-topology>
    </ospf-router-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-network-lsa>
      <ospf-lsa-topology>
        <ospf-lsa-topology-link>
          <link-type-name>
            link-type-name
          </link-type-name>
          <ospf-lsa-topology-link-node-id>
            ospf-lsa-topology-link-node-id
          </ospf-lsa-topology-link-node-id>
          <ospf-lsa-topology-link-metric>
            ospf-lsa-topology-link-metric
          </ospf-lsa-topology-link-metric>
          <ospf-lsa-topology-link-state>
            ospf-lsa-topology-link-state
          </ospf-lsa-topology-link-state>
        </ospf-lsa-topology-link>
      </ospf-lsa-topology>
    </ospf-network-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf3-lsa-topology>
  <ospf-lsa-topology-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf-lsa-topology-link>
</ospf3-lsa-topology>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf3-router-lsa>
  <ospf3-lsa-topology>
    <ospf-lsa-topology-link>
      <link-type-name>
        link-type-name
      </link-type-name>
      <ospf-lsa-topology-link-node-id>
        ospf-lsa-topology-link-node-id
      </ospf-lsa-topology-link-node-id>
      <ospf-lsa-topology-link-metric>
        ospf-lsa-topology-link-metric
      </ospf-lsa-topology-link-metric>
      <ospf-lsa-topology-link-state>
        ospf-lsa-topology-link-state
      </ospf-lsa-topology-link-state>
    </ospf-lsa-topology-link>
  </ospf3-lsa-topology>
</ospf3-router-lsa>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf3-network-lsa>
```

```
<ospf3-lsa-topology>
  <ospf-lsa-topology-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-network-lsa>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf3-database>
  <ospf3-router-lsa>
    <ospf3-lsa-topology>
      <ospf-lsa-topology-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <ospf-lsa-topology-link-node-id>
          ospf-lsa-topology-link-node-id
        </ospf-lsa-topology-link-node-id>
        <ospf-lsa-topology-link-metric>
          ospf-lsa-topology-link-metric
        </ospf-lsa-topology-link-metric>
        <ospf-lsa-topology-link-state>
          ospf-lsa-topology-link-state
        </ospf-lsa-topology-link-state>
      </ospf-lsa-topology-link>
    </ospf3-lsa-topology>
  </ospf3-router-lsa>
</ospf3-database>
```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```
<ospf3-database>
  <ospf3-network-lsa>
    <ospf3-lsa-topology>
      <ospf-lsa-topology-link>
```

```

    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-network-lsa>
</ospf3-database>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-router-lsa>
      <ospf3-lsa-topology>
        <ospf-lsa-topology-link>
          <link-type-name>
            link-type-name
          </link-type-name>
          <ospf-lsa-topology-link-node-id>
            ospf-lsa-topology-link-node-id
          </ospf-lsa-topology-link-node-id>
          <ospf-lsa-topology-link-metric>
            ospf-lsa-topology-link-metric
          </ospf-lsa-topology-link-metric>
          <ospf-lsa-topology-link-state>
            ospf-lsa-topology-link-state
          </ospf-lsa-topology-link-state>
        </ospf-lsa-topology-link>
      </ospf3-lsa-topology>
    </ospf3-router-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description OSPF topology information for a set of links to a LSA

<ospf-lsa-topology-link>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-network-lsa>

```

```
<ospf3-lsa-topology>
  <ospf-lsa-topology-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-network-lsa>
</ospf3-database>
</ospf3-database-information>
```

Description OSPF topology information for a set of links to a LSA

<ospf-nbr-overview>

Usage

```
<ospf-overview>
  <ospf-area-overview>
    <ospf-nbr-overview>
      <ospf-nbr-up-count>
        ospf-nbr-up-count
      </ospf-nbr-up-count>
    </ospf-nbr-overview>
  </ospf-area-overview>
</ospf-overview>
```

Description

<ospf-nbr-overview>

Usage

```
<ospf-overview-information>
  <ospf-overview>
    <ospf-area-overview>
      <ospf-nbr-overview>
        <ospf-nbr-up-count>
          ospf-nbr-up-count
        </ospf-nbr-up-count>
      </ospf-nbr-overview>
    </ospf-area-overview>
  </ospf-overview>
</ospf-overview-information>
```


Description

<ospf-nbr-overview>

Usage

```

<ospf3-overview-information>
  <ospf-overview>
    <ospf-area-overview>
      <ospf-nbr-overview>
        <ospf-nbr-up-count>
          ospf-nbr-up-count
        </ospf-nbr-up-count>
      </ospf-nbr-overview>
    </ospf-area-overview>
  </ospf-overview>
</ospf3-overview-information>

```

Description

<ospf-neighbor>

Usage

```

<ospf-neighbor>
  <neighbor-address>
    neighbor-address
  </neighbor-address>
  <interface-name>
    interface-name
  </interface-name>
  <ospf-neighbor-state>
    ospf-neighbor-state
  </ospf-neighbor-state>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <neighbor-priority>
    neighbor-priority
  </neighbor-priority>
  <activity-timer>
    activity-timer
  </activity-timer>
  <ospf-area>
    ospf-area
  </ospf-area>
  <options>
    options
  </options>
  <neighbor-secondary>
    neighbor-secondary
  </neighbor-secondary>
  <neighbor-cost>
    neighbor-cost
  </neighbor-cost>
  <dr-address>
    dr-address

```

```
</dr-address>
<bdr-address>
  bdr-address
</bdr-address>
<neighbor-up-time>
  neighbor-up-time
</neighbor-up-time>
<neighbor-adjacency-time>
  neighbor-adjacency-time
</neighbor-adjacency-time>
<neighbor-suppress-hello>
  neighbor-suppress-hello
</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
<ospf-neighbor-topology>....</ospf-neighbor-topology>
</ospf-neighbor>
```

Description

<ospf-neighbor>

Usage

```
<ospf-neighbor-information>
<ospf-neighbor>
  <neighbor-address>
    neighbor-address
  </neighbor-address>
  <interface-name>
    interface-name
  </interface-name>
  <ospf-neighbor-state>
    ospf-neighbor-state
  </ospf-neighbor-state>
  <neighbor-id>
    neighbor-id
```

```
</neighbor-id>
<neighbor-priority>
  neighbor-priority
</neighbor-priority>
<activity-timer>
  activity-timer
</activity-timer>
<ospf-area>
  ospf-area
</ospf-area>
<options>
  options
</options>
<neighbor-secondary>
  neighbor-secondary
</neighbor-secondary>
<neighbor-cost>
  neighbor-cost
</neighbor-cost>
<dr-address>
  dr-address
</dr-address>
<bdr-address>
  bdr-address
</bdr-address>
<neighbor-up-time>
  neighbor-up-time
</neighbor-up-time>
<neighbor-adjacency-time>
  neighbor-adjacency-time
</neighbor-adjacency-time>
<neighbor-suppress-hello>
  neighbor-suppress-hello
</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
<ospf-neighbor-topology>.....</ospf-neighbor-topology>
```

```
</ospf-neighbor>
</ospf-neighbor-information>
```

Description

<ospf-neighbor>

Usage

```
<ospf-neighbor-information-all>
  <ospf-instance-neighbor>
    <ospf-neighbor>
      <neighbor-address>
        neighbor-address
      </neighbor-address>
      <interface-name>
        interface-name
      </interface-name>
      <ospf-neighbor-state>
        ospf-neighbor-state
      </ospf-neighbor-state>
      <neighbor-id>
        neighbor-id
      </neighbor-id>
      <neighbor-priority>
        neighbor-priority
      </neighbor-priority>
      <activity-timer>
        activity-timer
      </activity-timer>
      <ospf-area>
        ospf-area
      </ospf-area>
      <options>
        options
      </options>
      <neighbor-secondary>
        neighbor-secondary
      </neighbor-secondary>
      <neighbor-cost>
        neighbor-cost
      </neighbor-cost>
      <dr-address>
        dr-address
      </dr-address>
      <bdr-address>
        bdr-address
      </bdr-address>
      <neighbor-up-time>
        neighbor-up-time
      </neighbor-up-time>
      <neighbor-adjacency-time>
        neighbor-adjacency-time
      </neighbor-adjacency-time>
      <neighbor-suppress-hello>
        neighbor-suppress-hello
      </neighbor-suppress-hello>
    </ospf-neighbor>
  </ospf-instance-neighbor>
</ospf-neighbor-information-all>
```

```

</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
<ospf-neighbor-topology>....</ospf-neighbor-topology>
</ospf-neighbor>
</ospf-instance-neighbor>
</ospf-neighbor-information-all>

```

Description**<ospf-neighbor-information>****Usage**

```

<ospf-neighbor-information>
  <ospf-neighbor>....</ospf-neighbor>
</ospf-neighbor-information>

```

Description Information about OSPF neighbors in a routing instance

<ospf-neighbor-information-all>**Usage**

```

<ospf-neighbor-information-all>
  <ospf-instance-neighbor>....</ospf-instance-neighbor>
</ospf-neighbor-information-all>

```

Description Information about OSPF neighbors in all routing instances

<ospf-neighbor-replication>**Usage**

```

<ospf-neighbor-replication>
  <interface-name>

```

```
    interface-name
  </interface-name>
  <ospf-area>
    ospf-area
  </ospf-area>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <ospf-synchronization-state>
    ospf-synchronization-state
  </ospf-synchronization-state>
  <ospf-neighbor-state>
    ospf-neighbor-state
  </ospf-neighbor-state>
  <ospf-ifl-index>
    ospf-ifl-index
  </ospf-ifl-index>
  <ospf-route-table-index>
    ospf-route-table-index
  </ospf-route-table-index>
  <ospf-unsync-reason>
    ospf-unsync-reason
  </ospf-unsync-reason>
</ospf-neighbor-replication>
```

Description OSPF neighbor replication information

<ospf-neighbor-replication>

Usage

```
<ospf-neighbor-replication-information>
  <ospf-neighbor-replication>
    <interface-name>
      interface-name
    </interface-name>
    <ospf-area>
      ospf-area
    </ospf-area>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <ospf-synchronization-state>
      ospf-synchronization-state
    </ospf-synchronization-state>
    <ospf-neighbor-state>
      ospf-neighbor-state
    </ospf-neighbor-state>
    <ospf-ifl-index>
      ospf-ifl-index
    </ospf-ifl-index>
    <ospf-route-table-index>
      ospf-route-table-index
    </ospf-route-table-index>
    <ospf-unsync-reason>
```

```

        ospf-unsync-reason
      </ospf-unsync-reason>
    </ospf-neighbor-replication>
  </ospf-neighbor-replication-information>

```

Description OSPF neighbor replication information

<ospf-neighbor-replication>

Usage

```

<ospf3-neighbor-replication-information>
  <ospf-neighbor-replication>
    <interface-name>
      interface-name
    </interface-name>
    <ospf-area>
      ospf-area
    </ospf-area>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <ospf-synchronization-state>
      ospf-synchronization-state
    </ospf-synchronization-state>
    <ospf-neighbor-state>
      ospf-neighbor-state
    </ospf-neighbor-state>
    <ospf-ifl-index>
      ospf-ifl-index
    </ospf-ifl-index>
    <ospf-route-table-index>
      ospf-route-table-index
    </ospf-route-table-index>
    <ospf-unsync-reason>
      ospf-unsync-reason
    </ospf-unsync-reason>
  </ospf-neighbor-replication>
</ospf3-neighbor-replication-information>

```

Description OSPF neighbor replication information

<ospf-neighbor-replication-information>

Usage

```

<ospf-neighbor-replication-information>
  <ospf-neighbor-replication>....</ospf-neighbor-replication>
</ospf-neighbor-replication-information>

```

Description OSPFv2 neighbor replication information

<ospf-neighbor-topology>

Usage

```
<ospf-neighbor-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-neighbor-topology-state>
    ospf-neighbor-topology-state
  </ospf-neighbor-topology-state>
</ospf-neighbor-topology>
```

Description OSPF topology specific neighbor information

<ospf-neighbor-topology>

Usage

```
<ospf-neighbor>
  <ospf-neighbor-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-neighbor-topology-state>
      ospf-neighbor-topology-state
    </ospf-neighbor-topology-state>
  </ospf-neighbor-topology>
</ospf-neighbor>
```

Description OSPF topology specific neighbor information

<ospf-neighbor-topology>

Usage

```
<ospf-neighbor-information>
  <ospf-neighbor>
    <ospf-neighbor-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-neighbor-topology-state>
        ospf-neighbor-topology-state
      </ospf-neighbor-topology-state>
    </ospf-neighbor-topology>
```



```
</ospf-neighbor>
</ospf-neighbor-information>
```

Description OSPF topology specific neighbor information

<ospf-neighbor-topology>

Usage

```
<ospf-neighbor-information-all>
  <ospf-instance-neighbor>
    <ospf-neighbor>
      <ospf-neighbor-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-neighbor-topology-state>
          ospf-neighbor-topology-state
        </ospf-neighbor-topology-state>
      </ospf-neighbor-topology>
    </ospf-neighbor>
  </ospf-instance-neighbor>
</ospf-neighbor-information-all>
```

Description OSPF topology specific neighbor information

<ospf-network-lsa>

Usage

```
<ospf-network-lsa>
  <address-mask>
    address-mask
  </address-mask>
  <attached-router>
    attached-router
  </attached-router>
  <ospf-lsa-topology>....</ospf-lsa-topology>
</ospf-network-lsa>
```

Description

<ospf-network-lsa>

Usage

```
<ospf-database>
  <ospf-network-lsa>
    <address-mask>
      address-mask
    </address-mask>
    <attached-router>
```

```
        attached-router
      </attached-router>
    <ospf-lsa-topology>....</ospf-lsa-topology>
  </ospf-network-lsa>
</ospf-database>
```

Description

<ospf-network-lsa>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-network-lsa>
      <address-mask>
        address-mask
      </address-mask>
      <attached-router>
        attached-router
      </attached-router>
      <ospf-lsa-topology>....</ospf-lsa-topology>
    </ospf-network-lsa>
  </ospf-database>
</ospf-database-information>
```

Description

<ospf-next-hop>

Usage

```
<ospf-next-hop>
  <next-hop-name>....</next-hop-name>
  <next-hop-address>....</next-hop-address>
</ospf-next-hop>
```

Description

<ospf-next-hop>

Usage

```
<ospf-route>
  <ospf-route-entry>
    <ospf-next-hop>
      <next-hop-name>....</next-hop-name>
      <next-hop-address>....</next-hop-address>
    </ospf-next-hop>
  </ospf-route-entry>
</ospf-route>
```

Description

<ospf-next-hop>**Usage**

```

<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>
      <ospf-next-hop>
        <next-hop-name>....</next-hop-name>
        <next-hop-address>....</next-hop-address>
      </ospf-next-hop>
    </ospf-route-entry>
  </ospf-route>
</ospf-topology-route-table>

```

Description**<ospf-next-hop>****Usage**

```

<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-route>
      <ospf-route-entry>
        <ospf-next-hop>
          <next-hop-name>....</next-hop-name>
          <next-hop-address>....</next-hop-address>
        </ospf-next-hop>
      </ospf-route-entry>
    </ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>

```

Description**<ospf-next-hop>****Usage**

```

<ospf-backup-spf-node>
  <ospf-next-hop>
    <next-hop-name>....</next-hop-name>
    <next-hop-address>....</next-hop-address>
  </ospf-next-hop>
</ospf-backup-spf-node>

```

Description**<ospf-next-hop>****Usage**

```

<ospf-topology-area-backup-spf>
  <ospf-backup-spf-node>
    <ospf-next-hop>
      <next-hop-name>....</next-hop-name>

```

```
<next-hop-address>....</next-hop-address>
</ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
```

Description

<ospf-next-hop>

Usage

```
<ospf-topology-backup-spf>
<ospf-topology-area-backup-spf>
<ospf-backup-spf-node>
<ospf-next-hop>
  <next-hop-name>....</next-hop-name>
  <next-hop-address>....</next-hop-address>
</ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description

<ospf-next-hop>

Usage

```
<ospf-backup-spf-information>
<ospf-topology-backup-spf>
<ospf-topology-area-backup-spf>
<ospf-backup-spf-node>
<ospf-next-hop>
  <next-hop-name>....</next-hop-name>
  <next-hop-address>....</next-hop-address>
</ospf-next-hop>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description

<ospf-next-hop>

Usage

```
<ospf3-route>
<ospf3-route-entry>
<ospf-next-hop>
  <next-hop-name>....</next-hop-name>
  <next-hop-address>....</next-hop-address>
</ospf-next-hop>
</ospf3-route-entry>
</ospf3-route>
```

Description

<ospf-next-hop>

Usage

```

<ospf3-route-information>
  <ospf3-route>
    <ospf3-route-entry>
      <ospf-next-hop>
        <next-hop-name>....</next-hop-name>
        <next-hop-address>....</next-hop-address>
      </ospf-next-hop>
    </ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>

```

Description

<ospf-next-hop>

Usage

```

<ospf3-backup-spf-node>
  <ospf-next-hop>
    <next-hop-name>....</next-hop-name>
    <next-hop-address>....</next-hop-address>
  </ospf-next-hop>
</ospf3-backup-spf-node>

```

Description

<ospf-next-hop>

Usage

```

<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-next-hop>
      <next-hop-name>....</next-hop-name>
      <next-hop-address>....</next-hop-address>
    </ospf-next-hop>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>

```

Description

<ospf-next-hop>

Usage

```

<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-next-hop>
        <next-hop-name>....</next-hop-name>
        <next-hop-address>....</next-hop-address>
      </ospf-next-hop>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>

```

```
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description**<ospf-next-hop>****Usage**

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf-next-hop>
          <next-hop-name>....</next-hop-name>
          <next-hop-address>....</next-hop-address>
        </ospf-next-hop>
      </ospf3-backup-spf-node>
    </ospf3-topology-area-backup-spf>
  </ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description**<ospf-node-id>****Usage**

```
<ospf-node-id>
  <advertising-router>
    advertising-router
  </advertising-router>
  <lsa-id>
    lsa-id
  </lsa-id>
</ospf-node-id>
```

Description OSPF node ID

<ospf-node-id>**Usage**

```
<ospf-backup-spf-node>
  <ospf-node-id>
    <advertising-router>
      advertising-router
    </advertising-router>
    <lsa-id>
      lsa-id
    </lsa-id>
  </ospf-node-id>
</ospf-backup-spf-node>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf-topology-area-backup-spf>
  <ospf-backup-spf-node>
    <ospf-node-id>
      <advertising-router>
        advertising-router
      </advertising-router>
    <lsa-id>
      lsa-id
    </lsa-id>
  </ospf-node-id>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-node-id>
        <advertising-router>
          advertising-router
        </advertising-router>
      <lsa-id>
        lsa-id
      </lsa-id>
    </ospf-node-id>
  </ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-node-id>
          <advertising-router>
            advertising-router
          </advertising-router>
        <lsa-id>
```

```
    lsa-id
  </lsa-id>
</ospf-node-id>
</ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf3-backup-spf-node>
  <ospf-node-id>
    <advertising-router>
      advertising-router
    </advertising-router>
    <lsa-id>
      lsa-id
    </lsa-id>
  </ospf-node-id>
</ospf3-backup-spf-node>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-node-id>
      <advertising-router>
        advertising-router
      </advertising-router>
      <lsa-id>
        lsa-id
      </lsa-id>
    </ospf-node-id>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
```

Description OSPF node ID

<ospf-node-id>

Usage

```
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-node-id>
```



```

<advertising-router>
  advertising-router
</advertising-router>
<lsa-id>
  lsa-id
</lsa-id>
</ospf-node-id>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>

```

Description OSPF node ID

<ospf-node-id>

Usage

```

<ospf3-backup-spf-information>
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-node-id>
        <advertising-router>
          advertising-router
        </advertising-router>
        <lsa-id>
          lsa-id
        </lsa-id>
      </ospf-node-id>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>

```

Description OSPF node ID

<ospf-opaque-area-lsa>

Usage

```

<ospf-opaque-area-lsa>
  <tlv-block>....</tlv-block>
  <te-subtlv>....</te-subtlv>
</ospf-opaque-area-lsa>

```

Description

<ospf-opaque-area-lsa>

Usage

```

<ospf-database>
  <ospf-opaque-area-lsa>
    <tlv-block>....</tlv-block>
    <te-subtlv>....</te-subtlv>

```

```
</ospf-opaque-area-lsa>
</ospf-database>
```

Description

<ospf-opaque-area-lsa>

Usage

```
<ospf-database-information>
<ospf-database>
  <ospf-opaque-area-lsa>
    <tlv-block>....</tlv-block>
    <te-subtlv>....</te-subtlv>
  </ospf-opaque-area-lsa>
</ospf-database>
</ospf-database-information>
```

Description

<ospf-opaque-link-local-lsa>

Usage

```
<ospf-opaque-link-local-lsa>
  <ospf-link-local-grace-lsa>....</ospf-link-local-grace-lsa>
  <ospf-link-local-te-lsa>....</ospf-link-local-te-lsa>
</ospf-opaque-link-local-lsa>
```

Description

<ospf-opaque-link-local-lsa>

Usage

```
<ospf-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-grace-lsa>....</ospf-link-local-grace-lsa>
    <ospf-link-local-te-lsa>....</ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf-database>
```

Description

<ospf-opaque-link-local-lsa>

Usage

```
<ospf-database-information>
<ospf-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-grace-lsa>....</ospf-link-local-grace-lsa>
    <ospf-link-local-te-lsa>....</ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf-database>
</ospf-database-information>
```

Description

<ospf-opaque-link-local-lsa>

Usage

```
<ospf3-database>
  <ospf-opaque-link-local-lsa>
    <ospf-link-local-grace-lsa>....</ospf-link-local-grace-lsa>
    <ospf-link-local-te-lsa>....</ospf-link-local-te-lsa>
  </ospf-opaque-link-local-lsa>
</ospf3-database>
```

Description

<ospf-opaque-link-local-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf-opaque-link-local-lsa>
      <ospf-link-local-grace-lsa>....</ospf-link-local-grace-lsa>
      <ospf-link-local-te-lsa>....</ospf-link-local-te-lsa>
    </ospf-opaque-link-local-lsa>
  </ospf3-database>
</ospf3-database-information>
```

Description

<ospf-overview>

Usage

```
<ospf-overview>
  <instance-name>
    instance-name
  </instance-name>
  <ospf-router-id>
    ospf-router-id
  </ospf-router-id>
  <ospf-route-table-index>
    ospf-route-table-index
  </ospf-route-table-index>
  <ospf-configured-overload>
    ospf-configured-overload
  </ospf-configured-overload>
  <ospf-configured-overload-remaining-time>
    ospf-configured-overload-remaining-time
  </ospf-configured-overload-remaining-time>
  <ospf-abr>
    ospf-abr
  </ospf-abr>
  <ospf-asbr>
    ospf-asbr
  </ospf-asbr>
  <ospf-nssa-router>
    ospf-nssa-router
```

```
</ospf-nssa-router>
<ospf-lsa-refresh-time>
  ospf-lsa-refresh-time
</ospf-lsa-refresh-time>
<ospf-traffic-engineering>
  ospf-traffic-engineering
</ospf-traffic-engineering>
<ospf-restart>....</ospf-restart>
<ospf-restart-enabled>
  ospf-restart-enabled
</ospf-restart-enabled>
<ospf-restart-duration>
  ospf-restart-duration
</ospf-restart-duration>
<ospf-restart-grace-period>
  ospf-restart-grace-period
</ospf-restart-grace-period>
<ospf-restart-helper-mode>
  ospf-restart-helper-mode
</ospf-restart-helper-mode>
<no-rfc-1583>
  no-rfc-1583
</no-rfc-1583>
<ospf-dna-uncapable>
  ospf-dna-uncapable
</ospf-dna-uncapable>
<ospf-as-dc-bit-clear-count>
  ospf-as-dc-bit-clear-count
</ospf-as-dc-bit-clear-count>
<ospf-area-dc-bit-clear-count>
  ospf-area-dc-bit-clear-count
</ospf-area-dc-bit-clear-count>
<ospf-area-indications-count>
  ospf-area-indications-count
</ospf-area-indications-count>
<ospf-link-dc-bit-clear-count>
  ospf-link-dc-bit-clear-count
</ospf-link-dc-bit-clear-count>
<tracing-information>....</tracing-information>
<ospf-db-protection-overview>....</ospf-db-protection-overview>
<ospf-area-overview>....</ospf-area-overview>
<ospf-topology-overview>....</ospf-topology-overview>
</ospf-overview>
```

Description Overview information for an OSPF instance

<ospf-overview>

Usage

```
<ospf-overview-information>
<ospf-overview>
  <instance-name>
    instance-name
  </instance-name>
```

```
<ospf-router-id>
  ospf-router-id
</ospf-router-id>
<ospf-route-table-index>
  ospf-route-table-index
</ospf-route-table-index>
<ospf-configured-overload>
  ospf-configured-overload
</ospf-configured-overload>
<ospf-configured-overload-remaining-time>
  ospf-configured-overload-remaining-time
</ospf-configured-overload-remaining-time>
<ospf-abr>
  ospf-abr
</ospf-abr>
<ospf-asbr>
  ospf-asbr
</ospf-asbr>
<ospf-nssa-router>
  ospf-nssa-router
</ospf-nssa-router>
<ospf-lsa-refresh-time>
  ospf-lsa-refresh-time
</ospf-lsa-refresh-time>
<ospf-traffic-engineering>
  ospf-traffic-engineering
</ospf-traffic-engineering>
<ospf-restart>....</ospf-restart>
<ospf-restart-enabled>
  ospf-restart-enabled
</ospf-restart-enabled>
<ospf-restart-duration>
  ospf-restart-duration
</ospf-restart-duration>
<ospf-restart-grace-period>
  ospf-restart-grace-period
</ospf-restart-grace-period>
<ospf-restart-helper-mode>
  ospf-restart-helper-mode
</ospf-restart-helper-mode>
<no-rfc-1583>
  no-rfc-1583
</no-rfc-1583>
<ospf-dna-uncapable>
  ospf-dna-uncapable
</ospf-dna-uncapable>
<ospf-as-dc-bit-clear-count>
  ospf-as-dc-bit-clear-count
</ospf-as-dc-bit-clear-count>
<ospf-area-dc-bit-clear-count>
  ospf-area-dc-bit-clear-count
</ospf-area-dc-bit-clear-count>
<ospf-area-indications-count>
  ospf-area-indications-count
</ospf-area-indications-count>
<ospf-link-dc-bit-clear-count>
```

```
    ospf-link-dc-bit-clear-count
  </ospf-link-dc-bit-clear-count>
  <tracing-information>....</tracing-information>
  <ospf-db-protection-overview>....</ospf-db-protection-overview>
  <ospf-area-overview>....</ospf-area-overview>
  <ospf-topology-overview>....</ospf-topology-overview>
</ospf-overview>
</ospf-overview-information>
```

Description Overview information for an OSPF instance

<ospf-overview>

Usage

```
<ospf3-overview-information>
  <ospf-overview>
    <instance-name>
      instance-name
    </instance-name>
    <ospf-router-id>
      ospf-router-id
    </ospf-router-id>
    <ospf-route-table-index>
      ospf-route-table-index
    </ospf-route-table-index>
    <ospf-configured-overload>
      ospf-configured-overload
    </ospf-configured-overload>
    <ospf-configured-overload-remaining-time>
      ospf-configured-overload-remaining-time
    </ospf-configured-overload-remaining-time>
    <ospf-abr>
      ospf-abr
    </ospf-abr>
    <ospf-asbr>
      ospf-asbr
    </ospf-asbr>
    <ospf-nssa-router>
      ospf-nssa-router
    </ospf-nssa-router>
    <ospf-lsa-refresh-time>
      ospf-lsa-refresh-time
    </ospf-lsa-refresh-time>
    <ospf-traffic-engineering>
      ospf-traffic-engineering
    </ospf-traffic-engineering>
    <ospf-restart>....</ospf-restart>
    <ospf-restart-enabled>
      ospf-restart-enabled
    </ospf-restart-enabled>
    <ospf-restart-duration>
      ospf-restart-duration
    </ospf-restart-duration>
    <ospf-restart-grace-period>
```

```

    ospf-restart-grace-period
  </ospf-restart-grace-period>
  <ospf-restart-helper-mode>
    ospf-restart-helper-mode
  </ospf-restart-helper-mode>
  <no-rfc-1583>
    no-rfc-1583
  </no-rfc-1583>
  <ospf-dna-uncapable>
    ospf-dna-uncapable
  </ospf-dna-uncapable>
  <ospf-as-dc-bit-clear-count>
    ospf-as-dc-bit-clear-count
  </ospf-as-dc-bit-clear-count>
  <ospf-area-dc-bit-clear-count>
    ospf-area-dc-bit-clear-count
  </ospf-area-dc-bit-clear-count>
  <ospf-area-indications-count>
    ospf-area-indications-count
  </ospf-area-indications-count>
  <ospf-link-dc-bit-clear-count>
    ospf-link-dc-bit-clear-count
  </ospf-link-dc-bit-clear-count>
  <tracing-information>....</tracing-information>
  <ospf-db-protection-overview>....</ospf-db-protection-overview>
  <ospf-area-overview>....</ospf-area-overview>
  <ospf-topology-overview>....</ospf-topology-overview>
</ospf-overview>
</ospf3-overview-information>

```

Description Overview information for an OSPF instance

<ospf-overview-information>

Usage

```

<ospf-overview-information>
  <ospf-overview>....</ospf-overview>
</ospf-overview-information>

```

Description

<ospf-parent-node-id>

Usage

```

<ospf-parent-node-id>
  <ospf-parent-advertising-router>
    ospf-parent-advertising-router
  </ospf-parent-advertising-router>
  <ospf-parent-lsa-id>
    ospf-parent-lsa-id
  </ospf-parent-lsa-id>
</ospf-parent-node-id>

```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf-backup-spf-node>
  <ospf-parent-node-id>
    <ospf-parent-advertising-router>
      ospf-parent-advertising-router
    </ospf-parent-advertising-router>
    <ospf-parent-lsa-id>
      ospf-parent-lsa-id
    </ospf-parent-lsa-id>
  </ospf-parent-node-id>
</ospf-backup-spf-node>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf-topology-area-backup-spf>
  <ospf-backup-spf-node>
    <ospf-parent-node-id>
      <ospf-parent-advertising-router>
        ospf-parent-advertising-router
      </ospf-parent-advertising-router>
      <ospf-parent-lsa-id>
        ospf-parent-lsa-id
      </ospf-parent-lsa-id>
    </ospf-parent-node-id>
  </ospf-backup-spf-node>
</ospf-topology-area-backup-spf>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-backup-spf-node>
      <ospf-parent-node-id>
        <ospf-parent-advertising-router>
          ospf-parent-advertising-router
        </ospf-parent-advertising-router>
        <ospf-parent-lsa-id>
          ospf-parent-lsa-id
        </ospf-parent-lsa-id>
      </ospf-parent-node-id>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
```



```
</ospf-topology-backup-spf>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-backup-spf-node>
        <ospf-parent-node-id>
          <ospf-parent-advertising-router>
            ospf-parent-advertising-router
          </ospf-parent-advertising-router>
        <ospf-parent-lsa-id>
          ospf-parent-lsa-id
        </ospf-parent-lsa-id>
      </ospf-parent-node-id>
    </ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf3-backup-spf-node>
  <ospf-parent-node-id>
    <ospf-parent-advertising-router>
      ospf-parent-advertising-router
    </ospf-parent-advertising-router>
  <ospf-parent-lsa-id>
    ospf-parent-lsa-id
  </ospf-parent-lsa-id>
</ospf-parent-node-id>
</ospf3-backup-spf-node>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-parent-node-id>
      <ospf-parent-advertising-router>
        ospf-parent-advertising-router
      </ospf-parent-advertising-router>
    </ospf-parent-node-id>
  </ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
```

```
<ospf-parent-lsa-id>
  ospf-parent-lsa-id
</ospf-parent-lsa-id>
</ospf-parent-node-id>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf3-topology-backup-spf>
<ospf3-topology-area-backup-spf>
<ospf3-backup-spf-node>
  <ospf-parent-node-id>
    <ospf-parent-advertising-router>
      ospf-parent-advertising-router
    </ospf-parent-advertising-router>
    <ospf-parent-lsa-id>
      ospf-parent-lsa-id
    </ospf-parent-lsa-id>
  </ospf-parent-node-id>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description OSPF parent node ID

<ospf-parent-node-id>

Usage

```
<ospf3-backup-spf-information>
<ospf3-topology-backup-spf>
<ospf3-topology-area-backup-spf>
<ospf3-backup-spf-node>
  <ospf-parent-node-id>
    <ospf-parent-advertising-router>
      ospf-parent-advertising-router
    </ospf-parent-advertising-router>
    <ospf-parent-lsa-id>
      ospf-parent-lsa-id
    </ospf-parent-lsa-id>
  </ospf-parent-node-id>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description OSPF parent node ID

<ospf-restart>**Usage**

```
<ospf-overview>
  <ospf-restart>
</ospf-restart>
</ospf-overview>
```

Description OSPF restart parameters

<ospf-restart>**Usage**

```
<ospf-overview-information>
  <ospf-overview>
    <ospf-restart>
  </ospf-restart>
</ospf-overview>
</ospf-overview-information>
```

Description OSPF restart parameters

<ospf-restart>**Usage**

```
<ospf3-overview-information>
  <ospf-overview>
    <ospf-restart>
  </ospf-restart>
</ospf-overview>
</ospf3-overview-information>
```

Description OSPF restart parameters

<ospf-route>**Usage**

```
<ospf-route>
  <ospf-route-entry>....</ospf-route-entry>
</ospf-route>
```

Description

<ospf-route>**Usage**

```
<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>....</ospf-route-entry>
  </ospf-route>
```

```
</ospf-topology-route-table>
```

Description

<ospf-route>

Usage

```
<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-route>
      <ospf-route-entry>....</ospf-route-entry>
    </ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>
```

Description

<ospf-route-entry>

Usage

```
<ospf-route>
  <ospf-route-entry>
    <address-prefix>
      address-prefix
    </address-prefix>
    <route-path-type>
      route-path-type
    </route-path-type>
    <route-type>
      route-type
    </route-type>
    <next-hop-type>
      next-hop-type
    </next-hop-type>
    <interface-cost>
      interface-cost
    </interface-cost>
    <ospf-next-hop>....</ospf-next-hop>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
    <ospf-area>
      ospf-area
    </ospf-area>
    <optional-capability>
      optional-capability
    </optional-capability>
    <route-origin>
      route-origin
    </route-origin>
    <route-priority>
      route-priority
    </route-priority>
    <type7>
      type7
    </type7>
```

```

    <pbit>
      pbit
    </pbit>
    <forward-nz>
      forward-nz
    </forward-nz>
  </ospf-route-entry>
</ospf-route>

```

Description

<ospf-route-entry>

Usage

```

<ospf-topology-route-table>
  <ospf-route>
    <ospf-route-entry>
      <address-prefix>
        address-prefix
      </address-prefix>
      <route-path-type>
        route-path-type
      </route-path-type>
      <route-type>
        route-type
      </route-type>
      <next-hop-type>
        next-hop-type
      </next-hop-type>
      <interface-cost>
        interface-cost
      </interface-cost>
      <ospf-next-hop>....</ospf-next-hop>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
      <ospf-area>
        ospf-area
      </ospf-area>
      <optional-capability>
        optional-capability
      </optional-capability>
      <route-origin>
        route-origin
      </route-origin>
      <route-priority>
        route-priority
      </route-priority>
      <type7>
        type7
      </type7>
      <pbit>
        pbit
      </pbit>
      <forward-nz>
        forward-nz
      </forward-nz>
    </ospf-route-entry>
  </ospf-route>
</ospf-topology-route-table>

```

```
</ospf-route-entry>
</ospf-route>
</ospf-topology-route-table>
```

Description

<ospf-route-entry>

Usage

```
<ospf-route-information>
<ospf-topology-route-table>
<ospf-route>
  <ospf-route-entry>
    <address-prefix>
      address-prefix
    </address-prefix>
    <route-path-type>
      route-path-type
    </route-path-type>
    <route-type>
      route-type
    </route-type>
    <next-hop-type>
      next-hop-type
    </next-hop-type>
    <interface-cost>
      interface-cost
    </interface-cost>
    <ospf-next-hop>....</ospf-next-hop>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
    <ospf-area>
      ospf-area
    </ospf-area>
    <optional-capability>
      optional-capability
    </optional-capability>
    <route-origin>
      route-origin
    </route-origin>
    <route-priority>
      route-priority
    </route-priority>
    <type7>
      type7
    </type7>
    <pbit>
      pbit
    </pbit>
    <forward-nz>
      forward-nz
    </forward-nz>
  </ospf-route-entry>
</ospf-route>
</ospf-topology-route-table>
```

```
</ospf-route-information>
```

Description

<ospf-route-information>

Usage

```
<ospf-route-information>
  <ospf-topology-route-table>....</ospf-topology-route-table>
</ospf-route-information>
```

Description

<ospf-router-link-topology>

Usage

```
<ospf-router-link-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-topology-metric>
    ospf-topology-metric
  </ospf-topology-metric>
</ospf-router-link-topology>
```

Description OSPF topology specific information for a router link

<ospf-router-link-topology>

Usage

```
<ospf-router-lsa>
  <ospf-link>
    <ospf-router-link-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-topology-metric>
        ospf-topology-metric
      </ospf-topology-metric>
    </ospf-router-link-topology>
  </ospf-link>
</ospf-router-lsa>
```

Description OSPF topology specific information for a router link

<ospf-router-link-topology>

Usage

```
<ospf-database>
  <ospf-router-lsa>
    <ospf-link>
      <ospf-router-link-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-topology-metric>
          ospf-topology-metric
        </ospf-topology-metric>
      </ospf-router-link-topology>
    </ospf-link>
  </ospf-router-lsa>
</ospf-database>
```

Description OSPF topology specific information for a router link

<ospf-router-link-topology>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-router-lsa>
      <ospf-link>
        <ospf-router-link-topology>
          <ospf-topology-name>
            ospf-topology-name
          </ospf-topology-name>
          <ospf-topology-id>
            ospf-topology-id
          </ospf-topology-id>
          <ospf-topology-metric>
            ospf-topology-metric
          </ospf-topology-metric>
        </ospf-router-link-topology>
      </ospf-link>
    </ospf-router-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology specific information for a router link

<ospf-router-lsa>

Usage

```
<ospf-router-lsa>
```



```

<bits>
  bits
</bits>
<link-count>
  link-count
</link-count>
<ospf-link>....</ospf-link>
<ospf-lsa-topology>....</ospf-lsa-topology>
</ospf-router-lsa>

```

Description

<ospf-router-lsa>

Usage

```

<ospf-database>
<ospf-router-lsa>
  <bits>
    bits
  </bits>
  <link-count>
    link-count
  </link-count>
  <ospf-link>....</ospf-link>
  <ospf-lsa-topology>....</ospf-lsa-topology>
</ospf-router-lsa>
</ospf-database>

```

Description

<ospf-router-lsa>

Usage

```

<ospf-database-information>
<ospf-database>
  <ospf-router-lsa>
    <bits>
      bits
    </bits>
    <link-count>
      link-count
    </link-count>
    <ospf-link>....</ospf-link>
    <ospf-lsa-topology>....</ospf-lsa-topology>
  </ospf-router-lsa>
</ospf-database>
</ospf-database-information>

```

Description

<ospf-statistics>

Usage

```

<ospf-statistics>

```

```
<packet-statistics>....</packet-statistics>
<dbds-retransmit>
  dbds-retransmit
</dbds-retransmit>
<dbds-retransmit-5seconds>
  dbds-retransmit-5seconds
</dbds-retransmit-5seconds>
<lsas-flooded>
  lsas-flooded
</lsas-flooded>
<lsas-flooded-5seconds>
  lsas-flooded-5seconds
</lsas-flooded-5seconds>
<lsas-high-prio-flooded>
  lsas-high-prio-flooded
</lsas-high-prio-flooded>
<lsas-high-prio-flooded-5seconds>
  lsas-high-prio-flooded-5seconds
</lsas-high-prio-flooded-5seconds>
<lsas-retransmit>
  lsas-retransmit
</lsas-retransmit>
<lsas-retransmit-5seconds>
  lsas-retransmit-5seconds
</lsas-retransmit-5seconds>
<lsas-nbr-transmit>
  lsas-nbr-transmit
</lsas-nbr-transmit>
<lsas-nbr-transmit-5seconds>
  lsas-nbr-transmit-5seconds
</lsas-nbr-transmit-5seconds>
<lsas-requested>
  lsas-requested
</lsas-requested>
<lsas-requested-5seconds>
  lsas-requested-5seconds
</lsas-requested-5seconds>
<lsas-acknowledged>
  lsas-acknowledged
</lsas-acknowledged>
<lsas-acknowledged-5seconds>
  lsas-acknowledged-5seconds
</lsas-acknowledged-5seconds>
<flood-queue-depth>
  flood-queue-depth
</flood-queue-depth>
<total-retransmits>
  total-retransmits
</total-retransmits>
<total-database-summaries>
  total-database-summaries
</total-database-summaries>
<total-linkstate-request>
  total-linkstate-request
</total-linkstate-request>
<ospf-errors>....</ospf-errors>
```

```
</ospf-statistics>
```

Description

```
<ospf-statistics>
```

Usage

```
<ospf-statistics-information>
  <ospf-statistics>
    <packet-statistics>....</packet-statistics>
    <dbds-retransmit>
      dbds-retransmit
    </dbds-retransmit>
    <dbds-retransmit-5seconds>
      dbds-retransmit-5seconds
    </dbds-retransmit-5seconds>
    <lsas-flooded>
      lsas-flooded
    </lsas-flooded>
    <lsas-flooded-5seconds>
      lsas-flooded-5seconds
    </lsas-flooded-5seconds>
    <lsas-high-prio-flooded>
      lsas-high-prio-flooded
    </lsas-high-prio-flooded>
    <lsas-high-prio-flooded-5seconds>
      lsas-high-prio-flooded-5seconds
    </lsas-high-prio-flooded-5seconds>
    <lsas-retransmit>
      lsas-retransmit
    </lsas-retransmit>
    <lsas-retransmit-5seconds>
      lsas-retransmit-5seconds
    </lsas-retransmit-5seconds>
    <lsas-nbr-transmit>
      lsas-nbr-transmit
    </lsas-nbr-transmit>
    <lsas-nbr-transmit-5seconds>
      lsas-nbr-transmit-5seconds
    </lsas-nbr-transmit-5seconds>
    <lsas-requested>
      lsas-requested
    </lsas-requested>
    <lsas-requested-5seconds>
      lsas-requested-5seconds
    </lsas-requested-5seconds>
    <lsas-acknowledged>
      lsas-acknowledged
    </lsas-acknowledged>
    <lsas-acknowledged-5seconds>
      lsas-acknowledged-5seconds
    </lsas-acknowledged-5seconds>
    <flood-queue-depth>
      flood-queue-depth
    </flood-queue-depth>
```

```
<total-retransmits>
  total-retransmits
</total-retransmits>
<total-database-summaries>
  total-database-summaries
</total-database-summaries>
<total-linkstate-request>
  total-linkstate-request
</total-linkstate-request>
<ospf-errors>....</ospf-errors>
</ospf-statistics>
</ospf-statistics-information>
```

Description

<ospf-statistics>

Usage

```
<ospf3-statistics-information>
<ospf-statistics>
  <packet-statistics>....</packet-statistics>
  <dbds-retransmit>
    dbds-retransmit
  </dbds-retransmit>
  <dbds-retransmit-5seconds>
    dbds-retransmit-5seconds
  </dbds-retransmit-5seconds>
  <lsas-flooded>
    lsas-flooded
  </lsas-flooded>
  <lsas-flooded-5seconds>
    lsas-flooded-5seconds
  </lsas-flooded-5seconds>
  <lsas-high-prio-flooded>
    lsas-high-prio-flooded
  </lsas-high-prio-flooded>
  <lsas-high-prio-flooded-5seconds>
    lsas-high-prio-flooded-5seconds
  </lsas-high-prio-flooded-5seconds>
  <lsas-retransmit>
    lsas-retransmit
  </lsas-retransmit>
  <lsas-retransmit-5seconds>
    lsas-retransmit-5seconds
  </lsas-retransmit-5seconds>
  <lsas-nbr-transmit>
    lsas-nbr-transmit
  </lsas-nbr-transmit>
  <lsas-nbr-transmit-5seconds>
    lsas-nbr-transmit-5seconds
  </lsas-nbr-transmit-5seconds>
  <lsas-requested>
    lsas-requested
  </lsas-requested>
  <lsas-requested-5seconds>
```

```

    lsas-requested-5seconds
  </lsas-requested-5seconds>
  <lsas-acknowledged>
    lsas-acknowledged
  </lsas-acknowledged>
  <lsas-acknowledged-5seconds>
    lsas-acknowledged-5seconds
  </lsas-acknowledged-5seconds>
  <flood-queue-depth>
    flood-queue-depth
  </flood-queue-depth>
  <total-retransmits>
    total-retransmits
  </total-retransmits>
  <total-database-summaries>
    total-database-summaries
  </total-database-summaries>
  <total-linkstate-request>
    total-linkstate-request
  </total-linkstate-request>
  <ospf-errors>....</ospf-errors>
</ospf-statistics>
</ospf3-statistics-information>

```

Description

<ospf-statistics-information>

Usage

```

<ospf-statistics-information>
  <ospf-statistics>....</ospf-statistics>
</ospf-statistics-information>

```

Description

<ospf-summary-lsa>

Usage

```

<ospf-summary-lsa>
  <address-mask>
    address-mask
  </address-mask>
  <ospf-summary-lsa-topology>....</ospf-summary-lsa-topology>
</ospf-summary-lsa>

```

Description

<ospf-summary-lsa>

Usage

```

<ospf-database>
  <ospf-summary-lsa>
    <address-mask>
      address-mask
    </address-mask>
  </ospf-summary-lsa>
</ospf-database>

```

```
</address-mask>
<ospf-summary-lsa-topology>....</ospf-summary-lsa-topology>
</ospf-summary-lsa>
</ospf-database>
```

Description

<ospf-summary-lsa>

Usage

```
<ospf-database-information>
<ospf-database>
  <ospf-summary-lsa>
    <address-mask>
      address-mask
    </address-mask>
    <ospf-summary-lsa-topology>....</ospf-summary-lsa-topology>
  </ospf-summary-lsa>
</ospf-database>
</ospf-database-information>
```

Description

<ospf-summary-lsa-topology>

Usage

```
<ospf-summary-lsa-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-topology-metric>
    ospf-topology-metric
  </ospf-topology-metric>
</ospf-summary-lsa-topology>
```

Description OSPF topology specific information for a summary LSA

<ospf-summary-lsa-topology>

Usage

```
<ospf-summary-lsa>
  <ospf-summary-lsa-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-topology-metric>
      ospf-topology-metric
```

```
</ospf-topology-metric>
</ospf-summary-lsa-topology>
</ospf-summary-lsa>
```

Description OSPF topology specific information for a summary LSA

<ospf-summary-lsa-topology>

Usage

```
<ospf-database>
  <ospf-summary-lsa>
    <ospf-summary-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-topology-metric>
        ospf-topology-metric
      </ospf-topology-metric>
    </ospf-summary-lsa-topology>
  </ospf-summary-lsa>
</ospf-database>
```

Description OSPF topology specific information for a summary LSA

<ospf-summary-lsa-topology>

Usage

```
<ospf-database-information>
  <ospf-database>
    <ospf-summary-lsa>
      <ospf-summary-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-topology-metric>
          ospf-topology-metric
        </ospf-topology-metric>
      </ospf-summary-lsa-topology>
    </ospf-summary-lsa>
  </ospf-database>
</ospf-database-information>
```

Description OSPF topology specific information for a summary LSA

<ospf-topology-area-backup-neighbor>

Usage

```
<ospf-topology-area-backup-neighbor>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf-backup-neighbor-node>....</ospf-backup-neighbor-node>
</ospf-topology-area-backup-neighbor>
```

Description OSPF topology area specific backup neighbors

<ospf-topology-area-backup-neighbor>

Usage

```
<ospf-topology-backup-neighbor>
  <ospf-topology-area-backup-neighbor>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-backup-neighbor-node>....</ospf-backup-neighbor-node>
  </ospf-topology-area-backup-neighbor>
</ospf-topology-backup-neighbor>
```

Description OSPF topology area specific backup neighbors

<ospf-topology-area-backup-neighbor>

Usage

```
<ospf-backup-neighbor-information>
  <ospf-topology-backup-neighbor>
    <ospf-topology-area-backup-neighbor>
      <ospf-area>
        ospf-area
      </ospf-area>
      <ospf-backup-neighbor-node>....</ospf-backup-neighbor-node>
    </ospf-topology-area-backup-neighbor>
  </ospf-topology-backup-neighbor>
</ospf-backup-neighbor-information>
```

Description OSPF topology area specific backup neighbors

<ospf-topology-area-backup-spf>

Usage

```
<ospf-topology-area-backup-spf>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf-backup-spf-node>....</ospf-backup-spf-node>
```


</ospf-topology-area-backup-spf>

Description OSPF topology area specific backup SPF results

<ospf-topology-area-backup-spf>

Usage

```
<ospf-topology-backup-spf>
  <ospf-topology-area-backup-spf>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-backup-spf-node>....</ospf-backup-spf-node>
  </ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description OSPF topology area specific backup SPF results

<ospf-topology-area-backup-spf>

Usage

```
<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-area-backup-spf>
      <ospf-area>
        ospf-area
      </ospf-area>
      <ospf-backup-spf-node>....</ospf-backup-spf-node>
    </ospf-topology-area-backup-spf>
  </ospf-topology-backup-spf>
</ospf-backup-spf-information>
```

Description OSPF topology area specific backup SPF results

<ospf-topology-backup-coverage>

Usage

```
<ospf-topology-backup-coverage>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-backup-node-coverage>....</ospf-backup-node-coverage>
  <ospf-backup-route-coverage>....</ospf-backup-route-coverage>
</ospf-topology-backup-coverage>
```

Description

<ospf-topology-backup-coverage>

Usage

```
<ospf-backup-coverage-information>
```

```
<ospf-topology-backup-coverage>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-backup-node-coverage>....</ospf-backup-node-coverage>
  <ospf-backup-route-coverage>....</ospf-backup-route-coverage>
</ospf-topology-backup-coverage>
</ospf-backup-coverage-information>
```

Description**<ospf-topology-backup-neighbor>****Usage**

```
<ospf-topology-backup-neighbor>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
<ospf-topology-area-backup-neighbor>....</ospf-topology-area-backup-neighbor>

</ospf-topology-backup-neighbor>
```

Description OSPF topology specific backup neighbors

<ospf-topology-backup-neighbor>**Usage**

```
<ospf-backup-neighbor-information>
  <ospf-topology-backup-neighbor>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>

  <ospf-topology-area-backup-neighbor>....</ospf-topology-area-backup-neighbor>
  </ospf-topology-backup-neighbor>
</ospf-backup-neighbor-information>
```

Description OSPF topology specific backup neighbors

<ospf-topology-backup-spf>**Usage**

```
<ospf-topology-backup-spf>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-area-backup-spf>....</ospf-topology-area-backup-spf>
</ospf-topology-backup-spf>
```

Description OSPF topology specific backup SPF results

<ospf-topology-backup-spf>

Usage

```

<ospf-backup-spf-information>
  <ospf-topology-backup-spf>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-area-backup-spf>....</ospf-topology-area-backup-spf>
  </ospf-topology-backup-spf>
</ospf-backup-spf-information>

```

Description OSPF topology specific backup SPF results

<ospf-topology-log>

Usage

```

<ospf-topology-log>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-log-instance>....</ospf-log-instance>
  <ospf-log-maximum-length>....</ospf-log-maximum-length>
  <ospf-log-events>....</ospf-log-events>
</ospf-topology-log>

```

Description OSPF topology specific SPF log information

<ospf-topology-log>

Usage

```

<ospf-log-information>
  <ospf-topology-log>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-log-instance>....</ospf-log-instance>
    <ospf-log-maximum-length>....</ospf-log-maximum-length>
    <ospf-log-events>....</ospf-log-events>
  </ospf-topology-log>
</ospf-log-information>

```

Description OSPF topology specific SPF log information

<ospf-topology-overview>

Usage

```

<ospf-topology-overview>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>

```

```
<ospf-topology-id>
  ospf-topology-id
</ospf-topology-id>
<ospf-topology-configured-overload>
  ospf-topology-configured-overload
</ospf-topology-configured-overload>
<ospf-topology-dynamic-overload>
  ospf-topology-dynamic-overload
</ospf-topology-dynamic-overload>
<ospf-prefix-export-count>
  ospf-prefix-export-count
</ospf-prefix-export-count>
<ospf-prefix-export-limit>
  ospf-prefix-export-limit
</ospf-prefix-export-limit>
<ospf-full-spf-count>
  ospf-full-spf-count
</ospf-full-spf-count>
<ospf-spf-delay>
  ospf-spf-delay
</ospf-spf-delay>
<ospf-spf-holddown>
  ospf-spf-holddown
</ospf-spf-holddown>
<ospf-spf-rapid-runs>
  ospf-spf-rapid-runs
</ospf-spf-rapid-runs>
<ospf-backup-spf-status>
  ospf-backup-spf-status
</ospf-backup-spf-status>
<ospf-backup-spf-downstream-only>
  ospf-backup-spf-downstream-only
</ospf-backup-spf-downstream-only>
<ospf-te-shortcuts>
  ospf-te-shortcuts
</ospf-te-shortcuts>
</ospf-topology-overview>
```

Description OSPF topology specific overview information

<ospf-topology-overview>

Usage

```
<ospf-overview>
  <ospf-topology-overview>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-topology-configured-overload>
      ospf-topology-configured-overload
    </ospf-topology-configured-overload>
```

```

<ospf-topology-dynamic-overload>
  ospf-topology-dynamic-overload
</ospf-topology-dynamic-overload>
<ospf-prefix-export-count>
  ospf-prefix-export-count
</ospf-prefix-export-count>
<ospf-prefix-export-limit>
  ospf-prefix-export-limit
</ospf-prefix-export-limit>
<ospf-full-spf-count>
  ospf-full-spf-count
</ospf-full-spf-count>
<ospf-spf-delay>
  ospf-spf-delay
</ospf-spf-delay>
<ospf-spf-holddown>
  ospf-spf-holddown
</ospf-spf-holddown>
<ospf-spf-rapid-runs>
  ospf-spf-rapid-runs
</ospf-spf-rapid-runs>
<ospf-backup-spf-status>
  ospf-backup-spf-status
</ospf-backup-spf-status>
<ospf-backup-spf-downstream-only>
  ospf-backup-spf-downstream-only
</ospf-backup-spf-downstream-only>
<ospf-te-shortcuts>
  ospf-te-shortcuts
</ospf-te-shortcuts>
</ospf-topology-overview>
</ospf-overview>

```

Description OSPF topology specific overview information

<ospf-topology-overview>

Usage

```

<ospf-overview-information>
<ospf-overview>
  <ospf-topology-overview>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-topology-configured-overload>
      ospf-topology-configured-overload
    </ospf-topology-configured-overload>
    <ospf-topology-dynamic-overload>
      ospf-topology-dynamic-overload
    </ospf-topology-dynamic-overload>
    <ospf-prefix-export-count>

```

```
    ospf-prefix-export-count
  </ospf-prefix-export-count>
  <ospf-prefix-export-limit>
    ospf-prefix-export-limit
  </ospf-prefix-export-limit>
  <ospf-full-spf-count>
    ospf-full-spf-count
  </ospf-full-spf-count>
  <ospf-spf-delay>
    ospf-spf-delay
  </ospf-spf-delay>
  <ospf-spf-holddown>
    ospf-spf-holddown
  </ospf-spf-holddown>
  <ospf-spf-rapid-runs>
    ospf-spf-rapid-runs
  </ospf-spf-rapid-runs>
  <ospf-backup-spf-status>
    ospf-backup-spf-status
  </ospf-backup-spf-status>
  <ospf-backup-spf-downstream-only>
    ospf-backup-spf-downstream-only
  </ospf-backup-spf-downstream-only>
  <ospf-te-shortcuts>
    ospf-te-shortcuts
  </ospf-te-shortcuts>
</ospf-topology-overview>
</ospf-overview>
</ospf-overview-information>
```

Description OSPF topology specific overview information

<ospf-topology-overview>

Usage

```
<ospf3-overview-information>
  <ospf-overview>
    <ospf-topology-overview>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-topology-configured-overload>
        ospf-topology-configured-overload
      </ospf-topology-configured-overload>
      <ospf-topology-dynamic-overload>
        ospf-topology-dynamic-overload
      </ospf-topology-dynamic-overload>
      <ospf-prefix-export-count>
        ospf-prefix-export-count
      </ospf-prefix-export-count>
      <ospf-prefix-export-limit>
```

```

    ospf-prefix-export-limit
  </ospf-prefix-export-limit>
  <ospf-full-spf-count>
    ospf-full-spf-count
  </ospf-full-spf-count>
  <ospf-spf-delay>
    ospf-spf-delay
  </ospf-spf-delay>
  <ospf-spf-holddown>
    ospf-spf-holddown
  </ospf-spf-holddown>
  <ospf-spf-rapid-runs>
    ospf-spf-rapid-runs
  </ospf-spf-rapid-runs>
  <ospf-backup-spf-status>
    ospf-backup-spf-status
  </ospf-backup-spf-status>
  <ospf-backup-spf-downstream-only>
    ospf-backup-spf-downstream-only
  </ospf-backup-spf-downstream-only>
  <ospf-te-shortcuts>
    ospf-te-shortcuts
  </ospf-te-shortcuts>
</ospf-topology-overview>
</ospf-overview>
</ospf3-overview-information>

```

Description OSPF topology specific overview information

<ospf-topology-route-table>

Usage

```

<ospf-topology-route-table>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-route>....</ospf-route>
</ospf-topology-route-table>

```

Description OSPF topology specific routing table

<ospf-topology-route-table>

Usage

```

<ospf-route-information>
  <ospf-topology-route-table>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-route>....</ospf-route>
  </ospf-topology-route-table>
</ospf-route-information>

```

Description OSPF topology specific routing table

<ospf3-area-header>

Usage

```
<ospf3-area-header>
  <ospf-area>
    ospf-area
  </ospf-area>
</ospf3-area-header>
```

Description

<ospf3-area-header>

Usage

```
<ospf3-database-information>
  <ospf3-area-header>
    <ospf-area>
      ospf-area
    </ospf-area>
  </ospf3-area-header>
</ospf3-database-information>
```

Description

<ospf3-backup-coverage-information>

Usage

```
<ospf3-backup-coverage-information>
  <ospf3-topology-backup-coverage>....</ospf3-topology-backup-coverage>
</ospf3-backup-coverage-information>
```

Description OSPFv3 backup coverage information

<ospf3-backup-mpls>

Usage

```
<ospf3-backup-mpls>
  <lsp-name>
    lsp-name
  </lsp-name>
  <lsp-addr>
    lsp-addr
  </lsp-addr>
  <lsp-status>
    lsp-status
  </lsp-status>
  <metric>
    metric
  </metric>
  <te-metric>
```



```

    te-metric
  </te-metric>
  <lsp-last-change>
    lsp-last-change
  </lsp-last-change>
</ospf3-backup-mplsp>

```

Description

<ospf3-backup-mplsp>

Usage

```

<ospf3-backup-mplsp-information>
  <ospf3-backup-mplsp>
    <lsp-name>
      lsp-name
    </lsp-name>
    <lsp-addr>
      lsp-addr
    </lsp-addr>
    <lsp-status>
      lsp-status
    </lsp-status>
    <metric>
      metric
    </metric>
    <te-metric>
      te-metric
    </te-metric>
    <lsp-last-change>
      lsp-last-change
    </lsp-last-change>
  </ospf3-backup-mplsp>
</ospf3-backup-mplsp-information>

```

Description

<ospf3-backup-mplsp-information>

Usage

```

<ospf3-backup-mplsp-information>
  <ospf3-backup-mplsp>....</ospf3-backup-mplsp>
</ospf3-backup-mplsp-information>

```

Description OSPFv3 backup MPLSP information

<ospf3-backup-neighbor-information>

Usage

```

<ospf3-backup-neighbor-information>
  <ospf3-topology-backup-neighbor>....</ospf3-topology-backup-neighbor>
</ospf3-backup-neighbor-information>

```

Description OSPFv3 backup neighbor information

<ospf3-backup-neighbor-node>

Usage

```
<ospf3-backup-neighbor-node>
  <ospf-backup-neighbor>
    ospf-backup-neighbor
  </ospf-backup-neighbor>
  <ospf-backup-neighbor-is-lsp-endpoint>
    ospf-backup-neighbor-is-lsp-endpoint
  </ospf-backup-neighbor-is-lsp-endpoint>
  <ospf-backup-neighbor-from-metric>
    ospf-backup-neighbor-from-metric
  </ospf-backup-neighbor-from-metric>
  <ospf-backup-neighbor-to-metric>
    ospf-backup-neighbor-to-metric
  </ospf-backup-neighbor-to-metric>
  <ospf-backup-next-hop>....</ospf-backup-next-hop>
</ospf3-backup-neighbor-node>
```

Description OSPFv3 backup neighbor node

<ospf3-backup-neighbor-node>

Usage

```
<ospf3-topology-area-backup-neighbor>
  <ospf3-backup-neighbor-node>
    <ospf-backup-neighbor>
      ospf-backup-neighbor
    </ospf-backup-neighbor>
    <ospf-backup-neighbor-is-lsp-endpoint>
      ospf-backup-neighbor-is-lsp-endpoint
    </ospf-backup-neighbor-is-lsp-endpoint>
    <ospf-backup-neighbor-from-metric>
      ospf-backup-neighbor-from-metric
    </ospf-backup-neighbor-from-metric>
    <ospf-backup-neighbor-to-metric>
      ospf-backup-neighbor-to-metric
    </ospf-backup-neighbor-to-metric>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
  </ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>
```

Description OSPFv3 backup neighbor node

<ospf3-backup-neighbor-node>

Usage

```
<ospf3-topology-backup-neighbor>
  <ospf3-topology-area-backup-neighbor>
    <ospf3-backup-neighbor-node>
```

```

<ospf-backup-neighbor>
  ospf-backup-neighbor
</ospf-backup-neighbor>
<ospf-backup-neighbor-is-lsp-endpoint>
  ospf-backup-neighbor-is-lsp-endpoint
</ospf-backup-neighbor-is-lsp-endpoint>
<ospf-backup-neighbor-from-metric>
  ospf-backup-neighbor-from-metric
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-backup-next-hop>....</ospf-backup-next-hop>
</ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>

```

Description OSPFv3 backup neighbor node

<ospf3-backup-neighbor-node>

Usage

```

<ospf3-backup-neighbor-information>
<ospf3-topology-backup-neighbor>
  <ospf3-topology-area-backup-neighbor>
    <ospf3-backup-neighbor-node>
      <ospf-backup-neighbor>
        ospf-backup-neighbor
      </ospf-backup-neighbor>
      <ospf-backup-neighbor-is-lsp-endpoint>
        ospf-backup-neighbor-is-lsp-endpoint
      </ospf-backup-neighbor-is-lsp-endpoint>
      <ospf-backup-neighbor-from-metric>
        ospf-backup-neighbor-from-metric
      </ospf-backup-neighbor-from-metric>
      <ospf-backup-neighbor-to-metric>
        ospf-backup-neighbor-to-metric
      </ospf-backup-neighbor-to-metric>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
    </ospf3-backup-neighbor-node>
  </ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>
</ospf3-backup-neighbor-information>

```

Description OSPFv3 backup neighbor node

<ospf3-backup-node-coverage>

Usage

```

<ospf3-backup-node-coverage>
  <ospf-area>
    ospf-area
  </ospf-area>

```

```
<ospf-covered-nodes>
  ospf-covered-nodes
</ospf-covered-nodes>
<ospf-total-nodes>
  ospf-total-nodes
</ospf-total-nodes>
<ospf-node-coverage>
  ospf-node-coverage
</ospf-node-coverage>
</ospf3-backup-node-coverage>
```

Description

<ospf3-backup-node-coverage>

Usage

```
<ospf3-topology-backup-coverage>
  <ospf3-backup-node-coverage>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-covered-nodes>
      ospf-covered-nodes
    </ospf-covered-nodes>
    <ospf-total-nodes>
      ospf-total-nodes
    </ospf-total-nodes>
    <ospf-node-coverage>
      ospf-node-coverage
    </ospf-node-coverage>
  </ospf3-backup-node-coverage>
</ospf3-topology-backup-coverage>
```

Description

<ospf3-backup-node-coverage>

Usage

```
<ospf3-backup-coverage-information>
  <ospf3-topology-backup-coverage>
    <ospf3-backup-node-coverage>
      <ospf-area>
        ospf-area
      </ospf-area>
      <ospf-covered-nodes>
        ospf-covered-nodes
      </ospf-covered-nodes>
      <ospf-total-nodes>
        ospf-total-nodes
      </ospf-total-nodes>
      <ospf-node-coverage>
        ospf-node-coverage
      </ospf-node-coverage>
    </ospf3-backup-node-coverage>
  </ospf3-topology-backup-coverage>
</ospf3-backup-coverage-information>
```

```
</ospf3-topology-backup-coverage>
</ospf3-backup-coverage-information>
```

Description

<ospf3-backup-route-coverage>

Usage

```
<ospf3-backup-route-coverage>
  <ospf-path-type>
    ospf-path-type
  </ospf-path-type>
  <ospf-covered-routes>
    ospf-covered-routes
  </ospf-covered-routes>
  <ospf-total-routes>
    ospf-total-routes
  </ospf-total-routes>
  <ospf-route-coverage>
    ospf-route-coverage
  </ospf-route-coverage>
</ospf3-backup-route-coverage>
```

Description

<ospf3-backup-route-coverage>

Usage

```
<ospf3-topology-backup-coverage>
  <ospf3-backup-route-coverage>
    <ospf-path-type>
      ospf-path-type
    </ospf-path-type>
    <ospf-covered-routes>
      ospf-covered-routes
    </ospf-covered-routes>
    <ospf-total-routes>
      ospf-total-routes
    </ospf-total-routes>
    <ospf-route-coverage>
      ospf-route-coverage
    </ospf-route-coverage>
  </ospf3-backup-route-coverage>
</ospf3-topology-backup-coverage>
```

Description

<ospf3-backup-route-coverage>

Usage

```
<ospf3-backup-coverage-information>
  <ospf3-topology-backup-coverage>
    <ospf3-backup-route-coverage>
      <ospf-path-type>
```

```
    ospf-path-type
  </ospf-path-type>
  <ospf-covered-routes>
    ospf-covered-routes
  </ospf-covered-routes>
  <ospf-total-routes>
    ospf-total-routes
  </ospf-total-routes>
  <ospf-route-coverage>
    ospf-route-coverage
  </ospf-route-coverage>
</ospf3-backup-route-coverage>
</ospf3-topology-backup-coverage>
</ospf3-backup-coverage-information>
```

Description**<ospf3-backup-spf-information>****Usage**

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>....</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description OSPFv3 backup SPF information

<ospf3-backup-spf-node>**Usage**

```
<ospf3-backup-spf-node>
  <ospf-node-id>....</ospf-node-id>
  <lsa-id>
    lsa-id
  </lsa-id>
  <ospf-node-metric>
    ospf-node-metric
  </ospf-node-metric>
  <ospf-parent-node-id>....</ospf-parent-node-id>
  <ospf-next-hop>....</ospf-next-hop>
  <ospf-backup-next-hop>....</ospf-backup-next-hop>
  <ospf3-backup-spf-result>....</ospf3-backup-spf-result>
</ospf3-backup-spf-node>
```

Description OSPFv3 node specific backup SPF information

<ospf3-backup-spf-node>**Usage**

```
<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf-node-id>....</ospf-node-id>
    <lsa-id>
```

```

    lsa-id
  </lsa-id>
  <ospf-node-metric>
    ospf-node-metric
  </ospf-node-metric>
  <ospf-parent-node-id>....</ospf-parent-node-id>
  <ospf-next-hop>....</ospf-next-hop>
  <ospf-backup-next-hop>....</ospf-backup-next-hop>
  <ospf3-backup-spf-result>....</ospf3-backup-spf-result>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>

```

Description OSPFv3 node specific backup SPF information

<ospf3-backup-spf-node>

Usage

```

<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf-node-id>....</ospf-node-id>
      <lsa-id>
        lsa-id
      </lsa-id>
      <ospf-node-metric>
        ospf-node-metric
      </ospf-node-metric>
      <ospf-parent-node-id>....</ospf-parent-node-id>
      <ospf-next-hop>....</ospf-next-hop>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
      <ospf3-backup-spf-result>....</ospf3-backup-spf-result>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>

```

Description OSPFv3 node specific backup SPF information

<ospf3-backup-spf-node>

Usage

```

<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf-node-id>....</ospf-node-id>
        <lsa-id>
          lsa-id
        </lsa-id>
        <ospf-node-metric>
          ospf-node-metric
        </ospf-node-metric>
        <ospf-parent-node-id>....</ospf-parent-node-id>
        <ospf-next-hop>....</ospf-next-hop>
      </ospf3-backup-spf-node>
    </ospf3-topology-area-backup-spf>
  </ospf3-topology-backup-spf>
</ospf3-backup-spf-information>

```

```
<ospf-backup-next-hop>....</ospf-backup-next-hop>
<ospf3-backup-spf-result>....</ospf3-backup-spf-result>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description OSPFv3 node specific backup SPF information

<ospf3-backup-spf-result>

Usage

```
<ospf3-backup-spf-result>
  <ospf-backup-neighbor>
    ospf-backup-neighbor
  </ospf-backup-neighbor>
  <ospf-backup-neighbor-is-lsp-endpoint>
    ospf-backup-neighbor-is-lsp-endpoint
  </ospf-backup-neighbor-is-lsp-endpoint>
  <ospf-backup-metric>
    ospf-backup-metric
  </ospf-backup-metric>
  <ospf-backup-neighbor-from-metric>
    ospf-backup-neighbor-from-metric
  </ospf-backup-neighbor-from-metric>
  <ospf-backup-neighbor-to-metric>
    ospf-backup-neighbor-to-metric
  </ospf-backup-neighbor-to-metric>
  <ospf-track-item>
    ospf-track-item
  </ospf-track-item>
  <ospf-backup-result-status>
    ospf-backup-result-status
  </ospf-backup-result-status>
  <ospf-backup-result-no-coverage-reason>
    ospf-backup-result-no-coverage-reason
  </ospf-backup-result-no-coverage-reason>
</ospf3-backup-spf-result>
```

Description OSPFv3 backup SPF result

<ospf3-backup-spf-result>

Usage

```
<ospf3-backup-spf-node>
  <ospf3-backup-spf-result>
    <ospf-backup-neighbor>
      ospf-backup-neighbor
    </ospf-backup-neighbor>
    <ospf-backup-neighbor-is-lsp-endpoint>
      ospf-backup-neighbor-is-lsp-endpoint
    </ospf-backup-neighbor-is-lsp-endpoint>
    <ospf-backup-metric>
```



```

    ospf-backup-metric
  </ospf-backup-metric>
  <ospf-backup-neighbor-from-metric>
    ospf-backup-neighbor-from-metric
  </ospf-backup-neighbor-from-metric>
  <ospf-backup-neighbor-to-metric>
    ospf-backup-neighbor-to-metric
  </ospf-backup-neighbor-to-metric>
  <ospf-track-item>
    ospf-track-item
  </ospf-track-item>
  <ospf-backup-result-status>
    ospf-backup-result-status
  </ospf-backup-result-status>
  <ospf-backup-result-no-coverage-reason>
    ospf-backup-result-no-coverage-reason
  </ospf-backup-result-no-coverage-reason>
</ospf3-backup-spf-result>
</ospf3-backup-spf-node>

```

Description OSPFv3 backup SPF result

<ospf3-backup-spf-result>

Usage

```

<ospf3-topology-area-backup-spf>
  <ospf3-backup-spf-node>
    <ospf3-backup-spf-result>
      <ospf-backup-neighbor>
        ospf-backup-neighbor
      </ospf-backup-neighbor>
      <ospf-backup-neighbor-is-lsp-endpoint>
        ospf-backup-neighbor-is-lsp-endpoint
      </ospf-backup-neighbor-is-lsp-endpoint>
      <ospf-backup-metric>
        ospf-backup-metric
      </ospf-backup-metric>
      <ospf-backup-neighbor-from-metric>
        ospf-backup-neighbor-from-metric
      </ospf-backup-neighbor-from-metric>
      <ospf-backup-neighbor-to-metric>
        ospf-backup-neighbor-to-metric
      </ospf-backup-neighbor-to-metric>
      <ospf-track-item>
        ospf-track-item
      </ospf-track-item>
      <ospf-backup-result-status>
        ospf-backup-result-status
      </ospf-backup-result-status>
      <ospf-backup-result-no-coverage-reason>
        ospf-backup-result-no-coverage-reason
      </ospf-backup-result-no-coverage-reason>
    </ospf3-backup-spf-result>
  </ospf3-backup-spf-node>

```

</ospf3-topology-area-backup-spf>

Description OSPFv3 backup SPF result

<ospf3-backup-spf-result>

Usage

```
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf3-backup-spf-node>
      <ospf3-backup-spf-result>
        <ospf-backup-neighbor>
          ospf-backup-neighbor
        </ospf-backup-neighbor>
        <ospf-backup-neighbor-is-lsp-endpoint>
          ospf-backup-neighbor-is-lsp-endpoint
        </ospf-backup-neighbor-is-lsp-endpoint>
        <ospf-backup-metric>
          ospf-backup-metric
        </ospf-backup-metric>
        <ospf-backup-neighbor-from-metric>
          ospf-backup-neighbor-from-metric
        </ospf-backup-neighbor-from-metric>
        <ospf-backup-neighbor-to-metric>
          ospf-backup-neighbor-to-metric
        </ospf-backup-neighbor-to-metric>
        <ospf-track-item>
          ospf-track-item
        </ospf-track-item>
        <ospf-backup-result-status>
          ospf-backup-result-status
        </ospf-backup-result-status>
        <ospf-backup-result-no-coverage-reason>
          ospf-backup-result-no-coverage-reason
        </ospf-backup-result-no-coverage-reason>
      </ospf3-backup-spf-result>
    </ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description OSPFv3 backup SPF result

<ospf3-backup-spf-result>

Usage

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf3-topology-area-backup-spf>
      <ospf3-backup-spf-node>
        <ospf3-backup-spf-result>
          <ospf-backup-neighbor>
            ospf-backup-neighbor
          </ospf-backup-neighbor>
```

```

<ospf-backup-neighbor-is-lsp-endpoint>
  ospf-backup-neighbor-is-lsp-endpoint
</ospf-backup-neighbor-is-lsp-endpoint>
<ospf-backup-metric>
  ospf-backup-metric
</ospf-backup-metric>
<ospf-backup-neighbor-from-metric>
  ospf-backup-neighbor-from-metric
</ospf-backup-neighbor-from-metric>
<ospf-backup-neighbor-to-metric>
  ospf-backup-neighbor-to-metric
</ospf-backup-neighbor-to-metric>
<ospf-track-item>
  ospf-track-item
</ospf-track-item>
<ospf-backup-result-status>
  ospf-backup-result-status
</ospf-backup-result-status>
<ospf-backup-result-no-coverage-reason>
  ospf-backup-result-no-coverage-reason
</ospf-backup-result-no-coverage-reason>
</ospf3-backup-spf-result>
</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>

```

Description OSPFv3 backup SPF result

<ospf3-database>

Usage

```

<ospf3-database>
  <lsa-type>
    lsa-type
  </lsa-type>
  <our-entry>
    our-entry
  </our-entry>
  <lsa-id>
    lsa-id
  </lsa-id>
  <advertising-router>
    advertising-router
  </advertising-router>
  <sequence-number>
    sequence-number
  </sequence-number>
  <age>
    age
  </age>
  <ospf-do-not-age>
    ospf-do-not-age
  </ospf-do-not-age>

```

```
<checksum>
  checksum
</checksum>
<lsa-length>
  lsa-length
</lsa-length>
<ospf3-router-lsa>....</ospf3-router-lsa>
<ospf3-network-lsa>....</ospf3-network-lsa>
<ospf3-inter-area-prefix-lsa>....</ospf3-inter-area-prefix-lsa>
<ospf3-inter-area-router-lsa>....</ospf3-inter-area-router-lsa>
<ospf3-external-lsa>....</ospf3-external-lsa>
<ospf3-link-lsa>....</ospf3-link-lsa>
<ospf3-intra-area-prefix-lsa>....</ospf3-intra-area-prefix-lsa>
<ospf-database-extensive>....</ospf-database-extensive>
<ospf-opaque-link-local-lsa>....</ospf-opaque-link-local-lsa>
</ospf3-database>
```

Description

<ospf3-database>

Usage

```
<ospf3-database-information>
<ospf3-database>
  <lsa-type>
    lsa-type
  </lsa-type>
  <our-entry>
    our-entry
  </our-entry>
  <lsa-id>
    lsa-id
  </lsa-id>
  <advertising-router>
    advertising-router
  </advertising-router>
  <sequence-number>
    sequence-number
  </sequence-number>
  <age>
    age
  </age>
  <ospf-do-not-age>
    ospf-do-not-age
  </ospf-do-not-age>
  <checksum>
    checksum
  </checksum>
  <lsa-length>
    lsa-length
  </lsa-length>
  <ospf3-router-lsa>....</ospf3-router-lsa>
  <ospf3-network-lsa>....</ospf3-network-lsa>
  <ospf3-inter-area-prefix-lsa>....</ospf3-inter-area-prefix-lsa>
  <ospf3-inter-area-router-lsa>....</ospf3-inter-area-router-lsa>
```

```

<ospf3-external-lsa>....</ospf3-external-lsa>
<ospf3-link-lsa>....</ospf3-link-lsa>
<ospf3-intra-area-prefix-lsa>....</ospf3-intra-area-prefix-lsa>
<ospf-database-extensive>....</ospf-database-extensive>
<ospf-opaque-link-local-lsa>....</ospf-opaque-link-local-lsa>
</ospf3-database>
</ospf3-database-information>

```

Description

<ospf3-database-information>

Usage

```

<ospf3-database-information>
<ospf3-area-header>....</ospf3-area-header>
<ospf3-intf-header>....</ospf3-intf-header>
<ospf3-database>....</ospf3-database>
<ospf3-database-summary>....</ospf3-database-summary>
</ospf3-database-information>

```

Description

<ospf3-database-replication-information>

Usage

```

<ospf3-database-replication-information>
<ospf-database-replication>....</ospf-database-replication>
</ospf3-database-replication-information>

```

Description OSPFv3 LSA replication information

<ospf3-database-summary>

Usage

```

<ospf3-database-summary>
<ospf-area>
  ospf-area
</ospf-area>
<ospf-intf>
  ospf-intf
</ospf-intf>
<ospf-lsa-count>
  ospf-lsa-count
</ospf-lsa-count>
<ospf-lsa-type>
  ospf-lsa-type
</ospf-lsa-type>
</ospf3-database-summary>

```

Description

<ospf3-database-summary>

Usage

```
<ospf3-database-information>
  <ospf3-database-summary>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf-intf>
      ospf-intf
    </ospf-intf>
    <ospf-lsa-count>
      ospf-lsa-count
    </ospf-lsa-count>
    <ospf-lsa-type>
      ospf-lsa-type
    </ospf-lsa-type>
  </ospf3-database-summary>
</ospf3-database-information>
```

Description

<ospf3-external-lsa>

Usage

```
<ospf3-external-lsa>
  <ospf3-prefix>
    ospf3-prefix
  </ospf3-prefix>
  <ospf3-prefix-options>
    ospf3-prefix-options
  </ospf3-prefix-options>
  <type-value>
    type-value
  </type-value>
  <metric>
    metric
  </metric>
  <forward-address>
    forward-address
  </forward-address>
  <tag>
    tag
  </tag>
</ospf3-external-lsa>
```

Description

<ospf3-external-lsa>

Usage

```
<ospf3-database>
  <ospf3-external-lsa>
    <ospf3-prefix>
```

```

    ospf3-prefix
  </ospf3-prefix>
  <ospf3-prefix-options>
    ospf3-prefix-options
  </ospf3-prefix-options>
  <type-value>
    type-value
  </type-value>
  <metric>
    metric
  </metric>
  <forward-address>
    forward-address
  </forward-address>
  <tag>
    tag
  </tag>
</ospf3-external-lsa>
</ospf3-database>

```

Description

<ospf3-external-lsa>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-external-lsa>
      <ospf3-prefix>
        ospf3-prefix
      </ospf3-prefix>
      <ospf3-prefix-options>
        ospf3-prefix-options
      </ospf3-prefix-options>
      <type-value>
        type-value
      </type-value>
      <metric>
        metric
      </metric>
      <forward-address>
        forward-address
      </forward-address>
      <tag>
        tag
      </tag>
    </ospf3-external-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description

<ospf3-instance-neighbor>

Usage

```
<ospf3-neighbor-information-all>
  <ospf3-instance-neighbor>
    <ospf-instance-name>
      ospf-instance-name
    </ospf-instance-name>
    <ospf3-realm-neighbor>....</ospf3-realm-neighbor>
  </ospf3-instance-neighbor>
</ospf3-neighbor-information-all>
```

Description Information about OSPFv3 neighbors within this routing instance

<ospf3-inter-area-prefix-lsa>

Usage

```
<ospf3-inter-area-prefix-lsa>
  <ospf3-prefix>
    ospf3-prefix
  </ospf3-prefix>
  <ospf3-prefix-options>
    ospf3-prefix-options
  </ospf3-prefix-options>
  <metric>
    metric
  </metric>
</ospf3-inter-area-prefix-lsa>
```

Description

<ospf3-inter-area-prefix-lsa>

Usage

```
<ospf3-database>
  <ospf3-inter-area-prefix-lsa>
    <ospf3-prefix>
      ospf3-prefix
    </ospf3-prefix>
    <ospf3-prefix-options>
      ospf3-prefix-options
    </ospf3-prefix-options>
    <metric>
      metric
    </metric>
  </ospf3-inter-area-prefix-lsa>
</ospf3-database>
```

Description

<ospf3-inter-area-prefix-lsa>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-inter-area-prefix-lsa>
      <ospf3-prefix>
        ospf3-prefix
      </ospf3-prefix>
      <ospf3-prefix-options>
        ospf3-prefix-options
      </ospf3-prefix-options>
      <metric>
        metric
      </metric>
    </ospf3-inter-area-prefix-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description

<ospf3-inter-area-router-lsa>

Usage

```

<ospf3-inter-area-router-lsa>
  <destination-router-id>
    destination-router-id
  </destination-router-id>
  <ospf3-options>
    ospf3-options
  </ospf3-options>
  <metric>
    metric
  </metric>
</ospf3-inter-area-router-lsa>

```

Description

<ospf3-inter-area-router-lsa>

Usage

```

<ospf3-database>
  <ospf3-inter-area-router-lsa>
    <destination-router-id>
      destination-router-id
    </destination-router-id>
    <ospf3-options>
      ospf3-options
    </ospf3-options>
    <metric>
      metric
    </metric>
  </ospf3-inter-area-router-lsa>

```

</ospf3-database>

Description

<ospf3-inter-area-router-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf3-inter-area-router-lsa>
      <destination-router-id>
        destination-router-id
      </destination-router-id>
      <ospf3-options>
        ospf3-options
      </ospf3-options>
      <metric>
        metric
      </metric>
    </ospf3-inter-area-router-lsa>
  </ospf3-database>
</ospf3-database-information>
```

Description

<ospf3-interface>

Usage

```
<ospf3-interface>
  <interface-name>
    interface-name
  </interface-name>
  <ospf-interface-state>
    ospf-interface-state
  </ospf-interface-state>
  <ospf-area>
    ospf-area
  </ospf-area>
  <dr-id>
    dr-id
  </dr-id>
  <bdr-id>
    bdr-id
  </bdr-id>
  <neighbor-count>
    neighbor-count
  </neighbor-count>
  <interface-address>
    interface-address
  </interface-address>
  <prefix-length>
    prefix-length
  </prefix-length>
</ospf3-interface-index>
```

```
    ospf3-interface-index
  </ospf3-interface-index>
  <interface-type>
    interface-type
  </interface-type>
  <mtu>
    mtu
  </mtu>
  <interface-cost>
    interface-cost
  </interface-cost>
  <virtual-link-transit-area>
    virtual-link-transit-area
  </virtual-link-transit-area>
  <virtual-link-destination>
    virtual-link-destination
  </virtual-link-destination>
  <dr-address>
    dr-address
  </dr-address>
  <bdr-address>
    bdr-address
  </bdr-address>
  <router-priority>
    router-priority
  </router-priority>
  <adj-count>
    adj-count
  </adj-count>
  <interface-secondary>
    interface-secondary
  </interface-secondary>
  <interface-flood-reduction>
    interface-flood-reduction
  </interface-flood-reduction>
  <passive>
    passive
  </passive>
  <hello-interval>
    hello-interval
  </hello-interval>
  <poll-interval>
    poll-interval
  </poll-interval>
  <dead-interval>
    dead-interval
  </dead-interval>
  <retransmit-interval>
    retransmit-interval
  </retransmit-interval>
  <ospf-stub-type>
    ospf-stub-type
  </ospf-stub-type>
  <ipsec-sa>
    ipsec-sa
  </ipsec-sa>
```

```
<ospf-interface-protection-type>
  ospf-interface-protection-type
</ospf-interface-protection-type>
<ospf-interface-no-eligible-backup>
  ospf-interface-no-eligible-backup
</ospf-interface-no-eligible-backup>
<igp-ldp-sync-holdtime>
  igp-ldp-sync-holdtime
</igp-ldp-sync-holdtime>
<igp-ldp-sync-state>
  igp-ldp-sync-state
</igp-ldp-sync-state>
<igp-ldp-sync-last-change>
  igp-ldp-sync-last-change
</igp-ldp-sync-last-change>
<igp-ldp-sync-reason>
  igp-ldp-sync-reason
</igp-ldp-sync-reason>
<igp-ldp-sync-timeleft>
  igp-ldp-sync-timeleft
</igp-ldp-sync-timeleft>
<ospf3-router-lsa-id>
  ospf3-router-lsa-id
</ospf3-router-lsa-id>
<interface-flood-list-count>
  interface-flood-list-count
</interface-flood-list-count>
<flood-list-count>
  flood-list-count
</flood-list-count>
<lsa-list>
  lsa-list
</lsa-list>
<interface-description-list>
  interface-description-list
</interface-description-list>
</ospf3-interface>
```

Description

<ospf3-interface>

Usage

```
<ospf3-interface-information>
  <ospf3-interface>
    <interface-name>
      interface-name
    </interface-name>
    <ospf-interface-state>
      ospf-interface-state
    </ospf-interface-state>
    <ospf-area>
      ospf-area
    </ospf-area>
    <dr-id>
```

```
    dr-id
  </dr-id>
  <bdr-id>
    bdr-id
  </bdr-id>
  <neighbor-count>
    neighbor-count
  </neighbor-count>
  <interface-address>
    interface-address
  </interface-address>
  <prefix-length>
    prefix-length
  </prefix-length>
  <ospf3-interface-index>
    ospf3-interface-index
  </ospf3-interface-index>
  <interface-type>
    interface-type
  </interface-type>
  <mtu>
    mtu
  </mtu>
  <interface-cost>
    interface-cost
  </interface-cost>
  <virtual-link-transit-area>
    virtual-link-transit-area
  </virtual-link-transit-area>
  <virtual-link-destination>
    virtual-link-destination
  </virtual-link-destination>
  <dr-address>
    dr-address
  </dr-address>
  <bdr-address>
    bdr-address
  </bdr-address>
  <router-priority>
    router-priority
  </router-priority>
  <adj-count>
    adj-count
  </adj-count>
  <interface-secondary>
    interface-secondary
  </interface-secondary>
  <interface-flood-reduction>
    interface-flood-reduction
  </interface-flood-reduction>
  <passive>
    passive
  </passive>
  <hello-interval>
    hello-interval
  </hello-interval>
```

```
<poll-interval>
  poll-interval
</poll-interval>
<dead-interval>
  dead-interval
</dead-interval>
<retransmit-interval>
  retransmit-interval
</retransmit-interval>
<ospf-stub-type>
  ospf-stub-type
</ospf-stub-type>
<ipsec-sa>
  ipsec-sa
</ipsec-sa>
<ospf-interface-protection-type>
  ospf-interface-protection-type
</ospf-interface-protection-type>
<ospf-interface-no-eligible-backup>
  ospf-interface-no-eligible-backup
</ospf-interface-no-eligible-backup>
<igp-ldp-sync-holdtime>
  igp-ldp-sync-holdtime
</igp-ldp-sync-holdtime>
<igp-ldp-sync-state>
  igp-ldp-sync-state
</igp-ldp-sync-state>
<igp-ldp-sync-last-change>
  igp-ldp-sync-last-change
</igp-ldp-sync-last-change>
<igp-ldp-sync-reason>
  igp-ldp-sync-reason
</igp-ldp-sync-reason>
<igp-ldp-sync-timeleft>
  igp-ldp-sync-timeleft
</igp-ldp-sync-timeleft>
<ospf3-router-lsa-id>
  ospf3-router-lsa-id
</ospf3-router-lsa-id>
<interface-flood-list-count>
  interface-flood-list-count
</interface-flood-list-count>
<flood-list-count>
  flood-list-count
</flood-list-count>
<lsa-list>
  lsa-list
</lsa-list>
<interface-description-list>
  interface-description-list
</interface-description-list>
</ospf3-interface>
</ospf3-interface-information>
```

Description**<ospf3-interface-information>****Usage**

```
<ospf3-interface-information>
  <ospf3-interface>....</ospf3-interface>
</ospf3-interface-information>
```

Description**<ospf3-interface-replication-information>****Usage**

```
<ospf3-interface-replication-information>
  <ospf-interface-replication>....</ospf-interface-replication>
</ospf3-interface-replication-information>
```

Description OSPFv3 interface replication information

<ospf3-intf-header>**Usage**

```
<ospf3-intf-header>
  <ospf-intf>
    ospf-intf
  </ospf-intf>
  <ospf-area>
    ospf-area
  </ospf-area>
</ospf3-intf-header>
```

Description**<ospf3-intf-header>****Usage**

```
<ospf3-database-information>
  <ospf3-intf-header>
    <ospf-intf>
      ospf-intf
    </ospf-intf>
    <ospf-area>
      ospf-area
    </ospf-area>
  </ospf3-intf-header>
</ospf3-database-information>
```

Description

<ospf3-intra-area-prefix-lsa>

Usage

```
<ospf3-intra-area-prefix-lsa>
  <reference-lsa-type>
    reference-lsa-type
  </reference-lsa-type>
  <reference-lsa-id>
    reference-lsa-id
  </reference-lsa-id>
  <reference-lsa-router-id>
    reference-lsa-router-id
  </reference-lsa-router-id>
  <prefix-count>
    prefix-count
  </prefix-count>
  <ospf3-prefix>
    ospf3-prefix
  </ospf3-prefix>
  <ospf3-prefix-options>
    ospf3-prefix-options
  </ospf3-prefix-options>
  <ospf3-prefix-metric>
    ospf3-prefix-metric
  </ospf3-prefix-metric>
</ospf3-intra-area-prefix-lsa>
```

Description

<ospf3-intra-area-prefix-lsa>

Usage

```
<ospf3-database>
  <ospf3-intra-area-prefix-lsa>
    <reference-lsa-type>
      reference-lsa-type
    </reference-lsa-type>
    <reference-lsa-id>
      reference-lsa-id
    </reference-lsa-id>
    <reference-lsa-router-id>
      reference-lsa-router-id
    </reference-lsa-router-id>
    <prefix-count>
      prefix-count
    </prefix-count>
    <ospf3-prefix>
      ospf3-prefix
    </ospf3-prefix>
    <ospf3-prefix-options>
      ospf3-prefix-options
    </ospf3-prefix-options>
    <ospf3-prefix-metric>
      ospf3-prefix-metric
    </ospf3-prefix-metric>
```



```

    </ospf3-intra-area-prefix-lsa>
</ospf3-database>

```

Description

<ospf3-intra-area-prefix-lsa>

Usage

```

<ospf3-database-information>
<ospf3-database>
  <ospf3-intra-area-prefix-lsa>
    <reference-lsa-type>
      reference-lsa-type
    </reference-lsa-type>
    <reference-lsa-id>
      reference-lsa-id
    </reference-lsa-id>
    <reference-lsa-router-id>
      reference-lsa-router-id
    </reference-lsa-router-id>
    <prefix-count>
      prefix-count
    </prefix-count>
    <ospf3-prefix>
      ospf3-prefix
    </ospf3-prefix>
    <ospf3-prefix-options>
      ospf3-prefix-options
    </ospf3-prefix-options>
    <ospf3-prefix-metric>
      ospf3-prefix-metric
    </ospf3-prefix-metric>
  </ospf3-intra-area-prefix-lsa>
</ospf3-database>
</ospf3-database-information>

```

Description

<ospf3-io-statistics-information>

Usage

```

<ospf3-io-statistics-information>
  <ospf-io-statistics>....</ospf-io-statistics>
</ospf3-io-statistics-information>

```

Description

<ospf3-link>

Usage

```

<ospf3-router-lsa>
  <ospf3-link>
    <link-type-name>
      link-type-name
    </link-type-name>
  </ospf3-link>
</ospf3-router-lsa>

```

```
</link-type-name>
<link-type-value>
  link-type-value
</link-type-value>
<link-intf-id>
  link-intf-id
</link-intf-id>
<nbr-intf-id>
  nbr-intf-id
</nbr-intf-id>
<nbr-rtr-id>
  nbr-rtr-id
</nbr-rtr-id>
<link-metric>
  link-metric
</link-metric>
</ospf3-link>
</ospf3-router-lsa>
```

Description

<ospf3-link>

Usage

```
<ospf3-database>
<ospf3-router-lsa>
  <ospf3-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <link-type-value>
      link-type-value
    </link-type-value>
    <link-intf-id>
      link-intf-id
    </link-intf-id>
    <nbr-intf-id>
      nbr-intf-id
    </nbr-intf-id>
    <nbr-rtr-id>
      nbr-rtr-id
    </nbr-rtr-id>
    <link-metric>
      link-metric
    </link-metric>
  </ospf3-link>
</ospf3-router-lsa>
</ospf3-database>
```

Description

<ospf3-link>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-router-lsa>
      <ospf3-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <link-type-value>
          link-type-value
        </link-type-value>
        <link-intf-id>
          link-intf-id
        </link-intf-id>
        <nbr-intf-id>
          nbr-intf-id
        </nbr-intf-id>
        <nbr-rtr-id>
          nbr-rtr-id
        </nbr-rtr-id>
        <link-metric>
          link-metric
        </link-metric>
      </ospf3-link>
    </ospf3-router-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description

<ospf3-link-lsa>

Usage

```

<ospf3-link-lsa>
  <linklocal-address>
    linklocal-address
  </linklocal-address>
  <ospf3-options>
    ospf3-options
  </ospf3-options>
  <router-priority>
    router-priority
  </router-priority>
  <prefix-count>
    prefix-count
  </prefix-count>
  <ospf3-prefix>
    ospf3-prefix
  </ospf3-prefix>
  <ospf3-prefix-options>
    ospf3-prefix-options
  </ospf3-prefix-options>

```

</ospf3-link-lsa>

Description

<ospf3-link-lsa>

Usage

```
<ospf3-database>
  <ospf3-link-lsa>
    <linklocal-address>
      linklocal-address
    </linklocal-address>
    <ospf3-options>
      ospf3-options
    </ospf3-options>
    <router-priority>
      router-priority
    </router-priority>
    <prefix-count>
      prefix-count
    </prefix-count>
    <ospf3-prefix>
      ospf3-prefix
    </ospf3-prefix>
    <ospf3-prefix-options>
      ospf3-prefix-options
    </ospf3-prefix-options>
  </ospf3-link-lsa>
</ospf3-database>
```

Description

<ospf3-link-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf3-link-lsa>
      <linklocal-address>
        linklocal-address
      </linklocal-address>
      <ospf3-options>
        ospf3-options
      </ospf3-options>
      <router-priority>
        router-priority
      </router-priority>
      <prefix-count>
        prefix-count
      </prefix-count>
      <ospf3-prefix>
        ospf3-prefix
      </ospf3-prefix>
      <ospf3-prefix-options>
```

```

        ospf3-prefix-options
      </ospf3-prefix-options>
    </ospf3-link-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description**<ospf3-log-information>****Usage**

```

<ospf3-log-information>
  <ospf-log-instance>.....</ospf-log-instance>
  <ospf-log-maximum-length>.....</ospf-log-maximum-length>
  <ospf-log-events>.....</ospf-log-events>
</ospf3-log-information>

```

Description**<ospf3-lsa-topology>****Usage**

```

<ospf3-lsa-topology>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf-topology-id>
    ospf-topology-id
  </ospf-topology-id>
  <ospf-lsa-topology-link>.....</ospf-lsa-topology-link>
  <ospf3-lsa-topology-link>.....</ospf3-lsa-topology-link>
</ospf3-lsa-topology>

```

Description OSPFv3 topology information for a LSA**<ospf3-lsa-topology>****Usage**

```

<ospf3-router-lsa>
  <ospf3-lsa-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-lsa-topology-link>.....</ospf-lsa-topology-link>
    <ospf3-lsa-topology-link>.....</ospf3-lsa-topology-link>
  </ospf3-lsa-topology>
</ospf3-router-lsa>

```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology>

Usage

```
<ospf3-network-lsa>
  <ospf3-lsa-topology>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf-topology-id>
      ospf-topology-id
    </ospf-topology-id>
    <ospf-lsa-topology-link>.....</ospf-lsa-topology-link>
    <ospf3-lsa-topology-link>.....</ospf3-lsa-topology-link>
  </ospf3-lsa-topology>
</ospf3-network-lsa>
```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology>

Usage

```
<ospf3-database>
  <ospf3-router-lsa>
    <ospf3-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-lsa-topology-link>.....</ospf-lsa-topology-link>
      <ospf3-lsa-topology-link>.....</ospf3-lsa-topology-link>
    </ospf3-lsa-topology>
  </ospf3-router-lsa>
</ospf3-database>
```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology>

Usage

```
<ospf3-database>
  <ospf3-network-lsa>
    <ospf3-lsa-topology>
      <ospf-topology-name>
        ospf-topology-name
      </ospf-topology-name>
      <ospf-topology-id>
        ospf-topology-id
      </ospf-topology-id>
      <ospf-lsa-topology-link>.....</ospf-lsa-topology-link>
      <ospf3-lsa-topology-link>.....</ospf3-lsa-topology-link>
```

```

    </ospf3-lsa-topology>
  </ospf3-network-lsa>
</ospf3-database>

```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-router-lsa>
      <ospf3-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
        <ospf3-lsa-topology-link>....</ospf3-lsa-topology-link>
      </ospf3-lsa-topology>
    </ospf3-router-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology>

Usage

```

<ospf3-database-information>
  <ospf3-database>
    <ospf3-network-lsa>
      <ospf3-lsa-topology>
        <ospf-topology-name>
          ospf-topology-name
        </ospf-topology-name>
        <ospf-topology-id>
          ospf-topology-id
        </ospf-topology-id>
        <ospf-lsa-topology-link>....</ospf-lsa-topology-link>
        <ospf3-lsa-topology-link>....</ospf3-lsa-topology-link>
      </ospf3-lsa-topology>
    </ospf3-network-lsa>
  </ospf3-database>
</ospf3-database-information>

```

Description OSPFv3 topology information for a LSA

<ospf3-lsa-topology-link>

Usage

```
<ospf3-lsa-topology-link>
  <link-type-name>
    link-type-name
  </link-type-name>
  <ospf-lsa-topology-link-node-id>
    ospf-lsa-topology-link-node-id
  </ospf-lsa-topology-link-node-id>
  <ospf-lsa-topology-link-metric>
    ospf-lsa-topology-link-metric
  </ospf-lsa-topology-link-metric>
  <ospf-lsa-topology-link-state>
    ospf-lsa-topology-link-state
  </ospf-lsa-topology-link-state>
</ospf3-lsa-topology-link>
```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```
<ospf3-lsa-topology>
  <ospf3-lsa-topology-link>
    <link-type-name>
      link-type-name
    </link-type-name>
    <ospf-lsa-topology-link-node-id>
      ospf-lsa-topology-link-node-id
    </ospf-lsa-topology-link-node-id>
    <ospf-lsa-topology-link-metric>
      ospf-lsa-topology-link-metric
    </ospf-lsa-topology-link-metric>
    <ospf-lsa-topology-link-state>
      ospf-lsa-topology-link-state
    </ospf-lsa-topology-link-state>
  </ospf3-lsa-topology-link>
</ospf3-lsa-topology>
```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```
<ospf3-router-lsa>
  <ospf3-lsa-topology>
    <ospf3-lsa-topology-link>
      <link-type-name>
        link-type-name
      </link-type-name>
      <ospf-lsa-topology-link-node-id>
```



```

    ospf-lsa-topology-link-node-id
  </ospf-lsa-topology-link-node-id>
  <ospf-lsa-topology-link-metric>
    ospf-lsa-topology-link-metric
  </ospf-lsa-topology-link-metric>
  <ospf-lsa-topology-link-state>
    ospf-lsa-topology-link-state
  </ospf-lsa-topology-link-state>
</ospf3-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-router-lsa>

```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```

<ospf3-network-lsa>
  <ospf3-lsa-topology>
    <ospf3-lsa-topology-link>
      <link-type-name>
        link-type-name
      </link-type-name>
      <ospf-lsa-topology-link-node-id>
        ospf-lsa-topology-link-node-id
      </ospf-lsa-topology-link-node-id>
      <ospf-lsa-topology-link-metric>
        ospf-lsa-topology-link-metric
      </ospf-lsa-topology-link-metric>
      <ospf-lsa-topology-link-state>
        ospf-lsa-topology-link-state
      </ospf-lsa-topology-link-state>
    </ospf3-lsa-topology-link>
  </ospf3-lsa-topology>
</ospf3-network-lsa>

```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```

<ospf3-database>
  <ospf3-router-lsa>
    <ospf3-lsa-topology>
      <ospf3-lsa-topology-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <ospf-lsa-topology-link-node-id>
          ospf-lsa-topology-link-node-id
        </ospf-lsa-topology-link-node-id>
        <ospf-lsa-topology-link-metric>
          ospf-lsa-topology-link-metric

```

```
</ospf-lsa-topology-link-metric>
<ospf-lsa-topology-link-state>
  ospf-lsa-topology-link-state
</ospf-lsa-topology-link-state>
</ospf3-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-router-lsa>
</ospf3-database>
```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```
<ospf3-database>
  <ospf3-network-lsa>
    <ospf3-lsa-topology>
      <ospf3-lsa-topology-link>
        <link-type-name>
          link-type-name
        </link-type-name>
        <ospf-lsa-topology-link-node-id>
          ospf-lsa-topology-link-node-id
        </ospf-lsa-topology-link-node-id>
        <ospf-lsa-topology-link-metric>
          ospf-lsa-topology-link-metric
        </ospf-lsa-topology-link-metric>
        <ospf-lsa-topology-link-state>
          ospf-lsa-topology-link-state
        </ospf-lsa-topology-link-state>
      </ospf3-lsa-topology-link>
    </ospf3-lsa-topology>
  </ospf3-network-lsa>
</ospf3-database>
```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf3-router-lsa>
      <ospf3-lsa-topology>
        <ospf3-lsa-topology-link>
          <link-type-name>
            link-type-name
          </link-type-name>
          <ospf-lsa-topology-link-node-id>
            ospf-lsa-topology-link-node-id
          </ospf-lsa-topology-link-node-id>
          <ospf-lsa-topology-link-metric>
            ospf-lsa-topology-link-metric
```

```

        </ospf-lsa-topology-link-metric>
        <ospf-lsa-topology-link-state>
            ospf-lsa-topology-link-state
        </ospf-lsa-topology-link-state>
    </ospf3-lsa-topology-link>
</ospf3-lsa-topology>
</ospf3-router-lsa>
</ospf3-database>
</ospf3-database-information>

```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-lsa-topology-link>

Usage

```

<ospf3-database-information>
<ospf3-database>
    <ospf3-network-lsa>
        <ospf3-lsa-topology>
            <ospf3-lsa-topology-link>
                <link-type-name>
                    link-type-name
                </link-type-name>
                <ospf-lsa-topology-link-node-id>
                    ospf-lsa-topology-link-node-id
                </ospf-lsa-topology-link-node-id>
                <ospf-lsa-topology-link-metric>
                    ospf-lsa-topology-link-metric
                </ospf-lsa-topology-link-metric>
                <ospf-lsa-topology-link-state>
                    ospf-lsa-topology-link-state
                </ospf-lsa-topology-link-state>
            </ospf3-lsa-topology-link>
        </ospf3-lsa-topology>
    </ospf3-network-lsa>
</ospf3-database>
</ospf3-database-information>

```

Description OSPFv3 topology information for a set of links to a LSA

<ospf3-neighbor>

Usage

```

<ospf3-neighbor>
    <neighbor-id>
        neighbor-id
    </neighbor-id>
    <interface-name>
        interface-name
    </interface-name>
    <ospf-neighbor-state>
        ospf-neighbor-state
    </ospf-neighbor-state>

```

```
<neighbor-priority>
  neighbor-priority
</neighbor-priority>
<activity-timer>
  activity-timer
</activity-timer>
<neighbor-address>
  neighbor-address
</neighbor-address>
<ospf-area>
  ospf-area
</ospf-area>
<options>
  options
</options>
<neighbor-secondary>
  neighbor-secondary
</neighbor-secondary>
<ospf3-interface-index>
  ospf3-interface-index
</ospf3-interface-index>
<neighbor-cost>
  neighbor-cost
</neighbor-cost>
<dr-id>
  dr-id
</dr-id>
<bdr-id>
  bdr-id
</bdr-id>
<neighbor-up-time>
  neighbor-up-time
</neighbor-up-time>
<neighbor-adjacency-time>
  neighbor-adjacency-time
</neighbor-adjacency-time>
<neighbor-suppress-hello>
  neighbor-suppress-hello
</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
```

```

</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
</ospf3-neighbor>

```

Description

<ospf3-neighbor>

Usage

```

<ospf3-neighbor-information>
  <ospf3-neighbor>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <interface-name>
      interface-name
    </interface-name>
    <ospf-neighbor-state>
      ospf-neighbor-state
    </ospf-neighbor-state>
    <neighbor-priority>
      neighbor-priority
    </neighbor-priority>
    <activity-timer>
      activity-timer
    </activity-timer>
    <neighbor-address>
      neighbor-address
    </neighbor-address>
    <ospf-area>
      ospf-area
    </ospf-area>
    <options>
      options
    </options>
    <neighbor-secondary>
      neighbor-secondary
    </neighbor-secondary>
    <ospf3-interface-index>
      ospf3-interface-index
    </ospf3-interface-index>
    <neighbor-cost>
      neighbor-cost
    </neighbor-cost>
    <dr-id>
      dr-id
    </dr-id>
    <bdr-id>
      bdr-id
    </bdr-id>
    <neighbor-up-time>
      neighbor-up-time
    </neighbor-up-time>

```

```
<neighbor-adjacency-time>
  neighbor-adjacency-time
</neighbor-adjacency-time>
<neighbor-suppress-hello>
  neighbor-suppress-hello
</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
</ospf3-neighbor>
</ospf3-neighbor-information>
```

Description

<ospf3-neighbor>

Usage

```
<ospf3-realm-neighbor>
<ospf3-neighbor>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <interface-name>
    interface-name
  </interface-name>
  <ospf-neighbor-state>
    ospf-neighbor-state
  </ospf-neighbor-state>
  <neighbor-priority>
    neighbor-priority
  </neighbor-priority>
  <activity-timer>
    activity-timer
  </activity-timer>
  <neighbor-address>
    neighbor-address
  </neighbor-address>
```

```
<ospf-area>
  ospf-area
</ospf-area>
<options>
  options
</options>
<neighbor-secondary>
  neighbor-secondary
</neighbor-secondary>
<ospf3-interface-index>
  ospf3-interface-index
</ospf3-interface-index>
<neighbor-cost>
  neighbor-cost
</neighbor-cost>
<dr-id>
  dr-id
</dr-id>
<bdr-id>
  bdr-id
</bdr-id>
<neighbor-up-time>
  neighbor-up-time
</neighbor-up-time>
<neighbor-adjacency-time>
  neighbor-adjacency-time
</neighbor-adjacency-time>
<neighbor-suppress-hello>
  neighbor-suppress-hello
</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
</ospf3-neighbor>
</ospf3-realm-neighbor>
```

Description

<ospf3-neighbor>

Usage

```
<ospf3-neighbor-information-all>
  <ospf3-instance-neighbor>
    <ospf3-realm-neighbor>
      <ospf3-neighbor>
        <neighbor-id>
          neighbor-id
        </neighbor-id>
        <interface-name>
          interface-name
        </interface-name>
        <ospf-neighbor-state>
          ospf-neighbor-state
        </ospf-neighbor-state>
        <neighbor-priority>
          neighbor-priority
        </neighbor-priority>
        <activity-timer>
          activity-timer
        </activity-timer>
        <neighbor-address>
          neighbor-address
        </neighbor-address>
        <ospf-area>
          ospf-area
        </ospf-area>
        <options>
          options
        </options>
        <neighbor-secondary>
          neighbor-secondary
        </neighbor-secondary>
        <ospf3-interface-index>
          ospf3-interface-index
        </ospf3-interface-index>
        <neighbor-cost>
          neighbor-cost
        </neighbor-cost>
        <dr-id>
          dr-id
        </dr-id>
        <bdr-id>
          bdr-id
        </bdr-id>
        <neighbor-up-time>
          neighbor-up-time
        </neighbor-up-time>
        <neighbor-adjacency-time>
          neighbor-adjacency-time
        </neighbor-adjacency-time>
        <neighbor-suppress-hello>
          neighbor-suppress-hello
```



```

</neighbor-suppress-hello>
<master-slave>
  master-slave
</master-slave>
<sequence-number>
  sequence-number
</sequence-number>
<dbd-retransmit-time>
  dbd-retransmit-time
</dbd-retransmit-time>
<lsreq-retransmit-time>
  lsreq-retransmit-time
</lsreq-retransmit-time>
<lsreq-enqueued>
  lsreq-enqueued
</lsreq-enqueued>
<lsreq-active>
  lsreq-active
</lsreq-active>
<lsa-list>
  lsa-list
</lsa-list>
</ospf3-neighbor>
</ospf3-realm-neighbor>
</ospf3-instance-neighbor>
</ospf3-neighbor-information-all>

```

Description**<ospf3-neighbor-information>****Usage**

```

<ospf3-neighbor-information>
  <ospf3-neighbor>....</ospf3-neighbor>
</ospf3-neighbor-information>

```

Description**<ospf3-neighbor-information-all>****Usage**

```

<ospf3-neighbor-information-all>
  <ospf3-instance-neighbor>....</ospf3-instance-neighbor>
</ospf3-neighbor-information-all>

```

Description Information about OSPFv3 neighbors in all routing instances

<ospf3-neighbor-replication-information>**Usage**

```

<ospf3-neighbor-replication-information>
  <ospf-neighbor-replication>....</ospf-neighbor-replication>

```

</ospf3-neighbor-replication-information>

Description OSPFv3 neighbor replication information

<ospf3-network-lsa>

Usage

```
<ospf3-network-lsa>
  <ospf3-options>
    ospf3-options
  </ospf3-options>
  <attached-router>
    attached-router
  </attached-router>
  <ospf3-lsa-topology>.....</ospf3-lsa-topology>
</ospf3-network-lsa>
```

Description

<ospf3-network-lsa>

Usage

```
<ospf3-database>
  <ospf3-network-lsa>
    <ospf3-options>
      ospf3-options
    </ospf3-options>
    <attached-router>
      attached-router
    </attached-router>
    <ospf3-lsa-topology>.....</ospf3-lsa-topology>
  </ospf3-network-lsa>
</ospf3-database>
```

Description

<ospf3-network-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf3-network-lsa>
      <ospf3-options>
        ospf3-options
      </ospf3-options>
      <attached-router>
        attached-router
      </attached-router>
      <ospf3-lsa-topology>.....</ospf3-lsa-topology>
    </ospf3-network-lsa>
  </ospf3-database>
</ospf3-database-information>
```

Description**<ospf3-overview-information>****Usage**

```
<ospf3-overview-information>
  <ospf-overview>....</ospf-overview>
</ospf3-overview-information>
```

Description Overview information for an OSPFv3 instance

<ospf3-realm-neighbor>**Usage**

```
<ospf3-realm-neighbor>
  <ospf3-realm-name>
    ospf3-realm-name
  </ospf3-realm-name>
  <ospf3-neighbor>....</ospf3-neighbor>
</ospf3-realm-neighbor>
```

Description Information about OSPFv3 neighbors within this realm

<ospf3-realm-neighbor>**Usage**

```
<ospf3-neighbor-information-all>
  <ospf3-instance-neighbor>
    <ospf3-realm-neighbor>
      <ospf3-realm-name>
        ospf3-realm-name
      </ospf3-realm-name>
      <ospf3-neighbor>....</ospf3-neighbor>
    </ospf3-realm-neighbor>
  </ospf3-instance-neighbor>
</ospf3-neighbor-information-all>
```

Description Information about OSPFv3 neighbors within this realm

<ospf3-route>**Usage**

```
<ospf3-route>
  <ospf3-route-entry>....</ospf3-route-entry>
</ospf3-route>
```

Description

<ospf3-route>

Usage

```
<ospf3-route-information>
  <ospf3-route>
    <ospf3-route-entry>....</ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>
```

Description

<ospf3-route-entry>

Usage

```
<ospf3-route>
  <ospf3-route-entry>
    <address-prefix>
      address-prefix
    </address-prefix>
    <route-path-type>
      route-path-type
    </route-path-type>
    <route-type>
      route-type
    </route-type>
    <next-hop-type>
      next-hop-type
    </next-hop-type>
    <interface-cost>
      interface-cost
    </interface-cost>
    <ospf-next-hop>....</ospf-next-hop>
    <ospf-backup-next-hop>....</ospf-backup-next-hop>
    <ospf-area>
      ospf-area
    </ospf-area>
    <optional-capability>
      optional-capability
    </optional-capability>
    <route-origin>
      route-origin
    </route-origin>
    <route-priority>
      route-priority
    </route-priority>
    <type7>
      type7
    </type7>
    <pbit>
      pbit
    </pbit>
    <forward-nz>
      forward-nz
    </forward-nz>
  </ospf3-route-entry>
```

```
</ospf3-route>
```

Description

<ospf3-route-entry>

Usage

```
<ospf3-route-information>
  <ospf3-route>
    <ospf3-route-entry>
      <address-prefix>
        address-prefix
      </address-prefix>
      <route-path-type>
        route-path-type
      </route-path-type>
      <route-type>
        route-type
      </route-type>
      <next-hop-type>
        next-hop-type
      </next-hop-type>
      <interface-cost>
        interface-cost
      </interface-cost>
      <ospf-next-hop>....</ospf-next-hop>
      <ospf-backup-next-hop>....</ospf-backup-next-hop>
      <ospf-area>
        ospf-area
      </ospf-area>
      <optional-capability>
        optional-capability
      </optional-capability>
      <route-origin>
        route-origin
      </route-origin>
      <route-priority>
        route-priority
      </route-priority>
      <type7>
        type7
      </type7>
      <pbit>
        pbit
      </pbit>
      <forward-nz>
        forward-nz
      </forward-nz>
    </ospf3-route-entry>
  </ospf3-route>
</ospf3-route-information>
```

Description

<ospf3-route-information>

Usage

```
<ospf3-route-information>
  <ospf3-route>....</ospf3-route>
</ospf3-route-information>
```

Description

<ospf3-router-lsa>

Usage

```
<ospf3-router-lsa>
  <bits>
    bits
  </bits>
  <ospf3-options>
    ospf3-options
  </ospf3-options>
  <ospf3-link>....</ospf3-link>
  <ospf3-lsa-topology>....</ospf3-lsa-topology>
</ospf3-router-lsa>
```

Description

<ospf3-router-lsa>

Usage

```
<ospf3-database>
  <ospf3-router-lsa>
    <bits>
      bits
    </bits>
    <ospf3-options>
      ospf3-options
    </ospf3-options>
    <ospf3-link>....</ospf3-link>
    <ospf3-lsa-topology>....</ospf3-lsa-topology>
  </ospf3-router-lsa>
</ospf3-database>
```

Description

<ospf3-router-lsa>

Usage

```
<ospf3-database-information>
  <ospf3-database>
    <ospf3-router-lsa>
      <bits>
        bits
      </bits>
      <ospf3-options>
```

```

    ospf3-options
  </ospf3-options>
  <ospf3-link>....</ospf3-link>
  <ospf3-lsa-topology>....</ospf3-lsa-topology>
</ospf3-router-lsa>
</ospf3-database>
</ospf3-database-information>

```

Description**<ospf3-statistics-information>****Usage**

```

<ospf3-statistics-information>
  <ospf-statistics>....</ospf-statistics>
</ospf3-statistics-information>

```

Description**<ospf3-topology-area-backup-neighbor>****Usage**

```

<ospf3-topology-area-backup-neighbor>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf3-backup-neighbor-node>....</ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>

```

Description OSPFv3 topology area specific backup neighbors**<ospf3-topology-area-backup-neighbor>****Usage**

```

<ospf3-topology-backup-neighbor>
  <ospf3-topology-area-backup-neighbor>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf3-backup-neighbor-node>....</ospf3-backup-neighbor-node>
  </ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>

```

Description OSPFv3 topology area specific backup neighbors**<ospf3-topology-area-backup-neighbor>****Usage**

```

<ospf3-backup-neighbor-information>
  <ospf3-topology-backup-neighbor>
    <ospf3-topology-area-backup-neighbor>

```

```
<ospf-area>
  ospf-area
</ospf-area>
<ospf3-backup-neighbor-node>....</ospf3-backup-neighbor-node>
</ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>
</ospf3-backup-neighbor-information>
```

Description OSPFv3 topology area specific backup neighbors

<ospf3-topology-area-backup-spf>

Usage

```
<ospf3-topology-area-backup-spf>
<ospf-area>
  ospf-area
</ospf-area>
<ospf3-backup-spf-node>....</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
```

Description OSPFv3 topology area specific backup SPF results

<ospf3-topology-area-backup-spf>

Usage

```
<ospf3-topology-backup-spf>
<ospf3-topology-area-backup-spf>
  <ospf-area>
    ospf-area
  </ospf-area>
  <ospf3-backup-spf-node>....</ospf3-backup-spf-node>
</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description OSPFv3 topology area specific backup SPF results

<ospf3-topology-area-backup-spf>

Usage

```
<ospf3-backup-spf-information>
<ospf3-topology-backup-spf>
  <ospf3-topology-area-backup-spf>
    <ospf-area>
      ospf-area
    </ospf-area>
    <ospf3-backup-spf-node>....</ospf3-backup-spf-node>
  </ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```


Description OSPFv3 topology area specific backup SPF results

<ospf3-topology-backup-coverage>

Usage

```
<ospf3-topology-backup-coverage>
  <ospf3-backup-node-coverage>.....</ospf3-backup-node-coverage>
  <ospf3-backup-route-coverage>.....</ospf3-backup-route-coverage>
</ospf3-topology-backup-coverage>
```

Description

<ospf3-topology-backup-coverage>

Usage

```
<ospf3-backup-coverage-information>
  <ospf3-topology-backup-coverage>
    <ospf3-backup-node-coverage>.....</ospf3-backup-node-coverage>
    <ospf3-backup-route-coverage>.....</ospf3-backup-route-coverage>
  </ospf3-topology-backup-coverage>
</ospf3-backup-coverage-information>
```

Description

<ospf3-topology-backup-neighbor>

Usage

```
<ospf3-topology-backup-neighbor>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>

  <ospf3-topology-area-backup-neighbor>.....</ospf3-topology-area-backup-neighbor>
</ospf3-topology-backup-neighbor>
```

Description OSPFv3 topology specific backup neighbors

<ospf3-topology-backup-neighbor>

Usage

```
<ospf3-backup-neighbor-information>
  <ospf3-topology-backup-neighbor>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>

  <ospf3-topology-area-backup-neighbor>.....</ospf3-topology-area-backup-neighbor>
  </ospf3-topology-backup-neighbor>
</ospf3-backup-neighbor-information>
```

Description OSPFv3 topology specific backup neighbors

<ospf3-topology-backup-spf>

Usage

```
<ospf3-topology-backup-spf>
  <ospf-topology-name>
    ospf-topology-name
  </ospf-topology-name>
  <ospf3-topology-area-backup-spf>....</ospf3-topology-area-backup-spf>
</ospf3-topology-backup-spf>
```

Description OSPFv3 topology specific backup SPF results

<ospf3-topology-backup-spf>

Usage

```
<ospf3-backup-spf-information>
  <ospf3-topology-backup-spf>
    <ospf-topology-name>
      ospf-topology-name
    </ospf-topology-name>
    <ospf3-topology-area-backup-spf>....</ospf3-topology-area-backup-spf>
  </ospf3-topology-backup-spf>
</ospf3-backup-spf-information>
```

Description OSPFv3 topology specific backup SPF results

<overbooked-bandwidth>

Usage

```
<rsvp-telink>
  <overbooked-bandwidth>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
  </overbooked-bandwidth>
</rsvp-telink>
```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <overbooked-bandwidth>
        <bandwidth-priority>
          bandwidth-priority
        </bandwidth-priority>
      </overbooked-bandwidth>
    </rsvp-telink>
  </rsvp-session>
</rsvp-session-data>
```

```

    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
  </overbooked-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>

```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```

<rsvp-session>
  <rsvp-telink>
    <overbooked-bandwidth>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
    </overbooked-bandwidth>
  </rsvp-telink>
</rsvp-session>

```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <overbooked-bandwidth>
          <bandwidth-priority>
            bandwidth-priority
          </bandwidth-priority>
          <total-reserved-bandwidth>
            total-reserved-bandwidth
          </total-reserved-bandwidth>
        </overbooked-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>

```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```
<rsvp-interface>
  <rsvp-telink>
    <overbooked-bandwidth>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
    </overbooked-bandwidth>
  </rsvp-telink>
</rsvp-interface>
```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```
<rsvp-interface-information>
  <rsvp-interface>
    <rsvp-telink>
      <overbooked-bandwidth>
        <bandwidth-priority>
          bandwidth-priority
        </bandwidth-priority>
        <total-reserved-bandwidth>
          total-reserved-bandwidth
        </total-reserved-bandwidth>
      </overbooked-bandwidth>
    </rsvp-telink>
  </rsvp-interface>
</rsvp-interface-information>
```

Description Bandwidth overbooked at different priority levels

<overbooked-bandwidth>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <overbooked-bandwidth>
          <bandwidth-priority>
            bandwidth-priority
          </bandwidth-priority>
          <total-reserved-bandwidth>
            total-reserved-bandwidth
          </total-reserved-bandwidth>
        </overbooked-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

```
        </overbooked-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Bandwidth overbooked at different priority levels

<overbooked-ct-bandwidth>

Usage

```
<rsvp-telink>
  <overbooked-ct-bandwidth>
    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
      ct-bw1
    </ct-bw1>
    <ct-bw2>
      ct-bw2
    </ct-bw2>
    <ct-bw3>
      ct-bw3
    </ct-bw3>
    <ct-bw4>
      ct-bw4
    </ct-bw4>
    <ct-bw5>
      ct-bw5
    </ct-bw5>
    <ct-bw6>
      ct-bw6
    </ct-bw6>
    <ct-bw7>
      ct-bw7
    </ct-bw7>
  </overbooked-ct-bandwidth>
</rsvp-telink>
```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <overbooked-ct-bandwidth>
        <ct-class>
```

```
    ct-class
  </ct-class>
  <ct-bw0>
    ct-bw0
  </ct-bw0>
  <ct-bw1>
    ct-bw1
  </ct-bw1>
  <ct-bw2>
    ct-bw2
  </ct-bw2>
  <ct-bw3>
    ct-bw3
  </ct-bw3>
  <ct-bw4>
    ct-bw4
  </ct-bw4>
  <ct-bw5>
    ct-bw5
  </ct-bw5>
  <ct-bw6>
    ct-bw6
  </ct-bw6>
  <ct-bw7>
    ct-bw7
  </ct-bw7>
  </overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```
<rsvp-session>
  <rsvp-telink>
    <overbooked-ct-bandwidth>
      <ct-class>
        ct-class
      </ct-class>
      <ct-bw0>
        ct-bw0
      </ct-bw0>
      <ct-bw1>
        ct-bw1
      </ct-bw1>
      <ct-bw2>
        ct-bw2
      </ct-bw2>
      <ct-bw3>
        ct-bw3
      </ct-bw3>
```

```

    <ct-bw4>
      ct-bw4
    </ct-bw4>
    <ct-bw5>
      ct-bw5
    </ct-bw5>
    <ct-bw6>
      ct-bw6
    </ct-bw6>
    <ct-bw7>
      ct-bw7
    </ct-bw7>
  </overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>

```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <overbooked-ct-bandwidth>
          <ct-class>
            ct-class
          </ct-class>
          <ct-bw0>
            ct-bw0
          </ct-bw0>
          <ct-bw1>
            ct-bw1
          </ct-bw1>
          <ct-bw2>
            ct-bw2
          </ct-bw2>
          <ct-bw3>
            ct-bw3
          </ct-bw3>
          <ct-bw4>
            ct-bw4
          </ct-bw4>
          <ct-bw5>
            ct-bw5
          </ct-bw5>
          <ct-bw6>
            ct-bw6
          </ct-bw6>
          <ct-bw7>
            ct-bw7
          </ct-bw7>
        </overbooked-ct-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>

```

```
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```
<rsvp-interface>
  <rsvp-telink>
    <overbooked-ct-bandwidth>
      <ct-class>
        ct-class
      </ct-class>
      <ct-bw0>
        ct-bw0
      </ct-bw0>
      <ct-bw1>
        ct-bw1
      </ct-bw1>
      <ct-bw2>
        ct-bw2
      </ct-bw2>
      <ct-bw3>
        ct-bw3
      </ct-bw3>
      <ct-bw4>
        ct-bw4
      </ct-bw4>
      <ct-bw5>
        ct-bw5
      </ct-bw5>
      <ct-bw6>
        ct-bw6
      </ct-bw6>
      <ct-bw7>
        ct-bw7
      </ct-bw7>
    </overbooked-ct-bandwidth>
  </rsvp-telink>
</rsvp-interface>
```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```
<rsvp-interface-information>
  <rsvp-interface>
    <rsvp-telink>
      <overbooked-ct-bandwidth>
```



```

    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
      ct-bw1
    </ct-bw1>
    <ct-bw2>
      ct-bw2
    </ct-bw2>
    <ct-bw3>
      ct-bw3
    </ct-bw3>
    <ct-bw4>
      ct-bw4
    </ct-bw4>
    <ct-bw5>
      ct-bw5
    </ct-bw5>
    <ct-bw6>
      ct-bw6
    </ct-bw6>
    <ct-bw7>
      ct-bw7
    </ct-bw7>
  </overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-interface>
</rsvp-interface-information>

```

Description Bandwidth overbooked at different class/priority levels

<overbooked-ct-bandwidth>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <overbooked-ct-bandwidth>
          <ct-class>
            ct-class
          </ct-class>
          <ct-bw0>
            ct-bw0
          </ct-bw0>
          <ct-bw1>
            ct-bw1
          </ct-bw1>
          <ct-bw2>
            ct-bw2
          </ct-bw2>

```

```
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Bandwidth overbooked at different class/priority levels

<packet-information>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <packet-information>
      <previous-hop>
        previous-hop
      </previous-hop>
      <next-hop>
        next-hop
      </next-hop>
      <interface-name>
        interface-name
      </interface-name>
      <count>
        count
      </count>
    </packet-information>
  </rsvp-session>
</rsvp-session-data>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <detour>
```

```

<packet-information>
  <previous-hop>
    previous-hop
  </previous-hop>
  <next-hop>
    next-hop
  </next-hop>
  <interface-name>
    interface-name
  </interface-name>
  <count>
    count
  </count>
</packet-information>
</detour>
</rsvp-session>
</rsvp-session-data>

```

Description RSVP packets sent or received per session

<packet-information>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <detour-branch>
      <packet-information>
        <previous-hop>
          previous-hop
        </previous-hop>
        <next-hop>
          next-hop
        </next-hop>
        <interface-name>
          interface-name
        </interface-name>
        <count>
          count
        </count>
      </packet-information>
    </detour-branch>
  </rsvp-session>
</rsvp-session-data>

```

Description RSVP packets sent or received per session

<packet-information>

Usage

```

<rsvp-session>
  <packet-information>
    <previous-hop>
      previous-hop

```

```
</previous-hop>
<next-hop>
  next-hop
</next-hop>
<interface-name>
  interface-name
</interface-name>
<count>
  count
</count>
</packet-information>
</rsvp-session>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session>
<detour>
  <packet-information>
    <previous-hop>
      previous-hop
    </previous-hop>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
    </interface-name>
    <count>
      count
    </count>
  </packet-information>
</detour>
</rsvp-session>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session>
<detour-branch>
  <packet-information>
    <previous-hop>
      previous-hop
    </previous-hop>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
```

```
</interface-name>
<count>
  count
</count>
</packet-information>
</detour-branch>
</rsvp-session>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<detour>
  <packet-information>
    <previous-hop>
      previous-hop
    </previous-hop>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
    </interface-name>
    <count>
      count
    </count>
  </packet-information>
</detour>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<detour-branch>
  <packet-information>
    <previous-hop>
      previous-hop
    </previous-hop>
    <next-hop>
      next-hop
    </next-hop>
    <interface-name>
      interface-name
    </interface-name>
    <count>
      count
    </count>
  </packet-information>
</detour-branch>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <packet-information>
        <previous-hop>
          previous-hop
        </previous-hop>
        <next-hop>
          next-hop
        </next-hop>
        <interface-name>
          interface-name
        </interface-name>
        <count>
          count
        </count>
      </packet-information>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <packet-information>
          <previous-hop>
            previous-hop
          </previous-hop>
          <next-hop>
            next-hop
          </next-hop>
          <interface-name>
            interface-name
          </interface-name>
          <count>
            count
          </count>
        </packet-information>
      </detour>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <packet-information>
          <previous-hop>
            previous-hop
          </previous-hop>
          <next-hop>
            next-hop
          </next-hop>
          <interface-name>
            interface-name
          </interface-name>
          <count>
            count
          </count>
        </packet-information>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <packet-information>
        <previous-hop>
          previous-hop
        </previous-hop>
        <next-hop>
          next-hop
        </next-hop>
        <interface-name>
          interface-name
        </interface-name>
        <count>
          count
        </count>
      </packet-information>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <packet-information>
          <previous-hop>
            previous-hop
          </previous-hop>
          <next-hop>
            next-hop
          </next-hop>
          <interface-name>
            interface-name
          </interface-name>
          <count>
            count
          </count>
        </packet-information>
      </detour>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description RSVP packets sent or received per session

<packet-information>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <packet-information>
          <previous-hop>
            previous-hop
          </previous-hop>
          <next-hop>
            next-hop
          </next-hop>
          <interface-name>
            interface-name
          </interface-name>
          <count>
            count
          </count>
        </packet-information>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
```



```
</mpls-lsp-information>
```

Description RSVP packets sent or received per session

<packet-statistics>

Usage

```
<ospf-statistics>
  <packet-statistics>
    <ospf-packet-type>
      ospf-packet-type
    </ospf-packet-type>
    <packets-sent>
      packets-sent
    </packets-sent>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent-5seconds>
      packets-sent-5seconds
    </packets-sent-5seconds>
    <packets-received-5seconds>
      packets-received-5seconds
    </packets-received-5seconds>
  </packet-statistics>
</ospf-statistics>
```

Description

<packet-statistics>

Usage

```
<ospf-statistics-information>
  <ospf-statistics>
    <packet-statistics>
      <ospf-packet-type>
        ospf-packet-type
      </ospf-packet-type>
      <packets-sent>
        packets-sent
      </packets-sent>
      <packets-received>
        packets-received
      </packets-received>
      <packets-sent-5seconds>
        packets-sent-5seconds
      </packets-sent-5seconds>
      <packets-received-5seconds>
        packets-received-5seconds
      </packets-received-5seconds>
    </packet-statistics>
  </ospf-statistics>
</ospf-statistics-information>
```

Description**<packet-statistics>****Usage**

```
<ospf3-statistics-information>
  <ospf-statistics>
    <packet-statistics>
      <ospf-packet-type>
        ospf-packet-type
      </ospf-packet-type>
      <packets-sent>
        packets-sent
      </packets-sent>
      <packets-received>
        packets-received
      </packets-received>
      <packets-sent-5seconds>
        packets-sent-5seconds
      </packets-sent-5seconds>
      <packets-received-5seconds>
        packets-received-5seconds
      </packets-received-5seconds>
    </packet-statistics>
  </ospf-statistics>
</ospf3-statistics-information>
```

Description**<path-available-bandwidth>****Usage**

```
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-available-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </path-available-bandwidth>
      </mpls-lsp-path>
    </mpls-lsp>
  </rsvp-session>
</rsvp-session-data>
```

Description Available bandwidth on an LSP path

<path-available-bandwidth>**Usage**

```

<rsvp-session>
  <mpls-lsp>
    <mpls-lsp-path>
      <path-available-bandwidth>
        <bandwidth>
          bandwidth
        </bandwidth>
        <class-type>
          class-type
        </class-type>
        <class-bandwidth>
          class-bandwidth
        </class-bandwidth>
      </path-available-bandwidth>
    </mpls-lsp-path>
  </mpls-lsp>
</rsvp-session>

```

Description Available bandwidth on an LSP path

<path-available-bandwidth>**Usage**

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <path-available-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
            <class-type>
              class-type
            </class-type>
            <class-bandwidth>
              class-bandwidth
            </class-bandwidth>
          </path-available-bandwidth>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>

```

Description Available bandwidth on an LSP path

<path-available-bandwidth>

Usage

```
<mpls-lsp-path>
  <path-available-bandwidth>
    <bandwidth>
      bandwidth
    </bandwidth>
    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </path-available-bandwidth>
</mpls-lsp-path>
```

Description Available bandwidth on an LSP path

<path-available-bandwidth>

Usage

```
<mpls-lsp>
  <mpls-lsp-path>
    <path-available-bandwidth>
      <bandwidth>
        bandwidth
      </bandwidth>
      <class-type>
        class-type
      </class-type>
      <class-bandwidth>
        class-bandwidth
      </class-bandwidth>
    </path-available-bandwidth>
  </mpls-lsp-path>
</mpls-lsp>
```

Description Available bandwidth on an LSP path

<path-available-bandwidth>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <path-available-bandwidth>
            <bandwidth>
              bandwidth
            </bandwidth>
```

```

    <class-type>
      class-type
    </class-type>
    <class-bandwidth>
      class-bandwidth
    </class-bandwidth>
  </path-available-bandwidth>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description Available bandwidth on an LSP path

<path-available-bandwidth>

Usage

```

<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-available-bandwidth>
          <bandwidth>
            bandwidth
          </bandwidth>
          <class-type>
            class-type
          </class-type>
          <class-bandwidth>
            class-bandwidth
          </class-bandwidth>
        </path-available-bandwidth>
      </mpls-lsp-path>
    </mpls-lsp>
  </mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description Available bandwidth on an LSP path

<path-history>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-history>
          <sequence-number>
            sequence-number
          </sequence-number>
          <time>
            time

```

```
</time>
<log>
  log
</log>
<route>
  route
</route>
</path-history>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<rsvp-session>
<mpls-lsp>
<mpls-lsp-path>
  <path-history>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time>
      time
    </time>
    <log>
      log
    </log>
    <route>
      route
    </route>
  </path-history>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<rsvp-session-information>
<rsvp-session-data>
  <rsvp-session>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-history>
          <sequence-number>
            sequence-number
          </sequence-number>
```

```
<time>
  time
</time>
<log>
  log
</log>
<route>
  route
</route>
</path-history>
</mpls-lsp-path>
</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<mpls-lsp-path>
  <path-history>
    <sequence-number>
      sequence-number
    </sequence-number>
    <time>
      time
    </time>
    <log>
      log
    </log>
    <route>
      route
    </route>
  </path-history>
</mpls-lsp-path>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<mpls-lsp>
  <mpls-lsp-path>
    <path-history>
      <sequence-number>
        sequence-number
      </sequence-number>
      <time>
        time
      </time>
      <log>
```

```
    log
  </log>
<route>
  route
</route>
</path-history>
</mpls-lsp-path>
</mpls-lsp>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <mpls-lsp>
        <mpls-lsp-path>
          <path-history>
            <sequence-number>
              sequence-number
            </sequence-number>
            <time>
              time
            </time>
          </path-history>
        </mpls-lsp-path>
      </mpls-lsp>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Log over time of LSP path-related events

<path-history>

Usage

```
<mpls-call-admission-control-information>
  <mpls-call-admission-control>
    <mpls-lsp>
      <mpls-lsp-path>
        <path-history>
          <sequence-number>
            sequence-number
          </sequence-number>
          <time>
```



```

        time
      </time>
    <log>
      log
    </log>
    <route>
      route
    </route>
  </path-history>
</mpls-lsp-path>
</mpls-lsp>
</mpls-call-admission-control>
</mpls-call-admission-control-information>

```

Description Log over time of LSP path-related events

<pim-bootstrap-information>

Usage

```

<pim-bootstrap-information>
  <pim-instance>
    pim-instance
  </pim-instance>
  <bootstrap-family>....</bootstrap-family>
</pim-bootstrap-information>

```

Description

<pim-group-flags>

Usage

```

<pim-join-information>
  <join-family>
    <join-group>
      <pim-group-flags>
        <sparse>
          sparse
        </sparse>
        <dense>
          dense
        </dense>
        <delete>
          delete
        </delete>
      <rptree>
        rptree
      </rptree>
      <wildcard>
        wildcard
      </wildcard>
      <spt>
        spt
      </spt>
    </pim-group-flags>
  </join-group>
</join-family>
</pim-join-information>

```

```
</join-group>
</join-family>
</pim-join-information>
```

Description

<pim-interface>

Usage

```
<pim-interfaces-information>
  <pim-interface>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <status>
      status
    </status>
    <pim-interface-mode>
      pim-interface-mode
    </pim-interface-mode>
    <ip-protocol-version>
      ip-protocol-version
    </ip-protocol-version>
    <protocol-version>
      protocol-version
    </protocol-version>
    <interface-state>
      interface-state
    </interface-state>
    <neighbor-count>
      neighbor-count
    </neighbor-count>
    <interface-join-sg-count>
      interface-join-sg-count
    </interface-join-sg-count>
    <interface-join-tsg-count>
      interface-join-tsg-count
    </interface-join-tsg-count>
    <designated-router-address>
      designated-router-address
    </designated-router-address>
    <pim-neighbor>....</pim-neighbor>
  </pim-interface>
</pim-interfaces-information>
```

Description

<pim-interface>

Usage

```
<pim-neighbors-information>
  <pim-interface>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
  </pim-interface>
</pim-neighbors-information>
```

```

</pim-interface-name>
<status>
  status
</status>
<pim-interface-mode>
  pim-interface-mode
</pim-interface-mode>
<ip-protocol-version>
  ip-protocol-version
</ip-protocol-version>
<protocol-version>
  protocol-version
</protocol-version>
<interface-state>
  interface-state
</interface-state>
<neighbor-count>
  neighbor-count
</neighbor-count>
<interface-join-sg-count>
  interface-join-sg-count
</interface-join-sg-count>
<interface-join-tsg-count>
  interface-join-tsg-count
</interface-join-tsg-count>
<designated-router-address>
  designated-router-address
</designated-router-address>
<pim-neighbor>....</pim-neighbor>
</pim-interface>
</pim-neighbors-information>

```

Description

<pim-interfaces-information>

Usage

```

<pim-interfaces-information>
  <pim-instance>
    pim-instance
  </pim-instance>
  <pim-interface>....</pim-interface>
</pim-interfaces-information>

```

Description

<pim-join-information>

Usage

```

<pim-join-information>
  <join-family>....</join-family>
</pim-join-information>

```

Description**<pim-mdt-information>****Usage**

```
<pim-mdt-information>
  <pim-instance>
    pim-instance
  </pim-instance>
  <mdt-default-group-address>
    mdt-default-group-address
  </mdt-default-group-address>
  <mdt-default-source-address>
    mdt-default-source-address
  </mdt-default-source-address>
  <mdt-default-interface-name>
    mdt-default-interface-name
  </mdt-default-interface-name>
  <mdt-default-tunnel-source>
    mdt-default-tunnel-source
  </mdt-default-tunnel-source>
  <mdt-tunnel-direction>
    mdt-tunnel-direction
  </mdt-tunnel-direction>
  <mdt-tunnel-mode>
    mdt-tunnel-mode
  </mdt-tunnel-mode>
  <mdt-pim-instance>
    mdt-pim-instance
  </mdt-pim-instance>
  <mdt-default-tunnel-information>....</mdt-default-tunnel-information>
  <mdt-active-tunnel>....</mdt-active-tunnel>
</pim-mdt-information>
```

Description**<pim-mvpn-information>****Usage**

```
<pim-mvpn-information>
  <pim-mvpn-instance-name>
    pim-mvpn-instance-name
  </pim-mvpn-instance-name>
  <pim-mvpn-address>
    pim-mvpn-address
  </pim-mvpn-address>
  <pim-mvpn-mode>
    pim-mvpn-mode
  </pim-mvpn-mode>
  <pim-mvpn-tunnel>
    pim-mvpn-tunnel
  </pim-mvpn-tunnel>
</pim-mvpn-information>
```

Description

<pim-neighbor>

Usage

```

<pim-interfaces-information>
  <pim-interface>
    <pim-neighbor>
      <pim-interface-name>
        pim-interface-name
      </pim-interface-name>
      <ip-protocol-version>
        ip-protocol-version
      </ip-protocol-version>
      <protocol-version>
        protocol-version
      </protocol-version>
      <pim-interface-mode>
        pim-interface-mode
      </pim-interface-mode>
      <neighbor-join-sg-count>
        neighbor-join-sg-count
      </neighbor-join-sg-count>
      <neighbor-join-tsg-count>
        neighbor-join-tsg-count
      </neighbor-join-tsg-count>
      <pim-neighbor-flags>....</pim-neighbor-flags>
      <pim-neighbor-uptime>
        pim-neighbor-uptime
      </pim-neighbor-uptime>
      <pim-neighbor-address>
        pim-neighbor-address
      </pim-neighbor-address>
      <pim-neighbor-secondary-address>
        pim-neighbor-secondary-address
      </pim-neighbor-secondary-address>
      <hello-holdtime>
        hello-holdtime
      </hello-holdtime>
      <hello-holdtime-remaining>
        hello-holdtime-remaining
      </hello-holdtime-remaining>
      <hello-default-holdtime>
        hello-default-holdtime
      </hello-default-holdtime>
      <hello-default-holdtime-remaining>
        hello-default-holdtime-remaining
      </hello-default-holdtime-remaining>
      <hello-dr-priority>
        hello-dr-priority
      </hello-dr-priority>
      <hello-generation-id>
        hello-generation-id
      </hello-generation-id>
      <hello-lanprune-delay>
        hello-lanprune-delay

```

```
</hello-lanprune-delay>
<hello-override-interval>
  hello-override-interval
</hello-override-interval>
<pim-neighbor-bfd>....</pim-neighbor-bfd>
<pim-neighbor-join>....</pim-neighbor-join>
<pim-neighbor-assert>....</pim-neighbor-assert>
</pim-neighbor>
</pim-interface>
</pim-interfaces-information>
```

Description

<pim-neighbor>

Usage

```
<pim-neighbors-information>
<pim-interface>
  <pim-neighbor>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <ip-protocol-version>
      ip-protocol-version
    </ip-protocol-version>
    <protocol-version>
      protocol-version
    </protocol-version>
    <pim-interface-mode>
      pim-interface-mode
    </pim-interface-mode>
    <neighbor-join-sg-count>
      neighbor-join-sg-count
    </neighbor-join-sg-count>
    <neighbor-join-tsg-count>
      neighbor-join-tsg-count
    </neighbor-join-tsg-count>
    <pim-neighbor-flags>....</pim-neighbor-flags>
    <pim-neighbor-uptime>
      pim-neighbor-uptime
    </pim-neighbor-uptime>
    <pim-neighbor-address>
      pim-neighbor-address
    </pim-neighbor-address>
    <pim-neighbor-secondary-address>
      pim-neighbor-secondary-address
    </pim-neighbor-secondary-address>
    <hello-holdtime>
      hello-holdtime
    </hello-holdtime>
    <hello-holdtime-remaining>
      hello-holdtime-remaining
    </hello-holdtime-remaining>
    <hello-default-holdtime>
      hello-default-holdtime
```

```

</hello-default-holdtime>
<hello-default-holdtime-remaining>
  hello-default-holdtime-remaining
</hello-default-holdtime-remaining>
<hello-dr-priority>
  hello-dr-priority
</hello-dr-priority>
<hello-generation-id>
  hello-generation-id
</hello-generation-id>
<hello-lanprune-delay>
  hello-lanprune-delay
</hello-lanprune-delay>
<hello-override-interval>
  hello-override-interval
</hello-override-interval>
<pim-neighbor-bfd>....</pim-neighbor-bfd>
<pim-neighbor-join>....</pim-neighbor-join>
<pim-neighbor-assert>....</pim-neighbor-assert>
</pim-neighbor>
</pim-interface>
</pim-neighbors-information>

```

Description

<pim-neighbor-assert>

Usage

```

<pim-interfaces-information>
<pim-interface>
<pim-neighbor>
  <pim-neighbor-assert>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <assert-state>
      assert-state
    </assert-state>
    <pim-neighbor-address>
      pim-neighbor-address
    </pim-neighbor-address>
    <assert-timeout>
      assert-timeout
    </assert-timeout>
  </pim-neighbor-assert>
</pim-neighbor>
</pim-interface>
</pim-interfaces-information>

```

Description

<pim-neighbor-assert>

Usage

```
<pim-neighbors-information>
  <pim-interface>
    <pim-neighbor>
      <pim-neighbor-assert>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
        <assert-state>
          assert-state
        </assert-state>
        <pim-neighbor-address>
          pim-neighbor-address
        </pim-neighbor-address>
        <assert-timeout>
          assert-timeout
        </assert-timeout>
      </pim-neighbor-assert>
    </pim-neighbor>
  </pim-interface>
</pim-neighbors-information>
```

Description

<pim-neighbor-bfd>

Usage

```
<pim-interfaces-information>
  <pim-interface>
    <pim-neighbor>
      <pim-neighbor-bfd>
        <configuration-state>
          configuration-state
        </configuration-state>
        <operational-state>
          operational-state
        </operational-state>
      </pim-neighbor-bfd>
    </pim-neighbor>
  </pim-interface>
</pim-interfaces-information>
```

Description

<pim-neighbor-bfd>

Usage

```
<pim-neighbors-information>
  <pim-interface>
```



```

<pim-neighbor>
  <pim-neighbor-bfd>
    <configuration-state>
      configuration-state
    </configuration-state>
    <operational-state>
      operational-state
    </operational-state>
  </pim-neighbor-bfd>
</pim-neighbor>
</pim-interface>
</pim-neighbors-information>

```

Description

<pim-neighbor-flags>

Usage

```

<pim-interfaces-information>
<pim-interface>
  <pim-neighbor>
    <pim-neighbor-flags>
      <pim-neighbor-hold-time-flag>
        pim-neighbor-hold-time-flag
      </pim-neighbor-hold-time-flag>
      <pim-neighbor-priority-flag>
        pim-neighbor-priority-flag
      </pim-neighbor-priority-flag>
      <pim-neighbor-lan-prune-flag>
        pim-neighbor-lan-prune-flag
      </pim-neighbor-lan-prune-flag>
      <pim-neighbor-generation-id-flag>
        pim-neighbor-generation-id-flag
      </pim-neighbor-generation-id-flag>
      <pim-neighbor-bidirectional-flag>
        pim-neighbor-bidirectional-flag
      </pim-neighbor-bidirectional-flag>
      <pim-neighbor-t-bit-flag>
        pim-neighbor-t-bit-flag
      </pim-neighbor-t-bit-flag>
    </pim-neighbor-flags>
  </pim-neighbor>
</pim-interface>
</pim-interfaces-information>

```

Description

<pim-neighbor-flags>

Usage

```

<pim-neighbors-information>
<pim-interface>
  <pim-neighbor>
    <pim-neighbor-flags>

```

```
<pim-neighbor-hold-time-flag>
  pim-neighbor-hold-time-flag
</pim-neighbor-hold-time-flag>
<pim-neighbor-priority-flag>
  pim-neighbor-priority-flag
</pim-neighbor-priority-flag>
<pim-neighbor-lan-prune-flag>
  pim-neighbor-lan-prune-flag
</pim-neighbor-lan-prune-flag>
<pim-neighbor-generation-id-flag>
  pim-neighbor-generation-id-flag
</pim-neighbor-generation-id-flag>
<pim-neighbor-bidirectional-flag>
  pim-neighbor-bidirectional-flag
</pim-neighbor-bidirectional-flag>
<pim-neighbor-t-bit-flag>
  pim-neighbor-t-bit-flag
</pim-neighbor-t-bit-flag>
</pim-neighbor-flags>
</pim-neighbor>
</pim-interface>
</pim-neighbors-information>
```

Description

<pim-neighbor-join>

Usage

```
<pim-interfaces-information>
<pim-interface>
<pim-neighbor>
  <pim-neighbor-join>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <join-timeout>
      join-timeout
    </join-timeout>
  </pim-neighbor-join>
</pim-neighbor>
</pim-interface>
</pim-interfaces-information>
```

Description

<pim-neighbor-join>

Usage

```
<pim-neighbors-information>
<pim-interface>
  <pim-neighbor>
```

```

<pim-neighbor-join>
  <multicast-group-address>
    multicast-group-address
  </multicast-group-address>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
  <join-timeout>
    join-timeout
  </join-timeout>
</pim-neighbor-join>
</pim-neighbor>
</pim-interface>
</pim-neighbors-information>

```

Description

<pim-neighbors-information>

Usage

```

<pim-neighbors-information>
  <pim-instance>
    pim-instance
  </pim-instance>
  <pim-interface>....</pim-interface>
</pim-neighbors-information>

```

Description

<pim-other-statistic>

Usage

```

<pim-statistics-information>
  <pim-statistics-all>
    <pim-statistics-other>
      <pim-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </pim-other-statistic>
    </pim-statistics-other>
  </pim-statistics-all>
</pim-statistics-information>

```

Description

<pim-other-statistic>

Usage

```

<pim-statistics-information>
  <everything>

```

```
<pim-statistics-other>
  <pim-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </pim-other-statistic>
</pim-statistics-other>
</everything>
</pim-statistics-information>
```

Description

<pim-rps-information>

Usage

```
<pim-rps-information>
  <pim-instance>
    pim-instance
  </pim-instance>
  <rp-family>....</rp-family>
  <rendezvous-point-address-info>....</rendezvous-point-address-info>
</pim-rps-information>
```

Description

<pim-source>

Usage

```
<pim-source-information>
  <source-family>
    <pim-source>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <route-prefix>
        route-prefix
      </route-prefix>
      <upstream-interface-name>
        upstream-interface-name
      </upstream-interface-name>
      <upstream-neighbor>
        upstream-neighbor
      </upstream-neighbor>
      <upstream-group>....</upstream-group>
    </pim-source>
  </source-family>
</pim-source-information>
```

Description

<pim-source-information>**Usage**

```
<pim-source-information>
  <source-family>....</source-family>
</pim-source-information>
```

Description**<pim-statistic>****Usage**

```
<pim-statistics-information>
  <statistics-family>
    <pim-statistics-interface>
      <pim-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </pim-statistic>
    </pim-statistics-interface>
  </statistics-family>
</pim-statistics-information>
```

Description**<pim-statistic>****Usage**

```
<pim-statistics-information>
  <pim-statistics-all>
    <pim-statistics-global>
      <pim-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
```

```
</pim-statistic>
</pim-statistics-global>
</pim-statistics-all>
</pim-statistics-information>
```

Description

<pim-statistic>

Usage

```
<pim-statistics-information>
<everything>
  <pim-statistics-global>
    <pim-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </pim-statistic>
  </pim-statistics-global>
</everything>
</pim-statistics-information>
```

Description

<pim-statistics-all>

Usage

```
<pim-statistics-information>
<pim-statistics-all>
  <pim-instance>
    pim-instance
  </pim-instance>
  <pim-statistics-global>....</pim-statistics-global>
  <pim-statistics-other>....</pim-statistics-other>
</pim-statistics-all>
</pim-statistics-information>
```

Description

<pim-statistics-global>

Usage

```
<pim-statistics-information>
<pim-statistics-all>
  <pim-statistics-global>
```

```
<pim-statistic>....</pim-statistic>
</pim-statistics-global>
</pim-statistics-all>
</pim-statistics-information>
```

Description

<pim-statistics-global>

Usage

```
<pim-statistics-information>
<everything>
  <pim-statistics-global>
    <pim-statistic>....</pim-statistic>
  </pim-statistics-global>
</everything>
</pim-statistics-information>
```

Description

<pim-statistics-information>

Usage

```
<pim-statistics-information>
<statistics-family>....</statistics-family>
<pim-statistics-all>....</pim-statistics-all>
<everything>....</everything>
</pim-statistics-information>
```

Description

<pim-statistics-interface>

Usage

```
<pim-statistics-information>
<statistics-family>
  <pim-statistics-interface>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <pim-statistic>....</pim-statistic>
  </pim-statistics-interface>
</statistics-family>
</pim-statistics-information>
```

Description

<pim-statistics-other>

Usage

```
<pim-statistics-information>
<pim-statistics-all>
  <pim-statistics-other>
```

```
    <pim-other-statistic>....</pim-other-statistic>
  </pim-statistics-other>
</pim-statistics-all>
</pim-statistics-information>
```

Description

<pim-statistics-other>

Usage

```
<pim-statistics-information>
  <everything>
    <pim-statistics-other>
      <pim-other-statistic>....</pim-other-statistic>
    </pim-statistics-other>
  </everything>
</pim-statistics-information>
```

Description

<prefix-element>

Usage

```
<isis-overview>
  <isis-spf-information>
    <isis-spf>
      <isis-spf-result>
        <prefix-element>
          <address-prefix>
            address-prefix
          </address-prefix>
          <prefix-metric>
            prefix-metric
          </prefix-metric>
          <external-prefix-metric>
            external-prefix-metric
          </external-prefix-metric>
        </prefix-element>
      </isis-spf-result>
    </isis-spf>
  </isis-spf-information>
</isis-overview>
```

Description

<prefix-element>

Usage

```
<isis-overview-information>
  <isis-overview>
    <isis-spf-information>
      <isis-spf>
        <isis-spf-result>
          <prefix-element>
```



```

<address-prefix>
  address-prefix
</address-prefix>
<prefix-metric>
  prefix-metric
</prefix-metric>
<external-prefix-metric>
  external-prefix-metric
</external-prefix-metric>
</prefix-element>
</isis-spf-result>
</isis-spf>
</isis-spf-information>
</isis-overview>
</isis-overview-information>

```

Description

<prefix-element>

Usage

```

<isis-spf-result>
  <prefix-element>
    <address-prefix>
      address-prefix
    </address-prefix>
    <prefix-metric>
      prefix-metric
    </prefix-metric>
    <external-prefix-metric>
      external-prefix-metric
    </external-prefix-metric>
  </prefix-element>
</isis-spf-result>

```

Description

<prefix-element>

Usage

```

<isis-spf>
  <isis-spf-result>
    <prefix-element>
      <address-prefix>
        address-prefix
      </address-prefix>
      <prefix-metric>
        prefix-metric
      </prefix-metric>
      <external-prefix-metric>
        external-prefix-metric
      </external-prefix-metric>
    </prefix-element>
  </isis-spf-result>

```

```
</isis-spf>
```

Description

<prefix-element>

Usage

```
<isis-spf-information>
  <isis-spf>
    <isis-spf-result>
      <prefix-element>
        <address-prefix>
          address-prefix
        </address-prefix>
        <prefix-metric>
          prefix-metric
        </prefix-metric>
        <external-prefix-metric>
          external-prefix-metric
        </external-prefix-metric>
      </prefix-element>
    </isis-spf-result>
  </isis-spf>
</isis-spf-information>
```

Description

<prefix-limit>

Usage

```
<bgp-option-information>
  <prefix-limit>
    <nlri-type>
      nlri-type
    </nlri-type>
    <prefix-count>
      prefix-count
    </prefix-count>
    <limit-action>
      limit-action
    </limit-action>
    <warning-percentage>
      warning-percentage
    </warning-percentage>
  </prefix-limit>
</bgp-option-information>
```

Description

<prefix-limit>

Usage

```
<bgp-peer>
  <bgp-option-information>
```

```

<prefix-limit>
  <nlri-type>
    nlri-type
  </nlri-type>
  <prefix-count>
    prefix-count
  </prefix-count>
  <limit-action>
    limit-action
  </limit-action>
  <warning-percentage>
    warning-percentage
  </warning-percentage>
</prefix-limit>
</bgp-option-information>
</bgp-peer>

```

Description

<prefix-limit>

Usage

```

<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <prefix-limit>
        <nlri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
        </prefix-count>
        <limit-action>
          limit-action
        </limit-action>
        <warning-percentage>
          warning-percentage
        </warning-percentage>
      </prefix-limit>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>

```

Description

<prefix-limit>

Usage

```

<bgp-group>
  <bgp-option-information>
    <prefix-limit>
      <nlri-type>
        nlri-type
      </nlri-type>

```

```
<prefix-count>
  prefix-count
</prefix-count>
<limit-action>
  limit-action
</limit-action>
<warning-percentage>
  warning-percentage
</warning-percentage>
</prefix-limit>
</bgp-option-information>
</bgp-group>
```

Description

<prefix-limit>

Usage

```
<bgp-information>
<bgp-peer>
  <bgp-option-information>
    <prefix-limit>
      <nlrri-type>
        nlri-type
      </nlri-type>
      <prefix-count>
        prefix-count
      </prefix-count>
      <limit-action>
        limit-action
      </limit-action>
      <warning-percentage>
        warning-percentage
      </warning-percentage>
    </prefix-limit>
  </bgp-option-information>
</bgp-peer>
</bgp-information>
```

Description

<prefix-limit>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <prefix-limit>
        <nlrri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
```

```

    </prefix-count>
    <limit-action>
      limit-action
    </limit-action>
    <warning-percentage>
      warning-percentage
    </warning-percentage>
  </prefix-limit>
</bgp-option-information>
</bgp-peer>
</bgp-group>
</bgp-group-information>

```

Description

<prefix-limit>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-option-information>
      <prefix-limit>
        <nlrri-type>
          nlri-type
        </nlri-type>
        <prefix-count>
          prefix-count
        </prefix-count>
        <limit-action>
          limit-action
        </limit-action>
        <warning-percentage>
          warning-percentage
        </warning-percentage>
      </prefix-limit>
    </bgp-option-information>
  </bgp-group>
</bgp-group-information>

```

Description

<prefix-limit>

Usage

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <prefix-limit>
          <nlrri-type>
            nlri-type
          </nlri-type>
          <prefix-count>
            prefix-count

```

```
</prefix-count>
<limit-action>
  limit-action
</limit-action>
<warning-percentage>
  warning-percentage
</warning-percentage>
</prefix-limit>
</bgp-option-information>
</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description

<prefix-reachability>

Usage

```
<isis-database-local>
<isis-database-local-entry>
  <isis-database-local-data>
    <prefix-reachability>
      <address-prefix>
        address-prefix
      </address-prefix>
      <route-type>
        route-type
      </route-type>
      <metric>
        metric
      </metric>
      <flags>
        flags
      </flags>
      <level>
        level
      </level>
      <isis-fragment>
        isis-fragment
      </isis-fragment>
      <tsi>
        tsi
      </tsi>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <isis-prefix-tag>....</isis-prefix-tag>
    </prefix-reachability>
  </isis-database-local-data>
</isis-database-local-entry>
</isis-database-local>
```

Description

<prefix-reachability>**Usage**

```

<isis-database-local-information>
  <isis-database-local>
    <isis-database-local-entry>
      <isis-database-local-data>
        <prefix-reachability>
          <address-prefix>
            address-prefix
          </address-prefix>
          <route-type>
            route-type
          </route-type>
          <metric>
            metric
          </metric>
          <flags>
            flags
          </flags>
          <level>
            level
          </level>
          <isis-fragment>
            isis-fragment
          </isis-fragment>
          <tsi>
            tsi
          </tsi>
          <isis-topology-id>
            isis-topology-id
          </isis-topology-id>
          <isis-prefix-tag>....</isis-prefix-tag>
        </prefix-reachability>
      </isis-database-local-data>
    </isis-database-local-entry>
  </isis-database-local>
</isis-database-local-information>

```

Description**<protocol-nh>****Usage**

```

<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <protocol-nh>
          <to>
            to
          </to>
          <metric>
            metric
          </metric>

```

```
<indirect-nh>
  indirect-nh
</indirect-nh>
<composite-nh>
  composite-nh
</composite-nh>
<vpnlabel-nh>
  vpnlabel-nh
</vpnlabel-nh>
<mpls-label>
  mpls-label
</mpls-label>
<balance>
  balance
</balance>
<flags>
  flags
</flags>
<forwarding-nh-count>
  forwarding-nh-count
</forwarding-nh-count>
<nh-type>
  nh-type
</nh-type>
<ext-int-type>
  ext-int-type
</ext-int-type>
<nh>....</nh>
</protocol-nh>
</rt-entry>
</rt>
</route-table>
</route-information>
```

Description Protocol next hop

<protocol-nh>

Usage

```
<route-resolution-information>
<route-resolution-tree>
  <node>
    <protocol-nh>
      <to>
        to
      </to>
      <metric>
        metric
      </metric>
      <indirect-nh>
        indirect-nh
      </indirect-nh>
      <composite-nh>
        composite-nh
```



```

</composite-nh>
<vpnlabel-nh>
  vpnlabel-nh
</vpnlabel-nh>
<mpls-label>
  mpls-label
</mpls-label>
<balance>
  balance
</balance>
<flags>
  flags
</flags>
<forwarding-nh-count>
  forwarding-nh-count
</forwarding-nh-count>
<nh-type>
  nh-type
</nh-type>
<ext-int-type>
  ext-int-type
</ext-int-type>
<nh>....</nh>
</protocol-nh>
</node>
</route-resolution-tree>
</route-resolution-information>

```

Description Protocol next hop

<protocol-nh>

Usage

```

<route-summary-information>
<route-table>
<rt>
  <rt-entry>
    <protocol-nh>
      <to>
        to
      </to>
      <metric>
        metric
      </metric>
      <indirect-nh>
        indirect-nh
      </indirect-nh>
      <composite-nh>
        composite-nh
      </composite-nh>
      <vpnlabel-nh>
        vpnlabel-nh
      </vpnlabel-nh>
      <mpls-label>

```

```
    mpls-label
  </mpls-label>
  <balance>
    balance
  </balance>
  <flags>
    flags
  </flags>
  <forwarding-nh-count>
    forwarding-nh-count
  </forwarding-nh-count>
  <nh-type>
    nh-type
  </nh-type>
  <ext-int-type>
    ext-int-type
  </ext-int-type>
  <nh>....</nh>
</protocol-nh>
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description Protocol next hop

<protocols>

Usage

```
<route-information>
  <route-table>
    <protocols>
      <protocol-name>
        protocol-name
      </protocol-name>
      <protocol-route-count>
        protocol-route-count
      </protocol-route-count>
      <active-route-count>
        active-route-count
      </active-route-count>
    </protocols>
  </route-table>
</route-information>
```

Description

<protocols>

Usage

```
<route-summary-information>
  <route-table>
    <protocols>
      <protocol-name>
```

```

        protocol-name
      </protocol-name>
    <protocol-route-count>
      protocol-route-count
    </protocol-route-count>
    <active-route-count>
      active-route-count
    </active-route-count>
  </protocols>
</route-table>
</route-summary-information>

```

Description**<protocols-tlv>****Usage**

```

<isis-tlv>
  <protocols-tlv>
    <protocol>
      protocol
    </protocol>
  </protocols-tlv>
</isis-tlv>

```

Description**<protocols-tlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <protocols-tlv>
      <protocol>
        protocol
      </protocol>
    </protocols-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<protocols-tlv>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <protocols-tlv>
        <protocol>
          protocol
        </protocol>
      </protocols-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>

```

```
</isis-database-entry>
</isis-database>
```

Description

<protocols-tlv>

Usage

```
<isis-database-information>
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <protocols-tlv>
        <protocol>
          protocol
        </protocol>
      </protocols-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<provider-tunnel>

Usage

```
<instance>
  <provider-tunnel>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
  </provider-tunnel>
</instance>
```

Description

<provider-tunnel>

Usage

```
<l2vpn-connection-information>
  <instance>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</l2vpn-connection-information>
```

Description

<provider-tunnel>**Usage**

```

<vpls-connection-information>
  <instance>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</vpls-connection-information>

```

Description**<provider-tunnel>****Usage**

```

<vpls-statistics-information>
  <instance>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</vpls-statistics-information>

```

Description**<provider-tunnel>****Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description**<provider-tunnel>****Usage**

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <provider-tunnel>
        <provider-tunnel-id>

```

```
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<provider-tunnel>

Usage

```
<provider-tunnel>
  <provider-tunnel-id>
    provider-tunnel-id
  </provider-tunnel-id>
</provider-tunnel>
```

Description

<provider-tunnel>

Usage

```
<instance-entry>
  <provider-tunnel>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
  </provider-tunnel>
</instance-entry>
```

Description

<provider-tunnel>

Usage

```
<mvpn-instance>
  <instance-entry>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance-entry>
</mvpn-instance>
```

Description

<provider-tunnel>

Usage

```
<mvpn-instance-information>
  <mvpn-instance>
```

```
<instance-entry>
  <provider-tunnel>
    <provider-tunnel-id>
      provider-tunnel-id
    </provider-tunnel-id>
  </provider-tunnel>
</instance-entry>
</mvpn-instance>
</mvpn-instance-information>
```

Description

<provider-tunnel>

Usage

```
<mvpn-instance-information>
  <instance>
    <provider-tunnel>
      <provider-tunnel-id>
        provider-tunnel-id
      </provider-tunnel-id>
    </provider-tunnel>
  </instance>
</mvpn-instance-information>
```

Description

<proxy-upstream-interface>

Usage

```
<proxy-upstream-interface>
  <interface-name>
    interface-name
  </interface-name>
</proxy-upstream-interface>
```

Description

<proxy-upstream-interface>

Usage

```
<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>
    <proxy-upstream-interface>
      <interface-name>
        interface-name
      </interface-name>
    </proxy-upstream-interface>
  </multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>
```

Description

<proxy-upstream-interface>

Usage

```
<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>
    <proxy-upstream-interface>
      <interface-name>
        interface-name
      </interface-name>
    </proxy-upstream-interface>
  </multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>
```

Description

<reachability-tlv>

Usage

```
<isis-tlv>
  <reachability-tlv>
    <isis-topology-id>
      isis-topology-id
    </isis-topology-id>
    <address-prefix>
      address-prefix
    </address-prefix>
    <metric>
      metric
    </metric>
    <metric-flag>
      metric-flag
    </metric-flag>
    <reachability-delay>
      reachability-delay
    </reachability-delay>
    <reachability-expense>
      reachability-expense
    </reachability-expense>
    <reachability-error>
      reachability-error
    </reachability-error>
    <prefix-status>
      prefix-status
    </prefix-status>
    <address>
      address
    </address>
    <neighbor-prefix>
      neighbor-prefix
    </neighbor-prefix>
    <tlv-length>
      tlv-length
    </tlv-length>
    <isis-reachability-subtlv>....</isis-reachability-subtlv>
  </reachability-tlv>
```



```
</isis-tlv>
```

Description

<reachability-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <reachability-tlv>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <address-prefix>
        address-prefix
      </address-prefix>
      <metric>
        metric
      </metric>
      <metric-flag>
        metric-flag
      </metric-flag>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
      <prefix-status>
        prefix-status
      </prefix-status>
      <address>
        address
      </address>
      <neighbor-prefix>
        neighbor-prefix
      </neighbor-prefix>
      <tlv-length>
        tlv-length
      </tlv-length>
      <isis-reachability-subtlv>....</isis-reachability-subtlv>
    </reachability-tlv>
  </isis-tlv>
</isis-database-entry>
```

Description

<reachability-tlv>

Usage

```
<isis-database>
```

```
<isis-database-entry>
  <isis-tlv>
    <reachability-tlv>
      <isis-topology-id>
        isis-topology-id
      </isis-topology-id>
      <address-prefix>
        address-prefix
      </address-prefix>
      <metric>
        metric
      </metric>
      <metric-flag>
        metric-flag
      </metric-flag>
      <reachability-delay>
        reachability-delay
      </reachability-delay>
      <reachability-expense>
        reachability-expense
      </reachability-expense>
      <reachability-error>
        reachability-error
      </reachability-error>
      <prefix-status>
        prefix-status
      </prefix-status>
      <address>
        address
      </address>
      <neighbor-prefix>
        neighbor-prefix
      </neighbor-prefix>
      <tlv-length>
        tlv-length
      </tlv-length>
      <isis-reachability-subtlv>....</isis-reachability-subtlv>
    </reachability-tlv>
  </isis-tlv>
</isis-database-entry>
</isis-database>
```

Description

<reachability-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <reachability-tlv>
          <isis-topology-id>
            isis-topology-id
          </isis-topology-id>
```

```

<address-prefix>
  address-prefix
</address-prefix>
<metric>
  metric
</metric>
<metric-flag>
  metric-flag
</metric-flag>
<reachability-delay>
  reachability-delay
</reachability-delay>
<reachability-expense>
  reachability-expense
</reachability-expense>
<reachability-error>
  reachability-error
</reachability-error>
<prefix-status>
  prefix-status
</prefix-status>
<address>
  address
</address>
<neighbor-prefix>
  neighbor-prefix
</neighbor-prefix>
<tlv-length>
  tlv-length
</tlv-length>
<isis-reachability-subtlv>....</isis-reachability-subtlv>
</reachability-tlv>
</isis-tlv>
</isis-database-entry>
</isis-database>
</isis-database-information>

```

Description

<record-route>

Usage

```

<rsvp-session-data>
  <rsvp-session>
    <record-route>
      <address>
        address
      </address>
      <telink-id>
        telink-id
      </telink-id>
      <self>
        self
      </self>
    </incomplete>
  </rsvp-session>
</rsvp-session-data>

```

```
incomplete
</incomplete>
</record-route>
</rsvp-session>
</rsvp-session-data>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session-data>
<rsvp-session>
<detour>
  <record-route>
    <address>
      address
    </address>
    <telink-id>
      telink-id
    </telink-id>
    <self>
      self
    </self>
    <incomplete>
      incomplete
    </incomplete>
  </record-route>
</detour>
</rsvp-session>
</rsvp-session-data>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session-data>
<rsvp-session>
<detour-branch>
  <record-route>
    <address>
      address
    </address>
    <telink-id>
      telink-id
    </telink-id>
    <self>
      self
    </self>
    <incomplete>
      incomplete
    </incomplete>
```

```
</record-route>
</detour-branch>
</rsvp-session>
</rsvp-session-data>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session>
  <record-route>
    <address>
      address
    </address>
    <telink-id>
      telink-id
    </telink-id>
    <self>
      self
    </self>
    <incomplete>
      incomplete
    </incomplete>
  </record-route>
</rsvp-session>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session>
  <detour>
    <record-route>
      <address>
        address
      </address>
      <telink-id>
        telink-id
      </telink-id>
      <self>
        self
      </self>
      <incomplete>
        incomplete
      </incomplete>
    </record-route>
  </detour>
</rsvp-session>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session>
  <detour-branch>
    <record-route>
      <address>
        address
      </address>
      <telink-id>
        telink-id
      </telink-id>
      <self>
        self
      </self>
      <incomplete>
        incomplete
      </incomplete>
    </record-route>
  </detour-branch>
</rsvp-session>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<detour>
  <record-route>
    <address>
      address
    </address>
    <telink-id>
      telink-id
    </telink-id>
    <self>
      self
    </self>
    <incomplete>
      incomplete
    </incomplete>
  </record-route>
</detour>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<detour-branch>
```

```

<record-route>
  <address>
    address
  </address>
  <telink-id>
    telink-id
  </telink-id>
  <self>
    self
  </self>
  <incomplete>
    incomplete
  </incomplete>
</record-route>
</detour-branch>

```

Description Record Route Object (RRO)

<record-route>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <record-route>
        <address>
          address
        </address>
        <telink-id>
          telink-id
        </telink-id>
        <self>
          self
        </self>
        <incomplete>
          incomplete
        </incomplete>
      </record-route>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>

```

Description Record Route Object (RRO)

<record-route>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <record-route>
          <address>

```

```
        address
      </address>
    <telink-id>
      telink-id
    </telink-id>
    <self>
      self
    </self>
    <incomplete>
      incomplete
    </incomplete>
  </record-route>
</detour>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour-branch>
        <record-route>
          <address>
            address
          </address>
          <telink-id>
            telink-id
          </telink-id>
          <self>
            self
          </self>
          <incomplete>
            incomplete
          </incomplete>
        </record-route>
      </detour-branch>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Record Route Object (RRO)

<record-route>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
```



```

<record-route>
  <address>
    address
  </address>
  <telink-id>
    telink-id
  </telink-id>
  <self>
    self
  </self>
  <incomplete>
    incomplete
  </incomplete>
</record-route>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description Record Route Object (RRO)

<record-route>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <detour>
        <record-route>
          <address>
            address
          </address>
          <telink-id>
            telink-id
          </telink-id>
          <self>
            self
          </self>
          <incomplete>
            incomplete
          </incomplete>
        </record-route>
      </detour>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description Record Route Object (RRO)

<record-route>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>

```

```
<rsvp-session>
  <detour-branch>
    <record-route>
      <address>
        address
      </address>
      <telink-id>
        telink-id
      </telink-id>
      <self>
        self
      </self>
      <incomplete>
        incomplete
      </incomplete>
    </record-route>
  </detour-branch>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Record Route Object (RRO)

<redundant-sources>

Usage

```
<multicast-flow-maps-information>
  <multicast-flow-maps>
    <multicast-flow-map>
      <redundant-sources>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
      </redundant-sources>
    </multicast-flow-map>
  </multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Redundant source addresses

<reference-site>

Usage

```
<instance>
  <reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
  </reference-site>
</instance>
```

```

</vpls-id>
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</instance>

```

Description

<reference-site>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
    </reference-site>
  </vpls-protocol-state>
</instance>

```

```
<local-site-id>
  local-site-id
</local-site-id>
<vpls-id>
  vpls-id
</vpls-id>
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<reference-site>

Usage

```

<l2vpn-connection-information>
  <instance>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <label-block>....</label-block>
      <connection>....</connection>
      <mesh-group-connection>....</mesh-group-connection>
      <automatic-site-name>
        automatic-site-name
      </automatic-site-name>
      <automatic-site-id-status>
        automatic-site-id-status
      </automatic-site-id-status>
      <automatic-site-claim-id>
        automatic-site-claim-id
      </automatic-site-claim-id>
      <automatic-site-collisions>
        automatic-site-collisions
      </automatic-site-collisions>
      <automatic-site-timer-status>
        automatic-site-timer-status
      </automatic-site-timer-status>
      <automatic-site-timers>....</automatic-site-timers>
      <connections-summary>....</connections-summary>

```

```
</reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<reference-site>

Usage

```
<l2vpn-connection-information>
<instance>
<vpls-protocol-state>
<reference-site>
<vpls-signaling-protocol-identifier>
  vpls-signaling-protocol-identifier
</vpls-signaling-protocol-identifier>
<local-site-id>
  local-site-id
</local-site-id>
<vpls-id>
  vpls-id
</vpls-id>
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
```

```

        automatic-site-collisions
      </automatic-site-collisions>
      <automatic-site-timer-status>
        automatic-site-timer-status
      </automatic-site-timer-status>
      <automatic-site-timers>....</automatic-site-timers>
      <connections-summary>....</connections-summary>
    </reference-site>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<reference-site>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <label-block>....</label-block>
      <connection>....</connection>
      <mesh-group-connection>....</mesh-group-connection>
      <automatic-site-name>
        automatic-site-name
      </automatic-site-name>
    </reference-site>
  </instance>
</vpls-connection-information>

```

```
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>.....</automatic-site-timers>
<connections-summary>.....</connections-summary>
</reference-site>
</instance>
</vpls-connection-information>
```

Description

<reference-site>

Usage

```
<vpls-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <mesh-group-interfaces>.....</mesh-group-interfaces>
```



```

<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description

<reference-site>

Usage

```

<vpls-statistics-information>
<instance>
  <reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
  </reference-site>
</instance>
</vpls-statistics-information>

```

```
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</instance>
</vpls-statistics-information>
```

Description

<reference-site>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
```

```

</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-statistics-information>

```

Description

<reference-site>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

```

    vpls-id
  </vpls-id>
  <num-local-interfaces>
    num-local-interfaces
  </num-local-interfaces>
  <num-local-interfaces-up>
    num-local-interfaces-up
  </num-local-interfaces-up>
  <irb-present>
    irb-present
  </irb-present>
  <mesh-group-count>
    mesh-group-count
  </mesh-group-count>
  <mesh-group-up-count>
    mesh-group-up-count
  </mesh-group-up-count>
  <remote-site-id>
    remote-site-id
  </remote-site-id>
  <mesh-group-interfaces>....</mesh-group-interfaces>
  <interface>....</interface>
  <label-block>....</label-block>
  <connection>....</connection>
  <mesh-group-connection>....</mesh-group-connection>
  <automatic-site-name>
    automatic-site-name
  </automatic-site-name>
  <automatic-site-id-status>
    automatic-site-id-status
  </automatic-site-id-status>
  <automatic-site-claim-id>
    automatic-site-claim-id
  </automatic-site-claim-id>
  <automatic-site-collisions>
    automatic-site-collisions
  </automatic-site-collisions>
  <automatic-site-timer-status>
    automatic-site-timer-status
  </automatic-site-timer-status>
  <automatic-site-timers>....</automatic-site-timers>
  <connections-summary>....</connections-summary>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<reference-site>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>

```

```

<vpls-signaling-protocol-identifier>
  vpls-signaling-protocol-identifier
</vpls-signaling-protocol-identifier>
<local-site-id>
  local-site-id
</local-site-id>
<vpls-id>
  vpls-id
</vpls-id>
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description**<reference-site>****Usage**

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <label-block>....</label-block>
      <connection>....</connection>
      <mesh-group-connection>....</mesh-group-connection>
      <automatic-site-name>
        automatic-site-name
      </automatic-site-name>
      <automatic-site-id-status>
        automatic-site-id-status
      </automatic-site-id-status>
      <automatic-site-claim-id>
        automatic-site-claim-id
      </automatic-site-claim-id>
      <automatic-site-collisions>
        automatic-site-collisions
      </automatic-site-collisions>
      <automatic-site-timer-status>
        automatic-site-timer-status
      </automatic-site-timer-status>
```

```

    <automatic-site-timers>....</automatic-site-timers>
    <connections-summary>....</connections-summary>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<reference-site>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <local-site-id>
        local-site-id
      </local-site-id>
      <vpls-id>
        vpls-id
      </vpls-id>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <remote-site-id>
        remote-site-id
      </remote-site-id>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <label-block>....</label-block>
      <connection>....</connection>
      <mesh-group-connection>....</mesh-group-connection>
      <automatic-site-name>
        automatic-site-name
      </automatic-site-name>
      <automatic-site-id-status>
        automatic-site-id-status
      </automatic-site-id-status>
    
```

```
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<reference-site>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <local-site-id>
      local-site-id
    </local-site-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <remote-site-id>
      remote-site-id
    </remote-site-id>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <label-block>....</label-block>
```



```

<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<reference-site>

Usage

```

<mvpn-instance-information>
<instance>
<vpls-protocol-state>
<reference-site>
  <vpls-signaling-protocol-identifier>
    vpls-signaling-protocol-identifier
  </vpls-signaling-protocol-identifier>
  <local-site-id>
    local-site-id
  </local-site-id>
  <vpls-id>
    vpls-id
  </vpls-id>
  <num-local-interfaces>
    num-local-interfaces
  </num-local-interfaces>
  <num-local-interfaces-up>
    num-local-interfaces-up
  </num-local-interfaces-up>
  <irb-present>
    irb-present
  </irb-present>
  <mesh-group-count>
    mesh-group-count
  </mesh-group-count>
  <mesh-group-up-count>
    mesh-group-up-count

```

```
</mesh-group-up-count>
<remote-site-id>
  remote-site-id
</remote-site-id>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<label-block>....</label-block>
<connection>....</connection>
<mesh-group-connection>....</mesh-group-connection>
<automatic-site-name>
  automatic-site-name
</automatic-site-name>
<automatic-site-id-status>
  automatic-site-id-status
</automatic-site-id-status>
<automatic-site-claim-id>
  automatic-site-claim-id
</automatic-site-claim-id>
<automatic-site-collisions>
  automatic-site-collisions
</automatic-site-collisions>
<automatic-site-timer-status>
  automatic-site-timer-status
</automatic-site-timer-status>
<automatic-site-timers>....</automatic-site-timers>
<connections-summary>....</connections-summary>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<remote-interface>

Usage

```
<connection>
  <remote-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
  </remote-interface>
</connection>
```

Description

<remote-interface>**Usage**

```

<mesh-group-connection>
  <connection>
    <remote-interface>
      <interface-name>
        interface-name
      </interface-name>
      <interface-status>
        interface-status
      </interface-status>
      <interface-encapsulation>
        interface-encapsulation
      </interface-encapsulation>
    </remote-interface>
  </connection>
</mesh-group-connection>

```

Description**<remote-interface>****Usage**

```

<instance>
  <reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </reference-site>
</instance>

```

Description**<remote-interface>****Usage**

```

<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name

```

```
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
</remote-interface>
</connection>
</mesh-group-connection>
</reference-site>
</instance>
```

Description

<remote-interface>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
```

Description

<remote-interface>

Usage

```
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
```

```

        </interface-encapsulation>
      </remote-interface>
    </connection>
  </mesh-group-connection>
</ldp-vpls-reference-site>
</instance>

```

Description

<remote-interface>

Usage

```

<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>

```

Description

<remote-interface>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>

```

```
</vpls-protocol-state>
</instance>
```

Description

<remote-interface>

Usage

```
<instance>
<vpls-protocol-state>
<reference-site>
<mesh-group-connection>
<connection>
<remote-interface>
<interface-name>
  interface-name
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
</remote-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
```

Description

<remote-interface>

Usage

```
<l2vpn-connection-information>
<instance>
<reference-site>
<connection>
<remote-interface>
<interface-name>
  interface-name
</interface-name>
<interface-status>
  interface-status
</interface-status>
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
</remote-interface>
</connection>
</reference-site>
</instance>
```

```
</l2vpn-connection-information>
```

Description

<remote-interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</l2vpn-connection-information>
```

Description

<remote-interface>

Usage

```
<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description**<remote-interface>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</l2vpn-connection-information>
```

Description**<remote-interface>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</l2vpn-connection-information>
```


Description**<remote-interface>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
</l2vpn-connection-information>
```

Description**<remote-interface>****Usage**

```
<l2vpn-connection-information>
  <instance>
    <vppls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <remote-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
            </remote-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vppls-protocol-state>
  </instance>
```

```
</l2vpn-connection-information>
```

Description

<remote-interface>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description

<remote-interface>

Usage

```
<vpls-connection-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-connection-information>
```

Description

<remote-interface>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>

```

Description

<remote-interface>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-connection-information>

```

Description

<remote-interface>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description

<remote-interface>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
```

Description

<remote-interface>**Usage**

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <remote-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
            </remote-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description**<remote-interface>****Usage**

```

<vpls-statistics-information>
  <instance>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>
  </instance>
</vpls-statistics-information>

```

Description

<remote-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-statistics-information>
```

Description

<remote-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-statistics-information>
```

Description

<remote-interface>**Usage**

```

<vpls-statistics-information>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description**<remote-interface>****Usage**

```

<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description

<remote-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<remote-interface>

Usage

```
<vpls-statistics-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```


Description

<remote-interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<remote-interface>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<remote-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <remote-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-status>
          interface-status
        </interface-status>
        <interface-encapsulation>
          interface-encapsulation
        </interface-encapsulation>
      </remote-interface>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<remote-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<remote-interface>**Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description**<remote-interface>****Usage**

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<remote-interface>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <remote-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
            </remote-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description

<remote-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<remote-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <remote-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
            </remote-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<remote-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <ldp-vpls-reference-site>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </ldp-vpls-reference-site>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>

```

```
</vpls-dynamic-interface-repository-information>
```

Description

<remote-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description

<remote-interface>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
```

```

    </mesh-group-connection>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<remote-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<remote-interface>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

```
<interface-encapsulation>
  interface-encapsulation
</interface-encapsulation>
</remote-interface>
</connection>
</mesh-group-connection>
</reference-site>
</vppls-protocol-state>
</instance>
</vppls-ldp-dynamic-interface-repository-entity>
</vppls-dynamic-interface-repository-information>
```

Description

<remote-interface>

Usage

```
<l2circuit-connection-information>
<l2circuit-neighbor>
<connection>
  <remote-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
  </remote-interface>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description

<remote-interface>

Usage

```
<mvpn-instance-information>
<instance>
<reference-site>
<connection>
  <remote-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-status>
      interface-status
    </interface-status>
    <interface-encapsulation>
      interface-encapsulation
    </interface-encapsulation>
```



```

    </remote-interface>
  </connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description

<remote-interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</mvpn-instance-information>

```

Description

<remote-interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

```
</ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<remote-interface>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description

<remote-interface>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <remote-interface>
          <interface-name>
            interface-name
          </interface-name>
          <interface-status>
            interface-status
          </interface-status>
          <interface-encapsulation>
            interface-encapsulation
          </interface-encapsulation>
        </remote-interface>
      </connection>
    </mesh-group-connection>
```

```

    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description

<remote-interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <remote-interface>
            <interface-name>
              interface-name
            </interface-name>
            <interface-status>
              interface-status
            </interface-status>
            <interface-encapsulation>
              interface-encapsulation
            </interface-encapsulation>
          </remote-interface>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description

<remote-interface>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <remote-interface>
              <interface-name>
                interface-name
              </interface-name>
              <interface-status>
                interface-status
              </interface-status>
              <interface-encapsulation>
                interface-encapsulation
              </interface-encapsulation>
            </remote-interface>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

```
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<rendezvous-point>

Usage

```
<pim-rps-information>
<rp-family>
  <rendezvous-point>
    <rendezvous-point-address>
      rendezvous-point-address
    </rendezvous-point-address>
    <rp-flag-static>
      rp-flag-static
    </rp-flag-static>
    <rp-flag-autorp>
      rp-flag-autorp
    </rp-flag-autorp>
    <rp-flag-bootstrap>
      rp-flag-bootstrap
    </rp-flag-bootstrap>
    <rp-flag-embedded-rp>
      rp-flag-embedded-rp
    </rp-flag-embedded-rp>
    <rendezvous-point-from-address>
      rendezvous-point-from-address
    </rendezvous-point-from-address>
    <rendezvous-point-holdtime>
      rendezvous-point-holdtime
    </rendezvous-point-holdtime>
    <rendezvous-point-refcount>
      rendezvous-point-refcount
    </rendezvous-point-refcount>
    <rendezvous-point-time-active>
      rendezvous-point-time-active
    </rendezvous-point-time-active>
    <rendezvous-point-holdtime-remaining>
      rendezvous-point-holdtime-remaining
    </rendezvous-point-holdtime-remaining>
    <rp-interface-device-index>
      rp-interface-device-index
    </rp-interface-device-index>
    <rp-interface-device-subunit>
      rp-interface-device-subunit
    </rp-interface-device-subunit>
    <pim-interface-name>
      pim-interface-name
    </pim-interface-name>
    <rendezvous-point-timeout>
      rendezvous-point-timeout
```

```

    </rendezvous-point-timeout>
    <rendezvous-point-active-groups>
      rendezvous-point-active-groups
    </rendezvous-point-active-groups>
    <rendezvous-point-group-prefixes>....</rendezvous-point-group-prefixes>

<rendezvous-point-active-group-prefixes>....</rendezvous-point-active-group-prefixes>

    <rendezvous-point-register-state>....</rendezvous-point-register-state>

<rendezvous-point-anycast-pim-rpset>....</rendezvous-point-anycast-pim-rpset>
    <rendezvous-point-anycast-pim-local-address>
      rendezvous-point-anycast-pim-local-address
    </rendezvous-point-anycast-pim-local-address>

<rendezvous-point-anycast-register-state>....</rendezvous-point-anycast-register-state>

    </rendezvous-point>
  </rp-family>
</pim-rps-information>

```

Description

<rendezvous-point-active-group-prefix>

Usage

```

<pim-rps-information>
  <rp-family>
    <rendezvous-point>
      <rendezvous-point-active-group-prefixes>
        <rendezvous-point-active-group-prefix>
          <multicast-group-address>
            multicast-group-address
          </multicast-group-address>
        </rendezvous-point-active-group-prefix>
      </rendezvous-point-active-group-prefixes>
    </rendezvous-point>
  </rp-family>
</pim-rps-information>

```

Description

<rendezvous-point-active-group-prefixes>

Usage

```

<pim-rps-information>
  <rp-family>
    <rendezvous-point>
      <rendezvous-point-active-group-prefixes>

<rendezvous-point-active-group-prefix>....</rendezvous-point-active-group-prefix>
    <rendezvous-point-active-groups>
      rendezvous-point-active-groups
    </rendezvous-point-active-groups>

```

```
</rendezvous-point-active-group-prefixes>
</rendezvous-point>
</rp-family>
</pim-rps-information>
```

Description

<rendezvous-point-address-info>

Usage

```
<pim-rps-information>
<rendezvous-point-address-info>
  <pim-instance>
    pim-instance
  </pim-instance>
  <rendezvous-point-trees>....</rendezvous-point-trees>
  <rendezvous-point-address>
    rendezvous-point-address
  </rendezvous-point-address>
  <rendezvous-point-embedded-rp-address>
    rendezvous-point-embedded-rp-address
  </rendezvous-point-embedded-rp-address>
  <rendezvous-point-no-address>
    rendezvous-point-no-address
  </rendezvous-point-no-address>
</rendezvous-point-address-info>
</pim-rps-information>
```

Description

<rendezvous-point-addresses>

Usage

```
<pim-rps-information>
<rendezvous-point-address-info>
  <rendezvous-point-trees>
    <rendezvous-point-addresses>
      <rendezvous-point-address>
        rendezvous-point-address
      </rendezvous-point-address>
      <rendezvous-point-hash>
        rendezvous-point-hash
      </rendezvous-point-hash>
    </rendezvous-point-addresses>
  </rendezvous-point-trees>
</rendezvous-point-address-info>
</pim-rps-information>
```

Description

<rendezvous-point-anycast-pim-rpset>

Usage

```
<pim-rps-information>
```

```

<rp-family>
  <rendezvous-point>
    <rendezvous-point-anycast-pim-rpset>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
    </rendezvous-point-anycast-pim-rpset>
  </rendezvous-point>
</rp-family>
</pim-rps-information>

```

Description IPv4 address of one or more remote anycast RPs

<rendezvous-point-anycast-register-state>

Usage

```

<pim-rps-information>
  <rp-family>
    <rendezvous-point>
      <rendezvous-point-anycast-register-state>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
        <pim-anycast-register-state-origin>
          pim-anycast-register-state-origin
        </pim-anycast-register-state-origin>
      </rendezvous-point-anycast-register-state>
    </rendezvous-point>
  </rp-family>
</pim-rps-information>

```

Description Anycast register state

<rendezvous-point-group-prefixes>

Usage

```

<pim-rps-information>
  <rp-family>
    <rendezvous-point>
      <rendezvous-point-group-prefixes>
        <multicast-group-prefix>
          multicast-group-prefix
        </multicast-group-prefix>
        <rp-group-timeout>
          rp-group-timeout
        </rp-group-timeout>
        <rp-group-state>
          rp-group-state
        </rp-group-state>
      </rendezvous-point-group-prefixes>
    </rendezvous-point>
  </rp-family>
</pim-rps-information>

```

```
</rendezvous-point>
</rp-family>
</pim-rps-information>
```

Description

<rendezvous-point-register-state>

Usage

```
<pim-rps-information>
  <rp-family>
    <rendezvous-point>
      <rendezvous-point-register-state>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
        <first-hop-address>
          first-hop-address
        </first-hop-address>
        <rendezvous-point-address>
          rendezvous-point-address
        </rendezvous-point-address>
        <pim-register-state>
          pim-register-state
        </pim-register-state>
        <pim-register-timeout>
          pim-register-timeout
        </pim-register-timeout>
      </rendezvous-point-register-state>
    </rendezvous-point>
  </rp-family>
</pim-rps-information>
```

Description

<rendezvous-point-trees>

Usage

```
<pim-rps-information>
  <rendezvous-point-address-info>
    <rendezvous-point-trees>
      <multicast-group-prefix>
        multicast-group-prefix
      </multicast-group-prefix>
      <rendezvous-point-addresses>.....</rendezvous-point-addresses>
    </rendezvous-point-trees>
  </rendezvous-point-address-info>
</pim-rps-information>
```

Description

<reserved-bandwidth>**Usage**

```

<rsvp-telink>
  <reserved-bandwidth>
    <bandwidth-priority>
      bandwidth-priority
    </bandwidth-priority>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
  </reserved-bandwidth>
</rsvp-telink>

```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>**Usage**

```

<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <reserved-bandwidth>
        <bandwidth-priority>
          bandwidth-priority
        </bandwidth-priority>
        <total-reserved-bandwidth>
          total-reserved-bandwidth
        </total-reserved-bandwidth>
      </reserved-bandwidth>
    </rsvp-telink>
  </rsvp-session>
</rsvp-session-data>

```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>**Usage**

```

<rsvp-session>
  <rsvp-telink>
    <reserved-bandwidth>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
    </reserved-bandwidth>
  </rsvp-telink>
</rsvp-session>

```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <reserved-bandwidth>
          <bandwidth-priority>
            bandwidth-priority
          </bandwidth-priority>
          <total-reserved-bandwidth>
            total-reserved-bandwidth
          </total-reserved-bandwidth>
        </reserved-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</rsvp-session-information>
```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>

Usage

```
<rsvp-interface>
  <rsvp-telink>
    <reserved-bandwidth>
      <bandwidth-priority>
        bandwidth-priority
      </bandwidth-priority>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
    </reserved-bandwidth>
  </rsvp-telink>
</rsvp-interface>
```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>

Usage

```
<rsvp-interface-information>
  <rsvp-interface>
    <rsvp-telink>
      <reserved-bandwidth>
        <bandwidth-priority>
          bandwidth-priority
        </bandwidth-priority>
      </reserved-bandwidth>
    </rsvp-telink>
  </rsvp-interface>
</rsvp-interface-information>
```

```

    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
  </reserved-bandwidth>
</rsvp-telink>
</rsvp-interface>
</rsvp-interface-information>

```

Description Bandwidth reserved at different priority levels

<reserved-bandwidth>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <reserved-bandwidth>
          <bandwidth-priority>
            bandwidth-priority
          </bandwidth-priority>
          <total-reserved-bandwidth>
            total-reserved-bandwidth
          </total-reserved-bandwidth>
        </reserved-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description Bandwidth reserved at different priority levels

<reserved-ct-bandwidth>

Usage

```

<rsvp-telink>
  <reserved-ct-bandwidth>
    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
      ct-bw1
    </ct-bw1>
    <ct-bw2>
      ct-bw2
    </ct-bw2>
    <ct-bw3>
      ct-bw3
    </ct-bw3>
    <ct-bw4>

```

```
        ct-bw4
      </ct-bw4>
      <ct-bw5>
        ct-bw5
      </ct-bw5>
      <ct-bw6>
        ct-bw6
      </ct-bw6>
      <ct-bw7>
        ct-bw7
      </ct-bw7>
    </reserved-ct-bandwidth>
  </rsvp-telink>
```

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <reserved-ct-bandwidth>
        <ct-class>
          ct-class
        </ct-class>
        <ct-bw0>
          ct-bw0
        </ct-bw0>
        <ct-bw1>
          ct-bw1
        </ct-bw1>
        <ct-bw2>
          ct-bw2
        </ct-bw2>
        <ct-bw3>
          ct-bw3
        </ct-bw3>
        <ct-bw4>
          ct-bw4
        </ct-bw4>
        <ct-bw5>
          ct-bw5
        </ct-bw5>
        <ct-bw6>
          ct-bw6
        </ct-bw6>
        <ct-bw7>
          ct-bw7
        </ct-bw7>
      </reserved-ct-bandwidth>
    </rsvp-telink>
  </rsvp-session>
```

</rsvp-session-data>

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<rsvp-session>
<rsvp-telink>
  <reserved-ct-bandwidth>
    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
      ct-bw1
    </ct-bw1>
    <ct-bw2>
      ct-bw2
    </ct-bw2>
    <ct-bw3>
      ct-bw3
    </ct-bw3>
    <ct-bw4>
      ct-bw4
    </ct-bw4>
    <ct-bw5>
      ct-bw5
    </ct-bw5>
    <ct-bw6>
      ct-bw6
    </ct-bw6>
    <ct-bw7>
      ct-bw7
    </ct-bw7>
  </reserved-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
```

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<rsvp-session-information>
<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <reserved-ct-bandwidth>
        <ct-class>
          ct-class
```

```
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
</reserved-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>
```

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<rsvp-interface>
<rsvp-telink>
  <reserved-ct-bandwidth>
    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
      ct-bw1
    </ct-bw1>
    <ct-bw2>
      ct-bw2
    </ct-bw2>
    <ct-bw3>
      ct-bw3
    </ct-bw3>
```

```
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
</reserved-ct-bandwidth>
</rsvp-telink>
</rsvp-interface>
```

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<rsvp-interface-information>
<rsvp-interface>
  <rsvp-telink>
    <reserved-ct-bandwidth>
      <ct-class>
        ct-class
      </ct-class>
      <ct-bw0>
        ct-bw0
      </ct-bw0>
      <ct-bw1>
        ct-bw1
      </ct-bw1>
      <ct-bw2>
        ct-bw2
      </ct-bw2>
      <ct-bw3>
        ct-bw3
      </ct-bw3>
      <ct-bw4>
        ct-bw4
      </ct-bw4>
      <ct-bw5>
        ct-bw5
      </ct-bw5>
      <ct-bw6>
        ct-bw6
      </ct-bw6>
      <ct-bw7>
        ct-bw7
      </ct-bw7>
    </reserved-ct-bandwidth>
  </rsvp-telink>
```

```
</rsvp-interface>
</rsvp-interface-information>
```

Description Bandwidth reserved at different class and priority levels

<reserved-ct-bandwidth>

Usage

```
<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <reserved-ct-bandwidth>
          <ct-class>
            ct-class
          </ct-class>
          <ct-bw0>
            ct-bw0
          </ct-bw0>
          <ct-bw1>
            ct-bw1
          </ct-bw1>
          <ct-bw2>
            ct-bw2
          </ct-bw2>
          <ct-bw3>
            ct-bw3
          </ct-bw3>
          <ct-bw4>
            ct-bw4
          </ct-bw4>
          <ct-bw5>
            ct-bw5
          </ct-bw5>
          <ct-bw6>
            ct-bw6
          </ct-bw6>
          <ct-bw7>
            ct-bw7
          </ct-bw7>
        </reserved-ct-bandwidth>
      </rsvp-telink>
    </rsvp-session>
  </rsvp-session-data>
</mpls-lsp-information>
```

Description Bandwidth reserved at different class and priority levels

<reverse-oif>

Usage

```
<mgm-interface-groups>
  <mgm-group>
```



```

<reverse-oif>
  <oif-name>
    oif-name
  </oif-name>
  <host-count>
    host-count
  </host-count>
</reverse-oif>
</mgm-group>
</mgm-interface-groups>

```

Description

<reverse-oif>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <reverse-oif>
        <oif-name>
          oif-name
        </oif-name>
        <host-count>
          host-count
        </host-count>
      </reverse-oif>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

Description

<reverse-oif>

Usage

```

<mld-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <reverse-oif>
        <oif-name>
          oif-name
        </oif-name>
        <host-count>
          host-count
        </host-count>
      </reverse-oif>
    </mgm-group>
  </mgm-interface-groups>
</mld-group-information>

```

Description

<reverse-oif>**Usage**

```
<amt-tunnel>
  <mgm-group>
    <reverse-oif>
      <oif-name>
        oif-name
      </oif-name>
      <host-count>
        host-count
      </host-count>
    </reverse-oif>
  </mgm-group>
</amt-tunnel>
```

Description**<reverse-oif>****Usage**

```
<amt-tunnel-information>
  <amt-tunnel>
    <mgm-group>
      <reverse-oif>
        <oif-name>
          oif-name
        </oif-name>
        <host-count>
          host-count
        </host-count>
      </reverse-oif>
    </mgm-group>
  </amt-tunnel>
</amt-tunnel-information>
```

Description**<rip-error>****Usage**

```
<rip-error>
  <rip-error-message>
    rip-error-message
  </rip-error-message>
</rip-error>
```

Description**<rip-general-statistics>****Usage**

```
<rip-general-statistics>
```

```

<rip-protocol-name>
  rip-protocol-name
</rip-protocol-name>
<rip-bad-messages>
  rip-bad-messages
</rip-bad-messages>
<rip-interface-count>
  rip-interface-count
</rip-interface-count>
<rip-current-memory>
  rip-current-memory
</rip-current-memory>
<rip-maximum-memory>
  rip-maximum-memory
</rip-maximum-memory>
</rip-general-statistics>

```

Description

<rip-general-statistics>

Usage

```

<rip-general-statistics-information>
  <rip-general-statistics>
    <rip-protocol-name>
      rip-protocol-name
    </rip-protocol-name>
    <rip-bad-messages>
      rip-bad-messages
    </rip-bad-messages>
    <rip-interface-count>
      rip-interface-count
    </rip-interface-count>
    <rip-current-memory>
      rip-current-memory
    </rip-current-memory>
    <rip-maximum-memory>
      rip-maximum-memory
    </rip-maximum-memory>
  </rip-general-statistics>
</rip-general-statistics-information>

```

Description

<rip-general-statistics-information>

Usage

```

<rip-general-statistics-information>
  <rip-general-statistics>....</rip-general-statistics>
</rip-general-statistics-information>

```

Description

<rip-global-statistics>

Usage

```
<rip-global-statistics>
  <rip-routes-learned>
    rip-routes-learned
  </rip-routes-learned>
  <rip-routes-holddown>
    rip-routes-holddown
  </rip-routes-holddown>
  <rip-requests-dropped>
    rip-requests-dropped
  </rip-requests-dropped>
  <rip-responses-dropped>
    rip-responses-dropped
  </rip-responses-dropped>
</rip-global-statistics>
```

Description RIP global statistics

<rip-global-statistics>

Usage

```
<rip-statistics-information>
  <rip-global-statistics>
    <rip-routes-learned>
      rip-routes-learned
    </rip-routes-learned>
    <rip-routes-holddown>
      rip-routes-holddown
    </rip-routes-holddown>
    <rip-requests-dropped>
      rip-requests-dropped
    </rip-requests-dropped>
    <rip-responses-dropped>
      rip-responses-dropped
    </rip-responses-dropped>
  </rip-global-statistics>
</rip-statistics-information>
```

Description RIP global statistics

<rip-global-statistics>

Usage

```
<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-global-statistics>
      <rip-routes-learned>
        rip-routes-learned
      </rip-routes-learned>
      <rip-routes-holddown>
```

```

        rip-routes-holddown
      </rip-routes-holddown>
    <rip-requests-dropped>
      rip-requests-dropped
    </rip-requests-dropped>
    <rip-responses-dropped>
      rip-responses-dropped
    </rip-responses-dropped>
  </rip-global-statistics>
</rip-instance-statistics>
</rip-statistics-information-all>

```

Description RIP global statistics

<rip-instance-neighbor>

Usage

```

<rip-neighbor-information-all>
  <rip-instance-neighbor>
    <rip-instance-name>
      rip-instance-name
    </rip-instance-name>
    <rip-neighbor>....</rip-neighbor>
  </rip-instance-neighbor>
</rip-neighbor-information-all>

```

Description Information about RIP neighbors within this routing instance

<rip-instance-statistics>

Usage

```

<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-instance-name>
      rip-instance-name
    </rip-instance-name>
    <rip-timer-values>....</rip-timer-values>
    <rip-restart-values>....</rip-restart-values>
    <rip-global-statistics>....</rip-global-statistics>
    <rip-neighbor-statistics>....</rip-neighbor-statistics>
  </rip-instance-statistics>
</rip-statistics-information-all>

```

Description Information about statistics for this routing instance

<rip-message-statistics>

Usage

```

<rip-message-statistics>
  <rip-message>
    rip-message

```

```
</rip-message>
<rip-message-total>
  rip-message-total
</rip-message-total>
<rip-message-last-5minutes>
  rip-message-last-5minutes
</rip-message-last-5minutes>
<rip-message-last-minute>
  rip-message-last-minute
</rip-message-last-minute>
</rip-message-statistics>
```

Description

<rip-message-statistics>

Usage

```
<rip-neighbor-statistics>
  <rip-message-statistics>
    <rip-message>
      rip-message
    </rip-message>
    <rip-message-total>
      rip-message-total
    </rip-message-total>
    <rip-message-last-5minutes>
      rip-message-last-5minutes
    </rip-message-last-5minutes>
    <rip-message-last-minute>
      rip-message-last-minute
    </rip-message-last-minute>
  </rip-message-statistics>
</rip-neighbor-statistics>
```

Description

<rip-message-statistics>

Usage

```
<rip-statistics-information>
  <rip-neighbor-statistics>
    <rip-message-statistics>
      <rip-message>
        rip-message
      </rip-message>
      <rip-message-total>
        rip-message-total
      </rip-message-total>
      <rip-message-last-5minutes>
        rip-message-last-5minutes
      </rip-message-last-5minutes>
      <rip-message-last-minute>
        rip-message-last-minute
      </rip-message-last-minute>
```

```

    </rip-message-statistics>
  </rip-neighbor-statistics>
</rip-statistics-information>

```

Description

<rip-message-statistics>

Usage

```

<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-neighbor-statistics>
      <rip-message-statistics>
        <rip-message>
          rip-message
        </rip-message>
        <rip-message-total>
          rip-message-total
        </rip-message-total>
        <rip-message-last-5minutes>
          rip-message-last-5minutes
        </rip-message-last-5minutes>
        <rip-message-last-minute>
          rip-message-last-minute
        </rip-message-last-minute>
      </rip-message-statistics>
    </rip-neighbor-statistics>
  </rip-instance-statistics>
</rip-statistics-information-all>

```

Description

<rip-neighbor>

Usage

```

<rip-neighbor>
  <rip-neighbor-name>
    rip-neighbor-name
  </rip-neighbor-name>
  <rip-neighbor-state>
    rip-neighbor-state
  </rip-neighbor-state>
  <rip-neighbor-metric-in>
    rip-neighbor-metric-in
  </rip-neighbor-metric-in>
  <rip-local-address-ipv4>
    rip-local-address-ipv4
  </rip-local-address-ipv4>
  <rip-remote-address-ipv4>
    rip-remote-address-ipv4
  </rip-remote-address-ipv4>
  <send-mode-ripv2>
    send-mode-ripv2
  </send-mode-ripv2>

```

```
<receive-mode-ripv2>
  receive-mode-ripv2
</receive-mode-ripv2>
<rip-local-address-ipv6>
  rip-local-address-ipv6
</rip-local-address-ipv6>
<rip-remote-address-ipv6>
  rip-remote-address-ipv6
</rip-remote-address-ipv6>
<send-mode-ripng>
  send-mode-ripng
</send-mode-ripng>
<receive-mode-ripng>
  receive-mode-ripng
</receive-mode-ripng>
</rip-neighbor>
```

Description

<rip-neighbor>

Usage

```
<rip-neighbor-information>
<rip-neighbor>
  <rip-neighbor-name>
    rip-neighbor-name
  </rip-neighbor-name>
  <rip-neighbor-state>
    rip-neighbor-state
  </rip-neighbor-state>
  <rip-neighbor-metric-in>
    rip-neighbor-metric-in
  </rip-neighbor-metric-in>
  <rip-local-address-ipv4>
    rip-local-address-ipv4
  </rip-local-address-ipv4>
  <rip-remote-address-ipv4>
    rip-remote-address-ipv4
  </rip-remote-address-ipv4>
  <send-mode-ripv2>
    send-mode-ripv2
  </send-mode-ripv2>
  <receive-mode-ripv2>
    receive-mode-ripv2
  </receive-mode-ripv2>
  <rip-local-address-ipv6>
    rip-local-address-ipv6
  </rip-local-address-ipv6>
  <rip-remote-address-ipv6>
    rip-remote-address-ipv6
  </rip-remote-address-ipv6>
  <send-mode-ripng>
    send-mode-ripng
  </send-mode-ripng>
  <receive-mode-ripng>
```



```

        receive-mode-ripng
      </receive-mode-ripng>
    </rip-neighbor>
  </rip-neighbor-information>

```

Description

<rip-neighbor>

Usage

```

<rip-neighbor-information-all>
  <rip-instance-neighbor>
    <rip-neighbor>
      <rip-neighbor-name>
        rip-neighbor-name
      </rip-neighbor-name>
      <rip-neighbor-state>
        rip-neighbor-state
      </rip-neighbor-state>
      <rip-neighbor-metric-in>
        rip-neighbor-metric-in
      </rip-neighbor-metric-in>
      <rip-local-address-ipv4>
        rip-local-address-ipv4
      </rip-local-address-ipv4>
      <rip-remote-address-ipv4>
        rip-remote-address-ipv4
      </rip-remote-address-ipv4>
      <send-mode-ripv2>
        send-mode-ripv2
      </send-mode-ripv2>
      <receive-mode-ripv2>
        receive-mode-ripv2
      </receive-mode-ripv2>
      <rip-local-address-ipv6>
        rip-local-address-ipv6
      </rip-local-address-ipv6>
      <rip-remote-address-ipv6>
        rip-remote-address-ipv6
      </rip-remote-address-ipv6>
      <send-mode-ripng>
        send-mode-ripng
      </send-mode-ripng>
      <receive-mode-ripng>
        receive-mode-ripng
      </receive-mode-ripng>
    </rip-neighbor>
  </rip-instance-neighbor>
</rip-neighbor-information-all>

```

Description

<rip-neighbor-information>

Usage

```
<rip-neighbor-information>
  <rip-neighbor>....</rip-neighbor>
</rip-neighbor-information>
```

Description Information about RIP neighbors in a routing instance

<rip-neighbor-information-all>

Usage

```
<rip-neighbor-information-all>
  <rip-instance-neighbor>....</rip-instance-neighbor>
</rip-neighbor-information-all>
```

Description Information about RIP neighbors in all routing instances

<rip-neighbor-statistics>

Usage

```
<rip-neighbor-statistics>
  <rip-neighbor-name>
    rip-neighbor-name
  </rip-neighbor-name>
  <rip-neighbor-learnt-routes>
    rip-neighbor-learnt-routes
  </rip-neighbor-learnt-routes>
  <rip-neighbor-advertised-routes>
    rip-neighbor-advertised-routes
  </rip-neighbor-advertised-routes>
  <rip-neighbor-route-timeout>
    rip-neighbor-route-timeout
  </rip-neighbor-route-timeout>
  <rip-neighbor-update-interval>
    rip-neighbor-update-interval
  </rip-neighbor-update-interval>
  <rip-message-statistics>....</rip-message-statistics>
</rip-neighbor-statistics>
```

Description RIP neighbor statistics

<rip-neighbor-statistics>

Usage

```
<rip-statistics-information>
  <rip-neighbor-statistics>
    <rip-neighbor-name>
      rip-neighbor-name
    </rip-neighbor-name>
    <rip-neighbor-learnt-routes>
```

```

        rip-neighbor-learnt-routes
    </rip-neighbor-learnt-routes>
    <rip-neighbor-advertised-routes>
        rip-neighbor-advertised-routes
    </rip-neighbor-advertised-routes>
    <rip-neighbor-route-timeout>
        rip-neighbor-route-timeout
    </rip-neighbor-route-timeout>
    <rip-neighbor-update-interval>
        rip-neighbor-update-interval
    </rip-neighbor-update-interval>
    <rip-message-statistics>....</rip-message-statistics>
</rip-neighbor-statistics>
</rip-statistics-information>

```

Description RIP neighbor statistics

<rip-neighbor-statistics>

Usage

```

<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-neighbor-statistics>
      <rip-neighbor-name>
        rip-neighbor-name
      </rip-neighbor-name>
      <rip-neighbor-learnt-routes>
        rip-neighbor-learnt-routes
      </rip-neighbor-learnt-routes>
      <rip-neighbor-advertised-routes>
        rip-neighbor-advertised-routes
      </rip-neighbor-advertised-routes>
      <rip-neighbor-route-timeout>
        rip-neighbor-route-timeout
      </rip-neighbor-route-timeout>
      <rip-neighbor-update-interval>
        rip-neighbor-update-interval
      </rip-neighbor-update-interval>
      <rip-message-statistics>....</rip-message-statistics>
    </rip-neighbor-statistics>
  </rip-instance-statistics>
</rip-statistics-information-all>

```

Description RIP neighbor statistics

<rip-restart-values>

Usage

```

<rip-restart-values>
  <rip-restart-state>
    rip-restart-state
  </rip-restart-state>
  <rip-restart-time>

```

```
    rip-restart-time
  </rip-restart-time>
  <rip-restart-timeout>
    rip-restart-timeout
  </rip-restart-timeout>
</rip-restart-values>
```

Description Information about RIP restart values

<rip-restart-values>

Usage

```
<rip-statistics-information>
  <rip-restart-values>
    <rip-restart-state>
      rip-restart-state
    </rip-restart-state>
    <rip-restart-time>
      rip-restart-time
    </rip-restart-time>
    <rip-restart-timeout>
      rip-restart-timeout
    </rip-restart-timeout>
  </rip-restart-values>
</rip-statistics-information>
```

Description Information about RIP restart values

<rip-restart-values>

Usage

```
<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-restart-values>
      <rip-restart-state>
        rip-restart-state
      </rip-restart-state>
      <rip-restart-time>
        rip-restart-time
      </rip-restart-time>
      <rip-restart-timeout>
        rip-restart-timeout
      </rip-restart-timeout>
    </rip-restart-values>
  </rip-instance-statistics>
</rip-statistics-information-all>
```

Description Information about RIP restart values

<rip-statistics-information>

Usage

```
<rip-statistics-information>
  <rip-timer-values>....</rip-timer-values>
  <rip-restart-values>....</rip-restart-values>
  <rip-global-statistics>....</rip-global-statistics>
  <rip-neighbor-statistics>....</rip-neighbor-statistics>
</rip-statistics-information>
```

Description Information about RIP statistics for a routing instance

<rip-statistics-information-all>

Usage

```
<rip-statistics-information-all>
  <rip-instance-statistics>....</rip-instance-statistics>
</rip-statistics-information-all>
```

Description Information about RIP statistics for all routing instances

<rip-timer-values>

Usage

```
<rip-timer-values>
  <rip-protocol-name>
    rip-protocol-name
  </rip-protocol-name>
  <rip-port>
    rip-port
  </rip-port>
  <rip-holddown>
    rip-holddown
  </rip-holddown>
</rip-timer-values>
```

Description Information about RIP timer values

<rip-timer-values>

Usage

```
<rip-statistics-information>
  <rip-timer-values>
    <rip-protocol-name>
      rip-protocol-name
    </rip-protocol-name>
    <rip-port>
      rip-port
    </rip-port>
    <rip-holddown>
      rip-holddown
  </rip-timer-values>
```

```
</rip-holddown>
</rip-timer-values>
</rip-statistics-information>
```

Description Information about RIP timer values

<rip-timer-values>

Usage

```
<rip-statistics-information-all>
  <rip-instance-statistics>
    <rip-timer-values>
      <rip-protocol-name>
        rip-protocol-name
      </rip-protocol-name>
      <rip-port>
        rip-port
      </rip-port>
      <rip-holddown>
        rip-holddown
      </rip-holddown>
    </rip-timer-values>
  </rip-instance-statistics>
</rip-statistics-information-all>
```

Description Information about RIP timer values

<route-family>

Usage

```
<multicast-route-information>
  <route-family>
    <bulking-indicator>
      bulking-indicator
    </bulking-indicator>
    <address-family>
      address-family
    </address-family>
    <multicast-route>....</multicast-route>
  </route-family>
</multicast-route-information>
```

Description

<route-filter>

Usage

```
<route-filter>
  <address>
    address
  </address>
  <flags>
```

```

    flags
  </flags>
  <extended-information>
    extended-information
  </extended-information>
</route-filter>

```

Description Entries in martian table

<route-filter>

Usage

```

<route-information>
  <rt-martians>
    <route-filter>
      <address>
        address
      </address>
      <flags>
        flags
      </flags>
      <extended-information>
        extended-information
      </extended-information>
    </route-filter>
  </rt-martians>
</route-information>

```

Description Entries in martian table

<route-filter>

Usage

```

<bgp-group>
  <unconfigured-peers>
    <route-filter>
      <address>
        address
      </address>
      <flags>
        flags
      </flags>
      <extended-information>
        extended-information
      </extended-information>
    </route-filter>
  </unconfigured-peers>
</bgp-group>

```

Description Entries in martian table

<route-filter>

Usage

```
<bgp-group-information>
  <bgp-group>
    <unconfigured-peers>
      <route-filter>
        <address>
          address
        </address>
        <flags>
          flags
        </flags>
        <extended-information>
          extended-information
        </extended-information>
      </route-filter>
    </unconfigured-peers>
  </bgp-group>
</bgp-group-information>
```

Description Entries in martian table

<route-flap-damping>

Usage

```
<route-flap-damping>
  <merit>
    merit
  </merit>
  <last-merit>
    last-merit
  </last-merit>
  <damping-parameters>
    damping-parameters
  </damping-parameters>
  <default-damping-parameters>
    default-damping-parameters
  </default-damping-parameters>
  <last-update>
    last-update
  </last-update>
  <first-update>
    first-update
  </first-update>
  <route-flap-count>
    route-flap-count
  </route-flap-count>
  <suppressed>
    suppressed
  </suppressed>
  <reuse-time>
    reuse-time
  </reuse-time>
```



```

<reuse-preference>
  reuse-preference
</reuse-preference>
<expire-time>
  expire-time
</expire-time>
</route-flap-damping>

```

Description

<route-flap-damping>

Usage

```

<route-information>
  <route-table>
    <rt>
      <rt-entry>
        <route-flap-damping>
          <merit>
            merit
          </merit>
          <last-merit>
            last-merit
          </last-merit>
          <damping-parameters>
            damping-parameters
          </damping-parameters>
          <default-damping-parameters>
            default-damping-parameters
          </default-damping-parameters>
          <last-update>
            last-update
          </last-update>
          <first-update>
            first-update
          </first-update>
          <route-flap-count>
            route-flap-count
          </route-flap-count>
          <suppressed>
            suppressed
          </suppressed>
          <reuse-time>
            reuse-time
          </reuse-time>
          <reuse-preference>
            reuse-preference
          </reuse-preference>
          <expire-time>
            expire-time
          </expire-time>
        </route-flap-damping>
      </rt-entry>
    </rt>
  </route-table>

```

</route-information>

Description

<route-flap-damping>

Usage

```
<route-summary-information>
<route-table>
  <rt>
    <rt-entry>
      <route-flap-damping>
        <merit>
          merit
        </merit>
        <last-merit>
          last-merit
        </last-merit>
        <damping-parameters>
          damping-parameters
        </damping-parameters>
        <default-damping-parameters>
          default-damping-parameters
        </default-damping-parameters>
        <last-update>
          last-update
        </last-update>
        <first-update>
          first-update
        </first-update>
        <route-flap-count>
          route-flap-count
        </route-flap-count>
        <suppressed>
          suppressed
        </suppressed>
        <reuse-time>
          reuse-time
        </reuse-time>
        <reuse-preference>
          reuse-preference
        </reuse-preference>
        <expire-time>
          expire-time
        </expire-time>
      </route-flap-damping>
    </rt-entry>
  </rt>
</route-table>
</route-summary-information>
```

Description

<route-information>**Usage**

```

<route-information>
  <as-number>
    as-number
  </as-number>
  <router-id>
    router-id
  </router-id>
  <maximum-ecmp>
    maximum-ecmp
  </maximum-ecmp>
  <note-network-services-mode>
    note-network-services-mode
  </note-network-services-mode>
  <route-table>....</route-table>
  <rt-martians>....</rt-martians>
  <rt-ribgroup>....</rt-ribgroup>
  <rt-test-policy-prefix>....</rt-test-policy-prefix>
  <rt-test-policy>....</rt-test-policy>
</route-information>

```

Description**<route-queue>****Usage**

```

<bgp-peer>
  <route-queue>
    <timer>
      timer
    </timer>
    <state>
      state
    </state>
    <element>
      element
    </element>
  </route-queue>
</bgp-peer>

```

Description**<route-queue>****Usage**

```

<bgp-group>
  <route-queue>
    <timer>
      timer
    </timer>
    <state>
      state

```

```
</state>
<element>
  element
</element>
</route-queue>
</bgp-group>
```

Description

<route-queue>

Usage

```
<bgp-group>
<bgp-peer>
  <route-queue>
    <timer>
      timer
    </timer>
    <state>
      state
    </state>
    <element>
      element
    </element>
  </route-queue>
</bgp-peer>
</bgp-group>
```

Description

<route-queue>

Usage

```
<bgp-information>
<bgp-peer>
  <route-queue>
    <timer>
      timer
    </timer>
    <state>
      state
    </state>
    <element>
      element
    </element>
  </route-queue>
</bgp-peer>
</bgp-information>
```

Description

<route-queue>**Usage**

```

<bgp-group-information>
  <bgp-group>
    <route-queue>
      <timer>
        timer
      </timer>
      <state>
        state
      </state>
    <element>
      element
    </element>
  </route-queue>
</bgp-group>
</bgp-group-information>

```

Description**<route-queue>****Usage**

```

<bgp-group-information>
  <bgp-group>
    <bgp-peer>
      <route-queue>
        <timer>
          timer
        </timer>
        <state>
          state
        </state>
      <element>
        element
      </element>
    </route-queue>
  </bgp-peer>
</bgp-group>
</bgp-group-information>

```

Description**<route-queue>****Usage**

```

<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <route-queue>
        <timer>
          timer
        </timer>

```

```
<state>
  state
</state>
<element>
  element
</element>
</route-queue>
</bgp-peer>
</bgp-information>
</bgp-group-information>
```

Description

<route-resolution-information>

Usage

```
<route-resolution-information>
  <route-resolution-tree>....</route-resolution-tree>
</route-resolution-information>
```

Description

<route-resolution-tree>

Usage

```
<route-resolution-information>
  <route-resolution-tree>
    <tree-index>
      tree-index
    </tree-index>
    <nodes>
      nodes
    </nodes>
    <tree-reference-count>
      tree-reference-count
    </tree-reference-count>
    <tree-contributing-ribs>
      tree-contributing-ribs
    </tree-contributing-ribs>
    <tree-policy>
      tree-policy
    </tree-policy>
    <node>....</node>
  </route-resolution-tree>
</route-resolution-information>
```

Description

<route-summary-information>

Usage

```
<route-summary-information>
  <as-number>
    as-number
```

```

</as-number>
<router-id>
  router-id
</router-id>
<maximum-ecmp>
  maximum-ecmp
</maximum-ecmp>
<note-network-services-mode>
  note-network-services-mode
</note-network-services-mode>
<route-table>....</route-table>
</route-summary-information>

```

Description

<route-table>

Usage

```

<route-information>
  <route-table>
    <protocols>....</protocols>
    <table-name>
      table-name
    </table-name>
    <destination-count>
      destination-count
    </destination-count>
    <total-route-count>
      total-route-count
    </total-route-count>
    <active-route-count>
      active-route-count
    </active-route-count>
    <holddown-route-count>
      holddown-route-count
    </holddown-route-count>
    <hidden-route-count>
      hidden-route-count
    </hidden-route-count>
    <restart-state>
      restart-state
    </restart-state>
    <rt>....</rt>
  </route-table>
</route-information>

```

Description

<route-table>

Usage

```

<route-summary-information>
  <route-table>
    <protocols>....</protocols>

```

```
<table-name>
  table-name
</table-name>
<destination-count>
  destination-count
</destination-count>
<total-route-count>
  total-route-count
</total-route-count>
<active-route-count>
  active-route-count
</active-route-count>
<holddown-route-count>
  holddown-route-count
</holddown-route-count>
<hidden-route-count>
  hidden-route-count
</hidden-route-count>
<restart-state>
  restart-state
</restart-state>
<rt>....</rt>
</route-table>
</route-summary-information>
```

Description

<router-id-tlv>

Usage

```
<isis-tlv>
  <router-id-tlv>
    <router-id>
      router-id
    </router-id>
  </router-id-tlv>
</isis-tlv>
```

Description

<router-id-tlv>

Usage

```
<isis-database-entry>
  <isis-tlv>
    <router-id-tlv>
      <router-id>
        router-id
      </router-id>
    </router-id-tlv>
  </isis-tlv>
</isis-database-entry>
```


Description**<router-id-tlv>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <router-id-tlv>
        <router-id>
          router-id
        </router-id>
      </router-id-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>

```

Description**<router-id-tlv>****Usage**

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <router-id-tlv>
          <router-id>
            router-id
          </router-id>
        </router-id-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>

```

Description**<rp-family>****Usage**

```

<pim-rps-information>
  <rp-family>
    <address-family>
      address-family
    </address-family>
    <rendezvous-point>....</rendezvous-point>
  </rp-family>
</pim-rps-information>

```

Description

<rpf-family>

Usage

```
<multicast-rpf-information>
  <rpf-family>
    <address-family>
      address-family
    </address-family>
    <rpf-table-name>
      rpf-table-name
    </rpf-table-name>
    <rpf-table-entry-count>
      rpf-table-entry-count
    </rpf-table-entry-count>
    <rpf-route>....</rpf-route>
  </rpf-family>
</multicast-rpf-information>
```

Description

<rpf-route>

Usage

```
<multicast-rpf-information>
  <rpf-family>
    <rpf-route>
      <prefix>
        prefix
      </prefix>
      <rpf-route-inactive>
        rpf-route-inactive
      </rpf-route-inactive>
      <rpf-route-protocol>
        rpf-route-protocol
      </rpf-route-protocol>
      <interface-name>
        interface-name
      </interface-name>
      <rpf-route-neighbor>
        rpf-route-neighbor
      </rpf-route-neighbor>
    </rpf-route>
  </rpf-family>
</multicast-rpf-information>
```

Description

<rsvp-bypass-repl>

Usage

```
<rsvp-bypass-repl>
  <bypass-repl-interface-id>
    bypass-repl-interface-id
  </bypass-repl-interface-id>
```

```

<bypass-repl-to-addr>
  bypass-repl-to-addr
</bypass-repl-to-addr>
<bypass-repl-avoid-addr>
  bypass-repl-avoid-addr
</bypass-repl-avoid-addr>
<bypass-repl-lp-num>
  bypass-repl-lp-num
</bypass-repl-lp-num>
<bypass-repl-id>
  bypass-repl-id
</bypass-repl-id>
<bypass-repl-resolve-status>
  bypass-repl-resolve-status
</bypass-repl-resolve-status>
<bypass-repl-psb-id>
  bypass-repl-psb-id
</bypass-repl-psb-id>
<bypass-repl-state>
  bypass-repl-state
</bypass-repl-state>
<bypass-repl-manual-bypass-name>
  bypass-repl-manual-bypass-name
</bypass-repl-manual-bypass-name>
</rsvp-bypass-repl>

```

Description Information replicated for a bypass LSP

<rsvp-bypass-repl>

Usage

```

<rsvp-bypass-repl-information>
<rsvp-bypass-repl>
  <bypass-repl-interface-id>
    bypass-repl-interface-id
  </bypass-repl-interface-id>
  <bypass-repl-to-addr>
    bypass-repl-to-addr
  </bypass-repl-to-addr>
  <bypass-repl-avoid-addr>
    bypass-repl-avoid-addr
  </bypass-repl-avoid-addr>
  <bypass-repl-lp-num>
    bypass-repl-lp-num
  </bypass-repl-lp-num>
  <bypass-repl-id>
    bypass-repl-id
  </bypass-repl-id>
  <bypass-repl-resolve-status>
    bypass-repl-resolve-status
  </bypass-repl-resolve-status>
  <bypass-repl-psb-id>
    bypass-repl-psb-id
  </bypass-repl-psb-id>

```

```
<bypass-repl-state>
  bypass-repl-state
</bypass-repl-state>
<bypass-repl-manual-bypass-name>
  bypass-repl-manual-bypass-name
</bypass-repl-manual-bypass-name>
</rsvp-bypass-repl>
</rsvp-bypass-repl-information>
```

Description Information replicated for a bypass LSP

<rsvp-bypass-repl-information>

Usage

```
<rsvp-bypass-repl-information>
  <rsvp-bypass-repl>....</rsvp-bypass-repl>
</rsvp-bypass-repl-information>
```

Description Information replicated for one or more bypasses

<rsvp-error>

Usage

```
<rsvp-error>
  <error-message>
    error-message
  </error-message>
  <error-count>
    error-count
  </error-count>
  <error-count-5seconds>
    error-count-5seconds
  </error-count-5seconds>
</rsvp-error>
```

Description

<rsvp-error>

Usage

```
<rsvp-statistics-information>
  <rsvp-error>
    <error-message>
      error-message
    </error-message>
    <error-count>
      error-count
    </error-count>
    <error-count-5seconds>
      error-count-5seconds
    </error-count-5seconds>
  </rsvp-error>
```

```
</rsvp-statistics-information>
```

Description

<rsvp-graceful-restart>

Usage

```
<rsvp-graceful-restart>
  <restart-status>
    restart-status
  </restart-status>
  <helper-status>
    helper-status
  </helper-status>
  <maximum-helper-restart-time>
    maximum-helper-restart-time
  </maximum-helper-restart-time>
  <maximum-helper-recovery-time>
    maximum-helper-recovery-time
  </maximum-helper-recovery-time>
  <restart-time>
    restart-time
  </restart-time>
  <recovery-time>
    recovery-time
  </recovery-time>
</rsvp-graceful-restart>
```

Description

<rsvp-graceful-restart>

Usage

```
<rsvp-neighbor>
  <rsvp-graceful-restart>
    <restart-status>
      restart-status
    </restart-status>
    <helper-status>
      helper-status
    </helper-status>
    <maximum-helper-restart-time>
      maximum-helper-restart-time
    </maximum-helper-restart-time>
    <maximum-helper-recovery-time>
      maximum-helper-recovery-time
    </maximum-helper-recovery-time>
    <restart-time>
      restart-time
    </restart-time>
    <recovery-time>
      recovery-time
    </recovery-time>
  </rsvp-graceful-restart>
```

```
</rsvp-neighbor>
```

Description

<rsvp-graceful-restart>

Usage

```
<rsvp-neighbor-information>
  <rsvp-neighbor>
    <rsvp-graceful-restart>
      <restart-status>
        restart-status
      </restart-status>
      <helper-status>
        helper-status
      </helper-status>
      <maximum-helper-restart-time>
        maximum-helper-restart-time
      </maximum-helper-restart-time>
      <maximum-helper-recovery-time>
        maximum-helper-recovery-time
      </maximum-helper-recovery-time>
      <restart-time>
        restart-time
      </restart-time>
      <recovery-time>
        recovery-time
      </recovery-time>
    </rsvp-graceful-restart>
  </rsvp-neighbor>
</rsvp-neighbor-information>
```

Description

<rsvp-graceful-restart>

Usage

```
<rsvp-replication-neighbor>
  <rsvp-graceful-restart>
    <restart-status>
      restart-status
    </restart-status>
    <helper-status>
      helper-status
    </helper-status>
    <maximum-helper-restart-time>
      maximum-helper-restart-time
    </maximum-helper-restart-time>
    <maximum-helper-recovery-time>
      maximum-helper-recovery-time
    </maximum-helper-recovery-time>
    <restart-time>
      restart-time
    </restart-time>
```

```

    <recovery-time>
      recovery-time
    </recovery-time>
  </rsvp-graceful-restart>
</rsvp-replication-neighbor>

```

Description

<rsvp-graceful-restart>

Usage

```

<rsvp-neighbor-replication-information>
  <rsvp-replication-neighbor>
    <rsvp-graceful-restart>
      <restart-status>
        restart-status
      </restart-status>
      <helper-status>
        helper-status
      </helper-status>
      <maximum-helper-restart-time>
        maximum-helper-restart-time
      </maximum-helper-restart-time>
      <maximum-helper-recovery-time>
        maximum-helper-recovery-time
      </maximum-helper-recovery-time>
      <restart-time>
        restart-time
      </restart-time>
      <recovery-time>
        recovery-time
      </recovery-time>
    </rsvp-graceful-restart>
  </rsvp-replication-neighbor>
</rsvp-neighbor-replication-information>

```

Description

<rsvp-graceful-restart>

Usage

```

<rsvp-version>
  <rsvp-graceful-restart>
    <restart-status>
      restart-status
    </restart-status>
    <helper-status>
      helper-status
    </helper-status>
    <maximum-helper-restart-time>
      maximum-helper-restart-time
    </maximum-helper-restart-time>
    <maximum-helper-recovery-time>
      maximum-helper-recovery-time

```

```
</maximum-helper-recovery-time>
<restart-time>
  restart-time
</restart-time>
<recovery-time>
  recovery-time
</recovery-time>
</rsvp-graceful-restart>
</rsvp-version>
```

Description

<rsvp-graceful-restart>

Usage

```
<rsvp-version-information>
<rsvp-version>
  <rsvp-graceful-restart>
    <restart-status>
      restart-status
    </restart-status>
    <helper-status>
      helper-status
    </helper-status>
    <maximum-helper-restart-time>
      maximum-helper-restart-time
    </maximum-helper-restart-time>
    <maximum-helper-recovery-time>
      maximum-helper-recovery-time
    </maximum-helper-recovery-time>
    <restart-time>
      restart-time
    </restart-time>
    <recovery-time>
      recovery-time
    </recovery-time>
  </rsvp-graceful-restart>
</rsvp-version>
</rsvp-version-information>
```

Description

<rsvp-interface>

Usage

```
<rsvp-interface>
<interface-name>
  interface-name
</interface-name>
<rsvp-status>
  rsvp-status
</rsvp-status>
<active-control-channel>
  active-control-channel
```



```

</active-control-channel>
<control-channel-unusable>
  control-channel-unusable
</control-channel-unusable>
<index>
  index
</index>
<authentication-flag>
  authentication-flag
</authentication-flag>
<aggregate-flag>
  aggregate-flag
</aggregate-flag>
<ack-flag>
  ack-flag
</ack-flag>
<protect-flag>
  protect-flag
</protect-flag>
<hello-interval>
  hello-interval
</hello-interval>
<forward-rsvp>
  forward-rsvp
</forward-rsvp>
<interface-address>
  interface-address
</interface-address>
<loopback-address>
  loopback-address
</loopback-address>
<rsvp-telink>....</rsvp-telink>
<message-statistics>....</message-statistics>
<bypass-info>....</bypass-info>
<cos-info>....</cos-info>
</rsvp-interface>

```

Description

<rsvp-interface>

Usage

```

<rsvp-interface-information>
<rsvp-interface>
  <interface-name>
    interface-name
  </interface-name>
  <rsvp-status>
    rsvp-status
  </rsvp-status>
  <active-control-channel>
    active-control-channel
  </active-control-channel>
  <control-channel-unusable>
    control-channel-unusable

```

```
</control-channel-unusable>
<index>
  index
</index>
<authentication-flag>
  authentication-flag
</authentication-flag>
<aggregate-flag>
  aggregate-flag
</aggregate-flag>
<ack-flag>
  ack-flag
</ack-flag>
<protect-flag>
  protect-flag
</protect-flag>
<hello-interval>
  hello-interval
</hello-interval>
<forward-rsvp>
  forward-rsvp
</forward-rsvp>
<interface-address>
  interface-address
</interface-address>
<loopback-address>
  loopback-address
</loopback-address>
<rsvp-telink>....</rsvp-telink>
<message-statistics>....</message-statistics>
<bypass-info>....</bypass-info>
<cos-info>....</cos-info>
</rsvp-interface>
</rsvp-interface-information>
```

Description

<rsvp-interface-information>

Usage

```
<rsvp-interface-information>
<active-count>
  active-count
</active-count>
<rsvp-interface>....</rsvp-interface>
</rsvp-interface-information>
```

Description

<rsvp-interface-replication-information>

Usage

```
<rsvp-interface-replication-information>
<rsvp-replication-te-link>....</rsvp-replication-te-link>
```

</rsvp-interface-replication-information>

Description Information about one or more replicated RSVP traffic-engineering links

<rsvp-neighbor>

Usage

```
<rsvp-neighbor>
  <rsvp-neighbor-address>
    rsvp-neighbor-address
  </rsvp-neighbor-address>
  <rsvp-neighbor-interface>
    rsvp-neighbor-interface
  </rsvp-neighbor-interface>
  <rsvp-neighbor-status>
    rsvp-neighbor-status
  </rsvp-neighbor-status>
  <rsvp-neighbor-remote>
    rsvp-neighbor-remote
  </rsvp-neighbor-remote>
  <rsvp-neighbor-node>
    rsvp-neighbor-node
  </rsvp-neighbor-node>
  <neighbor-idle>
    neighbor-idle
  </neighbor-idle>
  <neighbor-up-count>
    neighbor-up-count
  </neighbor-up-count>
  <neighbor-down-count>
    neighbor-down-count
  </neighbor-down-count>
  <last-changed-time>
    last-changed-time
  </last-changed-time>
  <hello-interval>
    hello-interval
  </hello-interval>
  <hellos-sent>
    hellos-sent
  </hellos-sent>
  <hellos-received>
    hellos-received
  </hellos-received>
  <messages-received>
    messages-received
  </messages-received>
  <rsvp-neighbor-remote-instance>
    rsvp-neighbor-remote-instance
  </rsvp-neighbor-remote-instance>
  <rsvp-neighbor-local-instance>
    rsvp-neighbor-local-instance
  </rsvp-neighbor-local-instance>
  <rsvp-message>
```

```
    rsvp-message
  </rsvp-message>
  <rsvp-refresh-reduct-status>
    rsvp-refresh-reduct-status
  </rsvp-refresh-reduct-status>
  <rsvp-refresh-reduct-remote-status>
    rsvp-refresh-reduct-remote-status
  </rsvp-refresh-reduct-remote-status>
  <rsvp-refresh-reduct-ack-status>
    rsvp-refresh-reduct-ack-status
  </rsvp-refresh-reduct-ack-status>
  <rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-neighbor>
```

Description

<rsvp-neighbor>

Usage

```
<rsvp-neighbor-information>
  <rsvp-neighbor>
    <rsvp-neighbor-address>
      rsvp-neighbor-address
    </rsvp-neighbor-address>
    <rsvp-neighbor-interface>
      rsvp-neighbor-interface
    </rsvp-neighbor-interface>
    <rsvp-neighbor-status>
      rsvp-neighbor-status
    </rsvp-neighbor-status>
    <rsvp-neighbor-remote>
      rsvp-neighbor-remote
    </rsvp-neighbor-remote>
    <rsvp-neighbor-node>
      rsvp-neighbor-node
    </rsvp-neighbor-node>
    <neighbor-idle>
      neighbor-idle
    </neighbor-idle>
    <neighbor-up-count>
      neighbor-up-count
    </neighbor-up-count>
    <neighbor-down-count>
      neighbor-down-count
    </neighbor-down-count>
    <last-changed-time>
      last-changed-time
    </last-changed-time>
    <hello-interval>
      hello-interval
    </hello-interval>
    <hellos-sent>
      hellos-sent
    </hellos-sent>
    <hellos-received>
```

```

    hellos-received
  </hellos-received>
  <messages-received>
    messages-received
  </messages-received>
  <rsvp-neighbor-remote-instance>
    rsvp-neighbor-remote-instance
  </rsvp-neighbor-remote-instance>
  <rsvp-neighbor-local-instance>
    rsvp-neighbor-local-instance
  </rsvp-neighbor-local-instance>
  <rsvp-message>
    rsvp-message
  </rsvp-message>
  <rsvp-refresh-reduct-status>
    rsvp-refresh-reduct-status
  </rsvp-refresh-reduct-status>
  <rsvp-refresh-reduct-remote-status>
    rsvp-refresh-reduct-remote-status
  </rsvp-refresh-reduct-remote-status>
  <rsvp-refresh-reduct-ack-status>
    rsvp-refresh-reduct-ack-status
  </rsvp-refresh-reduct-ack-status>
  <rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-neighbor>
</rsvp-neighbor-information>

```

Description**<rsvp-neighbor-information>****Usage**

```

<rsvp-neighbor-information>
  <rsvp-neighbor-count>
    rsvp-neighbor-count
  </rsvp-neighbor-count>
  <rsvp-neighbor>....</rsvp-neighbor>
</rsvp-neighbor-information>

```

Description**<rsvp-neighbor-replication-information>****Usage**

```

<rsvp-neighbor-replication-information>
  <rsvp-replication-neighbor>....</rsvp-replication-neighbor>
</rsvp-neighbor-replication-information>

```

Description Information about one or more RSVP replication neighbors

<rsvp-path-state-replication-information>

Usage

```
<rsvp-path-state-replication-information>
  <rsvp-replication-path-state>....</rsvp-replication-path-state>
</rsvp-path-state-replication-information>
```

Description Information about one or more replicated RSVP PATH state blocks

<rsvp-replication-neighbor>

Usage

```
<rsvp-replication-neighbor>
  <replication-neighbor-address>
    replication-neighbor-address
  </replication-neighbor-address>
  <neighbor-interface>
    neighbor-interface
  </neighbor-interface>
  <neighbor-status>
    neighbor-status
  </neighbor-status>
  <replication-neighbor-up-count>
    replication-neighbor-up-count
  </replication-neighbor-up-count>
  <neighbor-flags>
    neighbor-flags
  </neighbor-flags>
  <neighbor-replication-sync-status>
    neighbor-replication-sync-status
  </neighbor-replication-sync-status>
  <neighbor-remote-instance>
    neighbor-remote-instance
  </neighbor-remote-instance>
  <neighbor-local-instance>
    neighbor-local-instance
  </neighbor-local-instance>
  <rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-replication-neighbor>
```

Description Replication information for an RSVP neighbor

<rsvp-replication-neighbor>

Usage

```
<rsvp-neighbor-replication-information>
  <rsvp-replication-neighbor>
    <replication-neighbor-address>
      replication-neighbor-address
    </replication-neighbor-address>
    <neighbor-interface>
      neighbor-interface
```

```

</neighbor-interface>
<neighbor-status>
  neighbor-status
</neighbor-status>
<replication-neighbor-up-count>
  replication-neighbor-up-count
</replication-neighbor-up-count>
<neighbor-flags>
  neighbor-flags
</neighbor-flags>
<neighbor-replication-sync-status>
  neighbor-replication-sync-status
</neighbor-replication-sync-status>
<neighbor-remote-instance>
  neighbor-remote-instance
</neighbor-remote-instance>
<neighbor-local-instance>
  neighbor-local-instance
</neighbor-local-instance>
<rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-replication-neighbor>
</rsvp-neighbor-replication-information>

```

Description Replication information for an RSVP neighbor

<rsvp-replication-path-state>

Usage

```

<rsvp-replication-path-state>
  <path-state-address>
    path-state-address
  </path-state-address>
  <path-state-interface-id>
    path-state-interface-id
  </path-state-interface-id>
  <path-state-session-id>
    path-state-session-id
  </path-state-session-id>
  <path-state-id>
    path-state-id
  </path-state-id>
  <path-state-self-id>
    path-state-self-id
  </path-state-self-id>
  <path-state-tag>
    path-state-tag
  </path-state-tag>
  <path-state-rr-epoch>
    path-state-rr-epoch
  </path-state-rr-epoch>
  <path-state-resv-msg-id>
    path-state-resv-msg-id
  </path-state-resv-msg-id>
  <path-state-bypass-id>

```

```
    path-state-bypass-id
  </path-state-bypass-id>
  <path-state-nh-type>
    path-state-nh-type
  </path-state-nh-type>
  <path-state-nh-outgoing-interface>
    path-state-nh-outgoing-interface
  </path-state-nh-outgoing-interface>
  <path-state-nh-upstream-tag>
    path-state-nh-upstream-tag
  </path-state-nh-upstream-tag>
  <path-state-nh-te-link-id>
    path-state-nh-te-link-id
  </path-state-nh-te-link-id>
  <path-state-nh-peer-address>
    path-state-nh-peer-address
  </path-state-nh-peer-address>
  <path-state-nh-avoid-address>
    path-state-nh-avoid-address
  </path-state-nh-avoid-address>
  <path-state-nh-ero>
    path-state-nh-ero
  </path-state-nh-ero>
  <path-state-nh-msg-id>
    path-state-nh-msg-id
  </path-state-nh-msg-id>
</rsvp-replication-path-state>
```

Description Information about a replicated RSVP PATH state block

<rsvp-replication-path-state>

Usage

```
<rsvp-path-state-replication-information>
  <rsvp-replication-path-state>
    <path-state-address>
      path-state-address
    </path-state-address>
    <path-state-interface-id>
      path-state-interface-id
    </path-state-interface-id>
    <path-state-session-id>
      path-state-session-id
    </path-state-session-id>
    <path-state-id>
      path-state-id
    </path-state-id>
    <path-state-self-id>
      path-state-self-id
    </path-state-self-id>
    <path-state-tag>
      path-state-tag
    </path-state-tag>
    <path-state-rr-epoch>
```



```

    path-state-rr-epoch
  </path-state-rr-epoch>
  <path-state-resv-msg-id>
    path-state-resv-msg-id
  </path-state-resv-msg-id>
  <path-state-bypass-id>
    path-state-bypass-id
  </path-state-bypass-id>
  <path-state-nh-type>
    path-state-nh-type
  </path-state-nh-type>
  <path-state-nh-outgoing-interface>
    path-state-nh-outgoing-interface
  </path-state-nh-outgoing-interface>
  <path-state-nh-upstream-tag>
    path-state-nh-upstream-tag
  </path-state-nh-upstream-tag>
  <path-state-nh-te-link-id>
    path-state-nh-te-link-id
  </path-state-nh-te-link-id>
  <path-state-nh-peer-address>
    path-state-nh-peer-address
  </path-state-nh-peer-address>
  <path-state-nh-avoid-address>
    path-state-nh-avoid-address
  </path-state-nh-avoid-address>
  <path-state-nh-ero>
    path-state-nh-ero
  </path-state-nh-ero>
  <path-state-nh-msg-id>
    path-state-nh-msg-id
  </path-state-nh-msg-id>
</rsvp-replication-path-state>
</rsvp-path-state-replication-information>

```

Description Information about a replicated RSVP PATH state block

<rsvp-replication-resv-state>

Usage

```

<rsvp-replication-resv-state>
  <resv-state-interface-id>
    resv-state-interface-id
  </resv-state-interface-id>
  <resv-state-session-id>
    resv-state-session-id
  </resv-state-session-id>
  <resv-state-self-id>
    resv-state-self-id
  </resv-state-self-id>
</rsvp-replication-resv-state>

```

Description Information about replicated RESV state block

<rsvp-replication-resv-state>

Usage

```
<rsvp-resv-state-replication-information>
  <rsvp-replication-resv-state>
    <resv-state-interface-id>
      resv-state-interface-id
    </resv-state-interface-id>
    <resv-state-session-id>
      resv-state-session-id
    </resv-state-session-id>
    <resv-state-self-id>
      resv-state-self-id
    </resv-state-self-id>
  </rsvp-replication-resv-state>
</rsvp-resv-state-replication-information>
```

Description Information about replicated RESV state block

<rsvp-replication-session>

Usage

```
<rsvp-replication-session>
  <destination-address>
    destination-address
  </destination-address>
  <source-address>
    source-address
  </source-address>
  <label-in>
    label-in
  </label-in>
  <path-state-id>
    path-state-id
  </path-state-id>
  <session-id>
    session-id
  </session-id>
  <name>
    name
  </name>
  <replication-state>
    replication-state
  </replication-state>
</rsvp-replication-session>
```

Description Information about a replicated RSVP session

<rsvp-replication-session>

Usage

```
<rsvp-session-replication-information>
```

```
<rsvp-replication-session>
  <destination-address>
    destination-address
  </destination-address>
  <source-address>
    source-address
  </source-address>
  <label-in>
    label-in
  </label-in>
  <path-state-id>
    path-state-id
  </path-state-id>
  <session-id>
    session-id
  </session-id>
  <name>
    name
  </name>
  <replication-state>
    replication-state
  </replication-state>
</rsvp-replication-session>
</rsvp-session-replication-information>
```

Description Information about a replicated RSVP session

<rsvp-replication-te-link>

Usage

```
<rsvp-replication-te-link>
  <te-link-id>
    te-link-id
  </te-link-id>
  <te-link-interface-id>
    te-link-interface-id
  </te-link-interface-id>
  <te-link-reference-count>
    te-link-reference-count
  </te-link-reference-count>
</rsvp-replication-te-link>
```

Description Information about a replicated traffic-engineering link

<rsvp-replication-te-link>

Usage

```
<rsvp-interface-replication-information>
  <rsvp-replication-te-link>
    <te-link-id>
      te-link-id
    </te-link-id>
    <te-link-interface-id>
```

```
te-link-interface-id
</te-link-interface-id>
<te-link-reference-count>
te-link-reference-count
</te-link-reference-count>
</rsvp-replication-te-link>
</rsvp-interface-replication-information>
```

Description Information about a replicated traffic-engineering link

<rsvp-resv-state-replication-information>

Usage

```
<rsvp-resv-state-replication-information>
<rsvp-replication-resv-state>....</rsvp-replication-resv-state>
</rsvp-resv-state-replication-information>
```

Description Information about one or more replicated RSVP RESV state blocks

<rsvp-session>

Usage

```
<rsvp-session-data>
<rsvp-session>
<destination-address>
destination-address
</destination-address>
<is-detour>
is-detour
</is-detour>
<source-address>
source-address
</source-address>
<lsp-state>
lsp-state
</lsp-state>
<lsp-pktbytes>
lsp-pktbytes
</lsp-pktbytes>
<bypass-name>
bypass-name
</bypass-name>
<no-statistics>
no-statistics
</no-statistics>
<route-count>
route-count
</route-count>
<rsb-count>
rsb-count
</rsb-count>
<resv-style>
resv-style
```

```
</resv-style>
<label-in>
  label-in
</label-in>
<label-out>
  label-out
</label-out>
<name>
  name
</name>
<mpls-p2mp-lsp-name>
  mpls-p2mp-lsp-name
</mpls-p2mp-lsp-name>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-path-type>
  lsp-path-type
</lsp-path-type>
<mpls-lsp-type>
  mpls-lsp-type
</mpls-lsp-type>
<lsp-aggregation>
  lsp-aggregation
</lsp-aggregation>
<graceful-deletion-triggered>
  graceful-deletion-triggered
</graceful-deletion-triggered>
<source-tna-address>
  source-tna-address
</source-tna-address>
<destination-tna-address>
  destination-tna-address
</destination-tna-address>
<bidirectional>
  bidirectional
</bidirectional>
<upstream-label-in>
  upstream-label-in
</upstream-label-in>
<upstream-label-out>
  upstream-label-out
</upstream-label-out>
<suggested-label-in>
  suggested-label-in
</suggested-label-in>
<suggested-label-out>
  suggested-label-out
</suggested-label-out>
<recovery-label-in>
  recovery-label-in
</recovery-label-in>
<recovery-label-out>
  recovery-label-out
</recovery-label-out>
<psb-lifetime>
```

```
    psb-lifetime
  </psb-lifetime>
  <psb-creation-time>
    psb-creation-time
  </psb-creation-time>
  <path-mtu>
    path-mtu
  </path-mtu>
  <path-mtu-in-kernel>
    path-mtu-in-kernel
  </path-mtu-in-kernel>
  <sender-tspec>
    sender-tspec
  </sender-tspec>
  <layer2-tspec>....</layer2-tspec>
  <adspec>
    adspec
  </adspec>
  <ct-bw>
    ct-bw
  </ct-bw>
  <lsp-diffserv-info>
    lsp-diffserv-info
  </lsp-diffserv-info>
  <lsp-id>
    lsp-id
  </lsp-id>
  <tunnel-id>
    tunnel-id
  </tunnel-id>
  <proto-id>
    proto-id
  </proto-id>
  <self-id>
    self-id
  </self-id>
  <session-id>
    session-id
  </session-id>
  <is-fastreroute>
    is-fastreroute
  </is-fastreroute>
  <is-linkprotection>
    is-linkprotection
  </is-linkprotection>
  <is-nodeprotection>
    is-nodeprotection
  </is-nodeprotection>
  <is-soft-preemption>
    is-soft-preemption
  </is-soft-preemption>
  <rsvp-path-status>
    rsvp-path-status
  </rsvp-path-status>
  <rsvp-lp-backup-route-cnt>
    rsvp-lp-backup-route-cnt
```

```

</rsvp-lp-backup-route-cnt>
<rsvp-lp-backup-lsp-cnt>
  rsvp-lp-backup-lsp-cnt
</rsvp-lp-backup-lsp-cnt>
<packet-information>....</packet-information>
<explicit-route>....</explicit-route>
<record-route>....</record-route>
<lsp-attribute-flags>....</lsp-attribute-flags>
<lp-history>....</lp-history>
<rsvp-telink>....</rsvp-telink>
<detour>....</detour>
<detour-branch>....</detour-branch>
<mpls-lsp>....</mpls-lsp>
</rsvp-session>
</rsvp-session-data>

```

Description Single RSVP session

<rsvp-session>

Usage

```

<rsvp-session>
  <destination-address>
    destination-address
  </destination-address>
  <is-detour>
    is-detour
  </is-detour>
  <source-address>
    source-address
  </source-address>
  <lsp-state>
    lsp-state
  </lsp-state>
  <lsp-pktbytes>
    lsp-pktbytes
  </lsp-pktbytes>
  <bypass-name>
    bypass-name
  </bypass-name>
  <no-statistics>
    no-statistics
  </no-statistics>
  <route-count>
    route-count
  </route-count>
  <rsb-count>
    rsb-count
  </rsb-count>
  <resv-style>
    resv-style
  </resv-style>
  <label-in>
    label-in

```

```
</label-in>
<label-out>
  label-out
</label-out>
<name>
  name
</name>
<mpls-p2mp-lsp-name>
  mpls-p2mp-lsp-name
</mpls-p2mp-lsp-name>
<lsp-description>
  lsp-description
</lsp-description>
<lsp-path-type>
  lsp-path-type
</lsp-path-type>
<mpls-lsp-type>
  mpls-lsp-type
</mpls-lsp-type>
<lsp-aggregation>
  lsp-aggregation
</lsp-aggregation>
<graceful-deletion-triggered>
  graceful-deletion-triggered
</graceful-deletion-triggered>
<source-tna-address>
  source-tna-address
</source-tna-address>
<destination-tna-address>
  destination-tna-address
</destination-tna-address>
<bidirectional>
  bidirectional
</bidirectional>
<upstream-label-in>
  upstream-label-in
</upstream-label-in>
<upstream-label-out>
  upstream-label-out
</upstream-label-out>
<suggested-label-in>
  suggested-label-in
</suggested-label-in>
<suggested-label-out>
  suggested-label-out
</suggested-label-out>
<recovery-label-in>
  recovery-label-in
</recovery-label-in>
<recovery-label-out>
  recovery-label-out
</recovery-label-out>
<psb-lifetime>
  psb-lifetime
</psb-lifetime>
<psb-creation-time>
```



```
    psb-creation-time
  </psb-creation-time>
  <path-mtu>
    path-mtu
  </path-mtu>
  <path-mtu-in-kernel>
    path-mtu-in-kernel
  </path-mtu-in-kernel>
  <sender-tspec>
    sender-tspec
  </sender-tspec>
  <layer2-tspec>....</layer2-tspec>
  <adspec>
    adspec
  </adspec>
  <ct-bw>
    ct-bw
  </ct-bw>
  <lsp-diffserv-info>
    lsp-diffserv-info
  </lsp-diffserv-info>
  <lsp-id>
    lsp-id
  </lsp-id>
  <tunnel-id>
    tunnel-id
  </tunnel-id>
  <proto-id>
    proto-id
  </proto-id>
  <self-id>
    self-id
  </self-id>
  <session-id>
    session-id
  </session-id>
  <is-fastreroute>
    is-fastreroute
  </is-fastreroute>
  <is-linkprotection>
    is-linkprotection
  </is-linkprotection>
  <is-nodeprotection>
    is-nodeprotection
  </is-nodeprotection>
  <is-soft-preemption>
    is-soft-preemption
  </is-soft-preemption>
  <rsvp-path-status>
    rsvp-path-status
  </rsvp-path-status>
  <rsvp-lp-backup-route-cnt>
    rsvp-lp-backup-route-cnt
  </rsvp-lp-backup-route-cnt>
  <rsvp-lp-backup-lsp-cnt>
    rsvp-lp-backup-lsp-cnt
```

```
</rsvp-lp-backup-lsp-cnt>
<packet-information>....</packet-information>
<explicit-route>....</explicit-route>
<record-route>....</record-route>
<lsp-attribute-flags>....</lsp-attribute-flags>
<lp-history>....</lp-history>
<rsvp-telink>....</rsvp-telink>
<detour>....</detour>
<detour-branch>....</detour-branch>
<mpls-lsp>....</mpls-lsp>
</rsvp-session>
```

Description Single RSVP session

<rsvp-session>

Usage

```
<rsvp-session-information>
<rsvp-session-data>
  <rsvp-session>
    <destination-address>
      destination-address
    </destination-address>
    <is-detour>
      is-detour
    </is-detour>
    <source-address>
      source-address
    </source-address>
    <lsp-state>
      lsp-state
    </lsp-state>
    <lsp-pktbytes>
      lsp-pktbytes
    </lsp-pktbytes>
    <bypass-name>
      bypass-name
    </bypass-name>
    <no-statistics>
      no-statistics
    </no-statistics>
    <route-count>
      route-count
    </route-count>
    <rsb-count>
      rsb-count
    </rsb-count>
    <resv-style>
      resv-style
    </resv-style>
    <label-in>
      label-in
    </label-in>
    <label-out>
```

```
    label-out
  </label-out>
  <name>
    name
  </name>
  <mpls-p2mp-lsp-name>
    mpls-p2mp-lsp-name
  </mpls-p2mp-lsp-name>
  <lsp-description>
    lsp-description
  </lsp-description>
  <lsp-path-type>
    lsp-path-type
  </lsp-path-type>
  <mpls-lsp-type>
    mpls-lsp-type
  </mpls-lsp-type>
  <lsp-aggregation>
    lsp-aggregation
  </lsp-aggregation>
  <graceful-deletion-triggered>
    graceful-deletion-triggered
  </graceful-deletion-triggered>
  <source-tna-address>
    source-tna-address
  </source-tna-address>
  <destination-tna-address>
    destination-tna-address
  </destination-tna-address>
  <bidirectional>
    bidirectional
  </bidirectional>
  <upstream-label-in>
    upstream-label-in
  </upstream-label-in>
  <upstream-label-out>
    upstream-label-out
  </upstream-label-out>
  <suggested-label-in>
    suggested-label-in
  </suggested-label-in>
  <suggested-label-out>
    suggested-label-out
  </suggested-label-out>
  <recovery-label-in>
    recovery-label-in
  </recovery-label-in>
  <recovery-label-out>
    recovery-label-out
  </recovery-label-out>
  <psb-lifetime>
    psb-lifetime
  </psb-lifetime>
  <psb-creation-time>
    psb-creation-time
  </psb-creation-time>
```

```
<path-mtu>
  path-mtu
</path-mtu>
<path-mtu-in-kernel>
  path-mtu-in-kernel
</path-mtu-in-kernel>
<sender-tspec>
  sender-tspec
</sender-tspec>
<layer2-tspec>....</layer2-tspec>
<adspec>
  adspec
</adspec>
<ct-bw>
  ct-bw
</ct-bw>
<lsp-diffserv-info>
  lsp-diffserv-info
</lsp-diffserv-info>
<lsp-id>
  lsp-id
</lsp-id>
<tunnel-id>
  tunnel-id
</tunnel-id>
<proto-id>
  proto-id
</proto-id>
<self-id>
  self-id
</self-id>
<session-id>
  session-id
</session-id>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-soft-preemption>
  is-soft-preemption
</is-soft-preemption>
<rsvp-path-status>
  rsvp-path-status
</rsvp-path-status>
<rsvp-lp-backup-route-cnt>
  rsvp-lp-backup-route-cnt
</rsvp-lp-backup-route-cnt>
<rsvp-lp-backup-lsp-cnt>
  rsvp-lp-backup-lsp-cnt
</rsvp-lp-backup-lsp-cnt>
<packet-information>....</packet-information>
```

```

<explicit-route>....</explicit-route>
<record-route>....</record-route>
<lsp-attribute-flags>....</lsp-attribute-flags>
<lp-history>....</lp-history>
<rsvp-telink>....</rsvp-telink>
<detour>....</detour>
<detour-branch>....</detour-branch>
<mpls-lsp>....</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>

```

Description Single RSVP session

<rsvp-session>

Usage

```

<mpls-lsp-information>
<rsvp-session-data>
<rsvp-session>
  <destination-address>
    destination-address
  </destination-address>
  <is-detour>
    is-detour
  </is-detour>
  <source-address>
    source-address
  </source-address>
  <lsp-state>
    lsp-state
  </lsp-state>
  <lsp-pktbytes>
    lsp-pktbytes
  </lsp-pktbytes>
  <bypass-name>
    bypass-name
  </bypass-name>
  <no-statistics>
    no-statistics
  </no-statistics>
  <route-count>
    route-count
  </route-count>
  <rsb-count>
    rsb-count
  </rsb-count>
  <resv-style>
    resv-style
  </resv-style>
  <label-in>
    label-in
  </label-in>
  <label-out>

```

```
    label-out
  </label-out>
  <name>
    name
  </name>
  <mpls-p2mp-lsp-name>
    mpls-p2mp-lsp-name
  </mpls-p2mp-lsp-name>
  <lsp-description>
    lsp-description
  </lsp-description>
  <lsp-path-type>
    lsp-path-type
  </lsp-path-type>
  <mpls-lsp-type>
    mpls-lsp-type
  </mpls-lsp-type>
  <lsp-aggregation>
    lsp-aggregation
  </lsp-aggregation>
  <graceful-deletion-triggered>
    graceful-deletion-triggered
  </graceful-deletion-triggered>
  <source-tna-address>
    source-tna-address
  </source-tna-address>
  <destination-tna-address>
    destination-tna-address
  </destination-tna-address>
  <bidirectional>
    bidirectional
  </bidirectional>
  <upstream-label-in>
    upstream-label-in
  </upstream-label-in>
  <upstream-label-out>
    upstream-label-out
  </upstream-label-out>
  <suggested-label-in>
    suggested-label-in
  </suggested-label-in>
  <suggested-label-out>
    suggested-label-out
  </suggested-label-out>
  <recovery-label-in>
    recovery-label-in
  </recovery-label-in>
  <recovery-label-out>
    recovery-label-out
  </recovery-label-out>
  <psb-lifetime>
    psb-lifetime
  </psb-lifetime>
  <psb-creation-time>
    psb-creation-time
  </psb-creation-time>
```

```
<path-mtu>
  path-mtu
</path-mtu>
<path-mtu-in-kernel>
  path-mtu-in-kernel
</path-mtu-in-kernel>
<sender-tspec>
  sender-tspec
</sender-tspec>
<layer2-tspec>....</layer2-tspec>
<adspec>
  adspec
</adspec>
<ct-bw>
  ct-bw
</ct-bw>
<lsp-diffserv-info>
  lsp-diffserv-info
</lsp-diffserv-info>
<lsp-id>
  lsp-id
</lsp-id>
<tunnel-id>
  tunnel-id
</tunnel-id>
<proto-id>
  proto-id
</proto-id>
<self-id>
  self-id
</self-id>
<session-id>
  session-id
</session-id>
<is-fastreroute>
  is-fastreroute
</is-fastreroute>
<is-linkprotection>
  is-linkprotection
</is-linkprotection>
<is-nodeprotection>
  is-nodeprotection
</is-nodeprotection>
<is-soft-preemption>
  is-soft-preemption
</is-soft-preemption>
<rsvp-path-status>
  rsvp-path-status
</rsvp-path-status>
<rsvp-lp-backup-route-cnt>
  rsvp-lp-backup-route-cnt
</rsvp-lp-backup-route-cnt>
<rsvp-lp-backup-lsp-cnt>
  rsvp-lp-backup-lsp-cnt
</rsvp-lp-backup-lsp-cnt>
<packet-information>....</packet-information>
```

```
<explicit-route>....</explicit-route>
<record-route>....</record-route>
<lsp-attribute-flags>....</lsp-attribute-flags>
<lp-history>....</lp-history>
<rsvp-telink>....</rsvp-telink>
<detour>....</detour>
<detour-branch>....</detour-branch>
<mpls-lsp>....</mpls-lsp>
</rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>
```

Description Single RSVP session

<rsvp-session-data>

Usage

```
<rsvp-session-data>
  <session-type>
    session-type
  </session-type>
  <count>
    count
  </count>
  <display-count>
    display-count
  </display-count>
  <up-count>
    up-count
  </up-count>
  <down-count>
    down-count
  </down-count>
  <detours>
    detours
  </detours>
  <rsvp-session>....</rsvp-session>
  <mpls-p2mp-lsp>....</mpls-p2mp-lsp>
</rsvp-session-data>
```

Description

<rsvp-session-data>

Usage

```
<rsvp-session-information>
  <rsvp-session-data>
    <session-type>
      session-type
    </session-type>
    <count>
      count
    </count>
    <display-count>
```



```

        display-count
      </display-count>
      <up-count>
        up-count
      </up-count>
      <down-count>
        down-count
      </down-count>
      <detours>
        detours
      </detours>
      <rsvp-session>....</rsvp-session>
      <mpls-p2mp-lsp>....</mpls-p2mp-lsp>
    </rsvp-session-data>
  </rsvp-session-information>

```

Description**<rsvp-session-data>****Usage**

```

<mpls-lsp-information>
  <rsvp-session-data>
    <session-type>
      session-type
    </session-type>
    <count>
      count
    </count>
    <display-count>
      display-count
    </display-count>
    <up-count>
      up-count
    </up-count>
    <down-count>
      down-count
    </down-count>
    <detours>
      detours
    </detours>
    <rsvp-session>....</rsvp-session>
    <mpls-p2mp-lsp>....</mpls-p2mp-lsp>
  </rsvp-session-data>
</mpls-lsp-information>

```

Description**<rsvp-session-information>****Usage**

```

<rsvp-session-information>
  <rsvp-session-data>....</rsvp-session-data>

```

</rsvp-session-information>

Description

<rsvp-session-replication-information>

Usage

```
<rsvp-session-replication-information>
  <rsvp-replication-session>....</rsvp-replication-session>
</rsvp-session-replication-information>
```

Description Information about one or more replicated RSVP sessions

<rsvp-statistics-information>

Usage

```
<rsvp-statistics-information>
  <message-statistics>....</message-statistics>
  <rsvp-error>....</rsvp-error>
</rsvp-statistics-information>
```

Description

<rsvp-telink>

Usage

```
<rsvp-telink>
  <telink-name>
    telink-name
  </telink-name>
  <telink-local-id>
    telink-local-id
  </telink-local-id>
  <telink-state>
    telink-state
  </telink-state>
  <active-reservation>
    active-reservation
  </active-reservation>
  <subscription>
    subscription
  </subscription>
  <ct-subscription>
    ct-subscription
  </ct-subscription>
  <static-bandwidth>
    static-bandwidth
  </static-bandwidth>
  <available-bandwidth>
    available-bandwidth
  </available-bandwidth>
  <max-available-bandwidth>
    max-available-bandwidth
```

```
</max-available-bandwidth>
<max-available-description>
  max-available-description
</max-available-description>
<static-bc-bandwidth>
  static-bc-bandwidth
</static-bc-bandwidth>
<total-reserved-bandwidth>
  total-reserved-bandwidth
</total-reserved-bandwidth>
<bc>
  bc
</bc>
<bc-description>
  bc-description
</bc-description>
<ct-class>
  ct-class
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
</soft-preemption-pending>
<update-threshold>
```

```
    update-threshold
  </update-threshold>
  <reserved-bandwidth>....</reserved-bandwidth>
  <reserved-ct-bandwidth>....</reserved-ct-bandwidth>
  <detour-bandwidth>....</detour-bandwidth>
  <overbooked-bandwidth>....</overbooked-bandwidth>
  <overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
```

Description

<rsvp-telink>

Usage

```
<rsvp-session-data>
  <rsvp-session>
    <rsvp-telink>
      <telink-name>
        telink-name
      </telink-name>
      <telink-local-id>
        telink-local-id
      </telink-local-id>
      <telink-state>
        telink-state
      </telink-state>
      <active-reservation>
        active-reservation
      </active-reservation>
      <subscription>
        subscription
      </subscription>
      <ct-subscription>
        ct-subscription
      </ct-subscription>
      <static-bandwidth>
        static-bandwidth
      </static-bandwidth>
      <available-bandwidth>
        available-bandwidth
      </available-bandwidth>
      <max-available-bandwidth>
        max-available-bandwidth
      </max-available-bandwidth>
      <max-available-description>
        max-available-description
      </max-available-description>
      <static-bc-bandwidth>
        static-bc-bandwidth
      </static-bc-bandwidth>
      <total-reserved-bandwidth>
        total-reserved-bandwidth
      </total-reserved-bandwidth>
      <bc>
        bc
      </bc>
    </rsvp-telink>
  </rsvp-session>
</rsvp-session-data>
```

```
</bc>
<bc-description>
  bc-description
</bc-description>
<ct-class>
  ct-class
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
</soft-preemption-pending>
<update-threshold>
  update-threshold
</update-threshold>
<reserved-bandwidth>....</reserved-bandwidth>
<reserved-ct-bandwidth>....</reserved-ct-bandwidth>
<detour-bandwidth>....</detour-bandwidth>
<overbooked-bandwidth>....</overbooked-bandwidth>
<overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
```

Description

<rsvp-telink>

Usage

```
<rsvp-session>
  <rsvp-telink>
    <telink-name>
      telink-name
    </telink-name>
    <telink-local-id>
      telink-local-id
    </telink-local-id>
    <telink-state>
      telink-state
    </telink-state>
    <active-reservation>
      active-reservation
    </active-reservation>
    <subscription>
      subscription
    </subscription>
    <ct-subscription>
      ct-subscription
    </ct-subscription>
    <static-bandwidth>
      static-bandwidth
    </static-bandwidth>
    <available-bandwidth>
      available-bandwidth
    </available-bandwidth>
    <max-available-bandwidth>
      max-available-bandwidth
    </max-available-bandwidth>
    <max-available-description>
      max-available-description
    </max-available-description>
    <static-bc-bandwidth>
      static-bc-bandwidth
    </static-bc-bandwidth>
    <total-reserved-bandwidth>
      total-reserved-bandwidth
    </total-reserved-bandwidth>
    <bc>
      bc
    </bc>
    <bc-description>
      bc-description
    </bc-description>
    <ct-class>
      ct-class
    </ct-class>
    <ct-bw0>
      ct-bw0
    </ct-bw0>
    <ct-bw1>
```

```

    ct-bw1
  </ct-bw1>
  <ct-bw2>
    ct-bw2
  </ct-bw2>
  <ct-bw3>
    ct-bw3
  </ct-bw3>
  <ct-bw4>
    ct-bw4
  </ct-bw4>
  <ct-bw5>
    ct-bw5
  </ct-bw5>
  <ct-bw6>
    ct-bw6
  </ct-bw6>
  <ct-bw7>
    ct-bw7
  </ct-bw7>
  <high-watermark>
    high-watermark
  </high-watermark>
  <preemption-count>
    preemption-count
  </preemption-count>
  <soft-preemption-count>
    soft-preemption-count
  </soft-preemption-count>
  <soft-preemption-pending>
    soft-preemption-pending
  </soft-preemption-pending>
  <update-threshold>
    update-threshold
  </update-threshold>
  <reserved-bandwidth>....</reserved-bandwidth>
  <reserved-ct-bandwidth>....</reserved-ct-bandwidth>
  <detour-bandwidth>....</detour-bandwidth>
  <overbooked-bandwidth>....</overbooked-bandwidth>
  <overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>

```

Description

<rsvp-telink>

Usage

```

<rsvp-session-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <telink-name>
          telink-name
        </telink-name>

```

```
<telink-local-id>
  telink-local-id
</telink-local-id>
<telink-state>
  telink-state
</telink-state>
<active-reservation>
  active-reservation
</active-reservation>
<subscription>
  subscription
</subscription>
<ct-subscription>
  ct-subscription
</ct-subscription>
<static-bandwidth>
  static-bandwidth
</static-bandwidth>
<available-bandwidth>
  available-bandwidth
</available-bandwidth>
<max-available-bandwidth>
  max-available-bandwidth
</max-available-bandwidth>
<max-available-description>
  max-available-description
</max-available-description>
<static-bc-bandwidth>
  static-bc-bandwidth
</static-bc-bandwidth>
<total-reserved-bandwidth>
  total-reserved-bandwidth
</total-reserved-bandwidth>
<bc>
  bc
</bc>
<bc-description>
  bc-description
</bc-description>
<ct-class>
  ct-class
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
```



```

</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
</soft-preemption-pending>
<update-threshold>
  update-threshold
</update-threshold>
<reserved-bandwidth>....</reserved-bandwidth>
<reserved-ct-bandwidth>....</reserved-ct-bandwidth>
<detour-bandwidth>....</detour-bandwidth>
<overbooked-bandwidth>....</overbooked-bandwidth>
<overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-session>
</rsvp-session-data>
</rsvp-session-information>

```

Description

<rsvp-telink>

Usage

```

<rsvp-interface>
<rsvp-telink>
  <telink-name>
    telink-name
  </telink-name>
  <telink-local-id>
    telink-local-id
  </telink-local-id>
  <telink-state>
    telink-state
  </telink-state>
  <active-reservation>
    active-reservation
  </active-reservation>
  <subscription>

```

```
    subscription
  </subscription>
  <ct-subscription>
    ct-subscription
  </ct-subscription>
  <static-bandwidth>
    static-bandwidth
  </static-bandwidth>
  <available-bandwidth>
    available-bandwidth
  </available-bandwidth>
  <max-available-bandwidth>
    max-available-bandwidth
  </max-available-bandwidth>
  <max-available-description>
    max-available-description
  </max-available-description>
  <static-bc-bandwidth>
    static-bc-bandwidth
  </static-bc-bandwidth>
  <total-reserved-bandwidth>
    total-reserved-bandwidth
  </total-reserved-bandwidth>
  <bc>
    bc
  </bc>
  <bc-description>
    bc-description
  </bc-description>
  <ct-class>
    ct-class
  </ct-class>
  <ct-bw0>
    ct-bw0
  </ct-bw0>
  <ct-bw1>
    ct-bw1
  </ct-bw1>
  <ct-bw2>
    ct-bw2
  </ct-bw2>
  <ct-bw3>
    ct-bw3
  </ct-bw3>
  <ct-bw4>
    ct-bw4
  </ct-bw4>
  <ct-bw5>
    ct-bw5
  </ct-bw5>
  <ct-bw6>
    ct-bw6
  </ct-bw6>
  <ct-bw7>
    ct-bw7
  </ct-bw7>
```

```

<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
</soft-preemption-pending>
<update-threshold>
  update-threshold
</update-threshold>
<reserved-bandwidth>....</reserved-bandwidth>
<reserved-ct-bandwidth>....</reserved-ct-bandwidth>
<detour-bandwidth>....</detour-bandwidth>
<overbooked-bandwidth>....</overbooked-bandwidth>
<overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-interface>

```

Description

<rsvp-telink>

Usage

```

<rsvp-interface-information>
<rsvp-interface>
  <rsvp-telink>
    <telink-name>
      telink-name
    </telink-name>
    <telink-local-id>
      telink-local-id
    </telink-local-id>
    <telink-state>
      telink-state
    </telink-state>
    <active-reservation>
      active-reservation
    </active-reservation>
    <subscription>
      subscription
    </subscription>
    <ct-subscription>
      ct-subscription
    </ct-subscription>
    <static-bandwidth>
      static-bandwidth
    </static-bandwidth>
    <available-bandwidth>
      available-bandwidth
    </available-bandwidth>
  </rsvp-telink>
</rsvp-interface>

```

```
<max-available-bandwidth>
  max-available-bandwidth
</max-available-bandwidth>
<max-available-description>
  max-available-description
</max-available-description>
<static-bc-bandwidth>
  static-bc-bandwidth
</static-bc-bandwidth>
<total-reserved-bandwidth>
  total-reserved-bandwidth
</total-reserved-bandwidth>
<bc>
  bc
</bc>
<bc-description>
  bc-description
</bc-description>
<ct-class>
  ct-class
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
```

```

</soft-preemption-pending>
<update-threshold>
  update-threshold
</update-threshold>
<reserved-bandwidth>....</reserved-bandwidth>
<reserved-ct-bandwidth>....</reserved-ct-bandwidth>
<detour-bandwidth>....</detour-bandwidth>
<overbooked-bandwidth>....</overbooked-bandwidth>
<overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
</rsvp-telink>
</rsvp-interface>
</rsvp-interface-information>

```

Description

<rsvp-telink>

Usage

```

<mpls-lsp-information>
  <rsvp-session-data>
    <rsvp-session>
      <rsvp-telink>
        <telink-name>
          telink-name
        </telink-name>
        <telink-local-id>
          telink-local-id
        </telink-local-id>
        <telink-state>
          telink-state
        </telink-state>
        <active-reservation>
          active-reservation
        </active-reservation>
        <subscription>
          subscription
        </subscription>
        <ct-subscription>
          ct-subscription
        </ct-subscription>
        <static-bandwidth>
          static-bandwidth
        </static-bandwidth>
        <available-bandwidth>
          available-bandwidth
        </available-bandwidth>
        <max-available-bandwidth>
          max-available-bandwidth
        </max-available-bandwidth>
        <max-available-description>
          max-available-description
        </max-available-description>
        <static-bc-bandwidth>
          static-bc-bandwidth
        </static-bc-bandwidth>

```

```
<total-reserved-bandwidth>
  total-reserved-bandwidth
</total-reserved-bandwidth>
<bc>
  bc
</bc>
<bc-description>
  bc-description
</bc-description>
<ct-class>
  ct-class
</ct-class>
<ct-bw0>
  ct-bw0
</ct-bw0>
<ct-bw1>
  ct-bw1
</ct-bw1>
<ct-bw2>
  ct-bw2
</ct-bw2>
<ct-bw3>
  ct-bw3
</ct-bw3>
<ct-bw4>
  ct-bw4
</ct-bw4>
<ct-bw5>
  ct-bw5
</ct-bw5>
<ct-bw6>
  ct-bw6
</ct-bw6>
<ct-bw7>
  ct-bw7
</ct-bw7>
<high-watermark>
  high-watermark
</high-watermark>
<preemption-count>
  preemption-count
</preemption-count>
<soft-preemption-count>
  soft-preemption-count
</soft-preemption-count>
<soft-preemption-pending>
  soft-preemption-pending
</soft-preemption-pending>
<update-threshold>
  update-threshold
</update-threshold>
<reserved-bandwidth>....</reserved-bandwidth>
<reserved-ct-bandwidth>....</reserved-ct-bandwidth>
<detour-bandwidth>....</detour-bandwidth>
<overbooked-bandwidth>....</overbooked-bandwidth>
<overbooked-ct-bandwidth>....</overbooked-ct-bandwidth>
```

```

    </rsvp-telink>
  </rsvp-session>
</rsvp-session-data>
</mpls-lsp-information>

```

Description

<rsvp-version>

Usage

```

<rsvp-version>
  <rsvp-status>
    rsvp-status
  </rsvp-status>
  <rsvp-restart-flag>
    rsvp-restart-flag
  </rsvp-restart-flag>
  <refresh-timer>
    refresh-timer
  </refresh-timer>
  <keep-multiplier>
    keep-multiplier
  </keep-multiplier>
  <preemption-type>
    preemption-type
  </preemption-type>
  <soft-preemption-cleanup-timer>
    soft-preemption-cleanup-timer
  </soft-preemption-cleanup-timer>
  <graceful-deletion-timeout>
    graceful-deletion-timeout
  </graceful-deletion-timeout>
  <rsvp-nsr-mode>
    rsvp-nsr-mode
  </rsvp-nsr-mode>
  <rsvp-nsr-state>
    rsvp-nsr-state
  </rsvp-nsr-state>
  <rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-version>

```

Description

<rsvp-version>

Usage

```

<rsvp-version-information>
  <rsvp-version>
    <rsvp-status>
      rsvp-status
    </rsvp-status>
    <rsvp-restart-flag>
      rsvp-restart-flag
    </rsvp-restart-flag>

```

```
<refresh-timer>
  refresh-timer
</refresh-timer>
<keep-multiplier>
  keep-multiplier
</keep-multiplier>
<preemption-type>
  preemption-type
</preemption-type>
<soft-preemption-cleanup-timer>
  soft-preemption-cleanup-timer
</soft-preemption-cleanup-timer>
<graceful-deletion-timeout>
  graceful-deletion-timeout
</graceful-deletion-timeout>
<rsvp-nsr-mode>
  rsvp-nsr-mode
</rsvp-nsr-mode>
<rsvp-nsr-state>
  rsvp-nsr-state
</rsvp-nsr-state>
<rsvp-graceful-restart>....</rsvp-graceful-restart>
</rsvp-version>
</rsvp-version-information>
```

Description

<rsvp-version-information>

Usage

```
<rsvp-version-information>
  <rsvp-version>....</rsvp-version>
</rsvp-version-information>
```

Description

<rt>

Usage

```
<route-information>
  <route-table>
    <rt>
      <rt-destination>
        rt-destination
      </rt-destination>
      <rt-prefix-length>
        rt-prefix-length
      </rt-prefix-length>
      <rt-entry-count>
        rt-entry-count
      </rt-entry-count>
      <rt-announced-count>
        rt-announced-count
      </rt-announced-count>
```



```

<rt-state>
  rt-state
</rt-state>
<rt-entry>....</rt-entry>
<tsi>
  tsi
</tsi>
<communities>....</communities>
</rt>
</route-table>
</route-information>

```

Description

<rt>

Usage

```

<route-summary-information>
<route-table>
  <rt>
    <rt-destination>
      rt-destination
    </rt-destination>
    <rt-prefix-length>
      rt-prefix-length
    </rt-prefix-length>
    <rt-entry-count>
      rt-entry-count
    </rt-entry-count>
    <rt-announced-count>
      rt-announced-count
    </rt-announced-count>
    <rt-state>
      rt-state
    </rt-state>
    <rt-entry>....</rt-entry>
    <tsi>
      tsi
    </tsi>
    <communities>....</communities>
  </rt>
</route-table>
</route-summary-information>

```

Description

<rt-entry>

Usage

```

<route-information>
<route-table>
  <rt>
    <rt-entry>
      <active-tag>

```

```
    active-tag
  </active-tag>
  <last-active>
    last-active
  </last-active>
  <current-active>
    current-active
  </current-active>
  <protocol-name>
    protocol-name
  </protocol-name>
  <preference>
    preference
  </preference>
  <preference2>
    preference2
  </preference2>
  <route-distinguisher>
    route-distinguisher
  </route-distinguisher>
  <pmsi>
    pmsi
  </pmsi>
  <color>
    color
  </color>
  <rt-isis-level>
    rt-isis-level
  </rt-isis-level>
  <color2>
    color2
  </color2>
  <rt-isis-downbit>
    rt-isis-downbit
  </rt-isis-downbit>
  <age>
    age
  </age>
  <metric>
    metric
  </metric>
  <metric2>
    metric2
  </metric2>
  <med-plus-igp>
    med-plus-igp
  </med-plus-igp>
  <rt-tag>
    rt-tag
  </rt-tag>
  <rt-tag2>
    rt-tag2
  </rt-tag2>
  <rt-ospf-area>
    rt-ospf-area
  </rt-ospf-area>
```

```
<learned-from>
  learned-from
</learned-from>
<peer-as>
  peer-as
</peer-as>
<local-as>
  local-as
</local-as>
<rt-entry-state>
  rt-entry-state
</rt-entry-state>
<inactive-reason>
  inactive-reason
</inactive-reason>
<task-name>
  task-name
</task-name>
<announce-bits>
  announce-bits
</announce-bits>
<announce-tasks>
  announce-tasks
</announce-tasks>
<bgp-rt-flag>
  bgp-rt-flag
</bgp-rt-flag>
<label-base>
  label-base
</label-base>
<label-range>
  label-range
</label-range>
<l2vpn-status-vector>
  l2vpn-status-vector
</l2vpn-status-vector>
<vc-label>
  vc-label
</vc-label>
<mtu>
  mtu
</mtu>
<cell-bundle-size>
  cell-bundle-size
</cell-bundle-size>
<vlan-id>
  vlan-id
</vlan-id>
<tdm-payload-size>
  tdm-payload-size
</tdm-payload-size>
<tdm-bitrate>
  tdm-bitrate
</tdm-bitrate>
<pw-status-code>
  pw-status-code
```

```
</pw-status-code>
<connection-bandwidth>....</connection-bandwidth>
<cac-bandwidth-failure>
  cac-bandwidth-failure
</cac-bandwidth-failure>
<context-id>
  context-id
</context-id>
<route-control-word>
  route-control-word
</route-control-word>
<vpn-label>
  vpn-label
</vpn-label>
<route-label>
  route-label
</route-label>
<bgp-no-label-reason>
  bgp-no-label-reason
</bgp-no-label-reason>
<rtd-flow-dep>....</rtd-flow-dep>
<as-path>
  as-path
</as-path>
<communities>....</communities>
<helper-nhid>
  helper-nhid
</helper-nhid>
<helper-refcount>
  helper-refcount
</helper-refcount>
<bgp-metric-flags>
  bgp-metric-flags
</bgp-metric-flags>
<local-preference>
  local-preference
</local-preference>
<med>
  med
</med>
<peer-id>
  peer-id
</peer-id>
<cluster-id>
  cluster-id
</cluster-id>
<path-id>
  path-id
</path-id>
<originator>
  originator
</originator>
<attrset>....</attrset>
<bgp-group-name>
  bgp-group-name
</bgp-group-name>
```

```

<deleted>
  deleted
</deleted>
<route-flap-damping>....</route-flap-damping>
<aggregate>....</aggregate>
<gateway>
  gateway
</gateway>
<indirect-nh-count>
  indirect-nh-count
</indirect-nh-count>
<composite-nh-count>
  composite-nh-count
</composite-nh-count>
<nh-type>
  nh-type
</nh-type>
<nh-index>
  nh-index
</nh-index>
<nh-reference-count>
  nh-reference-count
</nh-reference-count>
<nh-kernel-id>
  nh-kernel-id
</nh-kernel-id>
<ext-int-intf-index>
  ext-int-intf-index
</ext-int-intf-index>
<nh-flood-overflow>
  nh-flood-overflow
</nh-flood-overflow>
<nh>....</nh>
<protocol-nh>....</protocol-nh>
<rtrib-primary>
  rtrib-primary
</rtrib-primary>
<rtrib-secondary>
  rtrib-secondary
</rtrib-secondary>
<backup-pe-group-name>
  backup-pe-group-name
</backup-pe-group-name>
<designated-forwarder>
  designated-forwarder
</designated-forwarder>
</rt-entry>
</rt>
</route-table>
</route-information>

```

Description

<rt-entry>

Usage

```
<route-summary-information>
<route-table>
  <rt>
    <rt-entry>
      <active-tag>
        active-tag
      </active-tag>
      <last-active>
        last-active
      </last-active>
      <current-active>
        current-active
      </current-active>
      <protocol-name>
        protocol-name
      </protocol-name>
      <preference>
        preference
      </preference>
      <preference2>
        preference2
      </preference2>
      <route-distinguisher>
        route-distinguisher
      </route-distinguisher>
      <pmsi>
        pmsi
      </pmsi>
      <color>
        color
      </color>
      <rt-isis-level>
        rt-isis-level
      </rt-isis-level>
      <color2>
        color2
      </color2>
      <rt-isis-downbit>
        rt-isis-downbit
      </rt-isis-downbit>
      <age>
        age
      </age>
      <metric>
        metric
      </metric>
      <metric2>
        metric2
      </metric2>
      <med-plus-igp>
        med-plus-igp
      </med-plus-igp>
```

```
<rt-tag>
  rt-tag
</rt-tag>
<rt-tag2>
  rt-tag2
</rt-tag2>
<rt-ospf-area>
  rt-ospf-area
</rt-ospf-area>
<learned-from>
  learned-from
</learned-from>
<peer-as>
  peer-as
</peer-as>
<local-as>
  local-as
</local-as>
<rt-entry-state>
  rt-entry-state
</rt-entry-state>
<inactive-reason>
  inactive-reason
</inactive-reason>
<task-name>
  task-name
</task-name>
<announce-bits>
  announce-bits
</announce-bits>
<announce-tasks>
  announce-tasks
</announce-tasks>
<bgp-rt-flag>
  bgp-rt-flag
</bgp-rt-flag>
<label-base>
  label-base
</label-base>
<label-range>
  label-range
</label-range>
<l2vpn-status-vector>
  l2vpn-status-vector
</l2vpn-status-vector>
<vc-label>
  vc-label
</vc-label>
<mtu>
  mtu
</mtu>
<cell-bundle-size>
  cell-bundle-size
</cell-bundle-size>
<vlan-id>
  vlan-id
```

```
</vlan-id>
<tdm-payload-size>
  tdm-payload-size
</tdm-payload-size>
<tdm-bitrate>
  tdm-bitrate
</tdm-bitrate>
<pw-status-code>
  pw-status-code
</pw-status-code>
<connection-bandwidth>....</connection-bandwidth>
<cac-bandwidth-failure>
  cac-bandwidth-failure
</cac-bandwidth-failure>
<context-id>
  context-id
</context-id>
<route-control-word>
  route-control-word
</route-control-word>
<vpn-label>
  vpn-label
</vpn-label>
<route-label>
  route-label
</route-label>
<bgp-no-label-reason>
  bgp-no-label-reason
</bgp-no-label-reason>
<rtd-flow-dep>....</rtd-flow-dep>
<as-path>
  as-path
</as-path>
<communities>....</communities>
<helper-nhid>
  helper-nhid
</helper-nhid>
<helper-refcount>
  helper-refcount
</helper-refcount>
<bgp-metric-flags>
  bgp-metric-flags
</bgp-metric-flags>
<local-preference>
  local-preference
</local-preference>
<med>
  med
</med>
<peer-id>
  peer-id
</peer-id>
<cluster-id>
  cluster-id
</cluster-id>
<path-id>
```



```
    path-id
  </path-id>
  <originator>
    originator
  </originator>
  <attrset>....</attrset>
  <bgp-group-name>
    bgp-group-name
  </bgp-group-name>
  <deleted>
    deleted
  </deleted>
  <route-flap-damping>....</route-flap-damping>
  <aggregate>....</aggregate>
  <gateway>
    gateway
  </gateway>
  <indirect-nh-count>
    indirect-nh-count
  </indirect-nh-count>
  <composite-nh-count>
    composite-nh-count
  </composite-nh-count>
  <nh-type>
    nh-type
  </nh-type>
  <nh-index>
    nh-index
  </nh-index>
  <nh-reference-count>
    nh-reference-count
  </nh-reference-count>
  <nh-kernel-id>
    nh-kernel-id
  </nh-kernel-id>
  <ext-int-intf-index>
    ext-int-intf-index
  </ext-int-intf-index>
  <nh-flood-overflow>
    nh-flood-overflow
  </nh-flood-overflow>
  <nh>....</nh>
  <protocol-nh>....</protocol-nh>
  <rtrib-primary>
    rtrib-primary
  </rtrib-primary>
  <rtrib-secondary>
    rtrib-secondary
  </rtrib-secondary>
  <backup-pe-group-name>
    backup-pe-group-name
  </backup-pe-group-name>
  <designated-forwarder>
    designated-forwarder
  </designated-forwarder>
</rt-entry>
```

```
</rt>
</route-table>
</route-summary-information>
```

Description

<rt-martians>

Usage

```
<route-information>
  <rt-martians>
    <rt-martian-table-name>
      rt-martian-table-name
    </rt-martian-table-name>
    <route-filter>....</route-filter>
  </rt-martians>
</route-information>
```

Description

<rt-ribgroup>

Usage

```
<route-information>
  <rt-ribgroup>
    <rt-ribgroup-name>
      rt-ribgroup-name
    </rt-ribgroup-name>
    <rt-ribgroup-address>
      rt-ribgroup-address
    </rt-ribgroup-address>
    <rt-ribgroup-flags>
      rt-ribgroup-flags
    </rt-ribgroup-flags>
    <rt-ribgroup-address-family>
      rt-ribgroup-address-family
    </rt-ribgroup-address-family>
    <rt-ribgroup-refcount>
      rt-ribgroup-refcount
    </rt-ribgroup-refcount>
    <rt-ribgroup-export-name>
      rt-ribgroup-export-name
    </rt-ribgroup-export-name>
    <rt-ribgroup-import-name>
      rt-ribgroup-import-name
    </rt-ribgroup-import-name>
    <rt-ribgroup-import-policy-name>
      rt-ribgroup-import-policy-name
    </rt-ribgroup-import-policy-name>
    <rt-ribgroup-import-secondary-name>
      rt-ribgroup-import-secondary-name
    </rt-ribgroup-import-secondary-name>
    <rt-ribgroup-union-head-name>
      rt-ribgroup-union-head-name
    </rt-ribgroup-union-head-name>
  </rt-ribgroup>
</route-information>
```

```

</rt-ribgroup-union-head-name>
<rt-ribgroup-union-child-name>
  rt-ribgroup-union-child-name
</rt-ribgroup-union-child-name>
</rt-ribgroup>
</route-information>

```

Description

<rt-test-policy>

Usage

```

<route-information>
  <rt-test-policy>
    <rt-policy-name>
      rt-policy-name
    </rt-policy-name>
    <rt-route-accepted>
      rt-route-accepted
    </rt-route-accepted>
    <rt-route-rejected>
      rt-route-rejected
    </rt-route-rejected>
  </rt-test-policy>
</route-information>

```

Description

<rt-test-policy-prefix>

Usage

```

<route-information>
  <rt-test-policy-prefix>
    <rt-policy-name>
      rt-policy-name
    </rt-policy-name>
    <rt-destination>
      rt-destination
    </rt-destination>
    <rt-prefix-length>
      rt-prefix-length
    </rt-prefix-length>
    <rt-test-policy-term>....</rt-test-policy-term>
  </rt-test-policy-prefix>
</route-information>

```

Description

<rt-test-policy-term>

Usage

```

<route-information>
  <rt-test-policy-prefix>
    <rt-test-policy-term>

```

```
<rt-policy-term-name>
  rt-policy-term-name
</rt-policy-term-name>
<rt-policy-term-result>
  rt-policy-term-result
</rt-policy-term-result>
<rt-policy-term-action>
  rt-policy-term-action
</rt-policy-term-action>
</rt-test-policy-term>
</rt-test-policy-prefix>
</route-information>
```

Description

<rtd-flow-dep>

Usage

```
<route-information>
<route-table>
  <rt>
    <rt-entry>
      <rtd-flow-dep>
        <flow-origin>
          flow-origin
        </flow-origin>
        <flow-dep-state>
          flow-dep-state
        </flow-dep-state>
        <flow-ucast-rt>....</flow-ucast-rt>
      </rtd-flow-dep>
    </rt-entry>
  </rt>
</route-table>
</route-information>
```

Description

<rtd-flow-dep>

Usage

```
<route-summary-information>
<route-table>
  <rt>
    <rt-entry>
      <rtd-flow-dep>
        <flow-origin>
          flow-origin
        </flow-origin>
        <flow-dep-state>
          flow-dep-state
        </flow-dep-state>
        <flow-ucast-rt>....</flow-ucast-rt>
      </rtd-flow-dep>
```

```
</rt-entry>
</rt>
</route-table>
</route-summary-information>
```

Description

<rte-instance>

Usage

```
<rte-instance>
  <instance-name>
    instance-name
  </instance-name>
  <rte-instance-type>
    rte-instance-type
  </rte-instance-type>
  <instance-flags>
    instance-flags
  </instance-flags>
  <instance-options>
    instance-options
  </instance-options>
  <import-policy>
    import-policy
  </import-policy>
  <export-policy>
    export-policy
  </export-policy>
</rte-instance>
```

Description

<rte-instance>

Usage

```
<rtexport-table-information>
  <rte-instance>
    <instance-name>
      instance-name
    </instance-name>
    <rte-instance-type>
      rte-instance-type
    </rte-instance-type>
    <instance-flags>
      instance-flags
    </instance-flags>
    <instance-options>
      instance-options
    </instance-options>
    <import-policy>
      import-policy
    </import-policy>
    <export-policy>
```

```
    export-policy
  </export-policy>
</rte-instance>
</rtexport-table-information>
```

Description

<rte-table>

Usage

```
<rte-table>
  <table-name>
    table-name
  </table-name>
  <table-export-on>
    table-export-on
  </table-export-on>
  <import-list>
    import-list
  </import-list>
  <table-flags>
    table-flags
  </table-flags>
  <table-usage>
    table-usage
  </table-usage>
</rte-table>
```

Description

<rte-table>

Usage

```
<rtexport-table-information>
  <rte-table>
    <table-name>
      table-name
    </table-name>
    <table-export-on>
      table-export-on
    </table-export-on>
    <import-list>
      import-list
    </import-list>
    <table-flags>
      table-flags
    </table-flags>
    <table-usage>
      table-usage
    </table-usage>
  </rte-table>
</rtexport-table-information>
```

Description

<rte-target>

Usage

```

<rte-target>
  <target-string>
    target-string
  </target-string>
  <family>
    family
  </family>
  <subaf>
    subaf
  </subaf>
  <import-count>
    import-count
  </import-count>
  <export-count>
    export-count
  </export-count>
  <import-list>
    import-list
  </import-list>
  <export-list>
    export-list
  </export-list>
</rte-target>

```

Description

<rte-target>

Usage

```

<rtexport-table-information>
  <rte-target>
    <target-string>
      target-string
    </target-string>
    <family>
      family
    </family>
    <subaf>
      subaf
    </subaf>
    <import-count>
      import-count
    </import-count>
    <export-count>
      export-count
    </export-count>
    <import-list>
      import-list
    </import-list>
    <export-list>

```

```
    export-list
  </export-list>
</rte-target>
</rtexport-table-information>
```

Description**<rtexport-table-information>****Usage**

```
<rtexport-table-information>
  <rte-table>....</rte-table>
  <rte-target>....</rte-target>
  <rte-instance>....</rte-instance>
</rtexport-table-information>
```

Description Operational information policy-based instance export

<rtflow-dep-information>**Usage**

```
<rtflow-dep-information>
  <rtflow-dep-table>....</rtflow-dep-table>
</rtflow-dep-information>
```

Description Operational information on flow route validation

<rtflow-dep-table>**Usage**

```
<rtflow-dep-information>
  <rtflow-dep-table>
    <table-name>
      table-name
    </table-name>
    <fdep-node>....</fdep-node>
  </rtflow-dep-table>
</rtflow-dep-information>
```

Description**<sap-listen>****Usage**

```
<sap-listen-information>
  <sap-listen>
    <sap-listen-group>
      sap-listen-group
    </sap-listen-group>
    <sap-listen-port>
      sap-listen-port
    </sap-listen-port>
  </sap-listen>
</sap-listen-information>
```



```
    </sap-listen-port>
  </sap-listen>
</sap-listen-information>
```

Description

<sap-listen-information>

Usage

```
<sap-listen-information>
  <sap-listen>....</sap-listen>
</sap-listen-information>
```

Description

<session-connection-data>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-connection-data>
      <session-address>
        session-address
      </session-address>
      <session-ttl>
        session-ttl
      </session-ttl>
      <session-layers>
        session-layers
      </session-layers>
    </session-connection-data>
  </multicast-session>
</multicast-sessions-information>
```

Description

<session-origin>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-origin>
      <session-originator-username>
        session-originator-username
      </session-originator-username>
      <session-originator-address>
        session-originator-address
      </session-originator-address>
    </session-origin>
  </multicast-session>
</multicast-sessions-information>
```

Description

<source-family>

Usage

```
<pim-source-information>
  <source-family>
    <pim-instance>
      pim-instance
    </pim-instance>
    <address-family>
      address-family
    </address-family>
    <pim-source>....</pim-source>
  </source-family>
</pim-source-information>
```

Description

<sparse-downstream-interface>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <sparse-downstream-interface>
        <pim-interface-name>
          pim-interface-name
        </pim-interface-name>
        <register-rp>
          register-rp
        </register-rp>
        <register-interface-name>
          register-interface-name
        </register-interface-name>
        <pim-interface-state>
          pim-interface-state
        </pim-interface-state>
        <pim-pseudo-downstream-interface-name>
          pim-pseudo-downstream-interface-name
        </pim-pseudo-downstream-interface-name>
        <downstream-neighbor>....</downstream-neighbor>
        <downstream-assert-neighbor>....</downstream-assert-neighbor>
      </sparse-downstream-interface>
    </join-group>
  </join-family>
</pim-join-information>
```

Description

<statistics-family>

Usage

```
<pim-statistics-information>
  <statistics-family>
```

```

    <pim-instance>
      pim-instance
    </pim-instance>
    <address-family>
      address-family
    </address-family>
    <pim-statistics-interface>....</pim-statistics-interface>
  </statistics-family>
</pim-statistics-information>

```

Description

<switching-capability-descriptor>

Usage

```

<switching-capability-descriptor>
  <encoding-type>
    encoding-type
  </encoding-type>
  <switching-type>
    switching-type
  </switching-type>
  <maximum-lsp-bw0>
    maximum-lsp-bw0
  </maximum-lsp-bw0>
  <maximum-lsp-bw1>
    maximum-lsp-bw1
  </maximum-lsp-bw1>
  <maximum-lsp-bw2>
    maximum-lsp-bw2
  </maximum-lsp-bw2>
  <maximum-lsp-bw3>
    maximum-lsp-bw3
  </maximum-lsp-bw3>
  <maximum-lsp-bw4>
    maximum-lsp-bw4
  </maximum-lsp-bw4>
  <maximum-lsp-bw5>
    maximum-lsp-bw5
  </maximum-lsp-bw5>
  <maximum-lsp-bw6>
    maximum-lsp-bw6
  </maximum-lsp-bw6>
  <maximum-lsp-bw7>
    maximum-lsp-bw7
  </maximum-lsp-bw7>
  <minimum-lsp-bw>
    minimum-lsp-bw
  </minimum-lsp-bw>
  <mtu>
    mtu
  </mtu>
  <tdm-indication>
    tdm-indication
  </tdm-indication>

```

</switching-capability-descriptor>

Description Switching capability of an interface

<switching-capability-descriptor>

Usage

```
<ted-link>
  <switching-capability-descriptor>
    <encoding-type>
      encoding-type
    </encoding-type>
    <switching-type>
      switching-type
    </switching-type>
    <maximum-lsp-bw0>
      maximum-lsp-bw0
    </maximum-lsp-bw0>
    <maximum-lsp-bw1>
      maximum-lsp-bw1
    </maximum-lsp-bw1>
    <maximum-lsp-bw2>
      maximum-lsp-bw2
    </maximum-lsp-bw2>
    <maximum-lsp-bw3>
      maximum-lsp-bw3
    </maximum-lsp-bw3>
    <maximum-lsp-bw4>
      maximum-lsp-bw4
    </maximum-lsp-bw4>
    <maximum-lsp-bw5>
      maximum-lsp-bw5
    </maximum-lsp-bw5>
    <maximum-lsp-bw6>
      maximum-lsp-bw6
    </maximum-lsp-bw6>
    <maximum-lsp-bw7>
      maximum-lsp-bw7
    </maximum-lsp-bw7>
    <minimum-lsp-bw>
      minimum-lsp-bw
    </minimum-lsp-bw>
    <mtu>
      mtu
    </mtu>
    <tdm-indication>
      tdm-indication
    </tdm-indication>
  </switching-capability-descriptor>
</ted-link>
```

Description Switching capability of an interface

<switching-capability-descriptor>

Usage

```

<ted-database>
  <ted-link>
    <switching-capability-descriptor>
      <encoding-type>
        encoding-type
      </encoding-type>
      <switching-type>
        switching-type
      </switching-type>
      <maximum-lsp-bw0>
        maximum-lsp-bw0
      </maximum-lsp-bw0>
      <maximum-lsp-bw1>
        maximum-lsp-bw1
      </maximum-lsp-bw1>
      <maximum-lsp-bw2>
        maximum-lsp-bw2
      </maximum-lsp-bw2>
      <maximum-lsp-bw3>
        maximum-lsp-bw3
      </maximum-lsp-bw3>
      <maximum-lsp-bw4>
        maximum-lsp-bw4
      </maximum-lsp-bw4>
      <maximum-lsp-bw5>
        maximum-lsp-bw5
      </maximum-lsp-bw5>
      <maximum-lsp-bw6>
        maximum-lsp-bw6
      </maximum-lsp-bw6>
      <maximum-lsp-bw7>
        maximum-lsp-bw7
      </maximum-lsp-bw7>
      <minimum-lsp-bw>
        minimum-lsp-bw
      </minimum-lsp-bw>
      <mtu>
        mtu
      </mtu>
      <tdm-indication>
        tdm-indication
      </tdm-indication>
    </switching-capability-descriptor>
  </ted-link>
</ted-database>

```

Description Switching capability of an interface

<switching-capability-descriptor>

Usage

```
<ted-database-information>
  <ted-database>
    <ted-link>
      <switching-capability-descriptor>
        <encoding-type>
          encoding-type
        </encoding-type>
        <switching-type>
          switching-type
        </switching-type>
        <maximum-lsp-bw0>
          maximum-lsp-bw0
        </maximum-lsp-bw0>
        <maximum-lsp-bw1>
          maximum-lsp-bw1
        </maximum-lsp-bw1>
        <maximum-lsp-bw2>
          maximum-lsp-bw2
        </maximum-lsp-bw2>
        <maximum-lsp-bw3>
          maximum-lsp-bw3
        </maximum-lsp-bw3>
        <maximum-lsp-bw4>
          maximum-lsp-bw4
        </maximum-lsp-bw4>
        <maximum-lsp-bw5>
          maximum-lsp-bw5
        </maximum-lsp-bw5>
        <maximum-lsp-bw6>
          maximum-lsp-bw6
        </maximum-lsp-bw6>
        <maximum-lsp-bw7>
          maximum-lsp-bw7
        </maximum-lsp-bw7>
        <minimum-lsp-bw>
          minimum-lsp-bw
        </minimum-lsp-bw>
        <mtu>
          mtu
        </mtu>
        <tdm-indication>
          tdm-indication
        </tdm-indication>
      </switching-capability-descriptor>
    </ted-link>
  </ted-database>
</ted-database-information>
```

Description Switching capability of an interface

<switching-capability-descriptor>

Usage

```

<ted-link-information>
  <ted-link>
    <switching-capability-descriptor>
      <encoding-type>
        encoding-type
      </encoding-type>
      <switching-type>
        switching-type
      </switching-type>
      <maximum-lsp-bw0>
        maximum-lsp-bw0
      </maximum-lsp-bw0>
      <maximum-lsp-bw1>
        maximum-lsp-bw1
      </maximum-lsp-bw1>
      <maximum-lsp-bw2>
        maximum-lsp-bw2
      </maximum-lsp-bw2>
      <maximum-lsp-bw3>
        maximum-lsp-bw3
      </maximum-lsp-bw3>
      <maximum-lsp-bw4>
        maximum-lsp-bw4
      </maximum-lsp-bw4>
      <maximum-lsp-bw5>
        maximum-lsp-bw5
      </maximum-lsp-bw5>
      <maximum-lsp-bw6>
        maximum-lsp-bw6
      </maximum-lsp-bw6>
      <maximum-lsp-bw7>
        maximum-lsp-bw7
      </maximum-lsp-bw7>
      <minimum-lsp-bw>
        minimum-lsp-bw
      </minimum-lsp-bw>
      <mtu>
        mtu
      </mtu>
      <tdm-indication>
        tdm-indication
      </tdm-indication>
    </switching-capability-descriptor>
  </ted-link>
</ted-link-information>

```

Description Switching capability of an interface

<task>

Usage

```
<task-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-no-information>
      task-no-information
    </task-no-information>
    <task-timer>....</task-timer>
  </task>
</task-information>
```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-no-information>
      task-no-information
    </task-no-information>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
```



```

<tb-terse-debug>
  tb-terse-debug
</tb-terse-debug>
<tb-alloc-blocks>
  tb-alloc-blocks
</tb-alloc-blocks>
<tb-alloc-bytes>
  tb-alloc-bytes
</tb-alloc-bytes>
<tb-max-alloc-blocks>
  tb-max-alloc-blocks
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>

```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
        </tb-max-alloc-blocks>
        <tb-max-alloc-bytes>

```

```
        tb-max-alloc-bytes
      </tb-max-alloc-bytes>
    </task-block>
  </task-block-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-information>

Usage

```
<task-information>
  <task>....</task>
</task-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>
```

```

</tlp-alloc-bytes>
<tlp-max-alloc-pages>
  tlp-max-alloc-pages
</tlp-max-alloc-pages>
<tlp-max-alloc-bytes>
  tlp-max-alloc-bytes
</tlp-max-alloc-bytes>
</task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page-list>

Usage

```

<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page-list>

Usage

```

<task-memory-information>

```

```
<task-memory-allocator-report>
  <task-lite-page-list>
    <task-lite-page>....</task-lite-page>
  </task-lite-page-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
```

```

        tm-max-allocs
      </tm-max-allocs>
      <tm-max-alloc-bytes>
        tm-max-alloc-bytes
      </tm-max-alloc-bytes>
      <tm-function-calls>
        tm-function-calls
      </tm-function-calls>
    </task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
  </task-memory-dynamic-allocs>
  <task-memory-max-dynamic-allocs>
    task-memory-max-dynamic-allocs
  </task-memory-max-dynamic-allocs>
  <task-memory-bss-bytes>
    task-memory-bss-bytes
  </task-memory-bss-bytes>
  <task-memory-max-bss-bytes>
    task-memory-max-bss-bytes
  </task-memory-max-bss-bytes>
  <task-memory-page-data-bytes>
    task-memory-page-data-bytes
  </task-memory-page-data-bytes>
  <task-memory-max-page-data-bytes>
    task-memory-max-page-data-bytes
  </task-memory-max-page-data-bytes>
  <task-memory-dir-bytes>
    task-memory-dir-bytes
  </task-memory-dir-bytes>
  <task-memory-max-dir-bytes>
    task-memory-max-dir-bytes
  </task-memory-max-dir-bytes>
  <task-memory-total-bytes-in-use>
    task-memory-total-bytes-in-use
  </task-memory-total-bytes-in-use>
  <task-memory-total-bytes-percent>
    task-memory-total-bytes-percent
```

```

    </task-memory-total-bytes-percent>
  </task-memory-information>

```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>

```

```
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
        <tms-max-allocs>
          tms-max-allocs
        </tms-max-allocs>
        <tms-max-bytes>
          tms-max-bytes
        </tms-max-bytes>
        <tms-free-bytes>
          tms-free-bytes
        </tms-free-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-replication-state>

Usage

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
  <task-protocol-replication-state>
    task-protocol-replication-state
  </task-protocol-replication-state>
  <task-protocol-replication-name>
    task-protocol-replication-name
  </task-protocol-replication-name>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>

Usage

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
  </task-size-block>
</task-size-block-list>

```

```
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
<task-memory-overall-report>
  <task-size-block-list>
    <task-size-block>
      <tsb-size>
        tsb-size
      </tsb-size>
      <tsb-terse-transient>
        tsb-terse-transient
      </tsb-terse-transient>
      <tsb-terse-fullpage>
        tsb-terse-fullpage
      </tsb-terse-fullpage>
      <tsb-allocs>
        tsb-allocs
      </tsb-allocs>
      <tsb-mallocs>
        tsb-mallocs
      </tsb-mallocs>
      <tsb-alloc-bytes>
        tsb-alloc-bytes
      </tsb-alloc-bytes>
      <tsb-max-allocs>
        tsb-max-allocs
      </tsb-max-allocs>
      <tsb-max-bytes>
        tsb-max-bytes
      </tsb-max-bytes>
      <tsb-free-bytes>
        tsb-free-bytes
      </tsb-free-bytes>
    </task-size-block>
  </task-size-block-list>
</task-memory-overall-report>
```

</task-memory-information>

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-timer>

Usage

```
<task-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
      <timer-jitter>
        timer-jitter
      </timer-jitter>
      <timer-interval>
        timer-interval
      </timer-interval>
      <timer-flags>
        timer-flags
      </timer-flags>
    </task-timer>
  </task>
</task-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
      <timer-jitter>
        timer-jitter
      </timer-jitter>
      <timer-interval>
        timer-interval
      </timer-interval>
      <timer-flags>
        timer-flags
      </timer-flags>
    </task-timer>
  </task>
```

</task-timer-information>

Description

<task-timer-information>

Usage

```
<task-timer-information>
  <task>....</task>
</task-timer-information>
```

Description

<te-class-map>

Usage

```
<te-class-map>
  <te-class>
    te-class
  </te-class>
  <traffic-class>
    traffic-class
  </traffic-class>
  <te-prio>
    te-prio
  </te-prio>
</te-class-map>
```

Description

<te-class-map>

Usage

```
<mpls-diffserv-te-information>
  <te-class-map>
    <te-class>
      te-class
    </te-class>
    <traffic-class>
      traffic-class
    </traffic-class>
    <te-prio>
      te-prio
    </te-prio>
  </te-class-map>
</mpls-diffserv-te-information>
```

Description

<te-subtlv>

Usage

<te-subtlv>

```
<tlv-type-name>
  tlv-type-name
</tlv-type-name>
<tlv-type-value>
  tlv-type-value
</tlv-type-value>
<tlv-length>
  tlv-length
</tlv-length>
<bytes-left>
  bytes-left
</bytes-left>
<formatted-tlv-data>
  formatted-tlv-data
</formatted-tlv-data>
</te-subtlv>
```

Description

<te-subtlv>

Usage

```
<ospf-opaque-area-lsa>
  <te-subtlv>
    <tlv-type-name>
      tlv-type-name
    </tlv-type-name>
    <tlv-type-value>
      tlv-type-value
    </tlv-type-value>
    <tlv-length>
      tlv-length
    </tlv-length>
    <bytes-left>
      bytes-left
    </bytes-left>
    <formatted-tlv-data>
      formatted-tlv-data
    </formatted-tlv-data>
  </te-subtlv>
</ospf-opaque-area-lsa>
```

Description

<te-subtlv>

Usage

```
<ospf-database>
  <ospf-opaque-area-lsa>
    <te-subtlv>
      <tlv-type-name>
        tlv-type-name
      </tlv-type-name>
      <tlv-type-value>
```

```

        tlv-type-value
      </tlv-type-value>
    <tlv-length>
      tlv-length
    </tlv-length>
    <bytes-left>
      bytes-left
    </bytes-left>
    <formatted-tlv-data>
      formatted-tlv-data
    </formatted-tlv-data>
  </te-subtlv>
</ospf-opaque-area-lsa>
</ospf-database>

```

Description

<te-subtlv>

Usage

```

<ospf-database-information>
  <ospf-database>
    <ospf-opaque-area-lsa>
      <te-subtlv>
        <tlv-type-name>
          tlv-type-name
        </tlv-type-name>
        <tlv-type-value>
          tlv-type-value
        </tlv-type-value>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
        <formatted-tlv-data>
          formatted-tlv-data
        </formatted-tlv-data>
      </te-subtlv>
    </ospf-opaque-area-lsa>
  </ospf-database>
</ospf-database-information>

```

Description

<ted-database>

Usage

```

<ted-database>
  <ted-database-id>
    ted-database-id
  </ted-database-id>
  <ted-database-id-overload>

```

```
    ted-database-id-overload
  </ted-database-id-overload>
  <ted-database-type>
    ted-database-type
  </ted-database-type>
  <ted-database-age>
    ted-database-age
  </ted-database-age>
  <ted-database-link-in>
    ted-database-link-in
  </ted-database-link-in>
  <ted-database-link-out>
    ted-database-link-out
  </ted-database-link-out>
  <ted-database-protocol>
    ted-database-protocol
  </ted-database-protocol>
  <ted-link>....</ted-link>
  <ted-database-lcl-addr>....</ted-database-lcl-addr>
</ted-database>
```

Description MPLS traffic engineering database

<ted-database>

Usage

```
<ted-database-information>
  <ted-database>
    <ted-database-id>
      ted-database-id
    </ted-database-id>
    <ted-database-id-overload>
      ted-database-id-overload
    </ted-database-id-overload>
    <ted-database-type>
      ted-database-type
    </ted-database-type>
    <ted-database-age>
      ted-database-age
    </ted-database-age>
    <ted-database-link-in>
      ted-database-link-in
    </ted-database-link-in>
    <ted-database-link-out>
      ted-database-link-out
    </ted-database-link-out>
    <ted-database-protocol>
      ted-database-protocol
    </ted-database-protocol>
    <ted-link>....</ted-link>
    <ted-database-lcl-addr>....</ted-database-lcl-addr>
  </ted-database>
</ted-database-information>
```


Description MPLS traffic engineering database

<ted-database-information>

Usage

```
<ted-database-information>
  <ted-database-summary>....</ted-database-summary>
  <ted-database>....</ted-database>
</ted-database-information>
```

Description

<ted-database-lcl-addr>

Usage

```
<ted-database-lcl-addr>
  <ted-lcl-addr>
    ted-lcl-addr
  </ted-lcl-addr>
</ted-database-lcl-addr>
```

Description

<ted-database-lcl-addr>

Usage

```
<ted-database>
  <ted-database-lcl-addr>
    <ted-lcl-addr>
      ted-lcl-addr
    </ted-lcl-addr>
  </ted-database-lcl-addr>
</ted-database>
```

Description

<ted-database-lcl-addr>

Usage

```
<ted-database-information>
  <ted-database>
    <ted-database-lcl-addr>
      <ted-lcl-addr>
        ted-lcl-addr
      </ted-lcl-addr>
    </ted-database-lcl-addr>
  </ted-database>
</ted-database-information>
```

Description

<ted-database-summary>

Usage

```
<ted-database-summary>
  <ted-database-iso-count>
    ted-database-iso-count
  </ted-database-iso-count>
  <ted-database-inet-count>
    ted-database-inet-count
  </ted-database-inet-count>
</ted-database-summary>
```

Description

<ted-database-summary>

Usage

```
<ted-database-information>
  <ted-database-summary>
    <ted-database-iso-count>
      ted-database-iso-count
    </ted-database-iso-count>
    <ted-database-inet-count>
      ted-database-inet-count
    </ted-database-inet-count>
  </ted-database-summary>
</ted-database-information>
```

Description

<ted-link>

Usage

```
<ted-link>
  <ted-link-from>
    ted-link-from
  </ted-link-from>
  <ted-link-to>
    ted-link-to
  </ted-link-to>
  <ted-link-local-address>
    ted-link-local-address
  </ted-link-local-address>
  <ted-link-remote-address>
    ted-link-remote-address
  </ted-link-remote-address>
  <ted-link-local-ifindex>
    ted-link-local-ifindex
  </ted-link-local-ifindex>
  <ted-link-remote-ifindex>
    ted-link-remote-ifindex
  </ted-link-remote-ifindex>
  <admin-groups>....</admin-groups>
  <ted-link-extended-admin-group>....</ted-link-extended-admin-group>
```

```
<ted-link-metric>
  ted-link-metric
</ted-link-metric>
<ted-link-link-out>
  ted-link-link-out
</ted-link-link-out>
<ted-link-static-bandwidth>
  ted-link-static-bandwidth
</ted-link-static-bandwidth>
<ted-link-reservable-bandwidth>
  ted-link-reservable-bandwidth
</ted-link-reservable-bandwidth>
<ted-link-forwarding-adjacency>
  ted-link-forwarding-adjacency
</ted-link-forwarding-adjacency>
<ted-link-local-bw0>
  ted-link-local-bw0
</ted-link-local-bw0>
<ted-link-local-bw1>
  ted-link-local-bw1
</ted-link-local-bw1>
<ted-link-local-bw2>
  ted-link-local-bw2
</ted-link-local-bw2>
<ted-link-local-bw3>
  ted-link-local-bw3
</ted-link-local-bw3>
<ted-link-local-bw4>
  ted-link-local-bw4
</ted-link-local-bw4>
<ted-link-local-bw5>
  ted-link-local-bw5
</ted-link-local-bw5>
<ted-link-local-bw6>
  ted-link-local-bw6
</ted-link-local-bw6>
<ted-link-local-bw7>
  ted-link-local-bw7
</ted-link-local-bw7>
<ted-link-avail-bw0>
  ted-link-avail-bw0
</ted-link-avail-bw0>
<ted-link-avail-bw1>
  ted-link-avail-bw1
</ted-link-avail-bw1>
<ted-link-avail-bw2>
  ted-link-avail-bw2
</ted-link-avail-bw2>
<ted-link-avail-bw3>
  ted-link-avail-bw3
</ted-link-avail-bw3>
<ted-link-avail-bw4>
  ted-link-avail-bw4
</ted-link-avail-bw4>
<ted-link-avail-bw5>
  ted-link-avail-bw5
```

```
</ted-link-avail-bw5>
<ted-link-avail-bw6>
  ted-link-avail-bw6
</ted-link-avail-bw6>
<ted-link-avail-bw7>
  ted-link-avail-bw7
</ted-link-avail-bw7>
<ted-link-model>
  ted-link-model
</ted-link-model>
<ted-link-ct-bw0>
  ted-link-ct-bw0
</ted-link-ct-bw0>
<ted-link-ct-bw1>
  ted-link-ct-bw1
</ted-link-ct-bw1>
<ted-link-ct-bw2>
  ted-link-ct-bw2
</ted-link-ct-bw2>
<ted-link-ct-bw3>
  ted-link-ct-bw3
</ted-link-ct-bw3>
<ted-link-ct-bw4>
  ted-link-ct-bw4
</ted-link-ct-bw4>
<ted-link-ct-bw5>
  ted-link-ct-bw5
</ted-link-ct-bw5>
<ted-link-ct-bw6>
  ted-link-ct-bw6
</ted-link-ct-bw6>
<ted-link-ct-bw7>
  ted-link-ct-bw7
</ted-link-ct-bw7>
<switching-capability-descriptor>....</switching-capability-descriptor>
<ted-link-srlg>....</ted-link-srlg>
<ted-link-unreserved-bw-tlv-meaning>
  ted-link-unreserved-bw-tlv-meaning
</ted-link-unreserved-bw-tlv-meaning>
<ted-link-dste-tlv-meaning>
  ted-link-dste-tlv-meaning
</ted-link-dste-tlv-meaning>
</ted-link>
```

Description

<ted-link>

Usage

```
<ted-database>
  <ted-link>
    <ted-link-from>
      ted-link-from
    </ted-link-from>
    <ted-link-to>
```

```
    ted-link-to
</ted-link-to>
<ted-link-local-address>
    ted-link-local-address
</ted-link-local-address>
<ted-link-remote-address>
    ted-link-remote-address
</ted-link-remote-address>
<ted-link-local-ifindex>
    ted-link-local-ifindex
</ted-link-local-ifindex>
<ted-link-remote-ifindex>
    ted-link-remote-ifindex
</ted-link-remote-ifindex>
<admin-groups>....</admin-groups>
<ted-link-extended-admin-group>....</ted-link-extended-admin-group>
<ted-link-metric>
    ted-link-metric
</ted-link-metric>
<ted-link-link-out>
    ted-link-link-out
</ted-link-link-out>
<ted-link-static-bandwidth>
    ted-link-static-bandwidth
</ted-link-static-bandwidth>
<ted-link-reservable-bandwidth>
    ted-link-reservable-bandwidth
</ted-link-reservable-bandwidth>
<ted-link-forwarding-adjacency>
    ted-link-forwarding-adjacency
</ted-link-forwarding-adjacency>
<ted-link-local-bw0>
    ted-link-local-bw0
</ted-link-local-bw0>
<ted-link-local-bw1>
    ted-link-local-bw1
</ted-link-local-bw1>
<ted-link-local-bw2>
    ted-link-local-bw2
</ted-link-local-bw2>
<ted-link-local-bw3>
    ted-link-local-bw3
</ted-link-local-bw3>
<ted-link-local-bw4>
    ted-link-local-bw4
</ted-link-local-bw4>
<ted-link-local-bw5>
    ted-link-local-bw5
</ted-link-local-bw5>
<ted-link-local-bw6>
    ted-link-local-bw6
</ted-link-local-bw6>
<ted-link-local-bw7>
    ted-link-local-bw7
</ted-link-local-bw7>
<ted-link-avail-bw0>
```

```
    ted-link-avail-bw0
  </ted-link-avail-bw0>
  <ted-link-avail-bw1>
    ted-link-avail-bw1
  </ted-link-avail-bw1>
  <ted-link-avail-bw2>
    ted-link-avail-bw2
  </ted-link-avail-bw2>
  <ted-link-avail-bw3>
    ted-link-avail-bw3
  </ted-link-avail-bw3>
  <ted-link-avail-bw4>
    ted-link-avail-bw4
  </ted-link-avail-bw4>
  <ted-link-avail-bw5>
    ted-link-avail-bw5
  </ted-link-avail-bw5>
  <ted-link-avail-bw6>
    ted-link-avail-bw6
  </ted-link-avail-bw6>
  <ted-link-avail-bw7>
    ted-link-avail-bw7
  </ted-link-avail-bw7>
  <ted-link-model>
    ted-link-model
  </ted-link-model>
  <ted-link-ct-bw0>
    ted-link-ct-bw0
  </ted-link-ct-bw0>
  <ted-link-ct-bw1>
    ted-link-ct-bw1
  </ted-link-ct-bw1>
  <ted-link-ct-bw2>
    ted-link-ct-bw2
  </ted-link-ct-bw2>
  <ted-link-ct-bw3>
    ted-link-ct-bw3
  </ted-link-ct-bw3>
  <ted-link-ct-bw4>
    ted-link-ct-bw4
  </ted-link-ct-bw4>
  <ted-link-ct-bw5>
    ted-link-ct-bw5
  </ted-link-ct-bw5>
  <ted-link-ct-bw6>
    ted-link-ct-bw6
  </ted-link-ct-bw6>
  <ted-link-ct-bw7>
    ted-link-ct-bw7
  </ted-link-ct-bw7>
  <switching-capability-descriptor>....</switching-capability-descriptor>
  <ted-link-srlg>....</ted-link-srlg>
  <ted-link-unreserved-bw-tlv-meaning>
    ted-link-unreserved-bw-tlv-meaning
  </ted-link-unreserved-bw-tlv-meaning>
  <ted-link-dste-tlv-meaning>
```

```

    ted-link-dste-tlv-meaning
  </ted-link-dste-tlv-meaning>
</ted-link>
</ted-database>

```

Description

<ted-link>

Usage

```

<ted-database-information>
  <ted-database>
    <ted-link>
      <ted-link-from>
        ted-link-from
      </ted-link-from>
      <ted-link-to>
        ted-link-to
      </ted-link-to>
      <ted-link-local-address>
        ted-link-local-address
      </ted-link-local-address>
      <ted-link-remote-address>
        ted-link-remote-address
      </ted-link-remote-address>
      <ted-link-local-ifindex>
        ted-link-local-ifindex
      </ted-link-local-ifindex>
      <ted-link-remote-ifindex>
        ted-link-remote-ifindex
      </ted-link-remote-ifindex>
      <admin-groups>....</admin-groups>
      <ted-link-extended-admin-group>....</ted-link-extended-admin-group>
      <ted-link-metric>
        ted-link-metric
      </ted-link-metric>
      <ted-link-link-out>
        ted-link-link-out
      </ted-link-link-out>
      <ted-link-static-bandwidth>
        ted-link-static-bandwidth
      </ted-link-static-bandwidth>
      <ted-link-reservable-bandwidth>
        ted-link-reservable-bandwidth
      </ted-link-reservable-bandwidth>
      <ted-link-forwarding-adjacency>
        ted-link-forwarding-adjacency
      </ted-link-forwarding-adjacency>
      <ted-link-local-bw0>
        ted-link-local-bw0
      </ted-link-local-bw0>
      <ted-link-local-bw1>
        ted-link-local-bw1
      </ted-link-local-bw1>
      <ted-link-local-bw2>

```

```
    ted-link-local-bw2
  </ted-link-local-bw2>
  <ted-link-local-bw3>
    ted-link-local-bw3
  </ted-link-local-bw3>
  <ted-link-local-bw4>
    ted-link-local-bw4
  </ted-link-local-bw4>
  <ted-link-local-bw5>
    ted-link-local-bw5
  </ted-link-local-bw5>
  <ted-link-local-bw6>
    ted-link-local-bw6
  </ted-link-local-bw6>
  <ted-link-local-bw7>
    ted-link-local-bw7
  </ted-link-local-bw7>
  <ted-link-avail-bw0>
    ted-link-avail-bw0
  </ted-link-avail-bw0>
  <ted-link-avail-bw1>
    ted-link-avail-bw1
  </ted-link-avail-bw1>
  <ted-link-avail-bw2>
    ted-link-avail-bw2
  </ted-link-avail-bw2>
  <ted-link-avail-bw3>
    ted-link-avail-bw3
  </ted-link-avail-bw3>
  <ted-link-avail-bw4>
    ted-link-avail-bw4
  </ted-link-avail-bw4>
  <ted-link-avail-bw5>
    ted-link-avail-bw5
  </ted-link-avail-bw5>
  <ted-link-avail-bw6>
    ted-link-avail-bw6
  </ted-link-avail-bw6>
  <ted-link-avail-bw7>
    ted-link-avail-bw7
  </ted-link-avail-bw7>
  <ted-link-model>
    ted-link-model
  </ted-link-model>
  <ted-link-ct-bw0>
    ted-link-ct-bw0
  </ted-link-ct-bw0>
  <ted-link-ct-bw1>
    ted-link-ct-bw1
  </ted-link-ct-bw1>
  <ted-link-ct-bw2>
    ted-link-ct-bw2
  </ted-link-ct-bw2>
  <ted-link-ct-bw3>
    ted-link-ct-bw3
  </ted-link-ct-bw3>
```



```

<ted-link-ct-bw4>
  ted-link-ct-bw4
</ted-link-ct-bw4>
<ted-link-ct-bw5>
  ted-link-ct-bw5
</ted-link-ct-bw5>
<ted-link-ct-bw6>
  ted-link-ct-bw6
</ted-link-ct-bw6>
<ted-link-ct-bw7>
  ted-link-ct-bw7
</ted-link-ct-bw7>
<switching-capability-descriptor>....</switching-capability-descriptor>
<ted-link-srlg>....</ted-link-srlg>
<ted-link-unreserved-bw-tlv-meaning>
  ted-link-unreserved-bw-tlv-meaning
</ted-link-unreserved-bw-tlv-meaning>
<ted-link-dste-tlv-meaning>
  ted-link-dste-tlv-meaning
</ted-link-dste-tlv-meaning>
</ted-link>
</ted-database>
</ted-database-information>

```

Description

<ted-link>

Usage

```

<ted-link-information>
  <ted-link>
    <ted-link-from>
      ted-link-from
    </ted-link-from>
    <ted-link-to>
      ted-link-to
    </ted-link-to>
    <ted-link-local-address>
      ted-link-local-address
    </ted-link-local-address>
    <ted-link-remote-address>
      ted-link-remote-address
    </ted-link-remote-address>
    <ted-link-local-ifindex>
      ted-link-local-ifindex
    </ted-link-local-ifindex>
    <ted-link-remote-ifindex>
      ted-link-remote-ifindex
    </ted-link-remote-ifindex>
    <admin-groups>....</admin-groups>
    <ted-link-extended-admin-group>....</ted-link-extended-admin-group>
    <ted-link-metric>
      ted-link-metric
    </ted-link-metric>
    <ted-link-link-out>

```

```
    ted-link-link-out
  </ted-link-link-out>
  <ted-link-static-bandwidth>
    ted-link-static-bandwidth
  </ted-link-static-bandwidth>
  <ted-link-reservable-bandwidth>
    ted-link-reservable-bandwidth
  </ted-link-reservable-bandwidth>
  <ted-link-forwarding-adjacency>
    ted-link-forwarding-adjacency
  </ted-link-forwarding-adjacency>
  <ted-link-local-bw0>
    ted-link-local-bw0
  </ted-link-local-bw0>
  <ted-link-local-bw1>
    ted-link-local-bw1
  </ted-link-local-bw1>
  <ted-link-local-bw2>
    ted-link-local-bw2
  </ted-link-local-bw2>
  <ted-link-local-bw3>
    ted-link-local-bw3
  </ted-link-local-bw3>
  <ted-link-local-bw4>
    ted-link-local-bw4
  </ted-link-local-bw4>
  <ted-link-local-bw5>
    ted-link-local-bw5
  </ted-link-local-bw5>
  <ted-link-local-bw6>
    ted-link-local-bw6
  </ted-link-local-bw6>
  <ted-link-local-bw7>
    ted-link-local-bw7
  </ted-link-local-bw7>
  <ted-link-avail-bw0>
    ted-link-avail-bw0
  </ted-link-avail-bw0>
  <ted-link-avail-bw1>
    ted-link-avail-bw1
  </ted-link-avail-bw1>
  <ted-link-avail-bw2>
    ted-link-avail-bw2
  </ted-link-avail-bw2>
  <ted-link-avail-bw3>
    ted-link-avail-bw3
  </ted-link-avail-bw3>
  <ted-link-avail-bw4>
    ted-link-avail-bw4
  </ted-link-avail-bw4>
  <ted-link-avail-bw5>
    ted-link-avail-bw5
  </ted-link-avail-bw5>
  <ted-link-avail-bw6>
    ted-link-avail-bw6
  </ted-link-avail-bw6>
```

```

<ted-link-avail-bw7>
  ted-link-avail-bw7
</ted-link-avail-bw7>
<ted-link-model>
  ted-link-model
</ted-link-model>
<ted-link-ct-bw0>
  ted-link-ct-bw0
</ted-link-ct-bw0>
<ted-link-ct-bw1>
  ted-link-ct-bw1
</ted-link-ct-bw1>
<ted-link-ct-bw2>
  ted-link-ct-bw2
</ted-link-ct-bw2>
<ted-link-ct-bw3>
  ted-link-ct-bw3
</ted-link-ct-bw3>
<ted-link-ct-bw4>
  ted-link-ct-bw4
</ted-link-ct-bw4>
<ted-link-ct-bw5>
  ted-link-ct-bw5
</ted-link-ct-bw5>
<ted-link-ct-bw6>
  ted-link-ct-bw6
</ted-link-ct-bw6>
<ted-link-ct-bw7>
  ted-link-ct-bw7
</ted-link-ct-bw7>
<switching-capability-descriptor>....</switching-capability-descriptor>
<ted-link-srlg>....</ted-link-srlg>
<ted-link-unreserved-bw-tlv-meaning>
  ted-link-unreserved-bw-tlv-meaning
</ted-link-unreserved-bw-tlv-meaning>
<ted-link-dste-tlv-meaning>
  ted-link-dste-tlv-meaning
</ted-link-dste-tlv-meaning>
</ted-link>
</ted-link-information>

```

Description

<ted-link-extended-admin-group>

Usage

```

<ted-link-extended-admin-group>
  <admin-group-name>
    admin-group-name
  </admin-group-name>
</ted-link-extended-admin-group>

```

Description

<ted-link-extended-admin-group>

Usage

```
<ted-link>
  <ted-link-extended-admin-group>
    <admin-group-name>
      admin-group-name
    </admin-group-name>
  </ted-link-extended-admin-group>
</ted-link>
```

Description

<ted-link-extended-admin-group>

Usage

```
<ted-database>
  <ted-link>
    <ted-link-extended-admin-group>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
    </ted-link-extended-admin-group>
  </ted-link>
</ted-database>
```

Description

<ted-link-extended-admin-group>

Usage

```
<ted-database-information>
  <ted-database>
    <ted-link>
      <ted-link-extended-admin-group>
        <admin-group-name>
          admin-group-name
        </admin-group-name>
      </ted-link-extended-admin-group>
    </ted-link>
  </ted-database>
</ted-database-information>
```

Description

<ted-link-extended-admin-group>

Usage

```
<ted-link-information>
  <ted-link>
    <ted-link-extended-admin-group>
      <admin-group-name>
        admin-group-name
      </admin-group-name>
    </ted-link-extended-admin-group>
  </ted-link>
</ted-link-information>
```

```

        </admin-group-name>
    </ted-link-extended-admin-group>
</ted-link>
</ted-link-information>

```

Description

<ted-link-information>

Usage

```

<ted-link-information>
  <ted-link>....</ted-link>
</ted-link-information>

```

Description

<ted-link-srlg>

Usage

```

<ted-link-srlg>
  <srlg-name>
    srlg-name
  </srlg-name>
</ted-link-srlg>

```

Description

<ted-link-srlg>

Usage

```

<ted-link>
  <ted-link-srlg>
    <srlg-name>
      srlg-name
    </srlg-name>
  </ted-link-srlg>
</ted-link>

```

Description

<ted-link-srlg>

Usage

```

<ted-database>
  <ted-link>
    <ted-link-srlg>
      <srlg-name>
        srlg-name
      </srlg-name>
    </ted-link-srlg>
  </ted-link>
</ted-database>

```

Description**<ted-link-srlg>****Usage**

```
<ted-database-information>
  <ted-database>
    <ted-link>
      <ted-link-srlg>
        <srlg-name>
          srlg-name
        </srlg-name>
      </ted-link-srlg>
    </ted-link>
  </ted-database>
</ted-database-information>
```

Description**<ted-link-srlg>****Usage**

```
<ted-link-information>
  <ted-link>
    <ted-link-srlg>
      <srlg-name>
        srlg-name
      </srlg-name>
    </ted-link-srlg>
  </ted-link>
</ted-link-information>
```

Description**<ted-protocol>****Usage**

```
<ted-protocol>
  <ted-protocol-name>
    ted-protocol-name
  </ted-protocol-name>
  <ted-protocol-credibility>
    ted-protocol-credibility
  </ted-protocol-credibility>
  <ted-protocol-self-node>
    ted-protocol-self-node
  </ted-protocol-self-node>
</ted-protocol>
```

Description

<ted-protocol>

Usage

```

<ted-protocol-information>
  <ted-protocol>
    <ted-protocol-name>
      ted-protocol-name
    </ted-protocol-name>
    <ted-protocol-credibility>
      ted-protocol-credibility
    </ted-protocol-credibility>
    <ted-protocol-self-node>
      ted-protocol-self-node
    </ted-protocol-self-node>
  </ted-protocol>
</ted-protocol-information>

```

Description

<ted-protocol-information>

Usage

```

<ted-protocol-information>
  <ted-protocol>....</ted-protocol>
</ted-protocol-information>

```

Description

<tlv-block>

Usage

```

<tlv-block>
  <tlv-type-name>
    tlv-type-name
  </tlv-type-name>
  <tlv-type-value>
    tlv-type-value
  </tlv-type-value>
  <tlv-length>
    tlv-length
  </tlv-length>
  <bytes-left>
    bytes-left
  </bytes-left>
  <formatted-tlv-data>
    formatted-tlv-data
  </formatted-tlv-data>
</tlv-block>

```

Description

<tlv-block>

Usage

```
<ospf-opaque-area-lsa>
  <tlv-block>
    <tlv-type-name>
      tlv-type-name
    </tlv-type-name>
    <tlv-type-value>
      tlv-type-value
    </tlv-type-value>
    <tlv-length>
      tlv-length
    </tlv-length>
    <bytes-left>
      bytes-left
    </bytes-left>
    <formatted-tlv-data>
      formatted-tlv-data
    </formatted-tlv-data>
  </tlv-block>
</ospf-opaque-area-lsa>
```

Description

<tlv-block>

Usage

```
<ospf-database>
  <ospf-opaque-area-lsa>
    <tlv-block>
      <tlv-type-name>
        tlv-type-name
      </tlv-type-name>
      <tlv-type-value>
        tlv-type-value
      </tlv-type-value>
      <tlv-length>
        tlv-length
      </tlv-length>
      <bytes-left>
        bytes-left
      </bytes-left>
      <formatted-tlv-data>
        formatted-tlv-data
      </formatted-tlv-data>
    </tlv-block>
  </ospf-opaque-area-lsa>
</ospf-database>
```

Description

<tlv-block>**Usage**

```

<ospf-database-information>
  <ospf-database>
    <ospf-opaque-area-lsa>
      <tlv-block>
        <tlv-type-name>
          tlv-type-name
        </tlv-type-name>
        <tlv-type-value>
          tlv-type-value
        </tlv-type-value>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
        <formatted-tlv-data>
          formatted-tlv-data
        </formatted-tlv-data>
      </tlv-block>
    </ospf-opaque-area-lsa>
  </ospf-database>
</ospf-database-information>

```

Description**<tlv-stragglers>****Usage**

```

<isis-tlv>
  <tlv-stragglers>
    <bytes-left>
      bytes-left
    </bytes-left>
  </tlv-stragglers>
</isis-tlv>

```

Description**<tlv-stragglers>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <tlv-stragglers>
      <bytes-left>
        bytes-left
      </bytes-left>
    </tlv-stragglers>
  </isis-tlv>

```

```
</isis-database-entry>
```

Description

<tlv-stragglers>

Usage

```
<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <tlv-stragglers>
        <bytes-left>
          bytes-left
        </bytes-left>
      </tlv-stragglers>
    </isis-tlv>
  </isis-database-entry>
</isis-database>
```

Description

<tlv-stragglers>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <tlv-stragglers>
          <bytes-left>
            bytes-left
          </bytes-left>
        </tlv-stragglers>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<totals-information>

Usage

```
<isis-statistics>
  <totals-information>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent>
      packets-sent
    </packets-sent>
  </totals-information>
</isis-statistics>
```

Description

<totals-information>

Usage

```

<isis-statistics-information>
  <isis-statistics>
    <totals-information>
      <packets-received>
        packets-received
      </packets-received>
      <packets-sent>
        packets-sent
      </packets-sent>
    </totals-information>
  </isis-statistics>
</isis-statistics-information>

```

Description

<tracing-information>

Usage

```

<tracing-information>
  <flags>
    flags
  </flags>
  <filename>
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>

```

Description

<tracing-information>

Usage

```

<bgp-option-information>
  <nlri-information>
    <nlri-traffic-stats>
      <tracing-information>
        <flags>
          flags
        </flags>
        <filename>
          filename
        </filename>
        <filesize>
          filesize

```

```
</filesize>
<filelimit>
  filelimit
</filelimit>
</tracing-information>
</nlri-traffic-stats>
</nlri-information>
</bgp-option-information>
```

Description

<tracing-information>

Usage

```
<bgp-peer>
  <bgp-option-information>
    <nlri-information>
      <nlri-traffic-stats>
        <tracing-information>
          <flags>
            flags
          </flags>
          <filename>
            filename
          </filename>
          <filesize>
            filesize
          </filesize>
          <filelimit>
            filelimit
          </filelimit>
        </tracing-information>
      </nlri-traffic-stats>
    </nlri-information>
  </bgp-option-information>
</bgp-peer>
```

Description

<tracing-information>

Usage

```
<bgp-peer>
  <tracing-information>
    <flags>
      flags
    </flags>
    <filename>
      filename
    </filename>
    <filesize>
      filesize
    </filesize>
    <filelimit>
```

```

        filelimit
      </filelimit>
    </tracing-information>
  </bgp-peer>

```

Description

<tracing-information>

Usage

```

<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>
            <flags>
              flags
            </flags>
            <filename>
              filename
            </filename>
            <filesize>
              filesize
            </filesize>
            <filelimit>
              filelimit
            </filelimit>
          </tracing-information>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>

```

Description

<tracing-information>

Usage

```

<bgp-group>
  <bgp-peer>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>
        filelimit
    </tracing-information>
  </bgp-peer>
</bgp-group>

```

```
</filelimit>
</tracing-information>
</bgp-peer>
</bgp-group>
```

Description

<tracing-information>

Usage

```
<bgp-group>
<bgp-option-information>
<nlri-information>
<nlri-traffic-stats>
  <tracing-information>
    <flags>
      flags
    </flags>
    <filename>
      filename
    </filename>
    <filesize>
      filesize
    </filesize>
    <filelimit>
      filelimit
    </filelimit>
  </tracing-information>
</nlri-traffic-stats>
</nlri-information>
</bgp-option-information>
</bgp-group>
```

Description

<tracing-information>

Usage

```
<bgp-group>
  <tracing-information>
    <flags>
      flags
    </flags>
    <filename>
      filename
    </filename>
    <filesize>
      filesize
    </filesize>
    <filelimit>
      filelimit
    </filelimit>
  </tracing-information>
```

```
</bgp-group>
```

Description

<tracing-information>

Usage

```
<bgp-information>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>
            <flags>
              flags
            </flags>
            <filename>
              filename
            </filename>
            <filesize>
              filesize
            </filesize>
            <filelimit>
              filelimit
            </filelimit>
          </tracing-information>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-information>
```

Description

<tracing-information>

Usage

```
<bgp-information>
  <bgp-peer>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>
        filelimit
      </filelimit>
    </tracing-information>
  </bgp-peer>
```

</bgp-information>

Description

<tracing-information>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-peer>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>
            <flags>
              flags
            </flags>
            <filename>
              filename
            </filename>
            <filesize>
              filesize
            </filesize>
            <filelimit>
              filelimit
            </filelimit>
          </tracing-information>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-peer>
</bgp-group>
</bgp-group-information>
```

Description

<tracing-information>

Usage

```
<bgp-group-information>
<bgp-group>
  <bgp-peer>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>
        filelimit
    </tracing-information>
  </bgp-peer>
</bgp-group>
```



```

        </filelimit>
      </tracing-information>
    </bgp-peer>
  </bgp-group>
</bgp-group-information>

```

Description

<tracing-information>

Usage

```

<bgp-group-information>
  <bgp-group>
    <bgp-option-information>
      <nlri-information>
        <nlri-traffic-stats>
          <tracing-information>
            <flags>
              flags
            </flags>
            <filename>
              filename
            </filename>
            <filesize>
              filesize
            </filesize>
            <filelimit>
              filelimit
            </filelimit>
          </tracing-information>
        </nlri-traffic-stats>
      </nlri-information>
    </bgp-option-information>
  </bgp-group>
</bgp-group-information>

```

Description

<tracing-information>

Usage

```

<bgp-group-information>
  <bgp-group>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>

```

```
        filelimit
      </filelimit>
    </tracing-information>
  </bgp-group>
</bgp-group-information>
```

Description

<tracing-information>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <bgp-option-information>
        <nlri-information>
          <nlri-traffic-stats>
            <tracing-information>
              <flags>
                flags
              </flags>
              <filename>
                filename
              </filename>
              <filesize>
                filesize
              </filesize>
              <filelimit>
                filelimit
              </filelimit>
            </tracing-information>
          </nlri-traffic-stats>
        </nlri-information>
      </bgp-option-information>
    </bgp-peer>
  </bgp-information>
</bgp-group-information>
```

Description

<tracing-information>

Usage

```
<bgp-group-information>
  <bgp-information>
    <bgp-peer>
      <tracing-information>
        <flags>
          flags
        </flags>
        <filename>
          filename
        </filename>
        <filesize>
```

```

        filesize
      </filesize>
    <filelimit>
      filelimit
    </filelimit>
  </tracing-information>
</bgp-peer>
</bgp-information>
</bgp-group-information>

```

Description

<tracing-information>

Usage

```

<ospf-overview>
  <tracing-information>
    <flags>
      flags
    </flags>
    <filename>
      filename
    </filename>
    <filesize>
      filesize
    </filesize>
    <filelimit>
      filelimit
    </filelimit>
  </tracing-information>
</ospf-overview>

```

Description

<tracing-information>

Usage

```

<ospf-overview-information>
  <ospf-overview>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>
        filelimit
      </filelimit>
    </tracing-information>
  </ospf-overview>

```

</ospf-overview-information>

Description

<tracing-information>

Usage

```
<ospf3-overview-information>
  <ospf-overview>
    <tracing-information>
      <flags>
        flags
      </flags>
      <filename>
        filename
      </filename>
      <filesize>
        filesize
      </filesize>
      <filelimit>
        filelimit
      </filelimit>
    </tracing-information>
  </ospf-overview>
</ospf3-overview-information>
```

Description

<transmission-status>

Usage

```
<transmission-status>
  <transmit-count>
    transmit-count
  </transmit-count>
  <message>
    message
  </message>
  <interface-name>
    interface-name
  </interface-name>
  <transmit-time>
    transmit-time
  </transmit-time>
</transmission-status>
```

Description

<transmission-status>

Usage

```
<isis-database-entry>
  <transmission-status>
    <transmit-count>
```

```

        transmit-count
      </transmit-count>
    <message>
      message
    </message>
    <interface-name>
      interface-name
    </interface-name>
    <transmit-time>
      transmit-time
    </transmit-time>
  </transmission-status>
</isis-database-entry>

```

Description

<transmission-status>

Usage

```

<isis-database>
  <isis-database-entry>
    <transmission-status>
      <transmit-count>
        transmit-count
      </transmit-count>
      <message>
        message
      </message>
      <interface-name>
        interface-name
      </interface-name>
      <transmit-time>
        transmit-time
      </transmit-time>
    </transmission-status>
  </isis-database-entry>
</isis-database>

```

Description

<transmission-status>

Usage

```

<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <transmission-status>
        <transmit-count>
          transmit-count
        </transmit-count>
        <message>
          message
        </message>
        <interface-name>

```

```
        interface-name
      </interface-name>
      <transmit-time>
        transmit-time
      </transmit-time>
    </transmission-status>
  </isis-database-entry>
</isis-database>
</isis-database-information>
```

Description

<tunnel-nexthop>

Usage

```
<dynamic-tunnel>
  <tunnel-nexthop>
    <tunnel-nh-type>
      tunnel-nh-type
    </tunnel-nh-type>
    <tunnel-nh-src>
      tunnel-nh-src
    </tunnel-nh-src>
    <via>
      via
    </via>
    <tunnel-nh-state>
      tunnel-nh-state
    </tunnel-nh-state>
    <tunnel-nh-reason>
      tunnel-nh-reason
    </tunnel-nh-reason>
    <tunnel-nh-lsp-name>
      tunnel-nh-lsp-name
    </tunnel-nh-lsp-name>
  </tunnel-nexthop>
</dynamic-tunnel>
```

Description

<tunnel-nexthop>

Usage

```
<destination-network>
  <dynamic-tunnel>
    <tunnel-nexthop>
      <tunnel-nh-type>
        tunnel-nh-type
      </tunnel-nh-type>
      <tunnel-nh-src>
        tunnel-nh-src
      </tunnel-nh-src>
      <via>
        via
```

```

</via>
<tunnel-nh-state>
  tunnel-nh-state
</tunnel-nh-state>
<tunnel-nh-reason>
  tunnel-nh-reason
</tunnel-nh-reason>
<tunnel-nh-lsp-name>
  tunnel-nh-lsp-name
</tunnel-nh-lsp-name>
</tunnel-nexthop>
</dynamic-tunnel>
</destination-network>

```

Description

<tunnel-nexthop>

Usage

```

<dynamic-tunnel-table>
<destination-network>
  <dynamic-tunnel>
    <tunnel-nexthop>
      <tunnel-nh-type>
        tunnel-nh-type
      </tunnel-nh-type>
      <tunnel-nh-src>
        tunnel-nh-src
      </tunnel-nh-src>
      <via>
        via
      </via>
      <tunnel-nh-state>
        tunnel-nh-state
      </tunnel-nh-state>
      <tunnel-nh-reason>
        tunnel-nh-reason
      </tunnel-nh-reason>
      <tunnel-nh-lsp-name>
        tunnel-nh-lsp-name
      </tunnel-nh-lsp-name>
    </tunnel-nexthop>
  </dynamic-tunnel>
</destination-network>
</dynamic-tunnel-table>

```

Description

<tunnel-nexthop>

Usage

```

<dynamic-tunnels-information>
  <dynamic-tunnel-table>
    <destination-network>

```

```
<dynamic-tunnel>
  <tunnel-nexthop>
    <tunnel-nh-type>
      tunnel-nh-type
    </tunnel-nh-type>
    <tunnel-nh-src>
      tunnel-nh-src
    </tunnel-nh-src>
    <via>
      via
    </via>
    <tunnel-nh-state>
      tunnel-nh-state
    </tunnel-nh-state>
    <tunnel-nh-reason>
      tunnel-nh-reason
    </tunnel-nh-reason>
    <tunnel-nh-lsp-name>
      tunnel-nh-lsp-name
    </tunnel-nh-lsp-name>
  </tunnel-nexthop>
</dynamic-tunnel>
</destination-network>
</dynamic-tunnel-table>
</dynamic-tunnels-information>
```

Description**<unconfigured-peers>****Usage**

```
<bgp-group>
  <unconfigured-peers>
    <route-filter>....</route-filter>
  </unconfigured-peers>
</bgp-group>
```

Description Set of address prefixes from which this group allows peering

<unconfigured-peers>**Usage**

```
<bgp-group-information>
  <bgp-group>
    <unconfigured-peers>
      <route-filter>....</route-filter>
    </unconfigured-peers>
  </bgp-group>
</bgp-group-information>
```

Description Set of address prefixes from which this group allows peering

<unknown-tlv>**Usage**

```

<isis-tlv>
  <unknown-tlv>
    <isis-tlv-type>
      isis-tlv-type
    </isis-tlv-type>
    <tlv-length>
      tlv-length
    </tlv-length>
  </unknown-tlv>
</isis-tlv>

```

Description**<unknown-tlv>****Usage**

```

<isis-database-entry>
  <isis-tlv>
    <unknown-tlv>
      <isis-tlv-type>
        isis-tlv-type
      </isis-tlv-type>
      <tlv-length>
        tlv-length
      </tlv-length>
    </unknown-tlv>
  </isis-tlv>
</isis-database-entry>

```

Description**<unknown-tlv>****Usage**

```

<isis-database>
  <isis-database-entry>
    <isis-tlv>
      <unknown-tlv>
        <isis-tlv-type>
          isis-tlv-type
        </isis-tlv-type>
        <tlv-length>
          tlv-length
        </tlv-length>
      </unknown-tlv>
    </isis-tlv>
  </isis-database-entry>
</isis-database>

```

Description

<unknown-tlv>

Usage

```
<isis-database-information>
  <isis-database>
    <isis-database-entry>
      <isis-tlv>
        <unknown-tlv>
          <isis-tlv-type>
            isis-tlv-type
          </isis-tlv-type>
          <tlv-length>
            tlv-length
          </tlv-length>
        </unknown-tlv>
      </isis-tlv>
    </isis-database-entry>
  </isis-database>
</isis-database-information>
```

Description

<upstream-group>

Usage

```
<pim-source-information>
  <source-family>
    <pim-source>
      <upstream-group>
        <multicast-group-address>
          multicast-group-address
        </multicast-group-address>
      </upstream-group>
    </pim-source>
  </source-family>
</pim-source-information>
```

Description

<upstream-state-flags>

Usage

```
<pim-join-information>
  <join-family>
    <join-group>
      <upstream-state-flags>
        <none>
          none
        </none>
        <local-source>
          local-source
        </local-source>
        <local-rp>
          local-rp

```

```

</local-rp>
<join-to-rp>
  join-to-rp
</join-to-rp>
<join-to-source>
  join-to-source
</join-to-source>
<prune-to-rp>
  prune-to-rp
</prune-to-rp>
<prune-to-source>
  prune-to-source
</prune-to-source>
</upstream-state-flags>
</join-group>
</join-family>
</pim-join-information>

```

Description

<vpls-auto-site-repository>

Usage

```

<vpls-auto-site-repository>
  <route-distinguisher>
    route-distinguisher
  </route-distinguisher>
  <instance-id>
    instance-id
  </instance-id>
  <local-site-id>
    local-site-id
  </local-site-id>
  <auto-site-count>
    auto-site-count
  </auto-site-count>
  <auto-site-repository-state>
    auto-site-repository-state
  </auto-site-repository-state>
</vpls-auto-site-repository>

```

Description Information about one or more automatic site replication entries

<vpls-auto-site-repository>

Usage

```

<vpls-auto-site-repository-information>
  <vpls-auto-site-repository>
    <route-distinguisher>
      route-distinguisher
    </route-distinguisher>
    <instance-id>
      instance-id
    </instance-id>
  </vpls-auto-site-repository>
</vpls-auto-site-repository-information>

```

```
<local-site-id>
  local-site-id
</local-site-id>
<auto-site-count>
  auto-site-count
</auto-site-count>
<auto-site-repository-state>
  auto-site-repository-state
</auto-site-repository-state>
</vpls-auto-site-repository>
</vpls-auto-site-repository-information>
```

Description Information about one or more automatic site replication entries

<vpls-auto-site-repository-information>

Usage

```
<vpls-auto-site-repository-information>
  <vpls-auto-site-repository>....</vpls-auto-site-repository>
</vpls-auto-site-repository-information>
```

Description Information about automatic site replication repository

<vpls-bgp-label-repository-information>

Usage

```
<vpls-bgp-label-repository-information>

  <vpls-bgp-route-distinguisher-information>....</vpls-bgp-route-distinguisher-information>

</vpls-bgp-label-repository-information>
```

Description Information about VPLS label replication using BGP signaling

<vpls-bgp-route-distinguisher-information>

Usage

```
<vpls-bgp-route-distinguisher-information>
  <route-distinguisher>
    route-distinguisher
  </route-distinguisher>
  <instance-id>
    instance-id
  </instance-id>
  <l2vpn-nlri-advertisement>....</l2vpn-nlri-advertisement>
</vpls-bgp-route-distinguisher-information>
```

Description Information about one or more VPLS route distinguisher replication entries

<vpls-bgp-route-distinguisher-information>**Usage**

```

<vpls-bgp-label-repository-information>
  <vpls-bgp-route-distinguisher-information>
    <route-distinguisher>
      route-distinguisher
    </route-distinguisher>
    <instance-id>
      instance-id
    </instance-id>
    <l2vpn-nlri-advertisement>....</l2vpn-nlri-advertisement>
  </vpls-bgp-route-distinguisher-information>
</vpls-bgp-label-repository-information>

```

Description Information about one or more VPLS route distinguisher replication entries

<vpls-connection-information>**Usage**

```

<vpls-connection-information>
  <instance>....</instance>
</vpls-connection-information>

```

Description**<vpls-dyn-prof-session-information>****Usage**

```

<vpls-dyn-prof-session-information>
  <vpls-dyn-session-entry>....</vpls-dyn-session-entry>
</vpls-dyn-prof-session-information>

```

Description Information about the dynamic profiles for VE Ifls

<vpls-dyn-session-entry>**Usage**

```

<vpls-dyn-session-entry>
  <vpls-dyn-session-id>
    vpls-dyn-session-id
  </vpls-dyn-session-id>
  <vpls-dyn-profile-name>
    vpls-dyn-profile-name
  </vpls-dyn-profile-name>
  <vpls-dyn-interface-name>
    vpls-dyn-interface-name
  </vpls-dyn-interface-name>
  <vpls-dyn-instance-name>
    vpls-dyn-instance-name
  </vpls-dyn-instance-name>

```

</vpls-dyn-session-entry>

Description Information for sessions created using dynamic profiles for VE ifls

<vpls-dyn-session-entry>

Usage

```
<vpls-dyn-prof-session-information>
  <vpls-dyn-session-entry>
    <vpls-dyn-session-id>
      vpls-dyn-session-id
    </vpls-dyn-session-id>
    <vpls-dyn-profile-name>
      vpls-dyn-profile-name
    </vpls-dyn-profile-name>
    <vpls-dyn-interface-name>
      vpls-dyn-interface-name
    </vpls-dyn-interface-name>
    <vpls-dyn-instance-name>
      vpls-dyn-instance-name
    </vpls-dyn-instance-name>
  </vpls-dyn-session-entry>
</vpls-dyn-prof-session-information>
```

Description Information for sessions created using dynamic profiles for VE ifls

<vpls-dynamic-interface-repository>

Usage

```
<vpls-dynamic-interface-repository>
  <instance-id>
    instance-id
  </instance-id>
  <local-site-id>
    local-site-id
  </local-site-id>
  <remote-site-id>
    remote-site-id
  </remote-site-id>
  <interface-name>
    interface-name
  </interface-name>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <vpls-label>
    vpls-label
  </vpls-label>
  <interface-repository-state>
    interface-repository-state
  </interface-repository-state>
  <mesh-group-id>
    mesh-group-id
```

```

</mesh-group-id>
</vpls-dynamic-interface-repository>

```

Description Information about one or more dynamic interface replication entries

<vpls-dynamic-interface-repository>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-dynamic-interface-repository>
  <instance-id>
    instance-id
  </instance-id>
  <local-site-id>
    local-site-id
  </local-site-id>
  <remote-site-id>
    remote-site-id
  </remote-site-id>
  <interface-name>
    interface-name
  </interface-name>
  <local-interface-index>
    local-interface-index
  </local-interface-index>
  <vpls-label>
    vpls-label
  </vpls-label>
  <interface-repository-state>
    interface-repository-state
  </interface-repository-state>
  <mesh-group-id>
    mesh-group-id
  </mesh-group-id>
</vpls-dynamic-interface-repository>
</vpls-dynamic-interface-repository-information>

```

Description Information about one or more dynamic interface replication entries

<vpls-dynamic-interface-repository-information>

Usage

```

<vpls-dynamic-interface-repository-information>
  <vpls-dynamic-interface-repository>....</vpls-dynamic-interface-repository>

  <vpls-ldp-dynamic-interface-repository-entity>....</vpls-ldp-dynamic-interface-repository-entity>

</vpls-dynamic-interface-repository-information>

```

Description Information about the VPLS dynamic interface replication repository

<vpls-ldp-dynamic-interface-repository>

Usage

```
<vpls-ldp-dynamic-interface-repository>
  <vpls-id>
    vpls-id
  </vpls-id>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <interface-name>
    interface-name
  </interface-name>
  <vpls-label>
    vpls-label
  </vpls-label>
  <ifl-repository-state>
    ifl-repository-state
  </ifl-repository-state>
  <mesh-group-id>
    mesh-group-id
  </mesh-group-id>
</vpls-ldp-dynamic-interface-repository>
```

Description Information about one or more dynamic interface replication entries

<vpls-ldp-dynamic-interface-repository>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <vpls-ldp-dynamic-interface-repository>
    <vpls-id>
      vpls-id
    </vpls-id>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <interface-name>
      interface-name
    </interface-name>
    <vpls-label>
      vpls-label
    </vpls-label>
    <ifl-repository-state>
      ifl-repository-state
    </ifl-repository-state>
    <mesh-group-id>
      mesh-group-id
    </mesh-group-id>
  </vpls-ldp-dynamic-interface-repository>
</vpls-ldp-dynamic-interface-repository-entity>
```


Description Information about one or more dynamic interface replication entries

<vpls-ldp-dynamic-interface-repository>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <vpls-ldp-dynamic-interface-repository>
      <vpls-id>
        vpls-id
      </vpls-id>
      <neighbor-id>
        neighbor-id
      </neighbor-id>
      <interface-name>
        interface-name
      </interface-name>
      <vpls-label>
        vpls-label
      </vpls-label>
      <ifl-repository-state>
        ifl-repository-state
      </ifl-repository-state>
      <mesh-group-id>
        mesh-group-id
      </mesh-group-id>
    </vpls-ldp-dynamic-interface-repository>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about one or more dynamic interface replication entries

<vpls-ldp-dynamic-interface-repository-entity>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>....</instance>

<vpls-ldp-dynamic-interface-repository>....</vpls-ldp-dynamic-interface-repository>
  </vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about the VPLS dynamic interface using LDP signaling

<vpls-ldp-dynamic-interface-repository-entity>

Usage

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>....</instance>

<vpls-ldp-dynamic-interface-repository>....</vpls-ldp-dynamic-interface-repository>
  </vpls-ldp-dynamic-interface-repository-entity>
```

```
</vpls-dynamic-interface-repository-information>
```

Description Information about the VPLS dynamic interface using LDP signaling

<vpls-ldp-label-repository>

Usage

```
<vpls-ldp-label-repository>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <vpls-id>
    vpls-id
  </vpls-id>
  <vpls-label>
    vpls-label
  </vpls-label>
  <label-repository-state>
    label-repository-state
  </label-repository-state>
</vpls-ldp-label-repository>
```

Description Information about one or more VPLS label replication entries

<vpls-ldp-label-repository>

Usage

```
<vpls-ldp-label-repository-entity>
  <vpls-ldp-label-repository>
    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <vpls-id>
      vpls-id
    </vpls-id>
    <vpls-label>
      vpls-label
    </vpls-label>
    <label-repository-state>
      label-repository-state
    </label-repository-state>
  </vpls-ldp-label-repository>
</vpls-ldp-label-repository-entity>
```

Description Information about one or more VPLS label replication entries

<vpls-ldp-label-repository>

Usage

```
<vpls-ldp-label-repository-information>
  <vpls-ldp-label-repository-entity>
```

```

<vpls-ldp-label-repository>
  <neighbor-id>
    neighbor-id
  </neighbor-id>
  <vpls-id>
    vpls-id
  </vpls-id>
  <vpls-label>
    vpls-label
  </vpls-label>
  <label-repository-state>
    label-repository-state
  </label-repository-state>
</vpls-ldp-label-repository>
</vpls-ldp-label-repository-entity>
</vpls-ldp-label-repository-information>

```

Description Information about one or more VPLS label replication entries

<vpls-ldp-label-repository-entity>

Usage

```

<vpls-ldp-label-repository-entity>
  <instance-name>
    instance-name
  </instance-name>
  <vpls-ldp-label-repository>....</vpls-ldp-label-repository>
</vpls-ldp-label-repository-entity>

```

Description Information about VPLS label replication using LDP signaling

<vpls-ldp-label-repository-entity>

Usage

```

<vpls-ldp-label-repository-information>
  <vpls-ldp-label-repository-entity>
    <instance-name>
      instance-name
    </instance-name>
    <vpls-ldp-label-repository>....</vpls-ldp-label-repository>
  </vpls-ldp-label-repository-entity>
</vpls-ldp-label-repository-information>

```

Description Information about VPLS label replication using LDP signaling

<vpls-ldp-label-repository-information>

Usage

```

<vpls-ldp-label-repository-information>
  <vpls-ldp-label-repository-entity>....</vpls-ldp-label-repository-entity>

```

</vpls-ldp-label-repository-information>

Description Information about VPLS label replication using LDP signaling

<vpls-protocol-state>

Usage

```
<instance>
  <vpls-protocol-state>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <mesh-group-connection>....</mesh-group-connection>
    <reference-site>....</reference-site>
  </vpls-protocol-state>
</instance>
```

Description

<vpls-protocol-state>

Usage

```
<l2vpn-connection-information>
  <instance>
    <vpls-protocol-state>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
```

```

    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <mesh-group-connection>....</mesh-group-connection>
    <reference-site>....</reference-site>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description

<vpls-protocol-state>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <mesh-group-interfaces>....</mesh-group-interfaces>
      <interface>....</interface>
      <mesh-group-connection>....</mesh-group-connection>
      <reference-site>....</reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-connection-information>

```

Description

<vpls-protocol-state>

Usage

```

<vpls-statistics-information>

```

```
<instance>
  <vpls-protocol-state>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <mesh-group-connection>....</mesh-group-connection>
    <reference-site>....</reference-site>
  </vpls-protocol-state>
</instance>
</vpls-statistics-information>
```

Description

<vpls-protocol-state>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <vpls-signaling-protocol-identifier>
        vpls-signaling-protocol-identifier
      </vpls-signaling-protocol-identifier>
      <num-local-interfaces>
        num-local-interfaces
      </num-local-interfaces>
      <num-local-interfaces-up>
        num-local-interfaces-up
      </num-local-interfaces-up>
      <irb-present>
        irb-present
      </irb-present>
      <mesh-group-count>
        mesh-group-count
      </mesh-group-count>
      <mesh-group-up-count>
        mesh-group-up-count
      </mesh-group-up-count>
      <mesh-group-interfaces>....</mesh-group-interfaces>
```

```

<interface>....</interface>
<mesh-group-connection>....</mesh-group-connection>
<reference-site>....</reference-site>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description

<vpls-protocol-state>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>
    <num-local-interfaces>
      num-local-interfaces
    </num-local-interfaces>
    <num-local-interfaces-up>
      num-local-interfaces-up
    </num-local-interfaces-up>
    <irb-present>
      irb-present
    </irb-present>
    <mesh-group-count>
      mesh-group-count
    </mesh-group-count>
    <mesh-group-up-count>
      mesh-group-up-count
    </mesh-group-up-count>
    <mesh-group-interfaces>....</mesh-group-interfaces>
    <interface>....</interface>
    <mesh-group-connection>....</mesh-group-connection>
    <reference-site>....</reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description

<vpls-protocol-state>

Usage

```

<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <vpls-signaling-protocol-identifier>
      vpls-signaling-protocol-identifier
    </vpls-signaling-protocol-identifier>

```

```
<num-local-interfaces>
  num-local-interfaces
</num-local-interfaces>
<num-local-interfaces-up>
  num-local-interfaces-up
</num-local-interfaces-up>
<irb-present>
  irb-present
</irb-present>
<mesh-group-count>
  mesh-group-count
</mesh-group-count>
<mesh-group-up-count>
  mesh-group-up-count
</mesh-group-up-count>
<mesh-group-interfaces>....</mesh-group-interfaces>
<interface>....</interface>
<mesh-group-connection>....</mesh-group-connection>
<reference-site>....</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description

<vpls-rsvp-te-ingress-p2mp-lsp>

Usage

```
<vpls-rsvp-te-ingress-p2mp-lsp>
<vpls-ingress-p2mp-lsp-name>
  vpls-ingress-p2mp-lsp-name
</vpls-ingress-p2mp-lsp-name>
<vpls-rsvp-te-p2mp-flood-nexthop-id>
  vpls-rsvp-te-p2mp-flood-nexthop-id
</vpls-rsvp-te-p2mp-flood-nexthop-id>
</vpls-rsvp-te-ingress-p2mp-lsp>
```

Description

<vpls-rsvp-te-ingress-p2mp-lsp>

Usage

```
<instance>
<vpls-rsvp-te-ingress-p2mp-lsp>
<vpls-ingress-p2mp-lsp-name>
  vpls-ingress-p2mp-lsp-name
</vpls-ingress-p2mp-lsp-name>
<vpls-rsvp-te-p2mp-flood-nexthop-id>
  vpls-rsvp-te-p2mp-flood-nexthop-id
</vpls-rsvp-te-p2mp-flood-nexthop-id>
</vpls-rsvp-te-ingress-p2mp-lsp>
</instance>
```


Description

<vpls-rsvp-te-ingress-p2mp-lsp>

Usage

```

<l2vpn-connection-information>
  <instance>
    <vpls-rsvp-te-ingress-p2mp-lsp>
      <vpls-ingress-p2mp-lsp-name>
        vpls-ingress-p2mp-lsp-name
      </vpls-ingress-p2mp-lsp-name>
      <vpls-rsvp-te-p2mp-flood-nexthop-id>
        vpls-rsvp-te-p2mp-flood-nexthop-id
      </vpls-rsvp-te-p2mp-flood-nexthop-id>
    </vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>
</l2vpn-connection-information>

```

Description

<vpls-rsvp-te-ingress-p2mp-lsp>

Usage

```

<vpls-connection-information>
  <instance>
    <vpls-rsvp-te-ingress-p2mp-lsp>
      <vpls-ingress-p2mp-lsp-name>
        vpls-ingress-p2mp-lsp-name
      </vpls-ingress-p2mp-lsp-name>
      <vpls-rsvp-te-p2mp-flood-nexthop-id>
        vpls-rsvp-te-p2mp-flood-nexthop-id
      </vpls-rsvp-te-p2mp-flood-nexthop-id>
    </vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>
</vpls-connection-information>

```

Description

<vpls-rsvp-te-ingress-p2mp-lsp>

Usage

```

<vpls-statistics-information>
  <instance>
    <vpls-rsvp-te-ingress-p2mp-lsp>
      <vpls-ingress-p2mp-lsp-name>
        vpls-ingress-p2mp-lsp-name
      </vpls-ingress-p2mp-lsp-name>
      <vpls-rsvp-te-p2mp-flood-nexthop-id>
        vpls-rsvp-te-p2mp-flood-nexthop-id
      </vpls-rsvp-te-p2mp-flood-nexthop-id>
    </vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>
</vpls-statistics-information>

```

Description**<vpls-rsvp-te-ingress-p2mp-lsp>****Usage**

```
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-rsvp-te-ingress-p2mp-lsp>
      <vpls-ingress-p2mp-lsp-name>
        vpls-ingress-p2mp-lsp-name
      </vpls-ingress-p2mp-lsp-name>
      <vpls-rsvp-te-p2mp-flood-nexthop-id>
        vpls-rsvp-te-p2mp-flood-nexthop-id
      </vpls-rsvp-te-p2mp-flood-nexthop-id>
    </vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description**<vpls-rsvp-te-ingress-p2mp-lsp>****Usage**

```
<vpls-dynamic-interface-repository-information>
  <vpls-ldp-dynamic-interface-repository-entity>
    <instance>
      <vpls-rsvp-te-ingress-p2mp-lsp>
        <vpls-ingress-p2mp-lsp-name>
          vpls-ingress-p2mp-lsp-name
        </vpls-ingress-p2mp-lsp-name>
        <vpls-rsvp-te-p2mp-flood-nexthop-id>
          vpls-rsvp-te-p2mp-flood-nexthop-id
        </vpls-rsvp-te-p2mp-flood-nexthop-id>
      </vpls-rsvp-te-ingress-p2mp-lsp>
    </instance>
  </vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description**<vpls-rsvp-te-ingress-p2mp-lsp>****Usage**

```
<mvpn-instance-information>
  <instance>
    <vpls-rsvp-te-ingress-p2mp-lsp>
      <vpls-ingress-p2mp-lsp-name>
        vpls-ingress-p2mp-lsp-name
      </vpls-ingress-p2mp-lsp-name>
      <vpls-rsvp-te-p2mp-flood-nexthop-id>
        vpls-rsvp-te-p2mp-flood-nexthop-id
      </vpls-rsvp-te-p2mp-flood-nexthop-id>
    </vpls-rsvp-te-ingress-p2mp-lsp>
  </instance>
```

```
</mvpn-instance-information>
```

Description

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-rsvp-te-p2mp-lsp-information>
  <vpls-ingress-p2mp-branch-lsp-name>
    vpls-ingress-p2mp-branch-lsp-name
  </vpls-ingress-p2mp-branch-lsp-name>
  <vpls-ingress-p2mp-branch-lsp-state>
    vpls-ingress-p2mp-branch-lsp-state
  </vpls-ingress-p2mp-branch-lsp-state>
  <vpls-egress-p2mp-branch-lsp-name>
    vpls-egress-p2mp-branch-lsp-name
  </vpls-egress-p2mp-branch-lsp-name>
  <vpls-egress-p2mp-branch-lsp-state>
    vpls-egress-p2mp-branch-lsp-state
  </vpls-egress-p2mp-branch-lsp-state>
</vpls-rsvp-te-p2mp-lsp-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<connection>
  <vpls-rsvp-te-p2mp-lsp-information>
    <vpls-ingress-p2mp-branch-lsp-name>
      vpls-ingress-p2mp-branch-lsp-name
    </vpls-ingress-p2mp-branch-lsp-name>
    <vpls-ingress-p2mp-branch-lsp-state>
      vpls-ingress-p2mp-branch-lsp-state
    </vpls-ingress-p2mp-branch-lsp-state>
    <vpls-egress-p2mp-branch-lsp-name>
      vpls-egress-p2mp-branch-lsp-name
    </vpls-egress-p2mp-branch-lsp-name>
    <vpls-egress-p2mp-branch-lsp-state>
      vpls-egress-p2mp-branch-lsp-state
    </vpls-egress-p2mp-branch-lsp-state>
  </vpls-rsvp-te-p2mp-lsp-information>
</connection>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<mesh-group-connection>
  <connection>
    <vpls-rsvp-te-p2mp-lsp-information>
```

```
<vpls-ingress-p2mp-branch-lsp-name>
  vpls-ingress-p2mp-branch-lsp-name
</vpls-ingress-p2mp-branch-lsp-name>
<vpls-ingress-p2mp-branch-lsp-state>
  vpls-ingress-p2mp-branch-lsp-state
</vpls-ingress-p2mp-branch-lsp-state>
<vpls-egress-p2mp-branch-lsp-name>
  vpls-egress-p2mp-branch-lsp-name
</vpls-egress-p2mp-branch-lsp-name>
<vpls-egress-p2mp-branch-lsp-state>
  vpls-egress-p2mp-branch-lsp-state
</vpls-egress-p2mp-branch-lsp-state>
</vpls-rsvp-te-p2mp-lsp-information>
</connection>
</mesh-group-connection>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<instance>
  <reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
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          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </reference-site>
</instance>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
```

```

        vpls-ingress-p2mp-branch-lsp-name
      </vpls-ingress-p2mp-branch-lsp-name>
      <vpls-ingress-p2mp-branch-lsp-state>
        vpls-ingress-p2mp-branch-lsp-state
      </vpls-ingress-p2mp-branch-lsp-state>
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        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
      <vpls-egress-p2mp-branch-lsp-state>
        vpls-egress-p2mp-branch-lsp-state
      </vpls-egress-p2mp-branch-lsp-state>
    </vpls-rsvp-te-p2mp-lsp-information>
  </connection>
</mesh-group-connection>
</reference-site>
</instance>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </ldp-vpls-reference-site>
</instance>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>

```

```
<vpls-ingress-p2mp-branch-lsp-name>
  vpls-ingress-p2mp-branch-lsp-name
</vpls-ingress-p2mp-branch-lsp-name>
<vpls-ingress-p2mp-branch-lsp-state>
  vpls-ingress-p2mp-branch-lsp-state
</vpls-ingress-p2mp-branch-lsp-state>
<vpls-egress-p2mp-branch-lsp-name>
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</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<instance>
<vpls-protocol-state>
<mesh-group-connection>
<connection>
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      vpls-ingress-p2mp-branch-lsp-name
    </vpls-ingress-p2mp-branch-lsp-name>
    <vpls-ingress-p2mp-branch-lsp-state>
      vpls-ingress-p2mp-branch-lsp-state
    </vpls-ingress-p2mp-branch-lsp-state>
    <vpls-egress-p2mp-branch-lsp-name>
      vpls-egress-p2mp-branch-lsp-name
    </vpls-egress-p2mp-branch-lsp-name>
    <vpls-egress-p2mp-branch-lsp-state>
      vpls-egress-p2mp-branch-lsp-state
    </vpls-egress-p2mp-branch-lsp-state>
  </vpls-rsvp-te-p2mp-lsp-information>
</connection>
</mesh-group-connection>
</vpls-protocol-state>
</instance>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<instance>
<vpls-protocol-state>
```

```

<reference-site>
  <connection>
    <vpls-rsvp-te-p2mp-lsp-information>
      <vpls-ingress-p2mp-branch-lsp-name>
        vpls-ingress-p2mp-branch-lsp-name
      </vpls-ingress-p2mp-branch-lsp-name>
      <vpls-ingress-p2mp-branch-lsp-state>
        vpls-ingress-p2mp-branch-lsp-state
      </vpls-ingress-p2mp-branch-lsp-state>
      <vpls-egress-p2mp-branch-lsp-name>
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
      <vpls-egress-p2mp-branch-lsp-state>
        vpls-egress-p2mp-branch-lsp-state
      </vpls-egress-p2mp-branch-lsp-state>
    </vpls-rsvp-te-p2mp-lsp-information>
  </connection>
</reference-site>
</vpls-protocol-state>
</instance>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
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              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
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        </connection>
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    </reference-site>
  </vpls-protocol-state>
</instance>

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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<l2vpn-connection-information>
<instance>
  <reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
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    </connection>
  </reference-site>
</instance>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<l2vpn-connection-information>
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    <mesh-group-connection>
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          </vpls-ingress-p2mp-branch-lsp-name>
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            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
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        </vpls-rsvp-te-p2mp-lsp-information>
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    </mesh-group-connection>
  </reference-site>
</instance>
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</l2vpn-connection-information>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<l2vpn-connection-information>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
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    </connection>
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</instance>
</l2vpn-connection-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<l2vpn-connection-information>
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  <ldp-vpls-reference-site>
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      <connection>
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            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

```
</vpls-rsvp-te-p2mp-lsp-information>
</connection>
</mesh-group-connection>
</ldp-vpls-reference-site>
</instance>
</l2vpn-connection-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<l2vpn-connection-information>
<instance>
<vpls-protocol-state>
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<connection>
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<vpls-ingress-p2mp-branch-lsp-state>
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</vpls-protocol-state>
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</l2vpn-connection-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<l2vpn-connection-information>
<instance>
<vpls-protocol-state>
<reference-site>
<connection>
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</vpls-ingress-p2mp-branch-lsp-name>
<vpls-ingress-p2mp-branch-lsp-state>
  vpls-ingress-p2mp-branch-lsp-state
```

```

        </vpls-ingress-p2mp-branch-lsp-state>
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        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
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    </connection>
  </reference-site>
</vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<l2vpn-connection-information>
<instance>
  <vpls-protocol-state>
    <reference-site>
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        <connection>
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              vpls-ingress-p2mp-branch-lsp-name
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            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
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        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</l2vpn-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-connection-information>
<instance>

```

```

<reference-site>
  <connection>
    <vpls-rsvp-te-p2mp-lsp-information>
      <vpls-ingress-p2mp-branch-lsp-name>
        vpls-ingress-p2mp-branch-lsp-name
      </vpls-ingress-p2mp-branch-lsp-name>
      <vpls-ingress-p2mp-branch-lsp-state>
        vpls-ingress-p2mp-branch-lsp-state
      </vpls-ingress-p2mp-branch-lsp-state>
      <vpls-egress-p2mp-branch-lsp-name>
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
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        vpls-egress-p2mp-branch-lsp-state
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  </connection>
</reference-site>
</instance>
</vpls-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-connection-information>
  <instance>
    <reference-site>
      <mesh-group-connection>
        <connection>
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              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </instance>
</vpls-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-connection-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
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          <vpls-egress-p2mp-branch-lsp-name>
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```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-connection-information>
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    <ldp-vpls-reference-site>
      <mesh-group-connection>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
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              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
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        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>

```

</vpls-connection-information>

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
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    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
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              vpls-egress-p2mp-branch-lsp-name
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              vpls-egress-p2mp-branch-lsp-state
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        </connection>
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    </vpls-protocol-state>
  </instance>
</vpls-connection-information>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-connection-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
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              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
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            <vpls-egress-p2mp-branch-lsp-state>
```

```

        vpls-egress-p2mp-branch-lsp-state
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</reference-site>
</vpls-protocol-state>
</instance>
</vpls-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<vpls-connection-information>
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      <reference-site>
        <mesh-group-connection>
          <connection>
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              <vpls-ingress-p2mp-branch-lsp-name>
                vpls-ingress-p2mp-branch-lsp-name
              </vpls-ingress-p2mp-branch-lsp-name>
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        </mesh-group-connection>
      </reference-site>
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</vpls-connection-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-statistics-information>
  <instance>
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      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
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            vpls-ingress-p2mp-branch-lsp-name

```

```
</vpls-ingress-p2mp-branch-lsp-name>
<vpls-ingress-p2mp-branch-lsp-state>
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</instance>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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      <connection>
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          </vpls-ingress-p2mp-branch-lsp-name>
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            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
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          </vpls-egress-p2mp-branch-lsp-name>
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            vpls-egress-p2mp-branch-lsp-state
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        </vpls-rsvp-te-p2mp-lsp-information>
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    </mesh-group-connection>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-statistics-information>
<instance>
```



```

<ldp-vpls-reference-site>
  <connection>
    <vpls-rsvp-te-p2mp-lsp-information>
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      </vpls-ingress-p2mp-branch-lsp-name>
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        vpls-ingress-p2mp-branch-lsp-state
      </vpls-ingress-p2mp-branch-lsp-state>
      <vpls-egress-p2mp-branch-lsp-name>
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
      <vpls-egress-p2mp-branch-lsp-state>
        vpls-egress-p2mp-branch-lsp-state
      </vpls-egress-p2mp-branch-lsp-state>
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  </connection>
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</instance>
</vpls-statistics-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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  <instance>
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            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
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              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
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              vpls-egress-p2mp-branch-lsp-state
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        </connection>
      </mesh-group-connection>
    </ldp-vpls-reference-site>
  </instance>
</vpls-statistics-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<vpls-statistics-information>
  <instance>
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              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
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              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
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              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
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      </mesh-group-connection>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<vpls-statistics-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
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              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </reference-site>
```

```

    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-statistics-information>
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    <vpls-protocol-state>
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        <mesh-group-connection>
          <connection>
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                vpls-ingress-p2mp-branch-lsp-name
              </vpls-ingress-p2mp-branch-lsp-name>
              <vpls-ingress-p2mp-branch-lsp-state>
                vpls-ingress-p2mp-branch-lsp-state
              </vpls-ingress-p2mp-branch-lsp-state>
              <vpls-egress-p2mp-branch-lsp-name>
                vpls-egress-p2mp-branch-lsp-name
              </vpls-egress-p2mp-branch-lsp-name>
              <vpls-egress-p2mp-branch-lsp-state>
                vpls-egress-p2mp-branch-lsp-state
              </vpls-egress-p2mp-branch-lsp-state>
            </vpls-rsvp-te-p2mp-lsp-information>
          </connection>
        </mesh-group-connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-statistics-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <reference-site>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>

```

```
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
    <vpls-egress-p2mp-branch-lsp-state>
      vpls-egress-p2mp-branch-lsp-state
    </vpls-egress-p2mp-branch-lsp-state>
  </vpls-rsvp-te-p2mp-lsp-information>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
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            vpls-ingress-p2mp-branch-lsp-state
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      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
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        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
```

```

        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
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        </vpls-egress-p2mp-branch-lsp-name>
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      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
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```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
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      </connection>
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</instance>
</vpls-ldp-dynamic-interface-repository-entity>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-ldp-dynamic-interface-repository-entity>
<instance>

```

```
<vpls-protocol-state>
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        <vpls-ingress-p2mp-branch-lsp-name>
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        </vpls-ingress-p2mp-branch-lsp-name>
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          vpls-egress-p2mp-branch-lsp-name
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          vpls-egress-p2mp-branch-lsp-state
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    </connection>
  </mesh-group-connection>
</vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-ldp-dynamic-interface-repository-entity>
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    <vpls-protocol-state>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<vpls-ldp-dynamic-interface-repository-entity>
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            <vpls-ingress-p2mp-branch-lsp-state>
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      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
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Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

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<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
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          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
```

```
</vpls-egress-p2mp-branch-lsp-state>
</vpls-rsvp-te-p2mp-lsp-information>
</connection>
</reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </mesh-group-connection>
  </reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```



```

        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <mesh-group-connection>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </mesh-group-connection>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>
```

```

        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<vpls-dynamic-interface-repository-information>
<vpls-ldp-dynamic-interface-repository-entity>
<instance>
  <vpls-protocol-state>
    <reference-site>
      <mesh-group-connection>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </mesh-group-connection>
    </reference-site>
  </vpls-protocol-state>
</instance>
</vpls-ldp-dynamic-interface-repository-entity>
</vpls-dynamic-interface-repository-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<l2circuit-connection-information>
<l2circuit-neighbor>
<connection>
  <vpls-rsvp-te-p2mp-lsp-information>
    <vpls-ingress-p2mp-branch-lsp-name>
      vpls-ingress-p2mp-branch-lsp-name

```

```
</vpls-ingress-p2mp-branch-lsp-name>
<vpls-ingress-p2mp-branch-lsp-state>
  vpls-ingress-p2mp-branch-lsp-state
</vpls-ingress-p2mp-branch-lsp-state>
<vpls-egress-p2mp-branch-lsp-name>
  vpls-egress-p2mp-branch-lsp-name
</vpls-egress-p2mp-branch-lsp-name>
<vpls-egress-p2mp-branch-lsp-state>
  vpls-egress-p2mp-branch-lsp-state
</vpls-egress-p2mp-branch-lsp-state>
</vpls-rsvp-te-p2mp-lsp-information>
</connection>
</l2circuit-neighbor>
</l2circuit-connection-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <connection>
      <vpls-rsvp-te-p2mp-lsp-information>
        <vpls-ingress-p2mp-branch-lsp-name>
          vpls-ingress-p2mp-branch-lsp-name
        </vpls-ingress-p2mp-branch-lsp-name>
        <vpls-ingress-p2mp-branch-lsp-state>
          vpls-ingress-p2mp-branch-lsp-state
        </vpls-ingress-p2mp-branch-lsp-state>
        <vpls-egress-p2mp-branch-lsp-name>
          vpls-egress-p2mp-branch-lsp-name
        </vpls-egress-p2mp-branch-lsp-name>
        <vpls-egress-p2mp-branch-lsp-state>
          vpls-egress-p2mp-branch-lsp-state
        </vpls-egress-p2mp-branch-lsp-state>
      </vpls-rsvp-te-p2mp-lsp-information>
    </connection>
  </reference-site>
</instance>
</mvpn-instance-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<mvpn-instance-information>
<instance>
  <reference-site>
    <mesh-group-connection>
      <connection>
```

```

    <vpls-rsvp-te-p2mp-lsp-information>
      <vpls-ingress-p2mp-branch-lsp-name>
        vpls-ingress-p2mp-branch-lsp-name
      </vpls-ingress-p2mp-branch-lsp-name>
      <vpls-ingress-p2mp-branch-lsp-state>
        vpls-ingress-p2mp-branch-lsp-state
      </vpls-ingress-p2mp-branch-lsp-state>
      <vpls-egress-p2mp-branch-lsp-name>
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
      <vpls-egress-p2mp-branch-lsp-state>
        vpls-egress-p2mp-branch-lsp-state
      </vpls-egress-p2mp-branch-lsp-state>
    </vpls-rsvp-te-p2mp-lsp-information>
  </connection>
</mesh-group-connection>
</reference-site>
</instance>
</mvpn-instance-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<mvpn-instance-information>
  <instance>
    <ldp-vpls-reference-site>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </ldp-vpls-reference-site>
  </instance>
</mvpn-instance-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<mvpn-instance-information>
<instance>
  <ldp-vpls-reference-site>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </mesh-group-connection>
  </ldp-vpls-reference-site>
</instance>
</mvpn-instance-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```
<mvpn-instance-information>
<instance>
  <vpls-protocol-state>
    <mesh-group-connection>
      <connection>
        <vpls-rsvp-te-p2mp-lsp-information>
          <vpls-ingress-p2mp-branch-lsp-name>
            vpls-ingress-p2mp-branch-lsp-name
          </vpls-ingress-p2mp-branch-lsp-name>
          <vpls-ingress-p2mp-branch-lsp-state>
            vpls-ingress-p2mp-branch-lsp-state
          </vpls-ingress-p2mp-branch-lsp-state>
          <vpls-egress-p2mp-branch-lsp-name>
            vpls-egress-p2mp-branch-lsp-name
          </vpls-egress-p2mp-branch-lsp-name>
          <vpls-egress-p2mp-branch-lsp-state>
            vpls-egress-p2mp-branch-lsp-state
          </vpls-egress-p2mp-branch-lsp-state>
        </vpls-rsvp-te-p2mp-lsp-information>
      </connection>
    </mesh-group-connection>
```

```

    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <connection>
          <vpls-rsvp-te-p2mp-lsp-information>
            <vpls-ingress-p2mp-branch-lsp-name>
              vpls-ingress-p2mp-branch-lsp-name
            </vpls-ingress-p2mp-branch-lsp-name>
            <vpls-ingress-p2mp-branch-lsp-state>
              vpls-ingress-p2mp-branch-lsp-state
            </vpls-ingress-p2mp-branch-lsp-state>
            <vpls-egress-p2mp-branch-lsp-name>
              vpls-egress-p2mp-branch-lsp-name
            </vpls-egress-p2mp-branch-lsp-name>
            <vpls-egress-p2mp-branch-lsp-state>
              vpls-egress-p2mp-branch-lsp-state
            </vpls-egress-p2mp-branch-lsp-state>
          </vpls-rsvp-te-p2mp-lsp-information>
        </connection>
      </reference-site>
    </vpls-protocol-state>
  </instance>
</mvpn-instance-information>

```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-rsvp-te-p2mp-lsp-information>

Usage

```

<mvpn-instance-information>
  <instance>
    <vpls-protocol-state>
      <reference-site>
        <mesh-group-connection>
          <connection>
            <vpls-rsvp-te-p2mp-lsp-information>
              <vpls-ingress-p2mp-branch-lsp-name>
                vpls-ingress-p2mp-branch-lsp-name
              </vpls-ingress-p2mp-branch-lsp-name>
              <vpls-ingress-p2mp-branch-lsp-state>
                vpls-ingress-p2mp-branch-lsp-state
              </vpls-ingress-p2mp-branch-lsp-state>
              <vpls-egress-p2mp-branch-lsp-name>

```

```
        vpls-egress-p2mp-branch-lsp-name
      </vpls-egress-p2mp-branch-lsp-name>
    <vpls-egress-p2mp-branch-lsp-state>
      vpls-egress-p2mp-branch-lsp-state
    </vpls-egress-p2mp-branch-lsp-state>
  </vpls-rsvp-te-p2mp-lsp-information>
</connection>
</mesh-group-connection>
</reference-site>
</vpls-protocol-state>
</instance>
</mvpn-instance-information>
```

Description Information about one or more VPLS RSVP-TE point-to-multipoint LSPs

<vpls-statistics-information>

Usage

```
<vpls-statistics-information>
  <instance>....</instance>
  <interface-statistics>....</interface-statistics>
</vpls-statistics-information>
```

Description

<vrrp-group>

Usage

```
<ipv6-ra-interface>
  <vrrp-group>
    <vrrp-group-id>
      vrrp-group-id
    </vrrp-group-id>
    <vrrp-advertisements-sent>
      vrrp-advertisements-sent
    </vrrp-advertisements-sent>
    <vrrp-advertisement-sent-time>
      vrrp-advertisement-sent-time
    </vrrp-advertisement-sent-time>
    <vrrp-solicits-received>
      vrrp-solicits-received
    </vrrp-solicits-received>
    <vrrp-solicit-receive-time>
      vrrp-solicit-receive-time
    </vrrp-solicit-receive-time>
    <vrrp-advertisements-received>
      vrrp-advertisements-received
    </vrrp-advertisements-received>
  </vrrp-group>
</ipv6-ra-interface>
```

Description

<vrrp-group>**Usage**

```

<ipv6-ra-information>
  <ipv6-ra-interface>
    <vrrp-group>
      <vrrp-group-id>
        vrrp-group-id
      </vrrp-group-id>
      <vrrp-advertisements-sent>
        vrrp-advertisements-sent
      </vrrp-advertisements-sent>
      <vrrp-advertisement-sent-time>
        vrrp-advertisement-sent-time
      </vrrp-advertisement-sent-time>
      <vrrp-solicits-received>
        vrrp-solicits-received
      </vrrp-solicits-received>
      <vrrp-solicit-receive-time>
        vrrp-solicit-receive-time
      </vrrp-solicit-receive-time>
      <vrrp-advertisements-received>
        vrrp-advertisements-received
      </vrrp-advertisements-received>
    </vrrp-group>
  </ipv6-ra-interface>
</ipv6-ra-information>

```

Description**Summary of Real-Time Performance Monitoring Response Tags****<active-servers>****Usage**

```

<active-servers>
  <configured-servers>....</configured-servers>
</active-servers>

```

Description**<configured-servers>****Usage**

```

<configured-servers>
  <protocol>
    protocol
  </protocol>
  <port>
    port
  </port>
  <destination-interface>
    destination-interface

```

```
</destination-interface>
</configured-servers>
```

Description

<configured-servers>

Usage

```
<active-servers>
  <configured-servers>
    <protocol>
      protocol
    </protocol>
    <port>
      port
    </port>
    <destination-interface>
      destination-interface
    </destination-interface>
  </configured-servers>
</active-servers>
```

Description

<connection>

Usage

```
<twamp-server-information>
  <connection>
    <connection-id>
      connection-id
    </connection-id>
    <client-address>
      client-address
    </client-address>
    <client-port>
      client-port
    </client-port>
    <server-address>
      server-address
    </server-address>
    <server-port>
      server-port
    </server-port>
    <session-count>
      session-count
    </session-count>
    <authentication-mode>
      authentication-mode
    </authentication-mode>
  </connection>
</twamp-server-information>
```

Description Server connection

<history-results>

Usage

```
<history-results>
  <history-test-results>....</history-test-results>
</history-results>
```

Description

<history-test-results>

Usage

```
<history-results>
  <history-test-results>
    <owner>
      owner
    </owner>
    <test-name>
      test-name
    </test-name>
    <target-address>
      target-address
    </target-address>
    <target-url>
      target-url
    </target-url>
    <source-address>
      source-address
    </source-address>
    <destination-interface>
      destination-interface
    </destination-interface>
    <probe-type>
      probe-type
    </probe-type>
    <probe-single-results>....</probe-single-results>
    <probe-test-current-results>....</probe-test-current-results>
    <loss-thresh-total>
      loss-thresh-total
    </loss-thresh-total>
    <loss-thresh-succ>
      loss-thresh-succ
    </loss-thresh-succ>
    <delay-thresh>
      delay-thresh
    </delay-thresh>
    <jitter-thresh>
      jitter-thresh
    </jitter-thresh>
    <stddev-thresh>
      stddev-thresh
    </stddev-thresh>
    <egress-thresh>
```

```
    egress-thresh
  </egress-thresh>
  <egress-jitter-thresh>
    egress-jitter-thresh
  </egress-jitter-thresh>
  <ingress-thresh>
    ingress-thresh
  </ingress-thresh>
  <ingress-jitter-thresh>
    ingress-jitter-thresh
  </ingress-jitter-thresh>
</history-test-results>
</history-results>
```

Description

<packet-statistics>

Usage

```
<twamp-server-information>
  <server>
    <session>
      <packet-statistics>
        <request-sessions-received>
          request-sessions-received
        </request-sessions-received>
        <accept-sessions-sent>
          accept-sessions-sent
        </accept-sessions-sent>
        <start-sessions-received>
          start-sessions-received
        </start-sessions-received>
        <stop-sessions-received>
          stop-sessions-received
        </stop-sessions-received>
        <test-packets-received>
          test-packets-received
        </test-packets-received>
        <test-packets-reflected>
          test-packets-reflected
        </test-packets-reflected>
        <last-sequence-number-received>
          last-sequence-number-received
        </last-sequence-number-received>
        <last-sequence-number-sent>
          last-sequence-number-sent
        </last-sequence-number-sent>
        <test-packets-dropped>
          test-packets-dropped
        </test-packets-dropped>
        <test-packets-dropped-details>....</test-packets-dropped-details>
      </packet-statistics>
    </session>
  </server>
```

```
</twamp-server-information>
```

Description Test session packet statistics

<packet-statistics>

Usage

```
<twamp-server-information>
  <server-statistics>
    <packet-statistics>
      <request-sessions-received>
        request-sessions-received
      </request-sessions-received>
      <accept-sessions-sent>
        accept-sessions-sent
      </accept-sessions-sent>
      <start-sessions-received>
        start-sessions-received
      </start-sessions-received>
      <stop-sessions-received>
        stop-sessions-received
      </stop-sessions-received>
      <test-packets-received>
        test-packets-received
      </test-packets-received>
      <test-packets-reflected>
        test-packets-reflected
      </test-packets-reflected>
      <last-sequence-number-received>
        last-sequence-number-received
      </last-sequence-number-received>
      <last-sequence-number-sent>
        last-sequence-number-sent
      </last-sequence-number-sent>
      <test-packets-dropped>
        test-packets-dropped
      </test-packets-dropped>
      <test-packets-dropped-details>....</test-packets-dropped-details>
    </packet-statistics>
  </server-statistics>
</twamp-server-information>
```

Description Test session packet statistics

<probe-last-test-info>

Usage

```
<probe-last-test-info>
  <last-test-time>
    last-test-time
  </last-test-time>
</probe-last-test-info>
```

Description

<probe-last-test-info>

Usage

```
<probe-test-generic-results>
  <probe-last-test-info>
    <last-test-time>
      last-test-time
    </last-test-time>
  </probe-last-test-info>
</probe-test-generic-results>
```

Description

<probe-last-test-info>

Usage

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-last-test-info>
      <last-test-time>
        last-test-time
      </last-test-time>
    </probe-last-test-info>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-last-test-info>

Usage

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-last-test-info>
      <last-test-time>
        last-test-time
      </last-test-time>
    </probe-last-test-info>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-last-test-info>

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-last-test-info>
      <last-test-time>
        last-test-time
      </last-test-time>
    </probe-last-test-info>
  </probe-test-generic-results>
</probe-test-moving-results>
```

```

    </probe-last-test-info>
  </probe-test-generic-results>
</probe-test-moving-results>

```

Description

<probe-last-test-info>

Usage

```

<probe-last-test-results>
  <probe-test-generic-results>
    <probe-last-test-info>
      <last-test-time>
        last-test-time
      </last-test-time>
    </probe-last-test-info>
  </probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-last-test-info>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-last-test-info>
          <last-test-time>
            last-test-time
          </last-test-time>
        </probe-last-test-info>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-last-test-info>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-last-test-info>
          <last-test-time>
            last-test-time
          </last-test-time>
        </probe-last-test-info>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

```
</probe-test-results>
</probe-results>
```

Description

<probe-last-test-info>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-last-test-info>
          <last-test-time>
            last-test-time
          </last-test-time>
        </probe-last-test-info>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-last-test-info>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-last-test-info>
          <last-test-time>
            last-test-time
          </last-test-time>
        </probe-last-test-info>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-last-test-info>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-last-test-info>
          <last-test-time>
            last-test-time
          </last-test-time>
        </probe-last-test-info>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```



```
    </probe-last-test-info>
  </probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>
```

Description**<probe-last-test-results>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>....</probe-test-generic-results>
</probe-last-test-results>
```

Description**<probe-last-test-results>****Usage**

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>....</probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-results>****Usage**

```
<probe-results>
  <probe-test-results>....</probe-test-results>
</probe-results>
```

Description**<probe-single-results>****Usage**

```
<probe-single-results>
  <owner>
    owner
  </owner>
  <test-name>
    test-name
  </test-name>
  <probe-time>
    probe-time
  </probe-time>
  <probe-status>
```

```
    probe-status
  </probe-status>
  <hardware-timestamp-status>
    hardware-timestamp-status
  </hardware-timestamp-status>
  <rtt>
    rtt
  </rtt>
  <ingress>
    ingress
  </ingress>
  <egress>
    egress
  </egress>
  <egress-jitter>
    egress-jitter
  </egress-jitter>
  <ingress-jitter>
    ingress-jitter
  </ingress-jitter>
  <round-trip-jitter>
    round-trip-jitter
  </round-trip-jitter>
  <egress-interarrival-jitter>
    egress-interarrival-jitter
  </egress-interarrival-jitter>
  <ingress-interarrival-jitter>
    ingress-interarrival-jitter
  </ingress-interarrival-jitter>
  <round-trip-interarrival-jitter>
    round-trip-interarrival-jitter
  </round-trip-interarrival-jitter>
</probe-single-results>
```

Description

<probe-single-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-single-results>
      <owner>
        owner
      </owner>
      <test-name>
        test-name
      </test-name>
      <probe-time>
        probe-time
      </probe-time>
      <probe-status>
        probe-status
      </probe-status>
      <hardware-timestamp-status>
```

```

    hardware-timestamp-status
  </hardware-timestamp-status>
  <rtt>
    rtt
  </rtt>
  <ingress>
    ingress
  </ingress>
  <egress>
    egress
  </egress>
  <egress-jitter>
    egress-jitter
  </egress-jitter>
  <ingress-jitter>
    ingress-jitter
  </ingress-jitter>
  <round-trip-jitter>
    round-trip-jitter
  </round-trip-jitter>
  <egress-interarrival-jitter>
    egress-interarrival-jitter
  </egress-interarrival-jitter>
  <ingress-interarrival-jitter>
    ingress-interarrival-jitter
  </ingress-interarrival-jitter>
  <round-trip-interarrival-jitter>
    round-trip-interarrival-jitter
  </round-trip-interarrival-jitter>
</probe-single-results>
</probe-test-results>
</probe-results>

```

Description

<probe-single-results>

Usage

```

<history-results>
  <history-test-results>
    <probe-single-results>
      <owner>
        owner
      </owner>
      <test-name>
        test-name
      </test-name>
      <probe-time>
        probe-time
      </probe-time>
      <probe-status>
        probe-status
      </probe-status>
      <hardware-timestamp-status>
        hardware-timestamp-status
    </probe-single-results>
  </history-test-results>
</history-results>

```

```
</hardware-timestamp-status>
<rtt>
  rtt
</rtt>
<ingress>
  ingress
</ingress>
<egress>
  egress
</egress>
<egress-jitter>
  egress-jitter
</egress-jitter>
<ingress-jitter>
  ingress-jitter
</ingress-jitter>
<round-trip-jitter>
  round-trip-jitter
</round-trip-jitter>
<egress-interarrival-jitter>
  egress-interarrival-jitter
</egress-interarrival-jitter>
<ingress-interarrival-jitter>
  ingress-interarrival-jitter
</ingress-interarrival-jitter>
<round-trip-interarrival-jitter>
  round-trip-interarrival-jitter
</round-trip-interarrival-jitter>
</probe-single-results>
</history-test-results>
</history-results>
```

Description

<probe-summary-results>

Usage

```
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
```

```

</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-rtt>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-rtt>

```

Description

<probe-summary-results>

Usage

```

<probe-test-ingress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>

```

```
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-ingress>
```

Description

<probe-summary-results>

Usage

```
<probe-test-egress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
```

```
</probe-test-egress>
```

Description

<probe-summary-results>

Usage

```
<probe-test-positive-egress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-positive-egress-jitter>
```

Description

<probe-summary-results>

Usage

```
<probe-test-negative-egress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
  </probe-summary-results>
```

```

</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>

```

Description

<probe-summary-results>

Usage

```

<probe-test-positive-ingress-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>

```

Description

<probe-summary-results>**Usage**

```

<probe-test-negative-ingress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-negative-ingress-jitter>

```

Description**<probe-summary-results>****Usage**

```

<probe-test-positive-round-trip-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>

```

```
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-round-trip-jitter>
```

Description

<probe-summary-results>

Usage

```
<probe-test-negative-round-trip-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-negative-round-trip-jitter>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
  <probe-test-rtt>
    <probe-summary-results>
      <probe-results-type>
```

```

    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-generic-results>
  <probe-test-egress>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
    
```

```
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
  <probe-test-ingress>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-ingress>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
  <probe-test-positive-egress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
```

```

</probe-results-type>
<min-delay>
  min-delay
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-egress-jitter>
</probe-test-generic-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-generic-results>
<probe-test-negative-egress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
  
```

```
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
<probe-test-positive-ingress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
<probe-test-negative-ingress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
```

```

<min-delay>
  min-delay
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-generic-results>
<probe-test-positive-round-trip-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>

```

```
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-generic-results>
  <probe-test-negative-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-rtt>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
```



```

<min-delay>
  min-delay
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>
</probe-test-current-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-egress>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
    
```

```
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-current-results>
<probe-test-generic-results>
<probe-test-ingress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-ingress>
</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-current-results>
<probe-test-generic-results>
```

```

<probe-test-positive-egress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-positive-egress-jitter>
</probe-test-generic-results>
</probe-test-current-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-negative-egress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
    </probe-summary-results>
  </probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-current-results>

```

```
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-positive-ingress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-summary-results>**Usage**

```

<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-negative-ingress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-test-current-results>

```

Description**<probe-summary-results>****Usage**

```

<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-positive-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>

```

```
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-current-results>
<probe-test-generic-results>
  <probe-test-negative-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
```

```
</probe-test-current-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
  <probe-test-rtt>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-rtt>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
  <probe-test-egress>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
```

```
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
<probe-test-ingress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
```



```

        samples
      </samples>
    </probe-summary-results>
  </probe-test-ingress>
</probe-test-generic-results>
</probe-test-global-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-positive-egress-jitter>
  </probe-test-generic-results>
</probe-test-global-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-negative-egress-jitter>
      <probe-summary-results>

```

```
<probe-results-type>
  probe-results-type
</probe-results-type>
<min-delay>
  min-delay
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
  <probe-test-positive-ingress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
```

```

</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-global-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-global-results>
<probe-test-generic-results>
<probe-test-negative-ingress-jitter>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-test-global-results>

```

Description

<probe-summary-results>

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
  <probe-test-positive-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-global-results>
<probe-test-generic-results>
  <probe-test-negative-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
```

```

    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
</probe-test-global-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-rtt>
  </probe-test-generic-results>

```

```
</probe-test-moving-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-egress>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-egress>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-ingress>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
```

```

</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-ingress>
</probe-test-generic-results>
</probe-test-moving-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-moving-results>
<probe-test-generic-results>
<probe-test-positive-egress-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>

```

```
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-egress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-moving-results>
<probe-test-generic-results>
  <probe-test-negative-egress-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
      </stddev-delay>
      <sum-delay>
        sum-delay
      </sum-delay>
      <samples>
        samples
      </samples>
    </probe-summary-results>
  </probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-moving-results>
<probe-test-generic-results>
  <probe-test-positive-ingress-jitter>
    <probe-summary-results>
```



```

    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>

```

Description

<probe-summary-results>

Usage

```

<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay

```

```
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-summary-results>

Usage

```
<probe-test-moving-results>
<probe-test-generic-results>
<probe-test-positive-round-trip-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-summary-results>

Usage

```

<probe-test-moving-results>
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    <probe-test-negative-round-trip-jitter>
      <probe-summary-results>
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          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>

```

Description

<probe-summary-results>

Usage

```

<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>

```

```
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-summary-results>

Usage

```
<probe-last-test-results>
<probe-test-generic-results>
<probe-test-egress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
```

```
</probe-last-test-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-ingress>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-ingress>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
```

```
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-egress-jitter>
</probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-summary-results>

Usage

```
<probe-last-test-results>
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<probe-test-negative-egress-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
```

```

        samples
      </samples>
    </probe-summary-results>
  </probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-summary-results>

Usage

```

<probe-last-test-results>
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    <probe-test-positive-ingress-jitter>
      <probe-summary-results>
        <probe-results-type>
          probe-results-type
        </probe-results-type>
        <min-delay>
          min-delay
        </min-delay>
        <max-delay>
          max-delay
        </max-delay>
        <avg-delay>
          avg-delay
        </avg-delay>
        <jitter-delay>
          jitter-delay
        </jitter-delay>
        <stddev-delay>
          stddev-delay
        </stddev-delay>
        <sum-delay>
          sum-delay
        </sum-delay>
        <samples>
          samples
        </samples>
      </probe-summary-results>
    </probe-test-positive-ingress-jitter>
  </probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-summary-results>

Usage

```

<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>

```

```
<probe-results-type>
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</probe-results-type>
<min-delay>
  min-delay
</min-delay>
<max-delay>
  max-delay
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-summary-results>

Usage

```
<probe-last-test-results>
<probe-test-generic-results>
  <probe-test-positive-round-trip-jitter>
    <probe-summary-results>
      <probe-results-type>
        probe-results-type
      </probe-results-type>
      <min-delay>
        min-delay
      </min-delay>
      <max-delay>
        max-delay
      </max-delay>
      <avg-delay>
        avg-delay
      </avg-delay>
      <jitter-delay>
        jitter-delay
      </jitter-delay>
      <stddev-delay>
        stddev-delay
```



```

</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-summary-results>

Usage

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<probe-last-test-results>
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<probe-test-negative-round-trip-jitter>
<probe-summary-results>
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    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
```

```

    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-current-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay

```

```
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-ingress>
</probe-test-generic-results>
</probe-test-current-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
```

```
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
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      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
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            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
```

```
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
```

```

    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

```
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>
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              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
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              jitter-delay
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            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
```



```

<probe-test-results>
  <probe-last-test-results>
    <probe-test-generic-results>
      <probe-test-rtt>
        <probe-summary-results>
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            probe-results-type
          </probe-results-type>
          <min-delay>
            min-delay
          </min-delay>
          <max-delay>
            max-delay
          </max-delay>
          <avg-delay>
            avg-delay
          </avg-delay>
          <jitter-delay>
            jitter-delay
          </jitter-delay>
          <stddev-delay>
            stddev-delay
          </stddev-delay>
          <sum-delay>
            sum-delay
          </sum-delay>
          <samples>
            samples
          </samples>
        </probe-summary-results>
      </probe-test-rtt>
    </probe-test-generic-results>
  </probe-last-test-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
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    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay

```

```
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-last-test-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
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    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>
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              probe-results-type
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              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
```

```

    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-ingress>
</probe-test-generic-results>
</probe-last-test-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
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            </probe-results-type>
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            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
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            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
```

```

    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-last-test-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay

```

```
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-last-test-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
```

```
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-rtt>
```

```
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
```



```

    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-generic-results>
      </probe-test-moving-results>
    </probe-test-results>
  </probe-results>

```

```
</probe-test-ingress>
</probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
```

```

<probe-test-results>
  <probe-test-moving-results>
    <probe-test-generic-results>
      <probe-test-negative-egress-jitter>
        <probe-summary-results>
          <probe-results-type>
            probe-results-type
          </probe-results-type>
          <min-delay>
            min-delay
          </min-delay>
          <max-delay>
            max-delay
          </max-delay>
          <avg-delay>
            avg-delay
          </avg-delay>
          <jitter-delay>
            jitter-delay
          </jitter-delay>
          <stddev-delay>
            stddev-delay
          </stddev-delay>
          <sum-delay>
            sum-delay
          </sum-delay>
          <samples>
            samples
          </samples>
        </probe-summary-results>
      </probe-test-negative-egress-jitter>
    </probe-test-generic-results>
  </probe-test-moving-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay

```

```
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
<probe-test-results>
<probe-test-moving-results>
<probe-test-generic-results>
<probe-test-negative-ingress-jitter>
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
```

```

    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-negative-ingress-jitter>
</probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
```

```

    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>
</probe-test-global-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay

```

```
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-global-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
```



```
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

```
<probe-summary-results>
```

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
```

```
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-global-results>
</probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
```

```

    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-global-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>

```

```
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-summary-results>

Usage

```
<probe-results>
```

```

<probe-test-results>
  <probe-test-global-results>
    <probe-test-generic-results>
      <probe-test-negative-round-trip-jitter>
        <probe-summary-results>
          <probe-results-type>
            probe-results-type
          </probe-results-type>
          <min-delay>
            min-delay
          </min-delay>
          <max-delay>
            max-delay
          </max-delay>
          <avg-delay>
            avg-delay
          </avg-delay>
          <jitter-delay>
            jitter-delay
          </jitter-delay>
          <stddev-delay>
            stddev-delay
          </stddev-delay>
          <sum-delay>
            sum-delay
          </sum-delay>
          <samples>
            samples
          </samples>
        </probe-summary-results>
      </probe-test-negative-round-trip-jitter>
    </probe-test-generic-results>
  </probe-test-global-results>
</probe-test-results>
</probe-results>

```

Description

<probe-summary-results>

Usage

```

<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay

```

```
</max-delay>
<avg-delay>
  avg-delay
</avg-delay>
<jitter-delay>
  jitter-delay
</jitter-delay>
<stddev-delay>
  stddev-delay
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-rtt>
</probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>
```

Description

<probe-summary-results>

Usage

```
<history-results>
<history-test-results>
<probe-test-current-results>
<probe-test-generic-results>
<probe-test-egress>
  <probe-summary-results>
    <probe-results-type>
      probe-results-type
    </probe-results-type>
    <min-delay>
      min-delay
    </min-delay>
    <max-delay>
      max-delay
    </max-delay>
    <avg-delay>
      avg-delay
    </avg-delay>
    <jitter-delay>
      jitter-delay
    </jitter-delay>
    <stddev-delay>
      stddev-delay
    </stddev-delay>
    <sum-delay>
      sum-delay
    </sum-delay>
```

```

    <samples>
      samples
    </samples>
  </probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>

```

Description

<probe-summary-results>

Usage

```

<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>

```

Description

<probe-summary-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-summary-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
```



```

    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-negative-egress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>

```

Description

<probe-summary-results>

Usage

```

<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay

```

```
</stddev-delay>
<sum-delay>
  sum-delay
</sum-delay>
<samples>
  samples
</samples>
</probe-summary-results>
</probe-test-positive-ingress-jitter>
</probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>
```

Description

<probe-summary-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
```

```
</history-results>
```

Description

<probe-summary-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>
            <probe-results-type>
              probe-results-type
            </probe-results-type>
            <min-delay>
              min-delay
            </min-delay>
            <max-delay>
              max-delay
            </max-delay>
            <avg-delay>
              avg-delay
            </avg-delay>
            <jitter-delay>
              jitter-delay
            </jitter-delay>
            <stddev-delay>
              stddev-delay
            </stddev-delay>
            <sum-delay>
              sum-delay
            </sum-delay>
            <samples>
              samples
            </samples>
          </probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-summary-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
```

```
<probe-summary-results>
  <probe-results-type>
    probe-results-type
  </probe-results-type>
  <min-delay>
    min-delay
  </min-delay>
  <max-delay>
    max-delay
  </max-delay>
  <avg-delay>
    avg-delay
  </avg-delay>
  <jitter-delay>
    jitter-delay
  </jitter-delay>
  <stddev-delay>
    stddev-delay
  </stddev-delay>
  <sum-delay>
    sum-delay
  </sum-delay>
  <samples>
    samples
  </samples>
</probe-summary-results>
</probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>
```

Description

<probe-test-current-results>

Usage

```
<probe-test-current-results>
  <probe-test-generic-results>....</probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-test-current-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>....</probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-current-results>****Usage**

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>....</probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description**<probe-test-egress>****Usage**

```
<probe-test-egress>
  <probe-summary-results>....</probe-summary-results>
</probe-test-egress>
```

Description**<probe-test-egress>****Usage**

```
<probe-test-generic-results>
  <probe-test-egress>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-egress>
</probe-test-generic-results>
```

Description**<probe-test-egress>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-egress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-egress>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-egress>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
```

```
<probe-test-egress>
  <probe-summary-results>....</probe-summary-results>
</probe-test-egress>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-test-egress>

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-egress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-egress>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-test-egress>

Usage

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-egress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-egress>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-egress>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-egress>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-egress>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-egress>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-egress>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-egress>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-egress>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-egress>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-egress>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-egress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-egress>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-generic-results>

Usage

```
<probe-test-generic-results>
  <probes-sent>
    probes-sent
  </probes-sent>
  <probe-responses>
    probe-responses
  </probe-responses>
  <loss-percentage>
    loss-percentage
  </loss-percentage>
  <results-scope>
    results-scope
  </results-scope>
  <probe-last-test-info>....</probe-last-test-info>
  <probe-test-rtt>....</probe-test-rtt>
  <probe-test-egress>....</probe-test-egress>
  <probe-test-ingress>....</probe-test-ingress>
  <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
  <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
  <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
  <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
  <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>
  <probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>

</probe-test-generic-results>
```

Description

<probe-test-generic-results>

Usage

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probes-sent>
```



```

    probes-sent
  </probes-sent>
  <probe-responses>
    probe-responses
  </probe-responses>
  <loss-percentage>
    loss-percentage
  </loss-percentage>
  <results-scope>
    results-scope
  </results-scope>
  <probe-last-test-info>....</probe-last-test-info>
  <probe-test-rtt>....</probe-test-rtt>
  <probe-test-egress>....</probe-test-egress>
  <probe-test-ingress>....</probe-test-ingress>
  <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
  <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
  <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
  <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
  <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>

  <probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>

</probe-test-generic-results>
</probe-test-current-results>

```

Description

<probe-test-generic-results>

Usage

```

<probe-test-global-results>
  <probe-test-generic-results>
    <probes-sent>
      probes-sent
    </probes-sent>
    <probe-responses>
      probe-responses
    </probe-responses>
    <loss-percentage>
      loss-percentage
    </loss-percentage>
    <results-scope>
      results-scope
    </results-scope>
    <probe-last-test-info>....</probe-last-test-info>
    <probe-test-rtt>....</probe-test-rtt>
    <probe-test-egress>....</probe-test-egress>
    <probe-test-ingress>....</probe-test-ingress>
    <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
    <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
    <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
    <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
    <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-global-results>

```

```
<probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>

</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-test-generic-results>

Usage

```
<probe-test-moving-results>
<probe-test-generic-results>
  <probes-sent>
    probes-sent
  </probes-sent>
  <probe-responses>
    probe-responses
  </probe-responses>
  <loss-percentage>
    loss-percentage
  </loss-percentage>
  <results-scope>
    results-scope
  </results-scope>
  <probe-last-test-info>....</probe-last-test-info>
  <probe-test-rtt>....</probe-test-rtt>
  <probe-test-egress>....</probe-test-egress>
  <probe-test-ingress>....</probe-test-ingress>
  <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
  <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
  <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
  <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
  <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>

  <probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>

</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-test-generic-results>

Usage

```
<probe-last-test-results>
<probe-test-generic-results>
  <probes-sent>
    probes-sent
  </probes-sent>
  <probe-responses>
    probe-responses
  </probe-responses>
  <loss-percentage>
    loss-percentage
```

```

</loss-percentage>
<results-scope>
  results-scope
</results-scope>
<probe-last-test-info>....</probe-last-test-info>
<probe-test-rtt>....</probe-test-rtt>
<probe-test-egress>....</probe-test-egress>
<probe-test-ingress>....</probe-test-ingress>
<probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
<probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
<probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
<probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
<probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>

<probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>

</probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-test-generic-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probes-sent>
          probes-sent
        </probes-sent>
        <probe-responses>
          probe-responses
        </probe-responses>
        <loss-percentage>
          loss-percentage
        </loss-percentage>
        <results-scope>
          results-scope
        </results-scope>
        <probe-last-test-info>....</probe-last-test-info>
        <probe-test-rtt>....</probe-test-rtt>
        <probe-test-egress>....</probe-test-egress>
        <probe-test-ingress>....</probe-test-ingress>
        <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
        <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
        <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
        <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
        <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>

        <probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>

```

</probe-results>

Description

<probe-test-generic-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probes-sent>
          probes-sent
        </probes-sent>
        <probe-responses>
          probe-responses
        </probe-responses>
        <loss-percentage>
          loss-percentage
        </loss-percentage>
        <results-scope>
          results-scope
        </results-scope>
        <probe-last-test-info>....</probe-last-test-info>
        <probe-test-rtt>....</probe-test-rtt>
        <probe-test-egress>....</probe-test-egress>
        <probe-test-ingress>....</probe-test-ingress>
        <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
        <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
        <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
        <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
        <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>
        <probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-generic-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probes-sent>
          probes-sent
        </probes-sent>
        <probe-responses>
          probe-responses
```

```

</probe-responses>
<loss-percentage>
  loss-percentage
</loss-percentage>
<results-scope>
  results-scope
</results-scope>
<probe-last-test-info>....</probe-last-test-info>
<probe-test-rtt>....</probe-test-rtt>
<probe-test-egress>....</probe-test-egress>
<probe-test-ingress>....</probe-test-ingress>
<probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
<probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
<probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
<probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
<probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>

```

```

<probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
</probe-test-results>
</probe-results>

```

Description

<probe-test-generic-results>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probes-sent>
          probes-sent
        </probes-sent>
        <probe-responses>
          probe-responses
        </probe-responses>
        <loss-percentage>
          loss-percentage
        </loss-percentage>
        <results-scope>
          results-scope
        </results-scope>
        <probe-last-test-info>....</probe-last-test-info>
        <probe-test-rtt>....</probe-test-rtt>
        <probe-test-egress>....</probe-test-egress>
        <probe-test-ingress>....</probe-test-ingress>
        <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
        <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
        <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
        <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
        <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>
      
```

```
<probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
</probe-test-results>
</probe-results>
```

Description

<probe-test-generic-results>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probes-sent>
          probes-sent
        </probes-sent>
        <probe-responses>
          probe-responses
        </probe-responses>
        <loss-percentage>
          loss-percentage
        </loss-percentage>
        <results-scope>
          results-scope
        </results-scope>
        <probe-last-test-info>....</probe-last-test-info>
        <probe-test-rtt>....</probe-test-rtt>
        <probe-test-egress>....</probe-test-egress>
        <probe-test-ingress>....</probe-test-ingress>
        <probe-test-positive-egress-jitter>....</probe-test-positive-egress-jitter>
        <probe-test-negative-egress-jitter>....</probe-test-negative-egress-jitter>
        <probe-test-positive-ingress-jitter>....</probe-test-positive-ingress-jitter>
        <probe-test-negative-ingress-jitter>....</probe-test-negative-ingress-jitter>
        <probe-test-positive-round-trip-jitter>....</probe-test-positive-round-trip-jitter>
```

```
<probe-test-negative-round-trip-jitter>....</probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
</history-test-results>
</history-results>
```

Description

<probe-test-global-results>

Usage

```
<probe-test-global-results>
  <probe-test-generic-results>....</probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-global-results>****Usage**

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>....</probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-ingress>****Usage**

```
<probe-test-ingress>
  <probe-summary-results>....</probe-summary-results>
</probe-test-ingress>
```

Description**<probe-test-ingress>****Usage**

```
<probe-test-generic-results>
  <probe-test-ingress>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-ingress>
</probe-test-generic-results>
```

Description**<probe-test-ingress>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-ingress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-ingress>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-ingress>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
```

```
<probe-test-ingress>
  <probe-summary-results>....</probe-summary-results>
</probe-test-ingress>
</probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-test-ingress>

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-ingress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-ingress>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-test-ingress>

Usage

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-ingress>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-ingress>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-ingress>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-ingress>**Usage**

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-ingress>****Usage**

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-ingress>****Usage**

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-ingress>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-ingress>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-ingress>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-moving-results>

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>....</probe-test-generic-results>
</probe-test-moving-results>
```

Description

<probe-test-moving-results>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>....</probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-egress-jitter>

Usage

```
<probe-test-negative-egress-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-negative-egress-jitter>
```

Description

<probe-test-negative-egress-jitter>

Usage

```
<probe-test-generic-results>
  <probe-test-negative-egress-jitter>
```

```

    <probe-summary-results>....</probe-summary-results>
  </probe-test-negative-egress-jitter>
</probe-test-generic-results>

```

Description

<probe-test-negative-egress-jitter>

Usage

```

    <probe-test-current-results>
    <probe-test-generic-results>
      <probe-test-negative-egress-jitter>
        <probe-summary-results>....</probe-summary-results>
      </probe-test-negative-egress-jitter>
    </probe-test-generic-results>
  </probe-test-current-results>

```

Description

<probe-test-negative-egress-jitter>

Usage

```

    <probe-test-global-results>
    <probe-test-generic-results>
      <probe-test-negative-egress-jitter>
        <probe-summary-results>....</probe-summary-results>
      </probe-test-negative-egress-jitter>
    </probe-test-generic-results>
  </probe-test-global-results>

```

Description

<probe-test-negative-egress-jitter>

Usage

```

    <probe-test-moving-results>
    <probe-test-generic-results>
      <probe-test-negative-egress-jitter>
        <probe-summary-results>....</probe-summary-results>
      </probe-test-negative-egress-jitter>
    </probe-test-generic-results>
  </probe-test-moving-results>

```

Description

<probe-test-negative-egress-jitter>

Usage

```

    <probe-last-test-results>
    <probe-test-generic-results>
      <probe-test-negative-egress-jitter>
        <probe-summary-results>....</probe-summary-results>
      </probe-test-negative-egress-jitter>
    </probe-test-generic-results>
  </probe-last-test-results>

```

```
</probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-negative-egress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-egress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-egress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-negative-egress-jitter>****Usage**

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description**<probe-test-negative-egress-jitter>****Usage**

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-test-negative-ingress-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-negative-ingress-jitter>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-test-generic-results>
  <probe-test-negative-ingress-jitter>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-negative-ingress-jitter>
</probe-test-generic-results>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-ingress-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-ingress-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-ingress-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description**<probe-test-negative-ingress-jitter>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-negative-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-ingress-jitter>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-negative-ingress-jitter>**Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-negative-ingress-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-negative-ingress-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-test-negative-ingress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-ingress-jitter>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-test-negative-round-trip-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-negative-round-trip-jitter>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-test-generic-results>
  <probe-test-negative-round-trip-jitter>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-negative-round-trip-jitter>
</probe-test-generic-results>
```


Description**<probe-test-negative-round-trip-jitter>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-negative-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-negative-round-trip-jitter>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-negative-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-negative-round-trip-jitter>****Usage**

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-negative-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description**<probe-test-negative-round-trip-jitter>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-negative-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-negative-round-trip-jitter>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-negative-round-trip-jitter>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-negative-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-negative-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-positive-egress-jitter>

Usage

```
<probe-test-positive-egress-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-positive-egress-jitter>
```

Description

<probe-test-positive-egress-jitter>

Usage

```
<probe-test-generic-results>
  <probe-test-positive-egress-jitter>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-positive-egress-jitter>
</probe-test-generic-results>
```

Description**<probe-test-positive-egress-jitter>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-egress-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-positive-egress-jitter>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-egress-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-positive-egress-jitter>****Usage**

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-egress-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description**<probe-test-positive-egress-jitter>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-positive-egress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-egress-jitter>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-positive-egress-jitter>**Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-positive-egress-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-positive-egress-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-test-positive-egress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-egress-jitter>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-egress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-egress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-test-positive-ingress-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-positive-ingress-jitter>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-test-generic-results>
  <probe-test-positive-ingress-jitter>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-positive-ingress-jitter>
</probe-test-generic-results>
```

Description**<probe-test-positive-ingress-jitter>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-positive-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-ingress-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-positive-ingress-jitter>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-positive-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-ingress-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-positive-ingress-jitter>****Usage**

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-positive-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-ingress-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description**<probe-test-positive-ingress-jitter>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-positive-ingress-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-ingress-jitter>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-ingress-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-ingress-jitter>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-ingress-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-ingress-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-positive-round-trip-jitter>

Usage

```
<probe-test-positive-round-trip-jitter>
  <probe-summary-results>....</probe-summary-results>
</probe-test-positive-round-trip-jitter>
```

Description

<probe-test-positive-round-trip-jitter>

Usage

```
<probe-test-generic-results>
  <probe-test-positive-round-trip-jitter>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-positive-round-trip-jitter>
</probe-test-generic-results>
```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-positive-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-positive-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-positive-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-round-trip-jitter>
  </probe-test-generic-results>
</probe-test-moving-results>
```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```
<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-positive-round-trip-jitter>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-positive-round-trip-jitter>
  </probe-test-generic-results>
</probe-last-test-results>
```

Description

<probe-test-positive-round-trip-jitter>**Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

Description**<probe-test-positive-round-trip-jitter>****Usage**

```

<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-test-positive-round-trip-jitter>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-positive-round-trip-jitter>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-positive-round-trip-jitter>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-positive-round-trip-jitter>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<probe-test-results>

Usage

```
<probe-results>
  <probe-test-results>
    <owner>
      owner
    </owner>
    <test-name>
      test-name
    </test-name>
    <target-address>
      target-address
    </target-address>
    <target-url>
      target-url
    </target-url>
    <source-address>
      source-address
    </source-address>
```

```

<destination-interface>
  destination-interface
</destination-interface>
<probe-type>
  probe-type
</probe-type>
<test-size>
  test-size
</test-size>
<routing-instance-name>
  routing-instance-name
</routing-instance-name>
<loss-thresh-total>
  loss-thresh-total
</loss-thresh-total>
<loss-thresh-succ>
  loss-thresh-succ
</loss-thresh-succ>
<delay-thresh>
  delay-thresh
</delay-thresh>
<jitter-thresh>
  jitter-thresh
</jitter-thresh>
<stddev-thresh>
  stddev-thresh
</stddev-thresh>
<egress-thresh>
  egress-thresh
</egress-thresh>
<egress-jitter-thresh>
  egress-jitter-thresh
</egress-jitter-thresh>
<egress-stddev-thresh>
  egress-stddev-thresh
</egress-stddev-thresh>
<ingress-thresh>
  ingress-thresh
</ingress-thresh>
<ingress-jitter-thresh>
  ingress-jitter-thresh
</ingress-jitter-thresh>
<ingress-stddev-thresh>
  ingress-stddev-thresh
</ingress-stddev-thresh>
<probe-single-results>....</probe-single-results>
<probe-test-current-results>....</probe-test-current-results>
<probe-last-test-results>....</probe-last-test-results>
<probe-test-moving-results>....</probe-test-moving-results>
<probe-test-global-results>....</probe-test-global-results>
</probe-test-results>
</probe-results>

```

Description

<probe-test-rtt>

Usage

```
<probe-test-rtt>
  <probe-summary-results>....</probe-summary-results>
</probe-test-rtt>
```

Description

<probe-test-rtt>

Usage

```
<probe-test-generic-results>
  <probe-test-rtt>
    <probe-summary-results>....</probe-summary-results>
  </probe-test-rtt>
</probe-test-generic-results>
```

Description

<probe-test-rtt>

Usage

```
<probe-test-current-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-rtt>
  </probe-test-generic-results>
</probe-test-current-results>
```

Description

<probe-test-rtt>

Usage

```
<probe-test-global-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-rtt>
  </probe-test-generic-results>
</probe-test-global-results>
```

Description

<probe-test-rtt>

Usage

```
<probe-test-moving-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>....</probe-summary-results>
```

```

    </probe-test-rtt>
  </probe-test-generic-results>
</probe-test-moving-results>

```

Description

<probe-test-rtt>

Usage

```

<probe-last-test-results>
  <probe-test-generic-results>
    <probe-test-rtt>
      <probe-summary-results>....</probe-summary-results>
    </probe-test-rtt>
  </probe-test-generic-results>
</probe-last-test-results>

```

Description

<probe-test-rtt>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-test-current-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-test-rtt>

Usage

```

<probe-results>
  <probe-test-results>
    <probe-last-test-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-last-test-results>
  </probe-test-results>
</probe-results>

```

Description

<probe-test-rtt>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-moving-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-test-moving-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-rtt>

Usage

```
<probe-results>
  <probe-test-results>
    <probe-test-global-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-test-global-results>
  </probe-test-results>
</probe-results>
```

Description

<probe-test-rtt>

Usage

```
<history-results>
  <history-test-results>
    <probe-test-current-results>
      <probe-test-generic-results>
        <probe-test-rtt>
          <probe-summary-results>....</probe-summary-results>
        </probe-test-rtt>
      </probe-test-generic-results>
    </probe-test-current-results>
  </history-test-results>
</history-results>
```

Description

<server>**Usage**

```

<twamp-server-information>
  <server>
    <session>....</session>
  </server>
</twamp-server-information>

```

Description Server information

<server-statistics>**Usage**

```

<twamp-server-information>
  <server-statistics>
    <packet-statistics>....</packet-statistics>
  </server-statistics>
</twamp-server-information>

```

Description Server statistics

<session>**Usage**

```

<twamp-server-information>
  <server>
    <session>
      <session-id>
        session-id
      </session-id>
      <connection-id>
        connection-id
      </connection-id>
      <sender-address>
        sender-address
      </sender-address>
      <sender-port>
        sender-port
      </sender-port>
      <reflector-address>
        reflector-address
      </reflector-address>
      <reflector-port>
        reflector-port
      </reflector-port>
      <session-state>
        session-state
      </session-state>
      <authentication-mode>
        authentication-mode
      </authentication-mode>
    </session>
  </server>
</twamp-server-information>

```

```
<ip-version>
  ip-version
</ip-version>
<padding-length>
  padding-length
</padding-length>
<start-time>
  start-time
</start-time>
<timeout>
  timeout
</timeout>
<packet-statistics>....</packet-statistics>
</session>
</server>
</twamp-server-information>
```

Description Server session

<test-packets-dropped-details>

Usage

```
<twamp-server-information>
<server>
  <session>
    <packet-statistics>
      <test-packets-dropped-details>
        <session-nonexist>
          session-nonexist
        </session-nonexist>
        <session-notactive>
          session-notactive
        </session-notactive>
        <packet-unsupported>
          packet-unsupported
        </packet-unsupported>
        <packet-malformed>
          packet-malformed
        </packet-malformed>
        <internal-error>
          internal-error
        </internal-error>
      </test-packets-dropped-details>
    </packet-statistics>
  </session>
</server>
</twamp-server-information>
```

Description Test packets dropped details

<test-packets-dropped-details>

Usage

```
<twamp-server-information>
  <server-statistics>
    <packet-statistics>
      <test-packets-dropped-details>
        <session-nonexist>
          session-nonexist
        </session-nonexist>
        <session-notactive>
          session-notactive
        </session-notactive>
        <packet-unsupported>
          packet-unsupported
        </packet-unsupported>
        <packet-malformed>
          packet-malformed
        </packet-malformed>
        <internal-error>
          internal-error
        </internal-error>
      </test-packets-dropped-details>
    </packet-statistics>
  </server-statistics>
</twamp-server-information>
```

Description Test packets dropped details

<twamp-server-information>

Usage

```
<twamp-server-information>
  <connection>....</connection>
  <server>....</server>
  <server-statistics>....</server-statistics>
</twamp-server-information>
```

Description

Summary of Routing and Forwarding Table Response Tags

<bridge-mac-destination-address-statistics>

Usage

```
<bridge-mac-destination-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
```

</bridge-mac-destination-address-statistics>

Description MAC destination address statistics

<bridge-mac-destination-address-statistics>

Usage

```
<rt-entry>
  <bridge-mac-destination-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </bridge-mac-destination-address-statistics>
</rt-entry>
```

Description MAC destination address statistics

<bridge-mac-destination-address-statistics>

Usage

```
<route-table>
  <rt-entry>
    <bridge-mac-destination-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </bridge-mac-destination-address-statistics>
  </rt-entry>
</route-table>
```

Description MAC destination address statistics

<bridge-mac-destination-address-statistics>

Usage

```
<forwarding-table-information>
  <route-table>
    <rt-entry>
      <bridge-mac-destination-address-statistics>
        <packet-count>
          packet-count
        </packet-count>
        <byte-count>
          byte-count
        </byte-count>
      </bridge-mac-destination-address-statistics>
    </rt-entry>
  </route-table>
</forwarding-table-information>
```

```
        </bridge-mac-destination-address-statistics>
    </rt-entry>
</route-table>
</forwarding-table-information>
```

Description MAC destination address statistics

<bridge-mac-source-address-statistics>

Usage

```
<bridge-mac-source-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</bridge-mac-source-address-statistics>
```

Description MAC source address statistics

<bridge-mac-source-address-statistics>

Usage

```
<rt-entry>
  <bridge-mac-source-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </bridge-mac-source-address-statistics>
</rt-entry>
```

Description MAC source address statistics

<bridge-mac-source-address-statistics>

Usage

```
<route-table>
  <rt-entry>
    <bridge-mac-source-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </bridge-mac-source-address-statistics>
  </rt-entry>
```

</route-table>

Description MAC source address statistics

<bridge-mac-source-address-statistics>

Usage

```
<forwarding-table-information>
<route-table>
<rt-entry>
  <bridge-mac-source-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </bridge-mac-source-address-statistics>
</rt-entry>
</route-table>
</forwarding-table-information>
```

Description MAC source address statistics

<forwarding-table-information>

Usage

```
<forwarding-table-information>
<route-table>....</route-table>
</forwarding-table-information>
```

Description Information about forwarding-table routing entries

<nh>

Usage

```
<nh>
<to>
  to
</to>
<nh-type>
  nh-type
</nh-type>
<nh-index>
  nh-index
</nh-index>
<nh-reference-count>
  nh-reference-count
</nh-reference-count>
<nh-cfi-index>
  nh-cfi-index
```

```

</nh-cfi-index>
<via>
  via
</via>
<nh-weight>
  nh-weight
</nh-weight>
<nh-balance>
  nh-balance
</nh-balance>
<nh-uflags>
  nh-uflags
</nh-uflags>
<nh-composite-num-nhs>
  nh-composite-num-nhs
</nh-composite-num-nhs>
<nh-composite-nh-index>
  nh-composite-nh-index
</nh-composite-nh-index>
<nh-composite-function>
  nh-composite-function
</nh-composite-function>
<nh-composite-num-derived-nhs>
  nh-composite-num-derived-nhs
</nh-composite-num-derived-nhs>
<nh-composite-derived-nh-index>
  nh-composite-derived-nh-index
</nh-composite-derived-nh-index>
<alt-fwdnh-index>
  alt-fwdnh-index
</alt-fwdnh-index>
<nh-l3-interface>
  nh-l3-interface
</nh-l3-interface>
<nh-l2-interface>....</nh-l2-interface>
<nh-le-beb-mac>
  nh-le-beb-mac
</nh-le-beb-mac>
</nh>

```

Description Next hop for this routing table entry

<nh>

Usage

```

<rt-entry>
  <nh>
    <to>
      to
    </to>
  <nh-type>
    nh-type
  </nh-type>
  <nh-index>

```

```

    nh-index
  </nh-index>
  <nh-reference-count>
    nh-reference-count
  </nh-reference-count>
  <nh-cfi-index>
    nh-cfi-index
  </nh-cfi-index>
  <via>
    via
  </via>
  <nh-weight>
    nh-weight
  </nh-weight>
  <nh-balance>
    nh-balance
  </nh-balance>
  <nh-uflags>
    nh-uflags
  </nh-uflags>
  <nh-composite-num-nhs>
    nh-composite-num-nhs
  </nh-composite-num-nhs>
  <nh-composite-nh-index>
    nh-composite-nh-index
  </nh-composite-nh-index>
  <nh-composite-function>
    nh-composite-function
  </nh-composite-function>
  <nh-composite-num-derived-nhs>
    nh-composite-num-derived-nhs
  </nh-composite-num-derived-nhs>
  <nh-composite-derived-nh-index>
    nh-composite-derived-nh-index
  </nh-composite-derived-nh-index>
  <alt-fwdnh-index>
    alt-fwdnh-index
  </alt-fwdnh-index>
  <nh-l3-interface>
    nh-l3-interface
  </nh-l3-interface>
  <nh-l2-interface>....</nh-l2-interface>
  <nh-le-beb-mac>
    nh-le-beb-mac
  </nh-le-beb-mac>
</nh>
</rt-entry>

```

Description Next hop for this routing table entry

<nh>

Usage

<route-table>


```
<rt-entry>
  <nh>
    <to>
      to
    </to>
    <nh-type>
      nh-type
    </nh-type>
    <nh-index>
      nh-index
    </nh-index>
    <nh-reference-count>
      nh-reference-count
    </nh-reference-count>
    <nh-cfi-index>
      nh-cfi-index
    </nh-cfi-index>
    <via>
      via
    </via>
    <nh-weight>
      nh-weight
    </nh-weight>
    <nh-balance>
      nh-balance
    </nh-balance>
    <nh-uflags>
      nh-uflags
    </nh-uflags>
    <nh-composite-num-nhs>
      nh-composite-num-nhs
    </nh-composite-num-nhs>
    <nh-composite-nh-index>
      nh-composite-nh-index
    </nh-composite-nh-index>
    <nh-composite-function>
      nh-composite-function
    </nh-composite-function>
    <nh-composite-num-derived-nhs>
      nh-composite-num-derived-nhs
    </nh-composite-num-derived-nhs>
    <nh-composite-derived-nh-index>
      nh-composite-derived-nh-index
    </nh-composite-derived-nh-index>
    <alt-fwdnh-index>
      alt-fwdnh-index
    </alt-fwdnh-index>
    <nh-l3-interface>
      nh-l3-interface
    </nh-l3-interface>
    <nh-l2-interface>.....</nh-l2-interface>
    <nh-le-beb-mac>
      nh-le-beb-mac
    </nh-le-beb-mac>
  </nh>
</rt-entry>
```

```
</route-table>
```

Description Next hop for this routing table entry

```
<nh>
```

Usage

```
<forwarding-table-information>
<route-table>
<rt-entry>
<nh>
  <to>
    to
  </to>
  <nh-type>
    nh-type
  </nh-type>
  <nh-index>
    nh-index
  </nh-index>
  <nh-reference-count>
    nh-reference-count
  </nh-reference-count>
  <nh-cfi-index>
    nh-cfi-index
  </nh-cfi-index>
  <via>
    via
  </via>
  <nh-weight>
    nh-weight
  </nh-weight>
  <nh-balance>
    nh-balance
  </nh-balance>
  <nh-uflags>
    nh-uflags
  </nh-uflags>
  <nh-composite-num-nhs>
    nh-composite-num-nhs
  </nh-composite-num-nhs>
  <nh-composite-nh-index>
    nh-composite-nh-index
  </nh-composite-nh-index>
  <nh-composite-function>
    nh-composite-function
  </nh-composite-function>
  <nh-composite-num-derived-nhs>
    nh-composite-num-derived-nhs
  </nh-composite-num-derived-nhs>
  <nh-composite-derived-nh-index>
    nh-composite-derived-nh-index
  </nh-composite-derived-nh-index>
  <alt-fwdnh-index>
```

```

    alt-fwdnh-index
  </alt-fwdnh-index>
  <nh-l3-interface>
    nh-l3-interface
  </nh-l3-interface>
  <nh-l2-interface>....</nh-l2-interface>
  <nh-le-beb-mac>
    nh-le-beb-mac
  </nh-le-beb-mac>
</nh>
</rt-entry>
</route-table>
</forwarding-table-information>

```

Description Next hop for this routing table entry

<nh-l2-interface>

Usage

```

<nh-l2-interface>
  <nh-l2-interface-name>
    nh-l2-interface-name
  </nh-l2-interface-name>
</nh-l2-interface>

```

Description

<nh-l2-interface>

Usage

```

<nh>
  <nh-l2-interface>
    <nh-l2-interface-name>
      nh-l2-interface-name
    </nh-l2-interface-name>
  </nh-l2-interface>
</nh>

```

Description

<nh-l2-interface>

Usage

```

<rt-entry>
  <nh>
    <nh-l2-interface>
      <nh-l2-interface-name>
        nh-l2-interface-name
      </nh-l2-interface-name>
    </nh-l2-interface>
  </nh>
</rt-entry>

```

Description**<nh-l2-interface>****Usage**

```
<route-table>
  <rt-entry>
    <nh>
      <nh-l2-interface>
        <nh-l2-interface-name>
          nh-l2-interface-name
        </nh-l2-interface-name>
      </nh-l2-interface>
    </nh>
  </rt-entry>
</route-table>
```

Description**<nh-l2-interface>****Usage**

```
<forwarding-table-information>
  <route-table>
    <rt-entry>
      <nh>
        <nh-l2-interface>
          <nh-l2-interface-name>
            nh-l2-interface-name
          </nh-l2-interface-name>
        </nh-l2-interface>
      </nh>
    </rt-entry>
  </route-table>
</forwarding-table-information>
```

Description**<route-table>****Usage**

```
<route-table>
  <logical-system-name>
    logical-system-name
  </logical-system-name>
  <table-name>
    table-name
  </table-name>
  <bd-name>
    bd-name
  </bd-name>
  <pbbn-table-name>
    pbbn-table-name
  </pbbn-table-name>
</route-table>
```

```

    route-table-deleted
  </route-table-deleted>
  <pbbn-route-table-deleted>
    pbbn-route-table-deleted
  </pbbn-route-table-deleted>
  <bridge-table-deleted>
    bridge-table-deleted
  </bridge-table-deleted>
  <address-family>
    address-family
  </address-family>
  <address-family-number>
    address-family-number
  </address-family-number>
  <rt-entry>....</rt-entry>
  <route-table-summary>....</route-table-summary>
</route-table>

```

Description Denotes a routing table

<route-table>

Usage

```

<forwarding-table-information>
  <route-table>
    <logical-system-name>
      logical-system-name
    </logical-system-name>
    <table-name>
      table-name
    </table-name>
    <bd-name>
      bd-name
    </bd-name>
    <pbbn-table-name>
      pbbn-table-name
    </pbbn-table-name>
    <route-table-deleted>
      route-table-deleted
    </route-table-deleted>
    <pbbn-route-table-deleted>
      pbbn-route-table-deleted
    </pbbn-route-table-deleted>
    <bridge-table-deleted>
      bridge-table-deleted
    </bridge-table-deleted>
    <address-family>
      address-family
    </address-family>
    <address-family-number>
      address-family-number
    </address-family-number>
    <rt-entry>....</rt-entry>
    <route-table-summary>....</route-table-summary>
  </route-table>
</forwarding-table-information>

```

```
</route-table>
</forwarding-table-information>
```

Description Denotes a routing table

<route-table-summary>

Usage

```
<route-table-summary>
  <route-table-type>
    route-table-type
  </route-table-type>
  <route-count>
    route-count
  </route-count>
</route-table-summary>
```

Description Routing table summary

<route-table-summary>

Usage

```
<route-table>
  <route-table-summary>
    <route-table-type>
      route-table-type
    </route-table-type>
    <route-count>
      route-count
    </route-count>
  </route-table-summary>
</route-table>
```

Description Routing table summary

<route-table-summary>

Usage

```
<forwarding-table-information>
  <route-table>
    <route-table-summary>
      <route-table-type>
        route-table-type
      </route-table-type>
      <route-count>
        route-count
      </route-count>
    </route-table-summary>
  </route-table>
</forwarding-table-information>
```

Description Routing table summary

<rpf-information>

Usage

```
<rpf-information>
  <via>
    via
  </via>
</rpf-information>
```

Description Reverse-path forwarding check for this route

<rpf-information>

Usage

```
<rt-entry>
  <rpf-information>
    <via>
      via
    </via>
  </rpf-information>
</rt-entry>
```

Description Reverse-path forwarding check for this route

<rpf-information>

Usage

```
<route-table>
  <rt-entry>
    <rpf-information>
      <via>
        via
      </via>
    </rpf-information>
  </rt-entry>
</route-table>
```

Description Reverse-path forwarding check for this route

<rpf-information>

Usage

```
<forwarding-table-information>
  <route-table>
    <rt-entry>
      <rpf-information>
        <via>
          via
        </via>
```

```
</rpf-information>
</rt-entry>
</route-table>
</forwarding-table-information>
```

Description Reverse-path forwarding check for this route

<rt-entry>

Usage

```
<rt-entry>
  <rt-destination>
    rt-destination
  </rt-destination>
  <learn-vlan>
    learn-vlan
  </learn-vlan>
  <destination-type>
    destination-type
  </destination-type>
  <route-reference-count>
    route-reference-count
  </route-reference-count>
  <route-interface-index>
    route-interface-index
  </route-interface-index>
  <ifl-generation>
    ifl-generation
  </ifl-generation>
  <epoch>
    epoch
  </epoch>
  <flood-token>
    flood-token
  </flood-token>
  <mac-sequence-number>
    mac-sequence-number
  </mac-sequence-number>
  <learn-mask>
    learn-mask
  </learn-mask>
  <l2al-rtflags>
    l2al-rtflags
  </l2al-rtflags>
  <route-flags>
    route-flags
  </route-flags>
  <vlan-index>
    vlan-index
  </vlan-index>
  <vlan-flags>
    vlan-flags
  </vlan-flags>
  <nh>....</nh>
```



```

    <rpf-information>....</rpf-information>
    <vpls-mac-source-address-statistics>....</vpls-mac-source-address-statistics>

    <vpls-mac-destination-address-statistics>....</vpls-mac-destination-address-statistics>

    <bridge-mac-source-address-statistics>....</bridge-mac-source-address-statistics>

    <bridge-mac-destination-address-statistics>....</bridge-mac-destination-address-statistics>

  </rt-entry>

```

Description Routing table entry for a destination

<rt-entry>

Usage

```

<route-table>
  <rt-entry>
    <rt-destination>
      rt-destination
    </rt-destination>
    <learn-vlan>
      learn-vlan
    </learn-vlan>
    <destination-type>
      destination-type
    </destination-type>
    <route-reference-count>
      route-reference-count
    </route-reference-count>
    <route-interface-index>
      route-interface-index
    </route-interface-index>
    <ifl-generation>
      ifl-generation
    </ifl-generation>
    <epoch>
      epoch
    </epoch>
    <flood-token>
      flood-token
    </flood-token>
    <mac-sequence-number>
      mac-sequence-number
    </mac-sequence-number>
    <learn-mask>
      learn-mask
    </learn-mask>
    <l2al-rtflags>
      l2al-rtflags
    </l2al-rtflags>
    <route-flags>
      route-flags

```

```
</route-flags>
<vlan-index>
  vlan-index
</vlan-index>
<vlan-flags>
  vlan-flags
</vlan-flags>
<nh>....</nh>
<rpf-information>....</rpf-information>
<vpls-mac-source-address-statistics>....</vpls-mac-source-address-statistics>

<vpls-mac-destination-address-statistics>....</vpls-mac-destination-address-statistics>

<bridge-mac-source-address-statistics>....</bridge-mac-source-address-statistics>

<bridge-mac-destination-address-statistics>....</bridge-mac-destination-address-statistics>

</rt-entry>
</route-table>
```

Description Routing table entry for a destination

<rt-entry>

Usage

```
<forwarding-table-information>
<route-table>
  <rt-entry>
    <rt-destination>
      rt-destination
    </rt-destination>
    <learn-vlan>
      learn-vlan
    </learn-vlan>
    <destination-type>
      destination-type
    </destination-type>
    <route-reference-count>
      route-reference-count
    </route-reference-count>
    <route-interface-index>
      route-interface-index
    </route-interface-index>
    <ifl-generation>
      ifl-generation
    </ifl-generation>
    <epoch>
      epoch
    </epoch>
    <flood-token>
      flood-token
    </flood-token>
```

```

    <mac-sequence-number>
      mac-sequence-number
    </mac-sequence-number>
    <learn-mask>
      learn-mask
    </learn-mask>
    <l2al-rtflags>
      l2al-rtflags
    </l2al-rtflags>
    <route-flags>
      route-flags
    </route-flags>
    <vlan-index>
      vlan-index
    </vlan-index>
    <vlan-flags>
      vlan-flags
    </vlan-flags>
    <nh>....</nh>
    <rpfi-information>....</rpfi-information>
    <vpls-mac-source-address-statistics>....</vpls-mac-source-address-statistics>

    <vpls-mac-destination-address-statistics>....</vpls-mac-destination-address-statistics>

    <bridge-mac-source-address-statistics>....</bridge-mac-source-address-statistics>

    <bridge-mac-destination-address-statistics>....</bridge-mac-destination-address-statistics>

    </rt-entry>
  </route-table>
</forwarding-table-information>

```

Description Routing table entry for a destination

<vpls-mac-destination-address-statistics>

Usage

```

<vpls-mac-destination-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</vpls-mac-destination-address-statistics>

```

Description MAC destination address statistics

<vpls-mac-destination-address-statistics>

Usage

```
<rt-entry>
  <vpls-mac-destination-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </vpls-mac-destination-address-statistics>
</rt-entry>
```

Description MAC destination address statistics

<vpls-mac-destination-address-statistics>

Usage

```
<route-table>
  <rt-entry>
    <vpls-mac-destination-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </vpls-mac-destination-address-statistics>
  </rt-entry>
</route-table>
```

Description MAC destination address statistics

<vpls-mac-destination-address-statistics>

Usage

```
<forwarding-table-information>
  <route-table>
    <rt-entry>
      <vpls-mac-destination-address-statistics>
        <packet-count>
          packet-count
        </packet-count>
        <byte-count>
          byte-count
        </byte-count>
      </vpls-mac-destination-address-statistics>
    </rt-entry>
  </route-table>
</forwarding-table-information>
```

Description MAC destination address statistics

<vpls-mac-source-address-statistics>

Usage

```
<vpls-mac-source-address-statistics>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
</vpls-mac-source-address-statistics>
```

Description MAC source address statistics

<vpls-mac-source-address-statistics>

Usage

```
<rt-entry>
  <vpls-mac-source-address-statistics>
    <packet-count>
      packet-count
    </packet-count>
    <byte-count>
      byte-count
    </byte-count>
  </vpls-mac-source-address-statistics>
</rt-entry>
```

Description MAC source address statistics

<vpls-mac-source-address-statistics>

Usage

```
<route-table>
  <rt-entry>
    <vpls-mac-source-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </vpls-mac-source-address-statistics>
  </rt-entry>
</route-table>
```

Description MAC source address statistics

<vpls-mac-source-address-statistics>

Usage

```
<forwarding-table-information>
<route-table>
  <rt-entry>
    <vpls-mac-source-address-statistics>
      <packet-count>
        packet-count
      </packet-count>
      <byte-count>
        byte-count
      </byte-count>
    </vpls-mac-source-address-statistics>
  </rt-entry>
</route-table>
</forwarding-table-information>
```

Description MAC source address statistics

Summary of SDX Response Tags

<connection-status>

Usage

```
<sdx-information>
  <connection-status>
    <state>
      state
    </state>
    <address>
      address
    </address>
    <port>
      port
    </port>
    <date-time>
      date-time
    </date-time>
  </connection-status>
</sdx-information>
```

Description Status of the connection to SDX

<keepalive-information>

Usage

```
<sdx-information>
  <keepalive-information>
    <interval>
      interval
    </interval>
```

```
<keepalive-count>
  keepalive-count
</keepalive-count>
<elapsed-time>
  elapsed-time
</elapsed-time>
</keepalive-information>
</sdx-information>
```

Description Keepalive settings and statistics

<notification-information>

Usage

```
<sdx-information>
  <notification-information>
    <notification-count>
      notification-count
    </notification-count>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </notification-information>
</sdx-information>
```

Description Notification statistics

<peer-information>

Usage

```
<sdx-information>
  <peer-information>
    <elapsed-time>
      elapsed-time
    </elapsed-time>
  </peer-information>
</sdx-information>
```

Description Peer statistics

<sdx-information>

Usage

```
<sdx-information>
  <unconfigured>
    unconfigured
  </unconfigured>
  <connection-status>....</connection-status>
  <keepalive-information>....</keepalive-information>
  <notification-information>....</notification-information>
  <peer-information>....</peer-information>
```

</sdx-information>

Description Information about service deployment application

Summary of SecPolInfo Response Tags

<resource>

Usage

```
<resource-utilization>
  <resource>
    <area>
      area
    </area>
    <current>
      current
    </current>
    <maximum>
      maximum
    </maximum>
  </resource>
</resource-utilization>
```

Description Resource information

<resource>

Usage

```
<secpolinfo-policy-information>
  <secpolinfo-policy>
    <resource-utilization>
      <resource>
        <area>
          area
        </area>
        <current>
          current
        </current>
        <maximum>
          maximum
        </maximum>
      </resource>
    </resource-utilization>
  </secpolinfo-policy>
</secpolinfo-policy-information>
```

Description Resource information

<resource-utilization>**Usage**

```
<resource-utilization>
  <resource>....</resource>
</resource-utilization>
```

Description Resources used by a process

<resource-utilization>**Usage**

```
<secpolinfo-policy-information>
  <secpolinfo-policy>
    <resource-utilization>
      <resource>....</resource>
    </resource-utilization>
  </secpolinfo-policy>
</secpolinfo-policy-information>
```

Description Resources used by a process

<secpolinfo-policy>**Usage**

```
<secpolinfo-policy-information>
  <secpolinfo-policy>
    <secpolinfo-policy-provider-prefix>
      secpolinfo-policy-provider-prefix
    </secpolinfo-policy-provider-prefix>
    <secpolinfo-policy-provider-id>
      secpolinfo-policy-provider-id
    </secpolinfo-policy-provider-id>
    <secpolinfo-policy-applied-role>
      secpolinfo-policy-applied-role
    </secpolinfo-policy-applied-role>
    <secpolinfo-policy-applied-policy>
      secpolinfo-policy-applied-policy
    </secpolinfo-policy-applied-policy>
    <secpolinfo-policy-inherited-role>
      secpolinfo-policy-inherited-role
    </secpolinfo-policy-inherited-role>
    <secpolinfo-policy-inherited-policy>
      secpolinfo-policy-inherited-policy
    </secpolinfo-policy-inherited-policy>
    <resource-utilization>....</resource-utilization>
  </secpolinfo-policy>
</secpolinfo-policy-information>
```

Description

<secpolinfo-policy-information>

Usage

```
<secpolinfo-policy-information>
  <secpolinfo-policy> ....</secpolinfo-policy>
</secpolinfo-policy-information>
```

Description

Summary of Services Accounting Response Tags

<detail-entry>

Usage

```
<detail-entry>
  <tos>
    tos
  </tos>
  <protocol>
    protocol
  </protocol>
  <tcp-flags>
    tcp-flags
  </tcp-flags>
  <source-address>
    source-address
  </source-address>
  <source-prefix-length>
    source-prefix-length
  </source-prefix-length>
  <destination-address>
    destination-address
  </destination-address>
  <destination-prefix-length>
    destination-prefix-length
  </destination-prefix-length>
  <source-port>
    source-port
  </source-port>
  <destination-port>
    destination-port
  </destination-port>
  <input-snmp-interface-index>
    input-snmp-interface-index
  </input-snmp-interface-index>
  <output-snmp-interface-index>
    output-snmp-interface-index
  </output-snmp-interface-index>
  <input-interface-name>
    input-interface-name
  </input-interface-name>
  <output-interface-name>
    output-interface-name
  </output-interface-name>
```

```
<source-as>
  source-as
</source-as>
<destination-as>
  destination-as
</destination-as>
<start-time>
  start-time
</start-time>
<end-time>
  end-time
</end-time>
<packet-count>
  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
<last-active-timeout>....</last-active-timeout>
<source-mask>
  source-mask
</source-mask>
<destination-mask>
  destination-mask
</destination-mask>
<icmp-type>
  icmp-type
</icmp-type>
<mpls-label-1>
  mpls-label-1
</mpls-label-1>
<mpls-label-2>
  mpls-label-2
</mpls-label-2>
<mpls-label-3>
  mpls-label-3
</mpls-label-3>
<top-label-address>
  top-label-address
</top-label-address>
<source-ipv6-address>
  source-ipv6-address
</source-ipv6-address>
<destination-ipv6-address>
  destination-ipv6-address
</destination-ipv6-address>
<destination-peer-as>
  destination-peer-as
</destination-peer-as>
<bgp-nexthop>
  bgp-nexthop
</bgp-nexthop>
<flow-count>
  flow-count
</flow-count>
```

</detail-entry>

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-detail>
    <detail-entry>
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        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
      <output-interface-name>
        output-interface-name
      </output-interface-name>
      <source-as>
        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
    </detail-entry>
  </flow-detail>
</services-accounting-information>
```

```
</destination-as>
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  start-time
</start-time>
<end-time>
  end-time
</end-time>
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  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
<last-active-timeout>....</last-active-timeout>
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  source-mask
</source-mask>
<destination-mask>
  destination-mask
</destination-mask>
<icmp-type>
  icmp-type
</icmp-type>
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  mpls-label-1
</mpls-label-1>
<mpls-label-2>
  mpls-label-2
</mpls-label-2>
<mpls-label-3>
  mpls-label-3
</mpls-label-3>
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  top-label-address
</top-label-address>
<source-ipv6-address>
  source-ipv6-address
</source-ipv6-address>
<destination-ipv6-address>
  destination-ipv6-address
</destination-ipv6-address>
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  destination-peer-as
</destination-peer-as>
<bgp-nexthop>
  bgp-nexthop
</bgp-nexthop>
<flow-count>
  flow-count
</flow-count>
</detail-entry>
</flow-detail>
</services-accounting-information>
```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv4>
      <detail-entry>
        <tos>
          tos
        </tos>
        <protocol>
          protocol
        </protocol>
        <tcp-flags>
          tcp-flags
        </tcp-flags>
        <source-address>
          source-address
        </source-address>
        <source-prefix-length>
          source-prefix-length
        </source-prefix-length>
        <destination-address>
          destination-address
        </destination-address>
        <destination-prefix-length>
          destination-prefix-length
        </destination-prefix-length>
        <source-port>
          source-port
        </source-port>
        <destination-port>
          destination-port
        </destination-port>
        <input-snmp-interface-index>
          input-snmp-interface-index
        </input-snmp-interface-index>
        <output-snmp-interface-index>
          output-snmp-interface-index
        </output-snmp-interface-index>
        <input-interface-name>
          input-interface-name
        </input-interface-name>
        <output-interface-name>
          output-interface-name
        </output-interface-name>
        <source-as>
          source-as
        </source-as>
        <destination-as>
          destination-as
        </destination-as>
        <start-time>
```

```

    start-time
  </start-time>
  <end-time>
    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
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  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
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    icmp-type
  </icmp-type>
  <mpls-label-1>
    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
  </mpls-label-3>
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    top-label-address
  </top-label-address>
  <source-ipv6-address>
    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
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    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-template-detail-ipv4>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-mpls>
      <detail-entry>
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          tos
        </tos>
        <protocol>
          protocol
        </protocol>
        <tcp-flags>
          tcp-flags
        </tcp-flags>
        <source-address>
          source-address
        </source-address>
        <source-prefix-length>
          source-prefix-length
        </source-prefix-length>
        <destination-address>
          destination-address
        </destination-address>
        <destination-prefix-length>
          destination-prefix-length
        </destination-prefix-length>
        <source-port>
          source-port
        </source-port>
        <destination-port>
          destination-port
        </destination-port>
        <input-snmp-interface-index>
          input-snmp-interface-index
        </input-snmp-interface-index>
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          output-snmp-interface-index
        </output-snmp-interface-index>
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          input-interface-name
        </input-interface-name>
        <output-interface-name>
          output-interface-name
        </output-interface-name>
        <source-as>
          source-as
        </source-as>
        <destination-as>
          destination-as
        </destination-as>
        <start-time>
          start-time
        </start-time>
```



```

<end-time>
  end-time
</end-time>
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  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
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</destination-mask>
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</icmp-type>
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  mpls-label-2
</mpls-label-2>
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  mpls-label-3
</mpls-label-3>
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</top-label-address>
<source-ipv6-address>
  source-ipv6-address
</source-ipv6-address>
<destination-ipv6-address>
  destination-ipv6-address
</destination-ipv6-address>
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  destination-peer-as
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  bgp-nexthop
</bgp-nexthop>
<flow-count>
  flow-count
</flow-count>
</detail-entry>
</flow-aggregate-template-detail-mpls>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-mpls-ipv4>
      <detail-entry>
        <tos>
          tos
        </tos>
        <protocol>
          protocol
        </protocol>
        <tcp-flags>
          tcp-flags
        </tcp-flags>
        <source-address>
          source-address
        </source-address>
        <source-prefix-length>
          source-prefix-length
        </source-prefix-length>
        <destination-address>
          destination-address
        </destination-address>
        <destination-prefix-length>
          destination-prefix-length
        </destination-prefix-length>
        <source-port>
          source-port
        </source-port>
        <destination-port>
          destination-port
        </destination-port>
        <input-snmp-interface-index>
          input-snmp-interface-index
        </input-snmp-interface-index>
        <output-snmp-interface-index>
          output-snmp-interface-index
        </output-snmp-interface-index>
        <input-interface-name>
          input-interface-name
        </input-interface-name>
        <output-interface-name>
          output-interface-name
        </output-interface-name>
        <source-as>
          source-as
        </source-as>
        <destination-as>
          destination-as
        </destination-as>
        <start-time>
          start-time
        </start-time>
```

```

<end-time>
  end-time
</end-time>
<packet-count>
  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
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<destination-mask>
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</destination-mask>
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  icmp-type
</icmp-type>
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  mpls-label-2
</mpls-label-2>
<mpls-label-3>
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</mpls-label-3>
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</top-label-address>
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  source-ipv6-address
</source-ipv6-address>
<destination-ipv6-address>
  destination-ipv6-address
</destination-ipv6-address>
<destination-peer-as>
  destination-peer-as
</destination-peer-as>
<bgp-nexthop>
  bgp-nexthop
</bgp-nexthop>
<flow-count>
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</flow-count>
</detail-entry>
</flow-aggregate-template-detail-mpls-ipv4>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv6>
      <detail-entry>
        <tos>
          tos
        </tos>
        <protocol>
          protocol
        </protocol>
        <tcp-flags>
          tcp-flags
        </tcp-flags>
        <source-address>
          source-address
        </source-address>
        <source-prefix-length>
          source-prefix-length
        </source-prefix-length>
        <destination-address>
          destination-address
        </destination-address>
        <destination-prefix-length>
          destination-prefix-length
        </destination-prefix-length>
        <source-port>
          source-port
        </source-port>
        <destination-port>
          destination-port
        </destination-port>
        <input-snmp-interface-index>
          input-snmp-interface-index
        </input-snmp-interface-index>
        <output-snmp-interface-index>
          output-snmp-interface-index
        </output-snmp-interface-index>
        <input-interface-name>
          input-interface-name
        </input-interface-name>
        <output-interface-name>
          output-interface-name
        </output-interface-name>
        <source-as>
          source-as
        </source-as>
        <destination-as>
          destination-as
        </destination-as>
        <start-time>
          start-time
        </start-time>
```

```

<end-time>
  end-time
</end-time>
<packet-count>
  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
<last-active-timeout>....</last-active-timeout>
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<destination-mask>
  destination-mask
</destination-mask>
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  icmp-type
</icmp-type>
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  mpls-label-2
</mpls-label-2>
<mpls-label-3>
  mpls-label-3
</mpls-label-3>
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  top-label-address
</top-label-address>
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  source-ipv6-address
</source-ipv6-address>
<destination-ipv6-address>
  destination-ipv6-address
</destination-ipv6-address>
<destination-peer-as>
  destination-peer-as
</destination-peer-as>
<bgp-nexthop>
  bgp-nexthop
</bgp-nexthop>
<flow-count>
  flow-count
</flow-count>
</detail-entry>
</flow-aggregate-template-detail-ipv6>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-peer-as-billing>
      <detail-entry>
        <tos>
          tos
        </tos>
        <protocol>
          protocol
        </protocol>
        <tcp-flags>
          tcp-flags
        </tcp-flags>
        <source-address>
          source-address
        </source-address>
        <source-prefix-length>
          source-prefix-length
        </source-prefix-length>
        <destination-address>
          destination-address
        </destination-address>
        <destination-prefix-length>
          destination-prefix-length
        </destination-prefix-length>
        <source-port>
          source-port
        </source-port>
        <destination-port>
          destination-port
        </destination-port>
        <input-snmp-interface-index>
          input-snmp-interface-index
        </input-snmp-interface-index>
        <output-snmp-interface-index>
          output-snmp-interface-index
        </output-snmp-interface-index>
        <input-interface-name>
          input-interface-name
        </input-interface-name>
        <output-interface-name>
          output-interface-name
        </output-interface-name>
        <source-as>
          source-as
        </source-as>
        <destination-as>
          destination-as
        </destination-as>
        <start-time>
          start-time
        </start-time>
```

```

<end-time>
  end-time
</end-time>
<packet-count>
  packet-count
</packet-count>
<byte-count>
  byte-count
</byte-count>
<last-active-timeout>....</last-active-timeout>
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  destination-mask
</destination-mask>
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</icmp-type>
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  mpls-label-2
</mpls-label-2>
<mpls-label-3>
  mpls-label-3
</mpls-label-3>
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  source-ipv6-address
</source-ipv6-address>
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  destination-ipv6-address
</destination-ipv6-address>
<destination-peer-as>
  destination-peer-as
</destination-peer-as>
<bgp-nexthop>
  bgp-nexthop
</bgp-nexthop>
<flow-count>
  flow-count
</flow-count>
</detail-entry>
</flow-aggregate-template-detail-peer-as-billing>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-as-detail>
    <detail-entry>
      <tos>
        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
      <output-interface-name>
        output-interface-name
      </output-interface-name>
      <source-as>
        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
      <start-time>
        start-time
      </start-time>
      <end-time>
```



```

    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
  <source-mask>
    source-mask
  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
  <icmp-type>
    icmp-type
  </icmp-type>
  <mpls-label-1>
    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
  </mpls-label-3>
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    top-label-address
  </top-label-address>
  <source-ipv6-address>
    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
  <flow-count>
    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-as-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-protocol-port-detail>
    <detail-entry>
      <tos>
        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
      <output-interface-name>
        output-interface-name
      </output-interface-name>
      <source-as>
        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
      <start-time>
        start-time
      </start-time>
      <end-time>
```

```

    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
  <source-mask>
    source-mask
  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
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    icmp-type
  </icmp-type>
  <mpls-label-1>
    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
  </mpls-label-3>
  <top-label-address>
    top-label-address
  </top-label-address>
  <source-ipv6-address>
    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
  <flow-count>
    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-protocol-port-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-source-prefix-detail>
    <detail-entry>
      <tos>
        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
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        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
      <start-time>
        start-time
      </start-time>
      <end-time>
```

```

    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
  <source-mask>
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  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
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    icmp-type
  </icmp-type>
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    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
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    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
  <flow-count>
    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-source-prefix-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-destination-prefix-detail>
    <detail-entry>
      <tos>
        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
      <output-interface-name>
        output-interface-name
      </output-interface-name>
      <source-as>
        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
      <start-time>
        start-time
      </start-time>
      <end-time>
```

```

    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
  <source-mask>
    source-mask
  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
  <icmp-type>
    icmp-type
  </icmp-type>
  <mpls-label-1>
    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
  </mpls-label-3>
  <top-label-address>
    top-label-address
  </top-label-address>
  <source-ipv6-address>
    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
  <flow-count>
    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-destination-prefix-detail>
</services-accounting-information>

```

Description Detail entry

<detail-entry>

Usage

```
<services-accounting-information>
  <flow-aggregate-source-destination-prefix-detail>
    <detail-entry>
      <tos>
        tos
      </tos>
      <protocol>
        protocol
      </protocol>
      <tcp-flags>
        tcp-flags
      </tcp-flags>
      <source-address>
        source-address
      </source-address>
      <source-prefix-length>
        source-prefix-length
      </source-prefix-length>
      <destination-address>
        destination-address
      </destination-address>
      <destination-prefix-length>
        destination-prefix-length
      </destination-prefix-length>
      <source-port>
        source-port
      </source-port>
      <destination-port>
        destination-port
      </destination-port>
      <input-snmp-interface-index>
        input-snmp-interface-index
      </input-snmp-interface-index>
      <output-snmp-interface-index>
        output-snmp-interface-index
      </output-snmp-interface-index>
      <input-interface-name>
        input-interface-name
      </input-interface-name>
      <output-interface-name>
        output-interface-name
      </output-interface-name>
      <source-as>
        source-as
      </source-as>
      <destination-as>
        destination-as
      </destination-as>
      <start-time>
        start-time
      </start-time>
      <end-time>
```



```

    end-time
  </end-time>
  <packet-count>
    packet-count
  </packet-count>
  <byte-count>
    byte-count
  </byte-count>
  <last-active-timeout>....</last-active-timeout>
  <source-mask>
    source-mask
  </source-mask>
  <destination-mask>
    destination-mask
  </destination-mask>
  <icmp-type>
    icmp-type
  </icmp-type>
  <mpls-label-1>
    mpls-label-1
  </mpls-label-1>
  <mpls-label-2>
    mpls-label-2
  </mpls-label-2>
  <mpls-label-3>
    mpls-label-3
  </mpls-label-3>
  <top-label-address>
    top-label-address
  </top-label-address>
  <source-ipv6-address>
    source-ipv6-address
  </source-ipv6-address>
  <destination-ipv6-address>
    destination-ipv6-address
  </destination-ipv6-address>
  <destination-peer-as>
    destination-peer-as
  </destination-peer-as>
  <bgp-nexthop>
    bgp-nexthop
  </bgp-nexthop>
  <flow-count>
    flow-count
  </flow-count>
</detail-entry>
</flow-aggregate-source-destination-prefix-detail>
</services-accounting-information>

```

Description Detail entry

<error-information>

Usage

```
<services-accounting-information>
  <error-information>
    <error-packets-dropped-no-memory>
      error-packets-dropped-no-memory
    </error-packets-dropped-no-memory>
    <error-packets-dropped-not-ip>
      error-packets-dropped-not-ip
    </error-packets-dropped-not-ip>
    <error-packets-dropped-not-ipv4>
      error-packets-dropped-not-ipv4
    </error-packets-dropped-not-ipv4>
    <error-packets-too-small>
      error-packets-too-small
    </error-packets-too-small>
    <error-allocation-failures>
      error-allocation-failures
    </error-allocation-failures>
    <error-free-failures>
      error-free-failures
    </error-free-failures>
    <error-free-list-failures>
      error-free-list-failures
    </error-free-list-failures>
    <error-memory-warning>
      error-memory-warning
    </error-memory-warning>
    <error-memory-overload>
      error-memory-overload
    </error-memory-overload>
    <error-packets-per-second-overload>
      error-packets-per-second-overload
    </error-packets-per-second-overload>
    <error-bytes-per-second-overload>
      error-bytes-per-second-overload
    </error-bytes-per-second-overload>
  </error-information>
</services-accounting-information>
```

Description Service accounting error information

<flow-aggregate-as-detail>

Usage

```
<services-accounting-information>
  <flow-aggregate-as-detail>
    <detail-entry>.....</detail-entry>
  </flow-aggregate-as-detail>
</services-accounting-information>
```

Description Service accounting AS flow aggregate record detail

<flow-aggregate-destination-prefix-detail>

Usage

```
<services-accounting-information>  
  <flow-aggregate-destination-prefix-detail>  
    <detail-entry>.....</detail-entry>  
  </flow-aggregate-destination-prefix-detail>  
</services-accounting-information>
```

Description Service accounting destination prefix aggregate record detail

<flow-aggregate-protocol-port-detail>

Usage

```
<services-accounting-information>  
  <flow-aggregate-protocol-port-detail>  
    <detail-entry>.....</detail-entry>  
  </flow-aggregate-protocol-port-detail>  
</services-accounting-information>
```

Description Service accounting protocol-port aggregate record detail

<flow-aggregate-source-destination-prefix-detail>

Usage

```
<services-accounting-information>  
  <flow-aggregate-source-destination-prefix-detail>  
    <detail-entry>.....</detail-entry>  
  </flow-aggregate-source-destination-prefix-detail>  
</services-accounting-information>
```

Description Service accounting source-destination prefix aggregate record detail

<flow-aggregate-source-prefix-detail>

Usage

```
<services-accounting-information>  
  <flow-aggregate-source-prefix-detail>  
    <detail-entry>.....</detail-entry>  
  </flow-aggregate-source-prefix-detail>  
</services-accounting-information>
```

Description Service accounting source prefix aggregate record detail

<flow-aggregate-template-detail>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv4>....</flow-aggregate-template-detail-ipv4>

    <flow-aggregate-template-detail-mpls>....</flow-aggregate-template-detail-mpls>

    <flow-aggregate-template-detail-mpls-ipv4>....</flow-aggregate-template-detail-mpls-ipv4>

    <flow-aggregate-template-detail-ipv6>....</flow-aggregate-template-detail-ipv6>

    <flow-aggregate-template-detail-peer-as-billing>....</flow-aggregate-template-detail-peer-as-billing>

  </flow-aggregate-template-detail>
</services-accounting-information>
```

Description Service accounting template aggregate record detail

<flow-aggregate-template-detail-ipv4>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv4>
      <detail-entry>....</detail-entry>
    </flow-aggregate-template-detail-ipv4>
  </flow-aggregate-template-detail>
</services-accounting-information>
```

Description

<flow-aggregate-template-detail-ipv6>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv6>
      <detail-entry>....</detail-entry>
    </flow-aggregate-template-detail-ipv6>
  </flow-aggregate-template-detail>
</services-accounting-information>
```

Description

<flow-aggregate-template-detail-mpls>

Usage

```
<services-accounting-information>
```

```

<flow-aggregate-template-detail>
  <flow-aggregate-template-detail-mpls>
    <detail-entry>....</detail-entry>
  </flow-aggregate-template-detail-mpls>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description

<flow-aggregate-template-detail-mpls-ipv4>

Usage

```

<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-mpls-ipv4>
      <detail-entry>....</detail-entry>
    </flow-aggregate-template-detail-mpls-ipv4>
  </flow-aggregate-template-detail>
</services-accounting-information>

```

Description

<flow-aggregate-template-detail-peer-as-billing>

Usage

```

<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-peer-as-billing>
      <detail-entry>....</detail-entry>
    </flow-aggregate-template-detail-peer-as-billing>
  </flow-aggregate-template-detail>
</services-accounting-information>

```

Description

<flow-detail>

Usage

```

<services-accounting-information>
  <flow-detail>
    <detail-entry>....</detail-entry>
  </flow-detail>
</services-accounting-information>

```

Description Service accounting flow record detail

<flow-information>

Usage

```

<services-accounting-information>
  <flow-information>
    <interface-name>

```

```
    interface-name
  </interface-name>
  <local_ifd_index>
    local_ifd_index
  </local_ifd_index>
  <flow-packets>
    flow-packets
  </flow-packets>
  <flow-bytes>
    flow-bytes
  </flow-bytes>
  <flow-packets-ten-second-rate>
    flow-packets-ten-second-rate
  </flow-packets-ten-second-rate>
  <flow-bytes-ten-second-rate>
    flow-bytes-ten-second-rate
  </flow-bytes-ten-second-rate>
  <active-flows>
    active-flows
  </active-flows>
  <flows>
    flows
  </flows>
  <flows-exported>
    flows-exported
  </flows-exported>
  <flow-packets-exported>
    flow-packets-exported
  </flow-packets-exported>
  <flows-expired>
    flows-expired
  </flows-expired>
  <flows-aged>
    flows-aged
  </flows-aged>
</flow-information>
</services-accounting-information>
```

Description Service accounting flow information

<inline-jflow-error-information>

Usage

```
<services-accounting-information>
  <inline-jflow-error-information>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <inline-flow-creation-failures>
      inline-flow-creation-failures
    </inline-flow-creation-failures>
    <ring-buffer-failures>
      ring-buffer-failures
    </ring-buffer-failures>
```

```

<inline-route-record-lookup-failure>
  inline-route-record-lookup-failure
</inline-route-record-lookup-failure>
<inline-as-lookup-failures>
  inline-as-lookup-failures
</inline-as-lookup-failures>
<inline-export-packet-failures>
  inline-export-packet-failures
</inline-export-packet-failures>
<inline-memory-overload>
  inline-memory-overload
</inline-memory-overload>
</inline-jflow-error-information>
</services-accounting-information>

```

Description Inline Jflow accounting error information

<inline-jflow-flow-information>

Usage

```

<services-accounting-information>
  <inline-jflow-flow-information>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <inline-flow-packets>
      inline-flow-packets
    </inline-flow-packets>
    <inline-flow-bytes>
      inline-flow-bytes
    </inline-flow-bytes>
    <inline-active-flows>
      inline-active-flows
    </inline-active-flows>
    <inline-flows>
      inline-flows
    </inline-flows>
    <inline-flows-exported>
      inline-flows-exported
    </inline-flows-exported>
    <inline-flow-packets-exported>
      inline-flow-packets-exported
    </inline-flow-packets-exported>
    <inline-flows-expired>
      inline-flows-expired
    </inline-flows-expired>
    <inline-flows-aged>
      inline-flows-aged
    </inline-flows-aged>
  </inline-jflow-flow-information>
</services-accounting-information>

```

Description Service accounting flow information

<inline-jflow-status-information>

Usage

```
<services-accounting-information>
  <inline-jflow-status-information>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <inline-status-export-format>
      inline-status-export-format
    </inline-status-export-format>
    <inline-status-route-record-count>
      inline-status-route-record-count
    </inline-status-route-record-count>
    <inline-status-as-count>
      inline-status-as-count
    </inline-status-as-count>
    <ring-buffer-entries>
      ring-buffer-entries
    </ring-buffer-entries>
    <inline-status-route-record-set>
      inline-status-route-record-set
    </inline-status-route-record-set>
    <inline-status-config-set>
      inline-status-config-set
    </inline-status-config-set>
  </inline-jflow-status-information>
</services-accounting-information>
```

Description Service accounting status information

<last-active-timeout>

Usage

```
<last-active-timeout>
  <time-delta>
    time-delta
  </time-delta>
  <last-packet-count>
    last-packet-count
  </last-packet-count>
  <last-byte-count>
    last-byte-count
  </last-byte-count>
</last-active-timeout>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<detail-entry>
```



```
<last-active-timeout>
  <time-delta>
    time-delta
  </time-delta>
  <last-packet-count>
    last-packet-count
  </last-packet-count>
  <last-byte-count>
    last-byte-count
  </last-byte-count>
</last-active-timeout>
</detail-entry>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-detail>
    <detail-entry>
      <last-active-timeout>
        <time-delta>
          time-delta
        </time-delta>
        <last-packet-count>
          last-packet-count
        </last-packet-count>
        <last-byte-count>
          last-byte-count
        </last-byte-count>
      </last-active-timeout>
    </detail-entry>
  </flow-detail>
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv4>
      <detail-entry>
        <last-active-timeout>
          <time-delta>
            time-delta
          </time-delta>
          <last-packet-count>
            last-packet-count
          </last-packet-count>
          <last-byte-count>
```

```
        last-byte-count
      </last-byte-count>
    </last-active-timeout>
  </detail-entry>
</flow-aggregate-template-detail-ipv4>
</flow-aggregate-template-detail>
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-mpls>
      <detail-entry>
        <last-active-timeout>
          <time-delta>
            time-delta
          </time-delta>
          <last-packet-count>
            last-packet-count
          </last-packet-count>
          <last-byte-count>
            last-byte-count
          </last-byte-count>
        </last-active-timeout>
      </detail-entry>
    </flow-aggregate-template-detail-mpls>
  </flow-aggregate-template-detail>
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-mpls-ipv4>
      <detail-entry>
        <last-active-timeout>
          <time-delta>
            time-delta
          </time-delta>
          <last-packet-count>
            last-packet-count
          </last-packet-count>
          <last-byte-count>
            last-byte-count
          </last-byte-count>
        </last-active-timeout>
      </detail-entry>
    </flow-aggregate-template-detail-mpls-ipv4>
  </flow-aggregate-template-detail>
</services-accounting-information>
```

```

    </detail-entry>
  </flow-aggregate-template-detail-mpls-ipv4>
</flow-aggregate-template-detail>
</services-accounting-information>

```

Description Last active timeout data

<last-active-timeout>

Usage

```

<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-ipv6>
      <detail-entry>
        <last-active-timeout>
          <time-delta>
            time-delta
          </time-delta>
          <last-packet-count>
            last-packet-count
          </last-packet-count>
          <last-byte-count>
            last-byte-count
          </last-byte-count>
        </last-active-timeout>
      </detail-entry>
    </flow-aggregate-template-detail-ipv6>
  </flow-aggregate-template-detail>
</services-accounting-information>

```

Description Last active timeout data

<last-active-timeout>

Usage

```

<services-accounting-information>
  <flow-aggregate-template-detail>
    <flow-aggregate-template-detail-peer-as-billing>
      <detail-entry>
        <last-active-timeout>
          <time-delta>
            time-delta
          </time-delta>
          <last-packet-count>
            last-packet-count
          </last-packet-count>
          <last-byte-count>
            last-byte-count
          </last-byte-count>
        </last-active-timeout>
      </detail-entry>
    </flow-aggregate-template-detail-peer-as-billing>
  </flow-aggregate-template-detail>

```

```
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-aggregate-as-detail>
    <detail-entry>
      <last-active-timeout>
        <time-delta>
          time-delta
        </time-delta>
        <last-packet-count>
          last-packet-count
        </last-packet-count>
        <last-byte-count>
          last-byte-count
        </last-byte-count>
      </last-active-timeout>
    </detail-entry>
  </flow-aggregate-as-detail>
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>

Usage

```
<services-accounting-information>
  <flow-aggregate-protocol-port-detail>
    <detail-entry>
      <last-active-timeout>
        <time-delta>
          time-delta
        </time-delta>
        <last-packet-count>
          last-packet-count
        </last-packet-count>
        <last-byte-count>
          last-byte-count
        </last-byte-count>
      </last-active-timeout>
    </detail-entry>
  </flow-aggregate-protocol-port-detail>
</services-accounting-information>
```

Description Last active timeout data

<last-active-timeout>**Usage**

```

<services-accounting-information>
  <flow-aggregate-source-prefix-detail>
    <detail-entry>
      <last-active-timeout>
        <time-delta>
          time-delta
        </time-delta>
        <last-packet-count>
          last-packet-count
        </last-packet-count>
        <last-byte-count>
          last-byte-count
        </last-byte-count>
      </last-active-timeout>
    </detail-entry>
  </flow-aggregate-source-prefix-detail>
</services-accounting-information>

```

Description Last active timeout data

<last-active-timeout>**Usage**

```

<services-accounting-information>
  <flow-aggregate-destination-prefix-detail>
    <detail-entry>
      <last-active-timeout>
        <time-delta>
          time-delta
        </time-delta>
        <last-packet-count>
          last-packet-count
        </last-packet-count>
        <last-byte-count>
          last-byte-count
        </last-byte-count>
      </last-active-timeout>
    </detail-entry>
  </flow-aggregate-destination-prefix-detail>
</services-accounting-information>

```

Description Last active timeout data

<last-active-timeout>**Usage**

```

<services-accounting-information>
  <flow-aggregate-source-destination-prefix-detail>
    <detail-entry>

```

```
<last-active-timeout>
  <time-delta>
    time-delta
  </time-delta>
  <last-packet-count>
    last-packet-count
  </last-packet-count>
  <last-byte-count>
    last-byte-count
  </last-byte-count>
</last-active-timeout>
</detail-entry>
</flow-aggregate-source-destination-prefix-detail>
</services-accounting-information>
```

Description Last active timeout data

<memory-information>

Usage

```
<services-accounting-information>
  <memory-information>
    <interface-name>
      interface-name
    </interface-name>
    <allocation-count>
      allocation-count
    </allocation-count>
    <free-count>
      free-count
    </free-count>
    <maximum-allocated>
      maximum-allocated
    </maximum-allocated>
    <allocations-per-second>
      allocations-per-second
    </allocations-per-second>
    <frees-per-second>
      frees-per-second
    </frees-per-second>
    <memory-used>
      memory-used
    </memory-used>
    <memory-free>
      memory-free
    </memory-free>
    <v9-memory-used>
      v9-memory-used
    </v9-memory-used>
  </memory-information>
</services-accounting-information>
```

Description Service accounting memory utilization

<packet-distribution-information>

Usage

```

<services-accounting-information>
  <packet-distribution-information>
    <packet-size-range-start>
      packet-size-range-start
    </packet-size-range-start>
    <packet-size-range-end>
      packet-size-range-end
    </packet-size-range-end>
    <range-number-packets>
      range-number-packets
    </range-number-packets>
    <range-percentage-packets>
      range-percentage-packets
    </range-percentage-packets>
  </packet-distribution-information>
</services-accounting-information>

```

Description Service accounting packet distribution information

<services-accounting-information>

Usage

```

<services-accounting-information>
  <service-name>
    service-name
  </service-name>
  <interface-name>
    interface-name
  </interface-name>
  <pic-status>
    pic-status
  </pic-status>
  <local-index>
    local-index
  </local-index>
  <usage-information>....</usage-information>
  <memory-information>....</memory-information>
  <flow-information>....</flow-information>
  <inline-jflow-flow-information>....</inline-jflow-flow-information>
  <packet-distribution-information>....</packet-distribution-information>
  <error-information>....</error-information>
  <inline-jflow-error-information>....</inline-jflow-error-information>
  <v9-error-information>....</v9-error-information>
  <status-information>....</status-information>
  <inline-jflow-status-information>....</inline-jflow-status-information>
  <flow-detail>....</flow-detail>
  <flow-aggregate-template-detail>....</flow-aggregate-template-detail>
  <flow-aggregate-as-detail>....</flow-aggregate-as-detail>
  <flow-aggregate-protocol-port-detail>....</flow-aggregate-protocol-port-detail>

  <flow-aggregate-source-prefix-detail>....</flow-aggregate-source-prefix-detail>

```

<flow-aggregate-destination-prefix-detail>....</flow-aggregate-destination-prefix-detail>

<flow-aggregate-source-destination-prefix-detail>...</flow-aggregate-source-destination-prefix-detail>

</services-accounting-information>

Description

<status-information>

Usage

```
<services-accounting-information>
  <status-information>
    <status-service-id>
      status-service-id
    </status-service-id>
    <status-export-interval>
      status-export-interval
    </status-export-interval>
    <interface-name>
      interface-name
    </interface-name>
    <status-export-format>
      status-export-format
    </status-export-format>
    <status-proto>
      status-proto
    </status-proto>
    <status-engine-type>
      status-engine-type
    </status-engine-type>
    <status-engine-id>
      status-engine-id
    </status-engine-id>
    <status-route-record-count>
      status-route-record-count
    </status-route-record-count>
    <status-ifl-snmp-map-count>
      status-ifl-snmp-map-count
    </status-ifl-snmp-map-count>
    <status-as-count>
      status-as-count
    </status-as-count>
    <status-monitor-time-set>
      status-monitor-time-set
    </status-monitor-time-set>
    <status-monitor-config-set>
      status-monitor-config-set
    </status-monitor-config-set>
    <status-monitor-route-record-set>
      status-monitor-route-record-set
    </status-monitor-route-record-set>
```



```

<status-monitor-ifl-snmp-set>
  status-monitor-ifl-snmp-set
</status-monitor-ifl-snmp-set>
</status-information>
</services-accounting-information>

```

Description Service accounting status information

<usage-information>

Usage

```

<services-accounting-information>
  <usage-information>
    <interface-name>
      interface-name
    </interface-name>
    <uptime>
      uptime
    </uptime>
    <inttime>
      inttime
    </inttime>
    <five-second-load>
      five-second-load
    </five-second-load>
    <one-minute-load>
      one-minute-load
    </one-minute-load>
  </usage-information>
</services-accounting-information>

```

Description Service accounting CPU utilization

<v9-error-information>

Usage

```

<services-accounting-information>
  <v9-error-information>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-dropped>
      service-set-dropped
    </service-set-dropped>
    <active-timeout-failures>
      active-timeout-failures
    </active-timeout-failures>
    <export-packet-failures>
      export-packet-failures
    </export-packet-failures>
    <flow-creation-failures>
      flow-creation-failures
    </flow-creation-failures>
  </v9-error-information>
</services-accounting-information>

```

```
<memory-overload>
  memory-overload
</memory-overload>
</v9-error-information>
</services-accounting-information>
```

Description Jflow-v9 accounting error information

Summary of Services Flow Collector Response Tags ---

<export-channel>

Usage

```
<services-flow-collector-information>
<statistics-information>
  <export-channel>
    <export-channel-index>
      export-channel-index
    </export-channel-index>
    <current-server>
      current-server
    </current-server>
    <primary-server-state>
      primary-server-state
    </primary-server-state>
    <secondary-server-state>
      secondary-server-state
    </secondary-server-state>
  </export-channel>
</statistics-information>
</services-flow-collector-information>
```

Description Export channel on interface

<file>

Usage

```
<services-flow-collector-information>
<file-information>
  <file>
    <file-name>
      file-name
    </file-name>
    <flow-records>
      flow-records
    </flow-records>
    <flow-records-per-second>
      flow-records-per-second
    </flow-records-per-second>
    <peak-flow-records-per-second>
      peak-flow-records-per-second
    </peak-flow-records-per-second>
```

```

<uncompressed-bytes>
  uncompressed-bytes
</uncompressed-bytes>
<uncompressed-bytes-per-second>
  uncompressed-bytes-per-second
</uncompressed-bytes-per-second>
<peak-uncompressed-bytes-per-second>
  peak-uncompressed-bytes-per-second
</peak-uncompressed-bytes-per-second>
<compressed-bytes>
  compressed-bytes
</compressed-bytes>
<compressed-bytes-per-second>
  compressed-bytes-per-second
</compressed-bytes-per-second>
<peak-compressed-bytes-per-second>
  peak-compressed-bytes-per-second
</peak-compressed-bytes-per-second>
<compressed-block-count>
  compressed-block-count
</compressed-block-count>
<block-count>
  block-count
</block-count>
<state>
  state
</state>
<transfer-attempts>
  transfer-attempts
</transfer-attempts>
</file>
</file-information>
</services-flow-collector-information>

```

Description File statistics

<file-information>

Usage

```

<services-flow-collector-information>
  <file-information>
    <file>....</file>
  </file-information>
</services-flow-collector-information>

```

Description Service flow collector information about files

<input>

Usage

```

<services-flow-collector-information>
  <input-information>
    <input>

```

```
<input-interface>
  input-interface
</input-interface>
<packets>
  packets
</packets>
<bytes>
  bytes
</bytes>
</input>
</input-information>
</services-flow-collector-information>
```

Description Input interface statistics

<input-information>

Usage

```
<services-flow-collector-information>
  <input-information>
    <input>....</input>
  </input-information>
</services-flow-collector-information>
```

Description Service flow collector information for each input

<services-flow-collector-information>

Usage

```
<services-flow-collector-information>
  <interface-name>
    interface-name
  </interface-name>
  <pic-status>
    pic-status
  </pic-status>
  <statistics-information>....</statistics-information>
  <file-information>....</file-information>
  <input-information>....</input-information>
  <flow-collector-destination-response>
    flow-collector-destination-response
  </flow-collector-destination-response>
  <test-file-transfer-response>
    test-file-transfer-response
  </test-file-transfer-response>
  <clear-flow-collector-statistics-response>
    clear-flow-collector-statistics-response
  </clear-flow-collector-statistics-response>
</services-flow-collector-information>
```

Description

<statistics-information>

Usage

```

<services-flow-collector-information>
  <statistics-information>
    <memory-used>
      memory-used
    </memory-used>
    <memory-free>
      memory-free
    </memory-free>
    <packets>
      packets
    </packets>
    <packets-per-second>
      packets-per-second
    </packets-per-second>
    <peak-packets-per-second>
      peak-packets-per-second
    </peak-packets-per-second>
    <bytes>
      bytes
    </bytes>
    <bytes-per-second>
      bytes-per-second
    </bytes-per-second>
    <peak-bytes-per-second>
      peak-bytes-per-second
    </peak-bytes-per-second>
    <flow-record-processed>
      flow-record-processed
    </flow-record-processed>
    <flow-record-processed-per-second>
      flow-record-processed-per-second
    </flow-record-processed-per-second>
    <peak-flow-record-processed-per-second>
      peak-flow-record-processed-per-second
    </peak-flow-record-processed-per-second>
    <blocks-allocated>
      blocks-allocated
    </blocks-allocated>
    <blocks-allocated-per-second>
      blocks-allocated-per-second
    </blocks-allocated-per-second>
    <peak-blocks-allocated-per-second>
      peak-blocks-allocated-per-second
    </peak-blocks-allocated-per-second>
    <blocks-freed>
      blocks-freed
    </blocks-freed>
    <blocks-freed-per-second>
      blocks-freed-per-second
    </blocks-freed-per-second>
    <peak-blocks-freed-per-second>
      peak-blocks-freed-per-second
  
```

```
</peak-blocks-freed-per-second>
<blocks-unavailable>
  blocks-unavailable
</blocks-unavailable>
<blocks-unavailable-per-second>
  blocks-unavailable-per-second
</blocks-unavailable-per-second>
<peak-blocks-unavailable-per-second>
  peak-blocks-unavailable-per-second
</peak-blocks-unavailable-per-second>
<files-created>
  files-created
</files-created>
<files-created-per-second>
  files-created-per-second
</files-created-per-second>
<peak-files-created-per-second>
  peak-files-created-per-second
</peak-files-created-per-second>
<files-exported>
  files-exported
</files-exported>
<files-exported-per-second>
  files-exported-per-second
</files-exported-per-second>
<peak-files-exported-per-second>
  peak-files-exported-per-second
</peak-files-exported-per-second>
<files-destroyed>
  files-destroyed
</files-destroyed>
<files-destroyed-per-second>
  files-destroyed-per-second
</files-destroyed-per-second>
<peak-files-destroyed-per-second>
  peak-files-destroyed-per-second
</peak-files-destroyed-per-second>
<uncompressed-bytes>
  uncompressed-bytes
</uncompressed-bytes>
<uncompressed-bytes-per-second>
  uncompressed-bytes-per-second
</uncompressed-bytes-per-second>
<peak-uncompressed-bytes-per-second>
  peak-uncompressed-bytes-per-second
</peak-uncompressed-bytes-per-second>
<compressed-bytes>
  compressed-bytes
</compressed-bytes>
<compressed-bytes-per-second>
  compressed-bytes-per-second
</compressed-bytes-per-second>
<peak-compressed-bytes-per-second>
  peak-compressed-bytes-per-second
</peak-compressed-bytes-per-second>
<packet-no-memory-drops>
```

```

    packet-no-memory-drops
  </packet-no-memory-drops>
  <packet-not-ip-drops>
    packet-not-ip-drops
  </packet-not-ip-drops>
  <packet-not-ipv4-drops>
    packet-not-ipv4-drops
  </packet-not-ipv4-drops>
  <packet-too-small-drops>
    packet-too-small-drops
  </packet-too-small-drops>
  <packet-ip-fragment-drops>
    packet-ip-fragment-drops
  </packet-ip-fragment-drops>
  <packet-icmp-drops>
    packet-icmp-drops
  </packet-icmp-drops>
  <packet-tcp-drops>
    packet-tcp-drops
  </packet-tcp-drops>
  <packet-unknown-drops>
    packet-unknown-drops
  </packet-unknown-drops>
  <packet-not-jflow-drops>
    packet-not-jflow-drops
  </packet-not-jflow-drops>
  <ftp-bytes>
    ftp-bytes
  </ftp-bytes>
  <ftp-bytes-per-second>
    ftp-bytes-per-second
  </ftp-bytes-per-second>
  <peak-ftp-bytes-per-second>
    peak-ftp-bytes-per-second
  </peak-ftp-bytes-per-second>
  <ftp-files>
    ftp-files
  </ftp-files>
  <ftp-files-per-second>
    ftp-files-per-second
  </ftp-files-per-second>
  <peak-ftp-files-per-second>
    peak-ftp-files-per-second
  </peak-ftp-files-per-second>
  <ftp-failures>
    ftp-failures
  </ftp-failures>
  <export-channel>....</export-channel>
</statistics-information>
</services-flow-collector-information>

```

Description Service flow collector application information

Summary of Shared Memory Event Library Response Tags

<shmlog-information>

Usage

```
<shmlog-information>
  <user-information>
    user-information
  </user-information>
</shmlog-information>
```

Description

Summary of Shutdown Response Tags

<clear-reboot-status>

Usage

```
<clear-reboot-status>
  <reboot-information-results>
    reboot-information-results
  </reboot-information-results>
  <clear-reboot-status-results>
    clear-reboot-status-results
  </clear-reboot-status-results>
</clear-reboot-status>
```

Description Clear any pending reboots

<reboot-information>

Usage

```
<reboot-information>
  <reboot-information-results>
    reboot-information-results
  </reboot-information-results>
</reboot-information>
```

Description

<request-reboot-results>

Usage

```
<request-reboot-results>
  <request-reboot-status>
    request-reboot-status
  </request-reboot-status>
</request-reboot-results>
```

Description

Summary of Server Load Balancing Daemon Response Tags

<hash-table-information>

Usage

```
<hash-table-information>  
  <slb-hash-information>....</slb-hash-information>  
</hash-table-information>
```

Description Information of hash table for one or more virtual servers

<health-monitor-information>

Usage

```
<health-monitor-information>  
  <slb-hm-information>....</slb-hm-information>  
</health-monitor-information>
```

Description Health monitor configuration information about one or more health monitors

<health-monitor-statistics-information>

Usage

```
<health-monitor-statistics-information>  
  <slb-hm-statistics>....</slb-hm-statistics>  
</health-monitor-statistics-information>
```

Description Health monitor statistics information about one or more health monitors

<real-server-information>

Usage

```
<real-server-information>  
  <slb-rs-information>....</slb-rs-information>  
</real-server-information>
```

Description Information about one or more real servers

<real-server-statistics-information>

Usage

```
<real-server-statistics-information>  
  <slb-rs-statistics>....</slb-rs-statistics>  
</real-server-statistics-information>
```

Description Statistics of one or more real servers

<slb-hash-information>

Usage

```
<hash-table-information>
  <slb-hash-information>
    <slb-vs-servername>
      slb-vs-servername
    </slb-vs-servername>
    <slb-spu-slot>
      slb-spu-slot
    </slb-spu-slot>
    <slb-spu-pic>
      slb-spu-pic
    </slb-spu-pic>
    <slb-hash-index>
      slb-hash-index
    </slb-hash-index>
    <slb-rs-servername>
      slb-rs-servername
    </slb-rs-servername>
    <slb-hash-hits>
      slb-hash-hits
    </slb-hash-hits>
    <slb-hash-rs-servername>
      slb-hash-rs-servername
    </slb-hash-rs-servername>
    <slb-hash-keys-total>
      slb-hash-keys-total
    </slb-hash-keys-total>
    <slb-hash-hits-total>
      slb-hash-hits-total
    </slb-hash-hits-total>
  </slb-hash-information>
</hash-table-information>
```

Description

<slb-hm-information>

Usage

```
<health-monitor-information>
  <slb-hm-information>
    <slb-hm-rulename>
      slb-hm-rulename
    </slb-hm-rulename>
    <slb-hm-protocol>
      slb-hm-protocol
    </slb-hm-protocol>
    <slb-hm-port>
      slb-hm-port
    </slb-hm-port>
    <slb-hm-timeout>
      slb-hm-timeout
    </slb-hm-timeout>
    <slb-hm-itvl-down>
```

```

    slb-hm-itvl-down
  </slb-hm-itvl-down>
  <slb-hm-itvl-up>
    slb-hm-itvl-up
  </slb-hm-itvl-up>
  <slb-hm-max-retry>
    slb-hm-max-retry
  </slb-hm-max-retry>
  <slb-hm-rs-count>
    slb-hm-rs-count
  </slb-hm-rs-count>
  <slb-rs-servername>
    slb-rs-servername
  </slb-rs-servername>
  <slb-rs-hm-state>
    slb-rs-hm-state
  </slb-rs-hm-state>
  <slb-spu-slot>
    slb-spu-slot
  </slb-spu-slot>
  <slb-spu-pic>
    slb-spu-pic
  </slb-spu-pic>
</slb-hm-information>
</health-monitor-information>

```

Description

<slb-hm-statistics>

Usage

```

<health-monitor-statistics-information>
  <slb-hm-statistics>
    <slb-hm-rulename>
      slb-hm-rulename
    </slb-hm-rulename>
    <slb-rs-servername>
      slb-rs-servername
    </slb-rs-servername>
    <slb-spu-slot>
      slb-spu-slot
    </slb-spu-slot>
    <slb-spu-pic>
      slb-spu-pic
    </slb-spu-pic>
    <slb-rs-probe-state>
      slb-rs-probe-state
    </slb-rs-probe-state>
    <slb-hm-probe-up>
      slb-hm-probe-up
    </slb-hm-probe-up>
    <slb-hm-probe-down>
      slb-hm-probe-down
    </slb-hm-probe-down>
    <slb-hm-probe-tx-ok>

```

```
    slb-hm-probe-tx-ok
  </slb-hm-probe-tx-ok>
  <slb-hm-probe-tx-err>
    slb-hm-probe-tx-err
  </slb-hm-probe-tx-err>
  <slb-hm-packet-tx-ok>
    slb-hm-packet-tx-ok
  </slb-hm-packet-tx-ok>
  <slb-hm-packet-tx-err>
    slb-hm-packet-tx-err
  </slb-hm-packet-tx-err>
  <slb-hm-packet-rx-ok>
    slb-hm-packet-rx-ok
  </slb-hm-packet-rx-ok>
  <slb-hm-packet-rx-err>
    slb-hm-packet-rx-err
  </slb-hm-packet-rx-err>
</slb-hm-statistics>
</health-monitor-statistics-information>
```

Description

<slb-rs-information>

Usage

```
<real-server-information>
  <slb-rs-information>
    <slb-rs-servername>
      slb-rs-servername
    </slb-rs-servername>
    <slb-rs-ip>
      slb-rs-ip
    </slb-rs-ip>
    <slb-rs-protocol>
      slb-rs-protocol
    </slb-rs-protocol>
    <slb-rs-port>
      slb-rs-port
    </slb-rs-port>
    <slb-rs-weight>
      slb-rs-weight
    </slb-rs-weight>
    <slb-rs-admin-state>
      slb-rs-admin-state
    </slb-rs-admin-state>
    <slb-rs-hm-state>
      slb-rs-hm-state
    </slb-rs-hm-state>
    <slb-rs-ramp-up-time>
      slb-rs-ramp-up-time
    </slb-rs-ramp-up-time>
    <slb-rs-cur-conn-limit>
      slb-rs-cur-conn-limit
    </slb-rs-cur-conn-limit>
    <slb-rs-max-conn-limit>
```

```

    slb-rs-max-conn-limit
  </slb-rs-max-conn-limit>
  <slb-rs-min-conn-limit>
    slb-rs-min-conn-limit
  </slb-rs-min-conn-limit>
  <slb-routing-instance>
    slb-routing-instance
  </slb-routing-instance>
  <slb-hm-rulename>
    slb-hm-rulename
  </slb-hm-rulename>
  <slb-spu-slot>
    slb-spu-slot
  </slb-spu-slot>
  <slb-spu-pic>
    slb-spu-pic
  </slb-spu-pic>
</slb-rs-information>
</real-server-information>

```

Description

<slb-rs-statistics>

Usage

```

<real-server-statistics-information>
  <slb-rs-statistics>
    <slb-rs-servername>
      slb-rs-servername
    </slb-rs-servername>
    <slb-rs-total-conn>
      slb-rs-total-conn
    </slb-rs-total-conn>
    <slb-rs-active-conn>
      slb-rs-active-conn
    </slb-rs-active-conn>
    <slb-rs-conn-rate>
      slb-rs-conn-rate
    </slb-rs-conn-rate>
    <slb-rs-pkts>
      slb-rs-pkts
    </slb-rs-pkts>
    <slb-rs-pkt-rate>
      slb-rs-pkt-rate
    </slb-rs-pkt-rate>
    <slb-rs-bytes>
      slb-rs-bytes
    </slb-rs-bytes>
    <slb-rs-byte-rate>
      slb-rs-byte-rate
    </slb-rs-byte-rate>
    <slb-rs-spu-total-conn>
      slb-rs-spu-total-conn
    </slb-rs-spu-total-conn>
    <slb-rs-spu-active-conn>

```

```
    slb-rs-spu-active-conn
  </slb-rs-spu-active-conn>
  <slb-rs-spu-pkts>
    slb-rs-spu-pkts
  </slb-rs-spu-pkts>
  <slb-rs-spu-bytes>
    slb-rs-spu-bytes
  </slb-rs-spu-bytes>
  <slb-spu-slot>
    slb-spu-slot
  </slb-spu-slot>
  <slb-spu-pic>
    slb-spu-pic
  </slb-spu-pic>
  <slb-rs-probe-state>
    slb-rs-probe-state
  </slb-rs-probe-state>
  <slb-hm-probe-up>
    slb-hm-probe-up
  </slb-hm-probe-up>
  <slb-hm-probe-down>
    slb-hm-probe-down
  </slb-hm-probe-down>
  <slb-hm-probe-tx-ok>
    slb-hm-probe-tx-ok
  </slb-hm-probe-tx-ok>
  <slb-hm-probe-tx-err>
    slb-hm-probe-tx-err
  </slb-hm-probe-tx-err>
  <slb-hm-packet-tx-ok>
    slb-hm-packet-tx-ok
  </slb-hm-packet-tx-ok>
  <slb-hm-packet-tx-err>
    slb-hm-packet-tx-err
  </slb-hm-packet-tx-err>
  <slb-hm-packet-rx-ok>
    slb-hm-packet-rx-ok
  </slb-hm-packet-rx-ok>
  <slb-hm-packet-rx-err>
    slb-hm-packet-rx-err
  </slb-hm-packet-rx-err>
</slb-rs-statistics>
</real-server-statistics-information>
```

Description

<slb-sticky-information>

Usage

```
<sticky-table-information>
  <slb-sticky-information>
    <slb-vs-servername>
      slb-vs-servername
    </slb-vs-servername>
  <slb-spu-slot>
```

```

    slb-spu-slot
  </slb-spu-slot>
  <slb-spu-pic>
    slb-spu-pic
  </slb-spu-pic>
  <slb-sticky-index>
    slb-sticky-index
  </slb-sticky-index>
  <slb-sticky-key>
    slb-sticky-key
  </slb-sticky-key>
  <slb-rs-servername>
    slb-rs-servername
  </slb-rs-servername>
  <slb-sticky-hits>
    slb-sticky-hits
  </slb-sticky-hits>
  <slb-sticky-ttl>
    slb-sticky-ttl
  </slb-sticky-ttl>
  <slb-sticky-rs-servername>
    slb-sticky-rs-servername
  </slb-sticky-rs-servername>
  <slb-sticky-keys-total>
    slb-sticky-keys-total
  </slb-sticky-keys-total>
  <slb-sticky-hits-total>
    slb-sticky-hits-total
  </slb-sticky-hits-total>
</slb-sticky-information>
</sticky-table-information>

```

Description

<slb-vs-information>

Usage

```

<virtual-server-information>
  <slb-vs-information>
    <slb-vs-servername>
      slb-vs-servername
    </slb-vs-servername>
    <slb-vs-ip>
      slb-vs-ip
    </slb-vs-ip>
    <slb-vs-protocol>
      slb-vs-protocol
    </slb-vs-protocol>
    <slb-vs-port>
      slb-vs-port
    </slb-vs-port>
    <slb-vs-algorithm>
      slb-vs-algorithm
    </slb-vs-algorithm>
    <slb-vs-ssl-offload>

```

```
    slb-vs-ssl-offload
  </slb-vs-ssl-offload>
  <slb-vs-realservers-num>
    slb-vs-realservers-num
  </slb-vs-realservers-num>
  <slb-vs-mss>
    slb-vs-mss
  </slb-vs-mss>
  <slb-vs-sack-permitted>
    slb-vs-sack-permitted
  </slb-vs-sack-permitted>
  <slb-vs-wind-scale>
    slb-vs-wind-scale
  </slb-vs-wind-scale>
  <slb-vs-nat-mode>
    slb-vs-nat-mode
  </slb-vs-nat-mode>
  <slb-vs-sticky-mode>
    slb-vs-sticky-mode
  </slb-vs-sticky-mode>
  <slb-vs-sticky-timeout>
    slb-vs-sticky-timeout
  </slb-vs-sticky-timeout>
  <slb-vs-hash-replica>
    slb-vs-hash-replica
  </slb-vs-hash-replica>
  <slb-vs-hash-table-mask>
    slb-vs-hash-table-mask
  </slb-vs-hash-table-mask>
  <slb-routing-instance>
    slb-routing-instance
  </slb-routing-instance>
  <slb-vs-admin-state>
    slb-vs-admin-state
  </slb-vs-admin-state>
  <slb-vs-op-state>
    slb-vs-op-state
  </slb-vs-op-state>
  <slb-rs-servername>
    slb-rs-servername
  </slb-rs-servername>
  <slb-rs-ip>
    slb-rs-ip
  </slb-rs-ip>
  <slb-rs-protocol>
    slb-rs-protocol
  </slb-rs-protocol>
  <slb-rs-port>
    slb-rs-port
  </slb-rs-port>
  <slb-rs-weight>
    slb-rs-weight
  </slb-rs-weight>
  <slb-rs-admin-state>
    slb-rs-admin-state
  </slb-rs-admin-state>
```



```

    <slb-rs-hm-state>
      slb-rs-hm-state
    </slb-rs-hm-state>
  </slb-vs-information>
</virtual-server-information>

```

Description

<slb-vs-statistics>

Usage

```

<virtual-server-statistics-information>
  <slb-vs-statistics>
    <slb-vs-servername>
      slb-vs-servername
    </slb-vs-servername>
    <slb-vs-total-conn>
      slb-vs-total-conn
    </slb-vs-total-conn>
    <slb-vs-active-conn>
      slb-vs-active-conn
    </slb-vs-active-conn>
    <slb-vs-dropped-conn>
      slb-vs-dropped-conn
    </slb-vs-dropped-conn>
    <slb-vs-conn-rate>
      slb-vs-conn-rate
    </slb-vs-conn-rate>
    <slb-vs-pkts>
      slb-vs-pkts
    </slb-vs-pkts>
    <slb-vs-pkt-rate>
      slb-vs-pkt-rate
    </slb-vs-pkt-rate>
    <slb-vs-bytes>
      slb-vs-bytes
    </slb-vs-bytes>
    <slb-vs-byte-rate>
      slb-vs-byte-rate
    </slb-vs-byte-rate>
    <slb-vs-spu-total-conn>
      slb-vs-spu-total-conn
    </slb-vs-spu-total-conn>
    <slb-vs-spu-active-conn>
      slb-vs-spu-active-conn
    </slb-vs-spu-active-conn>
    <slb-vs-spu-pkts>
      slb-vs-spu-pkts
    </slb-vs-spu-pkts>
    <slb-vs-spu-bytes>
      slb-vs-spu-bytes
    </slb-vs-spu-bytes>
    <slb-vs-spu-drop-vs-down>
      slb-vs-spu-drop-vs-down
    </slb-vs-spu-drop-vs-down>
  </slb-vs-statistics>
</virtual-server-statistics-information>

```

```
<slb-vs-spu-drop-no-rs>
  slb-vs-spu-drop-no-rs
</slb-vs-spu-drop-no-rs>
<slb-vs-spu-drop-no-nh>
  slb-vs-spu-drop-no-nh
</slb-vs-spu-drop-no-nh>
<slb-vs-spu-drop-no-mem>
  slb-vs-spu-drop-no-mem
</slb-vs-spu-drop-no-mem>
<slb-vs-spu-drop-misc>
  slb-vs-spu-drop-misc
</slb-vs-spu-drop-misc>
<slb-spu-slot>
  slb-spu-slot
</slb-spu-slot>
<slb-spu-pic>
  slb-spu-pic
</slb-spu-pic>
</slb-vs-statistics>
</virtual-server-statistics-information>
```

Description**<sticky-table-information>****Usage**

```
<sticky-table-information>
  <slb-sticky-information>....</slb-sticky-information>
</sticky-table-information>
```

Description Information of sticky table for one or more virtual servers

<virtual-server-information>**Usage**

```
<virtual-server-information>
  <slb-vs-information>....</slb-vs-information>
</virtual-server-information>
```

Description Information about one or more virtual servers

<virtual-server-statistics-information>**Usage**

```
<virtual-server-statistics-information>
  <slb-vs-statistics>....</slb-vs-statistics>
</virtual-server-statistics-information>
```

Description Statistics of one or more virtual servers

Summary of SMPL Response Tags

<smpl-next-hop-group>

Usage

```
<smpl-next-hop-group>
  <smpl-nhgroup>....</smpl-nhgroup>
</smpl-next-hop-group>
```

Description Information about next-hop-groups

<smpl-nhgroup>

Usage

```
<smpl-nhgroup>
  <smpl-nhgroup-member-list>....</smpl-nhgroup-member-list>
  <smpl-nhgroup-subgroup>....</smpl-nhgroup-subgroup>
  <smpl-nhgroup-name>
    smpl-nhgroup-name
  </smpl-nhgroup-name>
  <smpl-nhgroup-type>
    smpl-nhgroup-type
  </smpl-nhgroup-type>
  <smpl-nhgroup-state>
    smpl-nhgroup-state
  </smpl-nhgroup-state>
  <smpl-nhgroup-nhid-header>
    smpl-nhgroup-nhid-header
  </smpl-nhgroup-nhid-header>
  <smpl-nhgroup-num-members-configured>
    smpl-nhgroup-num-members-configured
  </smpl-nhgroup-num-members-configured>
  <smpl-nhgroup-num-members-up>
    smpl-nhgroup-num-members-up
  </smpl-nhgroup-num-members-up>
  <smpl-nhgroup-subgroups-configured>
    smpl-nhgroup-subgroups-configured
  </smpl-nhgroup-subgroups-configured>
  <smpl-nhgroup-subgroups-up>
    smpl-nhgroup-subgroups-up
  </smpl-nhgroup-subgroups-up>
</smpl-nhgroup>
```

Description

<smpl-nhgroup>

Usage

```
<smpl-next-hop-group>
  <smpl-nhgroup>
    <smpl-nhgroup-member-list>....</smpl-nhgroup-member-list>
    <smpl-nhgroup-subgroup>....</smpl-nhgroup-subgroup>
```

```
<smpl-nhgroup-name>
  smpl-nhgroup-name
</smpl-nhgroup-name>
<smpl-nhgroup-type>
  smpl-nhgroup-type
</smpl-nhgroup-type>
<smpl-nhgroup-state>
  smpl-nhgroup-state
</smpl-nhgroup-state>
<smpl-nhgroup-nhid-header>
  smpl-nhgroup-nhid-header
</smpl-nhgroup-nhid-header>
<smpl-nhgroup-num-members-configured>
  smpl-nhgroup-num-members-configured
</smpl-nhgroup-num-members-configured>
<smpl-nhgroup-num-members-up>
  smpl-nhgroup-num-members-up
</smpl-nhgroup-num-members-up>
<smpl-nhgroup-subgroups-configured>
  smpl-nhgroup-subgroups-configured
</smpl-nhgroup-subgroups-configured>
<smpl-nhgroup-subgroups-up>
  smpl-nhgroup-subgroups-up
</smpl-nhgroup-subgroups-up>
</smpl-nhgroup>
</smpl-next-hop-group>
```

Description

<smpl-nhgroup-member-list>

Usage

```
<smpl-nhgroup-member-list>
  <smpl-nhgroup-member-interface>
    smpl-nhgroup-member-interface
  </smpl-nhgroup-member-interface>
  <smpl-nhgroup-nexthop-address>
    smpl-nhgroup-nexthop-address
  </smpl-nhgroup-nexthop-address>
  <smpl-nhgroup-nexthop-state>
    smpl-nhgroup-nexthop-state
  </smpl-nhgroup-nexthop-state>
  <smpl-nexthop-index>
    smpl-nexthop-index
  </smpl-nexthop-index>
</smpl-nhgroup-member-list>
```

Description

<smpl-nhgroup-member-list>

Usage

```
<smpl-nhgroup>
  <smpl-nhgroup-member-list>
```

```

<smpl-nhgroup-member-interface>
  smpl-nhgroup-member-interface
</smpl-nhgroup-member-interface>
<smpl-nhgroup-nexthop-address>
  smpl-nhgroup-nexthop-address
</smpl-nhgroup-nexthop-address>
<smpl-nhgroup-nexthop-state>
  smpl-nhgroup-nexthop-state
</smpl-nhgroup-nexthop-state>
<smpl-nexthop-index>
  smpl-nexthop-index
</smpl-nexthop-index>
</smpl-nhgroup-member-list>
</smpl-nhgroup>

```

Description

<smpl-nhgroup-member-list>

Usage

```

<smpl-next-hop-group>
  <smpl-nhgroup>
    <smpl-nhgroup-member-list>
      <smpl-nhgroup-member-interface>
        smpl-nhgroup-member-interface
      </smpl-nhgroup-member-interface>
      <smpl-nhgroup-nexthop-address>
        smpl-nhgroup-nexthop-address
      </smpl-nhgroup-nexthop-address>
      <smpl-nhgroup-nexthop-state>
        smpl-nhgroup-nexthop-state
      </smpl-nhgroup-nexthop-state>
      <smpl-nexthop-index>
        smpl-nexthop-index
      </smpl-nexthop-index>
    </smpl-nhgroup-member-list>
  </smpl-nhgroup>
</smpl-next-hop-group>

```

Description

<smpl-nhgroup-member-list>

Usage

```

<smpl-port-mirror-output-family-list>
  <smpl-nhgroup-member-list>
    <smpl-nhgroup-member-interface>
      smpl-nhgroup-member-interface
    </smpl-nhgroup-member-interface>
    <smpl-nhgroup-nexthop-address>
      smpl-nhgroup-nexthop-address
    </smpl-nhgroup-nexthop-address>
    <smpl-nhgroup-nexthop-state>
      smpl-nhgroup-nexthop-state

```

```
</smpl-nhgroup-nexthop-state>
<smpl-nexthop-index>
  smpl-nexthop-index
</smpl-nexthop-index>
</smpl-nhgroup-member-list>
</smpl-port-mirror-output-family-list>
```

Description

<smpl-nhgroup-member-list>

Usage

```
<smpl-port-mirroring-instance>
<smpl-port-mirror-output-family-list>
  <smpl-nhgroup-member-list>
    <smpl-nhgroup-member-interface>
      smpl-nhgroup-member-interface
    </smpl-nhgroup-member-interface>
    <smpl-nhgroup-nexthop-address>
      smpl-nhgroup-nexthop-address
    </smpl-nhgroup-nexthop-address>
    <smpl-nhgroup-nexthop-state>
      smpl-nhgroup-nexthop-state
    </smpl-nhgroup-nexthop-state>
    <smpl-nexthop-index>
      smpl-nexthop-index
    </smpl-nexthop-index>
  </smpl-nhgroup-member-list>
</smpl-port-mirror-output-family-list>
</smpl-port-mirroring-instance>
```

Description

<smpl-nhgroup-member-list>

Usage

```
<smpl-port-mirroring>
<smpl-port-mirroring-instance>
  <smpl-port-mirror-output-family-list>
    <smpl-nhgroup-member-list>
      <smpl-nhgroup-member-interface>
        smpl-nhgroup-member-interface
      </smpl-nhgroup-member-interface>
      <smpl-nhgroup-nexthop-address>
        smpl-nhgroup-nexthop-address
      </smpl-nhgroup-nexthop-address>
      <smpl-nhgroup-nexthop-state>
        smpl-nhgroup-nexthop-state
      </smpl-nhgroup-nexthop-state>
      <smpl-nexthop-index>
        smpl-nexthop-index
      </smpl-nexthop-index>
    </smpl-nhgroup-member-list>
  </smpl-port-mirror-output-family-list>
```

```

    </smpl-port-mirroring-instance>
  </smpl-port-mirroring>

```

Description

<smpl-nhgroup-subgroup>

Usage

```

<smpl-nhgroup-subgroup>
  <smpl-nhgroup-name>
    smpl-nhgroup-name
  </smpl-nhgroup-name>
  <smpl-nhgroup-state>
    smpl-nhgroup-state
  </smpl-nhgroup-state>
  <smpl-nhgroup-nexthop-state>
    smpl-nhgroup-nexthop-state
  </smpl-nhgroup-nexthop-state>
  <smpl-nexthop-index>
    smpl-nexthop-index
  </smpl-nexthop-index>
  <smpl-nhgroup-nhid-header>
    smpl-nhgroup-nhid-header
  </smpl-nhgroup-nhid-header>
  <smpl-subgroup-num-members-configured>
    smpl-subgroup-num-members-configured
  </smpl-subgroup-num-members-configured>
  <smpl-subgroup-num-members-up>
    smpl-subgroup-num-members-up
  </smpl-subgroup-num-members-up>
  <smpl-subgroup-member-list>....</smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>

```

Description

<smpl-nhgroup-subgroup>

Usage

```

<smpl-nhgroup>
  <smpl-nhgroup-subgroup>
    <smpl-nhgroup-name>
      smpl-nhgroup-name
    </smpl-nhgroup-name>
    <smpl-nhgroup-state>
      smpl-nhgroup-state
    </smpl-nhgroup-state>
    <smpl-nhgroup-nexthop-state>
      smpl-nhgroup-nexthop-state
    </smpl-nhgroup-nexthop-state>
    <smpl-nexthop-index>
      smpl-nexthop-index
    </smpl-nexthop-index>
    <smpl-nhgroup-nhid-header>
      smpl-nhgroup-nhid-header
    </smpl-nhgroup-nhid-header>
  </smpl-nhgroup-subgroup>

```

```
</smpl-nhgroup-nhid-header>
<smpl-subgroup-num-members-configured>
  smpl-subgroup-num-members-configured
</smpl-subgroup-num-members-configured>
<smpl-subgroup-num-members-up>
  smpl-subgroup-num-members-up
</smpl-subgroup-num-members-up>
<smpl-subgroup-member-list>....</smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>
</smpl-nhgroup>
```

Description

<smpl-nhgroup-subgroup>

Usage

```
<smpl-next-hop-group>
<smpl-nhgroup>
  <smpl-nhgroup-subgroup>
    <smpl-nhgroup-name>
      smpl-nhgroup-name
    </smpl-nhgroup-name>
    <smpl-nhgroup-state>
      smpl-nhgroup-state
    </smpl-nhgroup-state>
    <smpl-nhgroup-nexthop-state>
      smpl-nhgroup-nexthop-state
    </smpl-nhgroup-nexthop-state>
    <smpl-nexthop-index>
      smpl-nexthop-index
    </smpl-nexthop-index>
    <smpl-nhgroup-nhid-header>
      smpl-nhgroup-nhid-header
    </smpl-nhgroup-nhid-header>
    <smpl-subgroup-num-members-configured>
      smpl-subgroup-num-members-configured
    </smpl-subgroup-num-members-configured>
    <smpl-subgroup-num-members-up>
      smpl-subgroup-num-members-up
    </smpl-subgroup-num-members-up>
    <smpl-subgroup-member-list>....</smpl-subgroup-member-list>
  </smpl-nhgroup-subgroup>
</smpl-nhgroup>
</smpl-next-hop-group>
```

Description

<smpl-port-mirror-output-family-list>

Usage

```
<smpl-port-mirror-output-family-list>
  <smpl-output-family-name>
    smpl-output-family-name
  </smpl-output-family-name>
```



```

<smpl-output-family-state>
  smpl-output-family-state
</smpl-output-family-state>
<smpl-output-family-destination>
  smpl-output-family-destination
</smpl-output-family-destination>
<smpl-nexthop-index>
  smpl-nexthop-index
</smpl-nexthop-index>
<smpl-nhgroup-member-list>....</smpl-nhgroup-member-list>
</smpl-port-mirror-output-family-list>

```

Description

<smpl-port-mirror-output-family-list>

Usage

```

<smpl-port-mirroring-instance>
  <smpl-port-mirror-output-family-list>
    <smpl-output-family-name>
      smpl-output-family-name
    </smpl-output-family-name>
    <smpl-output-family-state>
      smpl-output-family-state
    </smpl-output-family-state>
    <smpl-output-family-destination>
      smpl-output-family-destination
    </smpl-output-family-destination>
    <smpl-nexthop-index>
      smpl-nexthop-index
    </smpl-nexthop-index>
    <smpl-nhgroup-member-list>....</smpl-nhgroup-member-list>
  </smpl-port-mirror-output-family-list>
</smpl-port-mirroring-instance>

```

Description

<smpl-port-mirror-output-family-list>

Usage

```

<smpl-port-mirroring>
  <smpl-port-mirroring-instance>
    <smpl-port-mirror-output-family-list>
      <smpl-output-family-name>
        smpl-output-family-name
      </smpl-output-family-name>
      <smpl-output-family-state>
        smpl-output-family-state
      </smpl-output-family-state>
      <smpl-output-family-destination>
        smpl-output-family-destination
      </smpl-output-family-destination>
      <smpl-nexthop-index>
        smpl-nexthop-index

```

```
</smpl-nexthop-index>
<smpl-nhgroup-member-list>....</smpl-nhgroup-member-list>
</smpl-port-mirror-output-family-list>
</smpl-port-mirroring-instance>
</smpl-port-mirroring>
```

Description

<smpl-port-mirroring>

Usage

```
<smpl-port-mirroring>
<smpl-port-mirroring-instance>....</smpl-port-mirroring-instance>
</smpl-port-mirroring>
```

Description Information about port-mirroring instances

<smpl-port-mirroring-instance>

Usage

```
<smpl-port-mirroring-instance>
<smpl-port-mirror-output-family-list>....</smpl-port-mirror-output-family-list>
<smpl-instance-name>
  smpl-instance-name
</smpl-instance-name>
<smpl-instance-state>
  smpl-instance-state
</smpl-instance-state>
<smpl-instance-id>
  smpl-instance-id
</smpl-instance-id>
<smpl-instance-input-rate>
  smpl-instance-input-rate
</smpl-instance-input-rate>
<smpl-instance-input-run-length>
  smpl-instance-input-run-length
</smpl-instance-input-run-length>
<smpl-instance-input-maximum-packet-length>
  smpl-instance-input-maximum-packet-length
</smpl-instance-input-maximum-packet-length>
<smpl-instance-nhid-header>
  smpl-instance-nhid-header
</smpl-instance-nhid-header>
</smpl-port-mirroring-instance>
```

Description

<smpl-port-mirroring-instance>

Usage

```
<smpl-port-mirroring>
<smpl-port-mirroring-instance>
<smpl-port-mirror-output-family-list>....</smpl-port-mirror-output-family-list>
```

```

<smpl-instance-name>
  smpl-instance-name
</smpl-instance-name>
<smpl-instance-state>
  smpl-instance-state
</smpl-instance-state>
<smpl-instance-id>
  smpl-instance-id
</smpl-instance-id>
<smpl-instance-input-rate>
  smpl-instance-input-rate
</smpl-instance-input-rate>
<smpl-instance-input-run-length>
  smpl-instance-input-run-length
</smpl-instance-input-run-length>
<smpl-instance-input-maximum-packet-length>
  smpl-instance-input-maximum-packet-length
</smpl-instance-input-maximum-packet-length>
<smpl-instance-nhid-header>
  smpl-instance-nhid-header
</smpl-instance-nhid-header>
</smpl-port-mirroring-instance>
</smpl-port-mirroring>

```

Description

<smpl-subgroup-member-list>

Usage

```

<smpl-subgroup-member-list>
  <smpl-nhgroup-member-interface>
    smpl-nhgroup-member-interface
  </smpl-nhgroup-member-interface>
  <smpl-nhgroup-nexthop-address>
    smpl-nhgroup-nexthop-address
  </smpl-nhgroup-nexthop-address>
  <smpl-nhgroup-nexthop-state>
    smpl-nhgroup-nexthop-state
  </smpl-nhgroup-nexthop-state>
  <smpl-nexthop-index>
    smpl-nexthop-index
  </smpl-nexthop-index>
</smpl-subgroup-member-list>

```

Description

<smpl-subgroup-member-list>

Usage

```

<smpl-nhgroup-subgroup>
  <smpl-subgroup-member-list>
    <smpl-nhgroup-member-interface>
      smpl-nhgroup-member-interface
    </smpl-nhgroup-member-interface>
  </smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>

```

```
</smpl-nhgroup-member-interface>
<smpl-nhgroup-nexthop-address>
  smpl-nhgroup-nexthop-address
</smpl-nhgroup-nexthop-address>
<smpl-nhgroup-nexthop-state>
  smpl-nhgroup-nexthop-state
</smpl-nhgroup-nexthop-state>
<smpl-nexthop-index>
  smpl-nexthop-index
</smpl-nexthop-index>
</smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>
```

Description

<smpl-subgroup-member-list>

Usage

```
<smpl-nhgroup>
<smpl-nhgroup-subgroup>
  <smpl-subgroup-member-list>
    <smpl-nhgroup-member-interface>
      smpl-nhgroup-member-interface
    </smpl-nhgroup-member-interface>
    <smpl-nhgroup-nexthop-address>
      smpl-nhgroup-nexthop-address
    </smpl-nhgroup-nexthop-address>
    <smpl-nhgroup-nexthop-state>
      smpl-nhgroup-nexthop-state
    </smpl-nhgroup-nexthop-state>
    <smpl-nexthop-index>
      smpl-nexthop-index
    </smpl-nexthop-index>
  </smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>
</smpl-nhgroup>
```

Description

<smpl-subgroup-member-list>

Usage

```
<smpl-next-hop-group>
<smpl-nhgroup>
  <smpl-nhgroup-subgroup>
    <smpl-subgroup-member-list>
      <smpl-nhgroup-member-interface>
        smpl-nhgroup-member-interface
      </smpl-nhgroup-member-interface>
      <smpl-nhgroup-nexthop-address>
        smpl-nhgroup-nexthop-address
      </smpl-nhgroup-nexthop-address>
      <smpl-nhgroup-nexthop-state>
        smpl-nhgroup-nexthop-state
```

```

        </smpl-nhgroup-nexthop-state>
        <smpl-nexthop-index>
            smpl-nexthop-index
        </smpl-nexthop-index>
    </smpl-subgroup-member-list>
</smpl-nhgroup-subgroup>
</smpl-nhgroup>
</smpl-next-hop-group>

```

Description

Summary of SNMP Response Tags

<health-monitor-information>

Usage

```

<health-monitor-information>
  <rmon-alarm-information>....</rmon-alarm-information>
  <rmon-log-information>....</rmon-log-information>
  <rmon-history-information>....</rmon-history-information>
</health-monitor-information>

```

Description

<history-sample>

Usage

```

<rmon-history-information>
  <history-sample>
    <history-sample-index>
        history-sample-index
    </history-sample-index>
    <history-sample-start-time>
        history-sample-start-time
    </history-sample-start-time>
    <history-sample-drop-events>
        history-sample-drop-events
    </history-sample-drop-events>
    <history-sample-octect>
        history-sample-octect
    </history-sample-octect>
    <history-sample-packets>
        history-sample-packets
    </history-sample-packets>
    <history-sample-broadcast-packets>
        history-sample-broadcast-packets
    </history-sample-broadcast-packets>
    <history-sample-multicast-packets>
        history-sample-multicast-packets
    </history-sample-multicast-packets>
    <history-sample-crc-errors>
        history-sample-crc-errors
    </history-sample-crc-errors>
    <history-sample-undersize-packets>

```

```
    history-sample-undersize-packets
  </history-sample-undersize-packets>
  <history-sample-oversize-packets>
    history-sample-oversize-packets
  </history-sample-oversize-packets>
  <history-sample-fragments>
    history-sample-fragments
  </history-sample-fragments>
  <history-sample-jabbers>
    history-sample-jabbers
  </history-sample-jabbers>
  <history-sample-collisions>
    history-sample-collisions
  </history-sample-collisions>
  <history-sample-utilization>
    history-sample-utilization
  </history-sample-utilization>
</history-sample>
</rmon-history-information>
```

Description

<history-sample>

Usage

```
<rmon-information>
  <rmon-history-information>
    <history-sample>
      <history-sample-index>
        history-sample-index
      </history-sample-index>
      <history-sample-start-time>
        history-sample-start-time
      </history-sample-start-time>
      <history-sample-drop-events>
        history-sample-drop-events
      </history-sample-drop-events>
      <history-sample-octect>
        history-sample-octect
      </history-sample-octect>
      <history-sample-packets>
        history-sample-packets
      </history-sample-packets>
      <history-sample-broadcast-packets>
        history-sample-broadcast-packets
      </history-sample-broadcast-packets>
      <history-sample-multicast-packets>
        history-sample-multicast-packets
      </history-sample-multicast-packets>
      <history-sample-crc-errors>
        history-sample-crc-errors
      </history-sample-crc-errors>
      <history-sample-undersize-packets>
        history-sample-undersize-packets
      </history-sample-undersize-packets>
```

```

<history-sample-oversize-packets>
  history-sample-oversize-packets
</history-sample-oversize-packets>
<history-sample-fragments>
  history-sample-fragments
</history-sample-fragments>
<history-sample-jabbers>
  history-sample-jabbers
</history-sample-jabbers>
<history-sample-collisions>
  history-sample-collisions
</history-sample-collisions>
<history-sample-utilization>
  history-sample-utilization
</history-sample-utilization>
</history-sample>
</rmon-history-information>
</rmon-information>

```

Description

<history-sample>

Usage

```

<health-monitor-information>
<rmon-history-information>
  <history-sample>
    <history-sample-index>
      history-sample-index
    </history-sample-index>
    <history-sample-start-time>
      history-sample-start-time
    </history-sample-start-time>
    <history-sample-drop-events>
      history-sample-drop-events
    </history-sample-drop-events>
    <history-sample-octect>
      history-sample-octect
    </history-sample-octect>
    <history-sample-packets>
      history-sample-packets
    </history-sample-packets>
    <history-sample-broadcast-packets>
      history-sample-broadcast-packets
    </history-sample-broadcast-packets>
    <history-sample-multicast-packets>
      history-sample-multicast-packets
    </history-sample-multicast-packets>
    <history-sample-crc-errors>
      history-sample-crc-errors
    </history-sample-crc-errors>
    <history-sample-undersize-packets>
      history-sample-undersize-packets
    </history-sample-undersize-packets>
    <history-sample-oversize-packets>

```

```
    history-sample-oversize-packets
  </history-sample-oversize-packets>
  <history-sample-fragments>
    history-sample-fragments
  </history-sample-fragments>
  <history-sample-jabbers>
    history-sample-jabbers
  </history-sample-jabbers>
  <history-sample-collisions>
    history-sample-collisions
  </history-sample-collisions>
  <history-sample-utilization>
    history-sample-utilization
  </history-sample-utilization>
</history-sample>
</rmon-history-information>
</health-monitor-information>
```

Description

<index>

Usage

```
<snmp-object-information>
  <snmp-object>
    <index>
      <index-name>
        index-name
      </index-name>
      <index-value>
        index-value
      </index-value>
    </index>
  </snmp-object>
</snmp-object-information>
```

Description

<rmon-alarm>

Usage

```
<rmon-alarm-information>
  <rmon-alarm>
    <alarm-index>
      alarm-index
    </alarm-index>
    <var-name>
      var-name
    </var-name>
    <var-oid>
      var-oid
    </var-oid>
    <sample-type>
      sample-type
```



```

</sample-type>
<alarm-value>
  alarm-value
</alarm-value>
<startup>
  startup
</startup>
<alarm-interval>
  alarm-interval
</alarm-interval>
<rising-threshold>
  rising-threshold
</rising-threshold>
<falling-threshold>
  falling-threshold
</falling-threshold>
<rising-event-index>
  rising-event-index
</rising-event-index>
<falling-event-index>
  falling-event-index
</falling-event-index>
<alarm-owner>
  alarm-owner
</alarm-owner>
<alarm-subtag>
  alarm-subtag
</alarm-subtag>
<alarm-creator>
  alarm-creator
</alarm-creator>
<alarm-state>
  alarm-state
</alarm-state>
<rmon-alarm-instance-information>....</rmon-alarm-instance-information>
</rmon-alarm>
</rmon-alarm-information>

```

Description

<rmon-alarm>

Usage

```

<rmon-information>
<rmon-alarm-information>
  <rmon-alarm>
    <alarm-index>
      alarm-index
    </alarm-index>
    <var-name>
      var-name
    </var-name>
    <var-oid>
      var-oid
    </var-oid>
  </rmon-alarm>
</rmon-alarm-information>

```

```
<sample-type>
  sample-type
</sample-type>
<alarm-value>
  alarm-value
</alarm-value>
<startup>
  startup
</startup>
<alarm-interval>
  alarm-interval
</alarm-interval>
<rising-threshold>
  rising-threshold
</rising-threshold>
<falling-threshold>
  falling-threshold
</falling-threshold>
<rising-event-index>
  rising-event-index
</rising-event-index>
<falling-event-index>
  falling-event-index
</falling-event-index>
<alarm-owner>
  alarm-owner
</alarm-owner>
<alarm-subtag>
  alarm-subtag
</alarm-subtag>
<alarm-creator>
  alarm-creator
</alarm-creator>
<alarm-state>
  alarm-state
</alarm-state>
  <rmon-alarm-instance-information>....</rmon-alarm-instance-information>
</rmon-alarm>
</rmon-alarm-information>
</rmon-information>
```

Description

<rmon-alarm>

Usage

```
<health-monitor-information>
  <rmon-alarm-information>
    <rmon-alarm>
      <alarm-index>
        alarm-index
      </alarm-index>
      <var-name>
        var-name
      </var-name>
```

```

<var-oid>
  var-oid
</var-oid>
<sample-type>
  sample-type
</sample-type>
<alarm-value>
  alarm-value
</alarm-value>
<startup>
  startup
</startup>
<alarm-interval>
  alarm-interval
</alarm-interval>
<rising-threshold>
  rising-threshold
</rising-threshold>
<falling-threshold>
  falling-threshold
</falling-threshold>
<rising-event-index>
  rising-event-index
</rising-event-index>
<falling-event-index>
  falling-event-index
</falling-event-index>
<alarm-owner>
  alarm-owner
</alarm-owner>
<alarm-subtag>
  alarm-subtag
</alarm-subtag>
<alarm-creator>
  alarm-creator
</alarm-creator>
<alarm-state>
  alarm-state
</alarm-state>
  <rmon-alarm-instance-information>....</rmon-alarm-instance-information>
</rmon-alarm>
</rmon-alarm-information>
</health-monitor-information>

```

Description

<rmon-alarm-information>

Usage

```

<rmon-alarm-information>
  <rmon-alarm>....</rmon-alarm>
</rmon-alarm-information>

```

Description

<rmon-alarm-information>**Usage**

```
<rmon-information>
  <rmon-alarm-information>
    <rmon-alarm>....</rmon-alarm>
  </rmon-alarm-information>
</rmon-information>
```

Description**<rmon-alarm-information>****Usage**

```
<health-monitor-information>
  <rmon-alarm-information>
    <rmon-alarm>....</rmon-alarm>
  </rmon-alarm-information>
</health-monitor-information>
```

Description**<rmon-alarm-instance>****Usage**

```
<rmon-alarm-information>
  <rmon-alarm>
    <rmon-alarm-instance-information>
      <rmon-alarm-instance>
        <inst-var-name>
          inst-var-name
        </inst-var-name>
        <inst-description>
          inst-description
        </inst-description>
        <inst-value>
          inst-value
        </inst-value>
        <inst-state>
          inst-state
        </inst-state>
      </rmon-alarm-instance>
    </rmon-alarm-instance-information>
  </rmon-alarm>
</rmon-alarm-information>
```

Description Information about an alarm instance

<rmon-alarm-instance>**Usage**

```
<rmon-information>
```

```
<rmon-alarm-information>
  <rmon-alarm>
    <rmon-alarm-instance-information>
      <rmon-alarm-instance>
        <inst-var-name>
          inst-var-name
        </inst-var-name>
        <inst-description>
          inst-description
        </inst-description>
        <inst-value>
          inst-value
        </inst-value>
        <inst-state>
          inst-state
        </inst-state>
      </rmon-alarm-instance>
    </rmon-alarm-instance-information>
  </rmon-alarm>
</rmon-alarm-information>
</rmon-information>
```

Description Information about an alarm instance

<rmon-alarm-instance>

Usage

```
<health-monitor-information>
  <rmon-alarm-information>
    <rmon-alarm>
      <rmon-alarm-instance-information>
        <rmon-alarm-instance>
          <inst-var-name>
            inst-var-name
          </inst-var-name>
          <inst-description>
            inst-description
          </inst-description>
          <inst-value>
            inst-value
          </inst-value>
          <inst-state>
            inst-state
          </inst-state>
        </rmon-alarm-instance>
      </rmon-alarm-instance-information>
    </rmon-alarm>
  </rmon-alarm-information>
</health-monitor-information>
```

Description Information about an alarm instance

<rmon-alarm-instance-information>

Usage

```
<rmon-alarm-information>
  <rmon-alarm>
    <rmon-alarm-instance-information>
      <rmon-alarm-instance>....</rmon-alarm-instance>
    </rmon-alarm-instance-information>
  </rmon-alarm>
</rmon-alarm-information>
```

Description Information about one or more alarm instances

<rmon-alarm-instance-information>

Usage

```
<rmon-information>
  <rmon-alarm-instance-information>
    <rmon-alarm>
      <rmon-alarm-instance-information>
        <rmon-alarm-instance>....</rmon-alarm-instance>
      </rmon-alarm-instance-information>
    </rmon-alarm>
  </rmon-alarm-instance-information>
</rmon-information>
```

Description Information about one or more alarm instances

<rmon-alarm-instance-information>

Usage

```
<health-monitor-information>
  <rmon-alarm-instance-information>
    <rmon-alarm>
      <rmon-alarm-instance-information>
        <rmon-alarm-instance>....</rmon-alarm-instance>
      </rmon-alarm-instance-information>
    </rmon-alarm>
  </rmon-alarm-instance-information>
</health-monitor-information>
```

Description Information about one or more alarm instances

<rmon-event>

Usage

```
<rmon-event-information>
  <rmon-event>
    <event-index>
      event-index
    </event-index>
```

```

<event-descr>
  event-descr
</event-descr>
<event-type>
  event-type
</event-type>
<community>
  community
</community>
<last-time-sent>
  last-time-sent
</last-time-sent>
<event-owner>
  event-owner
</event-owner>
<event-creator>
  event-creator
</event-creator>
<event-state>
  event-state
</event-state>
</rmon-event>
</rmon-event-information>

```

Description

<rmon-event>

Usage

```

<rmon-information>
  <rmon-event-information>
    <rmon-event>
      <event-index>
        event-index
      </event-index>
      <event-descr>
        event-descr
      </event-descr>
      <event-type>
        event-type
      </event-type>
      <community>
        community
      </community>
      <last-time-sent>
        last-time-sent
      </last-time-sent>
      <event-owner>
        event-owner
      </event-owner>
      <event-creator>
        event-creator
      </event-creator>
      <event-state>
        event-state
    </rmon-event>
  </rmon-event-information>
</rmon-information>

```

```
</event-state>
</rmon-event>
</rmon-event-information>
</rmon-information>
```

Description

<rmon-event-information>

Usage

```
<rmon-event-information>
  <rmon-event>.....</rmon-event>
</rmon-event-information>
```

Description

<rmon-event-information>

Usage

```
<rmon-information>
  <rmon-event-information>
    <rmon-event>.....</rmon-event>
  </rmon-event-information>
</rmon-information>
```

Description

<rmon-history>

Usage

```
<rmon-history-information>
  <rmon-history>
    <history-index>
      history-index
    </history-index>
    <history-interface>
      history-interface
    </history-interface>
    <history-requested-buckets>
      history-requested-buckets
    </history-requested-buckets>
    <history-interval>
      history-interval
    </history-interval>
    <history-owner>
      history-owner
    </history-owner>
    <history-status>
      history-status
    </history-status>
  </rmon-history>
</rmon-history-information>
```


Description**<rmon-history>****Usage**

```
<rmon-information>
  <rmon-history-information>
    <rmon-history>
      <history-index>
        history-index
      </history-index>
      <history-interface>
        history-interface
      </history-interface>
      <history-requested-buckets>
        history-requested-buckets
      </history-requested-buckets>
      <history-interval>
        history-interval
      </history-interval>
      <history-owner>
        history-owner
      </history-owner>
      <history-status>
        history-status
      </history-status>
    </rmon-history>
  </rmon-history-information>
</rmon-information>
```

Description**<rmon-history>****Usage**

```
<health-monitor-information>
  <rmon-history-information>
    <rmon-history>
      <history-index>
        history-index
      </history-index>
      <history-interface>
        history-interface
      </history-interface>
      <history-requested-buckets>
        history-requested-buckets
      </history-requested-buckets>
      <history-interval>
        history-interval
      </history-interval>
      <history-owner>
        history-owner
      </history-owner>
      <history-status>
        history-status
      </history-status>
    </rmon-history>
  </rmon-history-information>
</health-monitor-information>
```

```
</history-status>
</rmon-history>
</rmon-history-information>
</health-monitor-information>
```

Description

<rmon-history-information>

Usage

```
<rmon-history-information>
  <rmon-history>....</rmon-history>
  <history-sample>....</history-sample>
</rmon-history-information>
```

Description

<rmon-history-information>

Usage

```
<rmon-information>
  <rmon-history-information>
    <rmon-history>....</rmon-history>
    <history-sample>....</history-sample>
  </rmon-history-information>
</rmon-information>
```

Description

<rmon-history-information>

Usage

```
<health-monitor-information>
  <rmon-history-information>
    <rmon-history>....</rmon-history>
    <history-sample>....</history-sample>
  </rmon-history-information>
</health-monitor-information>
```

Description

<rmon-information>

Usage

```
<rmon-information>
  <rmon-alarm-information>....</rmon-alarm-information>
  <rmon-event-information>....</rmon-event-information>
  <rmon-history-information>....</rmon-history-information>
</rmon-information>
```

Description

<rmon-log>**Usage**

```

<rmon-log-information>
  <rmon-log>
    <rmon-log-event-index>
      rmon-log-event-index
    </rmon-log-event-index>
    <rmon-log-index>
      rmon-log-index
    </rmon-log-index>
    <rmon-log-descr>
      rmon-log-descr
    </rmon-log-descr>
    <rmon-log-time>
      rmon-log-time
    </rmon-log-time>
  </rmon-log>
</rmon-log-information>

```

Description**<rmon-log>****Usage**

```

<health-monitor-information>
  <rmon-log-information>
    <rmon-log>
      <rmon-log-event-index>
        rmon-log-event-index
      </rmon-log-event-index>
      <rmon-log-index>
        rmon-log-index
      </rmon-log-index>
      <rmon-log-descr>
        rmon-log-descr
      </rmon-log-descr>
      <rmon-log-time>
        rmon-log-time
      </rmon-log-time>
    </rmon-log>
  </rmon-log-information>
</health-monitor-information>

```

Description**<rmon-log-information>****Usage**

```

<rmon-log-information>
  <rmon-log>....</rmon-log>
</rmon-log-information>

```

Description**<rmon-log-information>****Usage**

```
<health-monitor-information>
  <rmon-log-information>
    <rmon-log>....</rmon-log>
  </rmon-log-information>
</health-monitor-information>
```

Description**<snmp-generate-trap-results>****Usage**

```
<snmp-generate-trap-results>
  <snmp-generate-trap-result>
    snmp-generate-trap-result
  </snmp-generate-trap-result>
</snmp-generate-trap-results>
```

Description**<snmp-input-statistics>****Usage**

```
<snmp-statistics>
  <snmp-input-statistics>
    <packets>
      packets
    </packets>
    <bad-versions>
      bad-versions
    </bad-versions>
    <bad-community-names>
      bad-community-names
    </bad-community-names>
    <bad-community-uses>
      bad-community-uses
    </bad-community-uses>
    <asn-parse-errors>
      asn-parse-errors
    </asn-parse-errors>
    <too-bigs>
      too-bigs
    </too-bigs>
    <no-such-names>
      no-such-names
    </no-such-names>
    <bad-values>
      bad-values
    </bad-values>
    <read-onlys>
      read-onlys
```

```

</read-onlys>
<general-errors>
  general-errors
</general-errors>
<total-request-varbinds>
  total-request-varbinds
</total-request-varbinds>
<total-set-varbinds>
  total-set-varbinds
</total-set-varbinds>
<get-requests>
  get-requests
</get-requests>
<get-nexts>
  get-nexts
</get-nexts>
<set-requests>
  set-requests
</set-requests>
<get-responses>
  get-responses
</get-responses>
<traps>
  traps
</traps>
<silent-drops>
  silent-drops
</silent-drops>
<proxy-drops>
  proxy-drops
</proxy-drops>
<throttle-drops>
  throttle-drops
</throttle-drops>
<commit-pending-drops>
  commit-pending-drops
</commit-pending-drops>
<duplicate-request-drops>
  duplicate-request-drops
</duplicate-request-drops>
</snmp-input-statistics>
</snmp-statistics>

```

Description

<snmp-object>

Usage

```

<snmp-object-information>
  <snmp-object>
    <name>
      name
    </name>
    <index>....</index>
    <oid>

```

```
    oid
  </oid>
  <object-value>
    object-value
  </object-value>
  <object-value-type>
    object-value-type
  </object-value-type>
  <error>
    error
  </error>
</snmp-object>
</snmp-object-information>
```

Description

<snmp-object-information>

Usage

```
<snmp-object-information>
  <snmp-object>....</snmp-object>
  <snmp-request-error>....</snmp-request-error>
</snmp-object-information>
```

Description

<snmp-output-statistics>

Usage

```
<snmp-statistics>
  <snmp-output-statistics>
    <packets>
      packets
    </packets>
    <too-bigs>
      too-bigs
    </too-bigs>
    <no-such-names>
      no-such-names
    </no-such-names>
    <bad-values>
      bad-values
    </bad-values>
    <general-errors>
      general-errors
    </general-errors>
    <get-requests>
      get-requests
    </get-requests>
    <get-nxts>
      get-nxts
    </get-nxts>
    <set-requests>
      set-requests
```

```

</set-requests>
<get-responses>
  get-responses
</get-responses>
<traps>
  traps
</traps>
</snmp-output-statistics>
</snmp-statistics>

```

Description

<snmp-request-error>

Usage

```

<snmp-object-information>
  <snmp-request-error>
    <snmp-req-error-value>
      snmp-req-error-value
    </snmp-req-error-value>
  </snmp-request-error>
</snmp-object-information>

```

Description

<snmp-set-stats>

Usage

```

<snmp-statistics>
  <snmp-set-stats>
    <nvs-commit-pending>
      nvs-commit-pending
    </nvs-commit-pending>
    <nvs-conflock-failures>
      nvs-conflock-failures
    </nvs-conflock-failures>
    <nvs-rpc-mgd-failures>
      nvs-rpc-mgd-failures
    </nvs-rpc-mgd-failures>
    <nvs-journal-write-failures>
      nvs-journal-write-failures
    </nvs-journal-write-failures>
    <nvs-mgd-connect-failures>
      nvs-mgd-connect-failures
    </nvs-mgd-connect-failures>
    <nvs-commit-failures>
      nvs-commit-failures
    </nvs-commit-failures>
  </snmp-set-stats>
</snmp-statistics>

```

Description

<snmp-spoof-trap-results>

Usage

```
<snmp-spoof-trap-results>
  <snmp-spoof-trap-result>
    snmp-spoof-trap-result
  </snmp-spoof-trap-result>
  <snmp-spoofable-traps>
    snmp-spoofable-traps
  </snmp-spoofable-traps>
</snmp-spoof-trap-results>
```

Description

<snmp-statistics>

Usage

```
<snmp-statistics>
  <snmp-input-statistics>....</snmp-input-statistics>
  <snmp-v3-input-statistics>....</snmp-v3-input-statistics>
  <snmp-output-statistics>....</snmp-output-statistics>
  <sub-agent-control-blocks>....</sub-agent-control-blocks>
  <sub-agent-registration>....</sub-agent-registration>
  <trap-queue-stats>....</trap-queue-stats>
  <trap-throttle-stats>....</trap-throttle-stats>
  <snmp-set-stats>....</snmp-set-stats>
</snmp-statistics>
```

Description

<snmp-v3-access>

Usage

```
<snmp-v3-access-information>
  <snmp-v3-access>
    <group-name>
      group-name
    </group-name>
    <context-prefix>
      context-prefix
    </context-prefix>
    <security-model>
      security-model
    </security-model>
    <security-level>
      security-level
    </security-level>
    <context-match>
      context-match
    </context-match>
    <read-view>
      read-view
    </read-view>
    <write-view>
```



```

        write-view
      </write-view>
      <notify-view>
        notify-view
      </notify-view>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-access>
  </snmp-v3-access-information>

```

Description

<snmp-v3-access>

Usage

```

<snmp-v3-information>
  <snmp-v3-access-information>
    <snmp-v3-access>
      <group-name>
        group-name
      </group-name>
      <context-prefix>
        context-prefix
      </context-prefix>
      <security-model>
        security-model
      </security-model>
      <security-level>
        security-level
      </security-level>
      <context-match>
        context-match
      </context-match>
      <read-view>
        read-view
      </read-view>
      <write-view>
        write-view
      </write-view>
      <notify-view>
        notify-view
      </notify-view>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-access>
  </snmp-v3-access-information>

```

```
</snmp-v3-information>
```

Description

<snmp-v3-access-information>

Usage

```
<snmp-v3-access-information>  
  <snmp-v3-access>....</snmp-v3-access>  
</snmp-v3-access-information>
```

Description

<snmp-v3-access-information>

Usage

```
<snmp-v3-information>  
  <snmp-v3-access-information>  
    <snmp-v3-access>....</snmp-v3-access>  
  </snmp-v3-access-information>  
</snmp-v3-information>
```

Description

<snmp-v3-community>

Usage

```
<snmp-v3-community-information>  
  <snmp-v3-community>  
    <community-index>  
      community-index  
    </community-index>  
    <security-name>  
      security-name  
    </security-name>  
    <context-name>  
      context-name  
    </context-name>  
    <transport-tag>  
      transport-tag  
    </transport-tag>  
    <storage-type>  
      storage-type  
    </storage-type>  
    <row-status>  
      row-status  
    </row-status>  
  </snmp-v3-community>  
</snmp-v3-community-information>
```

Description SNMPv3 community

<snmp-v3-community>**Usage**

```

<snmp-v3-information>
  <snmp-v3-community-information>
    <snmp-v3-community>
      <community-index>
        community-index
      </community-index>
      <security-name>
        security-name
      </security-name>
      <context-name>
        context-name
      </context-name>
      <transport-tag>
        transport-tag
      </transport-tag>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-community>
  </snmp-v3-community-information>
</snmp-v3-information>

```

Description SNMPv3 community

<snmp-v3-community-information>**Usage**

```

<snmp-v3-community-information>
  <snmp-v3-community>....</snmp-v3-community>
</snmp-v3-community-information>

```

Description SNMPv3 community information

<snmp-v3-community-information>**Usage**

```

<snmp-v3-information>
  <snmp-v3-community-information>
    <snmp-v3-community>....</snmp-v3-community>
  </snmp-v3-community-information>
</snmp-v3-information>

```

Description SNMPv3 community information

<snmp-v3-engine-information>

Usage

```
<snmp-v3-general-information>
  <snmp-v3-engine-information>
    <engine-id>
      engine-id
    </engine-id>
    <engine-boots>
      engine-boots
    </engine-boots>
    <engine-time>
      engine-time
    </engine-time>
    <max-msg-size>
      max-msg-size
    </max-msg-size>
  </snmp-v3-engine-information>
</snmp-v3-general-information>
```

Description

<snmp-v3-engine-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-general-information>
    <snmp-v3-engine-information>
      <engine-id>
        engine-id
      </engine-id>
      <engine-boots>
        engine-boots
      </engine-boots>
      <engine-time>
        engine-time
      </engine-time>
      <max-msg-size>
        max-msg-size
      </max-msg-size>
    </snmp-v3-engine-information>
  </snmp-v3-general-information>
</snmp-v3-information>
```

Description

<snmp-v3-general-information>

Usage

```
<snmp-v3-general-information>
  <snmp-v3-engine-information>....</snmp-v3-engine-information>
</snmp-v3-general-information>
```

Description**<snmp-v3-general-information>****Usage**

```
<snmp-v3-information>
  <snmp-v3-general-information>
    <snmp-v3-engine-information>....</snmp-v3-engine-information>
  </snmp-v3-general-information>
</snmp-v3-information>
```

Description**<snmp-v3-group>****Usage**

```
<snmp-v3-group-information>
  <snmp-v3-group>
    <group-name>
      group-name
    </group-name>
    <security-model>
      security-model
    </security-model>
    <security-name>
      security-name
    </security-name>
    <storage-type>
      storage-type
    </storage-type>
    <row-status>
      row-status
    </row-status>
  </snmp-v3-group>
</snmp-v3-group-information>
```

Description**<snmp-v3-group>****Usage**

```
<snmp-v3-information>
  <snmp-v3-group-information>
    <snmp-v3-group>
      <group-name>
        group-name
      </group-name>
      <security-model>
        security-model
      </security-model>
      <security-name>
        security-name
      </security-name>
      <storage-type>
        storage-type
      </storage-type>
    </snmp-v3-group>
  </snmp-v3-group-information>
```

```
</storage-type>
<row-status>
  row-status
</row-status>
</snmp-v3-group>
</snmp-v3-group-information>
</snmp-v3-information>
```

Description

<snmp-v3-group-information>

Usage

```
<snmp-v3-group-information>
  <snmp-v3-group>....</snmp-v3-group>
</snmp-v3-group-information>
```

Description

<snmp-v3-group-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-group-information>
    <snmp-v3-group>....</snmp-v3-group>
  </snmp-v3-group-information>
</snmp-v3-information>
```

Description

<snmp-v3-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-general-information>....</snmp-v3-general-information>
  <snmp-v3-usm-user-information>....</snmp-v3-usm-user-information>
  <snmp-v3-group-information>....</snmp-v3-group-information>
  <snmp-v3-access-information>....</snmp-v3-access-information>
  <snmp-v3-target-information>....</snmp-v3-target-information>
  <snmp-v3-notify-information>....</snmp-v3-notify-information>
  <snmp-v3-notify-filter-information>....</snmp-v3-notify-filter-information>
  <snmp-v3-community-information>....</snmp-v3-community-information>
</snmp-v3-information>
```

Description

<snmp-v3-input-statistics>

Usage

```
<snmp-statistics>
  <snmp-v3-input-statistics>
    <unknown-secmodels>
      unknown-secmodels
```

```

</unknown-secmodels>
<invalid-msgs>
  invalid-msgs
</invalid-msgs>
<unknown-pduhandlers>
  unknown-pduhandlers
</unknown-pduhandlers>
<unavail-contexts>
  unavail-contexts
</unavail-contexts>
<unknown-contexts>
  unknown-contexts
</unknown-contexts>
<unsupported-secllevels>
  unsupported-secllevels
</unsupported-secllevels>
<not-in-timewindows>
  not-in-timewindows
</not-in-timewindows>
<unknown-usernames>
  unknown-usernames
</unknown-usernames>
<unknown-eids>
  unknown-eids
</unknown-eids>
<wrong-digests>
  wrong-digests
</wrong-digests>
<decrypt-errors>
  decrypt-errors
</decrypt-errors>
</snmp-v3-input-statistics>
</snmp-statistics>

```

Description

<snmp-v3-notify>

Usage

```

<snmp-v3-notify-information>
  <snmp-v3-notify>
    <notify-name>
      notify-name
    </notify-name>
    <notify-tag>
      notify-tag
    </notify-tag>
    <notify-type>
      notify-type
    </notify-type>
    <storage-type>
      storage-type
    </storage-type>
    <row-status>
      row-status

```

```
</row-status>
</snmp-v3-notify>
</snmp-v3-notify-information>
```

Description SNMPv3 notify

<snmp-v3-notify>

Usage

```
<snmp-v3-information>
  <snmp-v3-notify-information>
    <snmp-v3-notify>
      <notify-name>
        notify-name
      </notify-name>
      <notify-tag>
        notify-tag
      </notify-tag>
      <notify-type>
        notify-type
      </notify-type>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-notify>
  </snmp-v3-notify-information>
</snmp-v3-information>
```

Description SNMPv3 notify

<snmp-v3-notify-filter>

Usage

```
<snmp-v3-notify-filter-information>
  <snmp-v3-notify-filter>
    <filter-name>
      filter-name
    </filter-name>
    <subtree>
      subtree
    </subtree>
    <filter-type>
      filter-type
    </filter-type>
    <storage-type>
      storage-type
    </storage-type>
    <row-status>
      row-status
    </row-status>
```



```

</snmp-v3-notify-filter>
</snmp-v3-notify-filter-information>

```

Description SNMPv3 notify filter

<snmp-v3-notify-filter>

Usage

```

<snmp-v3-information>
  <snmp-v3-notify-filter-information>
    <snmp-v3-notify-filter>
      <filter-name>
        filter-name
      </filter-name>
      <subtree>
        subtree
      </subtree>
      <filter-type>
        filter-type
      </filter-type>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-notify-filter>
  </snmp-v3-notify-filter-information>
</snmp-v3-information>

```

Description SNMPv3 notify filter

<snmp-v3-notify-filter-information>

Usage

```

<snmp-v3-notify-filter-information>
  <snmp-v3-notify-filter>....</snmp-v3-notify-filter>
</snmp-v3-notify-filter-information>

```

Description SNMPv3 notify filter information

<snmp-v3-notify-filter-information>

Usage

```

<snmp-v3-information>
  <snmp-v3-notify-filter-information>
    <snmp-v3-notify-filter>....</snmp-v3-notify-filter>
  </snmp-v3-notify-filter-information>
</snmp-v3-information>

```

Description SNMPv3 notify filter information

<snmp-v3-notify-information>

Usage

```
<snmp-v3-notify-information>
  <snmp-v3-notify>....</snmp-v3-notify>
</snmp-v3-notify-information>
```

Description SNMPv3 notify information

<snmp-v3-notify-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-notify-information>
    <snmp-v3-notify>....</snmp-v3-notify>
  </snmp-v3-notify-information>
</snmp-v3-information>
```

Description SNMPv3 notify information

<snmp-v3-target-address-information>

Usage

```
<snmp-v3-target-address-information>
  <snmp-v3-target_address>....</snmp-v3-target_address>
</snmp-v3-target-address-information>
```

Description SNMPv3 target address information

<snmp-v3-target-address-information>

Usage

```
<snmp-v3-target-information>
  <snmp-v3-target-address-information>
    <snmp-v3-target_address>....</snmp-v3-target_address>
  </snmp-v3-target-address-information>
</snmp-v3-target-information>
```

Description SNMPv3 target address information

<snmp-v3-target-address-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-target-information>
    <snmp-v3-target-address-information>
      <snmp-v3-target_address>....</snmp-v3-target_address>
    </snmp-v3-target-address-information>
  </snmp-v3-target-information>
</snmp-v3-information>
```

```
        </snmp-v3-target-address-information>
    </snmp-v3-target-information>
</snmp-v3-information>
```

Description SNMPv3 target address information

<snmp-v3-target-information>

Usage

```
<snmp-v3-target-information>
<snmp-v3-target-address-information>....</snmp-v3-target-address-information>

<snmp-v3-target-parameters-information>....</snmp-v3-target-parameters-information>

</snmp-v3-target-information>
```

Description

<snmp-v3-target-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-target-information>
    <snmp-v3-target-address-information>....</snmp-v3-target-address-information>

    <snmp-v3-target-parameters-information>....</snmp-v3-target-parameters-information>

  </snmp-v3-target-information>
</snmp-v3-information>
```

Description

<snmp-v3-target-parameters-information>

Usage

```
<snmp-v3-target-parameters-information>
  <snmp-v3-target_parameters>....</snmp-v3-target_parameters>
</snmp-v3-target-parameters-information>
```

Description SNMPv3 target parameters information

<snmp-v3-target-parameters-information>

Usage

```
<snmp-v3-target-information>
  <snmp-v3-target-parameters-information>
    <snmp-v3-target_parameters>....</snmp-v3-target_parameters>
  </snmp-v3-target-parameters-information>
```

</snmp-v3-target-information>

Description SNMPv3 target parameters information

<snmp-v3-target-parameters-information>

Usage

```
<snmp-v3-information>
  <snmp-v3-target-information>
    <snmp-v3-target-parameters-information>
      <snmp-v3-target_parameters>....</snmp-v3-target_parameters>
    </snmp-v3-target-parameters-information>
  </snmp-v3-target-information>
</snmp-v3-information>
```

Description SNMPv3 target parameters information

<snmp-v3-target_address>

Usage

```
<snmp-v3-target-address-information>
  <snmp-v3-target_address>
    <target-address-name>
      target-address-name
    </target-address-name>
    <address>
      address
    </address>
    <port>
      port
    </port>
    <target-parameters-name>
      target-parameters-name
    </target-parameters-name>
    <storage-type>
      storage-type
    </storage-type>
    <row-status>
      row-status
    </row-status>
  </snmp-v3-target_address>
</snmp-v3-target-address-information>
```

Description SNMPv3 target address

<snmp-v3-target_address>

Usage

```
<snmp-v3-target-information>
  <snmp-v3-target-address-information>
    <snmp-v3-target_address>
```

```

<target-address-name>
  target-address-name
</target-address-name>
<address>
  address
</address>
<port>
  port
</port>
<target-parameters-name>
  target-parameters-name
</target-parameters-name>
<storage-type>
  storage-type
</storage-type>
<row-status>
  row-status
</row-status>
</snmp-v3-target_address>
</snmp-v3-target-address-information>
</snmp-v3-target-information>

```

Description SNMPv3 target address

<snmp-v3-target_address>

Usage

```

<snmp-v3-information>
  <snmp-v3-target-information>
    <snmp-v3-target-address-information>
      <snmp-v3-target_address>
        <target-address-name>
          target-address-name
        </target-address-name>
        <address>
          address
        </address>
        <port>
          port
        </port>
        <target-parameters-name>
          target-parameters-name
        </target-parameters-name>
        <storage-type>
          storage-type
        </storage-type>
        <row-status>
          row-status
        </row-status>
      </snmp-v3-target_address>
    </snmp-v3-target-address-information>
  </snmp-v3-target-information>
</snmp-v3-information>

```

Description SNMPv3 target address

<snmp-v3-target_parameters>

Usage

```
<snmp-v3-target-parameters-information>
  <snmp-v3-target_parameters>
    <target-parameters-name>
      target-parameters-name
    </target-parameters-name>
    <security-name>
      security-name
    </security-name>
    <security-model>
      security-model
    </security-model>
    <security-level>
      security-level
    </security-level>
    <notify-filter-name>
      notify-filter-name
    </notify-filter-name>
    <storage-type>
      storage-type
    </storage-type>
    <row-status>
      row-status
    </row-status>
  </snmp-v3-target_parameters>
</snmp-v3-target-parameters-information>
```

Description SNMPv3 target parameters

<snmp-v3-target_parameters>

Usage

```
<snmp-v3-target-information>
  <snmp-v3-target-parameters-information>
    <snmp-v3-target_parameters>
      <target-parameters-name>
        target-parameters-name
      </target-parameters-name>
      <security-name>
        security-name
      </security-name>
      <security-model>
        security-model
      </security-model>
      <security-level>
        security-level
      </security-level>
      <notify-filter-name>
        notify-filter-name
      </notify-filter-name>
```

```
<storage-type>
  storage-type
</storage-type>
<row-status>
  row-status
</row-status>
</snmp-v3-target_parameters>
</snmp-v3-target-parameters-information>
</snmp-v3-target-information>
```

Description SNMPv3 target parameters

<snmp-v3-target_parameters>

Usage

```
<snmp-v3-information>
  <snmp-v3-target-information>
    <snmp-v3-target-parameters-information>
      <snmp-v3-target_parameters>
        <target-parameters-name>
          target-parameters-name
        </target-parameters-name>
        <security-name>
          security-name
        </security-name>
        <security-model>
          security-model
        </security-model>
        <security-level>
          security-level
        </security-level>
        <notify-filter-name>
          notify-filter-name
        </notify-filter-name>
        <storage-type>
          storage-type
        </storage-type>
        <row-status>
          row-status
        </row-status>
      </snmp-v3-target_parameters>
    </snmp-v3-target-parameters-information>
  </snmp-v3-target-information>
</snmp-v3-information>
```

Description SNMPv3 target parameters

<snmp-v3-usm-user>

Usage

```
<snmp-v3-usm-user-information>
  <snmp-v3-usm-user>
    <user-name>
```

```
    user-name
  </user-name>
  <auth-type>
    auth-type
  </auth-type>
  <priv-type>
    priv-type
  </priv-type>
  <storage-type>
    storage-type
  </storage-type>
  <row-status>
    row-status
  </row-status>
</snmp-v3-usm-user>
</snmp-v3-usm-user-information>
```

Description

<snmp-v3-usm-user>

Usage

```
<snmp-v3-information>
  <snmp-v3-usm-user-information>
    <snmp-v3-usm-user>
      <user-name>
        user-name
      </user-name>
      <auth-type>
        auth-type
      </auth-type>
      <priv-type>
        priv-type
      </priv-type>
      <storage-type>
        storage-type
      </storage-type>
      <row-status>
        row-status
      </row-status>
    </snmp-v3-usm-user>
  </snmp-v3-usm-user-information>
</snmp-v3-information>
```

Description

<snmp-v3-usm-user-engine-id>

Usage

```
<snmp-v3-usm-user-information>
  <snmp-v3-usm-user-engine-id>
    <user-engine-id>
      user-engine-id
    </user-engine-id>
```



```

    </snmp-v3-usm-user-engine-id>
  </snmp-v3-usm-user-information>

```

Description

<snmp-v3-usm-user-engine-id>

Usage

```

<snmp-v3-information>
  <snmp-v3-usm-user-information>
    <snmp-v3-usm-user-engine-id>
      <user-engine-id>
        user-engine-id
      </user-engine-id>
    </snmp-v3-usm-user-engine-id>
  </snmp-v3-usm-user-information>
</snmp-v3-information>

```

Description

<snmp-v3-usm-user-information>

Usage

```

<snmp-v3-usm-user-information>
  <snmp-v3-usm-user-engine-id>.....</snmp-v3-usm-user-engine-id>
  <snmp-v3-usm-user>.....</snmp-v3-usm-user>
</snmp-v3-usm-user-information>

```

Description

<snmp-v3-usm-user-information>

Usage

```

<snmp-v3-information>
  <snmp-v3-usm-user-information>
    <snmp-v3-usm-user-engine-id>.....</snmp-v3-usm-user-engine-id>
    <snmp-v3-usm-user>.....</snmp-v3-usm-user>
  </snmp-v3-usm-user-information>
</snmp-v3-information>

```

Description

<sub-agent-control-blocks>

Usage

```

<snmp-statistics>
  <sub-agent-control-blocks>
    <total>
      total
    </total>
    <currently-active>
      currently-active
    </currently-active>
  </sub-agent-control-blocks>
</snmp-statistics>

```

```
<max-active>
  max-active
</max-active>
<not-found>
  not-found
</not-found>
<timed-out>
  timed-out
</timed-out>
<max-latency>
  max-latency
</max-latency>
</sub-agent-control-blocks>
</snmp-statistics>
```

Description

<sub-agent-registration>

Usage

```
<snmp-statistics>
  <sub-agent-registration>
    <group-registers>
      group-registers
    </group-registers>
    <group-deregisters>
      group-deregisters
    </group-deregisters>
    <group-removes>
      group-removes
    </group-removes>
  </sub-agent-registration>
</snmp-statistics>
```

Description

<trap-queue-stats>

Usage

```
<snmp-statistics>
  <trap-queue-stats>
    <current-queued>
      current-queued
    </current-queued>
    <total-queued>
      total-queued
    </total-queued>
    <total-discards>
      total-discards
    </total-discards>
    <total-overflows>
      total-overflows
    </total-overflows>
  </trap-queue-stats>
```

```
</snmp-statistics>
```

Description

```
<trap-throttle-stats>
```

Usage

```
<snmp-statistics>
  <trap-throttle-stats>
    <current-throttled>
      current-throttled
    </current-throttled>
    <total-throttles>
      total-throttles
    </total-throttles>
  </trap-throttle-stats>
</snmp-statistics>
```

Description

Summary of Static Subscribers Response Tags

```
<results>
```

Usage

```
<static-subscribers-information>
  <results>
    <success>
      success
    </success>
    <failure>
      failure
    </failure>
  </results>
</static-subscribers-information>
```

Description Result for static subscriber operation

```
<static-subscribers-information>
```

Usage

```
<static-subscribers-information>
  <results>....</results>
  <subscriber-session>....</subscriber-session>
</static-subscribers-information>
```

Description Static subscribers information

<subscriber-session>

Usage

```
<static-subscribers-information>
  <subscriber-session>
    <username>
      username
    </username>
    <interface>
      interface
    </interface>
    <group>
      group
    </group>
    <state>
      state
    </state>
  </subscriber-session>
</static-subscribers-information>
```

Description

Summary of Statistics Response Tags

<arp>

Usage

```
<statistics>
  <arp>
    <datagrams-received>
      datagrams-received
    </datagrams-received>
    <arp-requests-received>
      arp-requests-received
    </arp-requests-received>
    <arp-replies-received>
      arp-replies-received
    </arp-replies-received>
    <resolution-request-received>
      resolution-request-received
    </resolution-request-received>
    <unrestricted-proxy-requests>
      unrestricted-proxy-requests
    </unrestricted-proxy-requests>
    <restricted-proxy-requests>
      restricted-proxy-requests
    </restricted-proxy-requests>
    <received-proxy-requests>
      received-proxy-requests
    </received-proxy-requests>
    <proxy-requests-not-proxied>
      proxy-requests-not-proxied
    </proxy-requests-not-proxied>
    <restricted-proxy-requests-not-proxied>
```

```
    restricted-proxy-requests-not-proxied
  </restricted-proxy-requests-not-proxied>
  <datagrams-with-bogus-interface>
    datagrams-with-bogus-interface
  </datagrams-with-bogus-interface>
  <datagrams-with-incorrect-length>
    datagrams-with-incorrect-length
  </datagrams-with-incorrect-length>
  <datagrams-for-non-ip-protocol>
    datagrams-for-non-ip-protocol
  </datagrams-for-non-ip-protocol>
  <datagrams-with-unsupported-opcode>
    datagrams-with-unsupported-opcode
  </datagrams-with-unsupported-opcode>
  <datagrams-with-bad-protocol-address-length>
    datagrams-with-bad-protocol-address-length
  </datagrams-with-bad-protocol-address-length>
  <datagrams-with-bad-hardware-address-length>
    datagrams-with-bad-hardware-address-length
  </datagrams-with-bad-hardware-address-length>
  <datagrams-with-multicast-source-address>
    datagrams-with-multicast-source-address
  </datagrams-with-multicast-source-address>
  <datagrams-with-multicast-target-address>
    datagrams-with-multicast-target-address
  </datagrams-with-multicast-target-address>
  <datagrams-with-my-own-hardware-address>
    datagrams-with-my-own-hardware-address
  </datagrams-with-my-own-hardware-address>
  <datagrams-for-an-address-not-on-the-interface>
    datagrams-for-an-address-not-on-the-interface
  </datagrams-for-an-address-not-on-the-interface>
  <datagrams-with-a-broadcast-source-address>
    datagrams-with-a-broadcast-source-address
  </datagrams-with-a-broadcast-source-address>
  <datagrams-with-source-address-duplicate-to-mine>
    datagrams-with-source-address-duplicate-to-mine
  </datagrams-with-source-address-duplicate-to-mine>
  <datagrams-which-were-not-for-me>
    datagrams-which-were-not-for-me
  </datagrams-which-were-not-for-me>
  <packets-discarded-waiting-for-resolution>
    packets-discarded-waiting-for-resolution
  </packets-discarded-waiting-for-resolution>
  <packets-sent-after-waiting-for-resolution>
    packets-sent-after-waiting-for-resolution
  </packets-sent-after-waiting-for-resolution>
  <arp-requests-sent>
    arp-requests-sent
  </arp-requests-sent>
  <arp-replies-sent>
    arp-replies-sent
  </arp-replies-sent>
  <requests-for-memory-denied>
    requests-for-memory-denied
  </requests-for-memory-denied>
```

```
<requests-dropped-on-entry>
  requests-dropped-on-entry
</requests-dropped-on-entry>
<requests-dropped-during-retry>
  requests-dropped-during-retry
</requests-dropped-during-retry>
<requests-dropped-due-to-interface-deletion>
  requests-dropped-due-to-interface-deletion
</requests-dropped-due-to-interface-deletion>
<requests-on-unnumbered-interfaces>
  requests-on-unnumbered-interfaces
</requests-on-unnumbered-interfaces>
<new-requests-on-unnumbered-interfaces>
  new-requests-on-unnumbered-interfaces
</new-requests-on-unnumbered-interfaces>
<replies-from-unnumbered-interfaces>
  replies-from-unnumbered-interfaces
</replies-from-unnumbered-interfaces>
<requests-on-unnumbered-interface-with-non-subnetted-donor>
  requests-on-unnumbered-interface-with-non-subnetted-donor
</requests-on-unnumbered-interface-with-non-subnetted-donor>
<replies-from-unnumbered-interface-with-non-subnetted-donor>
  replies-from-unnumbered-interface-with-non-subnetted-donor
</replies-from-unnumbered-interface-with-non-subnetted-donor>
</arp>
</statistics>
```

Description

<bridge>

Usage

```
<statistics>
  <bridge>
    <heading>
      heading
    </heading>
    <bridge-packets-received>
      bridge-packets-received
    </bridge-packets-received>
    <bridge-packets-forwarded>
      bridge-packets-forwarded
    </bridge-packets-forwarded>
    <packets-failed-to-forward>
      packets-failed-to-forward
    </packets-failed-to-forward>
    <bridge-packets-dropped>
      bridge-packets-dropped
    </bridge-packets-dropped>
    <packets-with-vmember-lookup-failures>
      packets-with-vmember-lookup-failures
    </packets-with-vmember-lookup-failures>
    <packets-with-vlan-lookup-failures>
      packets-with-vlan-lookup-failures
    </packets-with-vlan-lookup-failures>
```

```
<packets-with-stp-state-lookup-failures>
  packets-with-stp-state-lookup-failures
</packets-with-stp-state-lookup-failures>
<packets-dropped-due-to-stp-blocked-or-listening>
  packets-dropped-due-to-stp-blocked-or-listening
</packets-dropped-due-to-stp-blocked-or-listening>
<packets-dropped-due-to-stp-learning>
  packets-dropped-due-to-stp-learning
</packets-dropped-due-to-stp-learning>
<packets-with-src-mac-learning-failures>
  packets-with-src-mac-learning-failures
</packets-with-src-mac-learning-failures>
<packets-with-input-control-processing-failures>
  packets-with-input-control-processing-failures
</packets-with-input-control-processing-failures>
<packets-sent-successfully>
  packets-sent-successfully
</packets-sent-successfully>
<packets-with-send-failures>
  packets-with-send-failures
</packets-with-send-failures>
<packets-forwarded-to-l3-interface>
  packets-forwarded-to-l3-interface
</packets-forwarded-to-l3-interface>
<packets-with-l3-send-failures>
  packets-with-l3-send-failures
</packets-with-l3-send-failures>
<packets-discarded>
  packets-discarded
</packets-discarded>
<packets-with-l2-ifl-store-failures>
  packets-with-l2-ifl-store-failures
</packets-with-l2-ifl-store-failures>
<packets-with-ifl-mismatch-failures>
  packets-with-ifl-mismatch-failures
</packets-with-ifl-mismatch-failures>
<packets-with-packet-duplication-failures>
  packets-with-packet-duplication-failures
</packets-with-packet-duplication-failures>
<packets-with-tag-lookup-failures>
  packets-with-tag-lookup-failures
</packets-with-tag-lookup-failures>
<packets-with-no-route-for-dmac>
  packets-with-no-route-for-dmac
</packets-with-no-route-for-dmac>
<packets-with-no-route-table>
  packets-with-no-route-table
</packets-with-no-route-table>
<packets-with-no-nexthop>
  packets-with-no-nexthop
</packets-with-no-nexthop>
<packets-with-dead-nexthop>
  packets-with-dead-nexthop
</packets-with-dead-nexthop>
<packets-with-eof-reached-error>
  packets-with-eof-reached-error
```

```
</packets-with-eof-reached-error>
<macs-learned>
  macs-learned
</macs-learned>
<packets-sent-to-l3-interface>
  packets-sent-to-l3-interface
</packets-sent-to-l3-interface>
<packets-hit-hold-queue-while-learning>
  packets-hit-hold-queue-while-learning
</packets-hit-hold-queue-while-learning>
<mac-moves>
  mac-moves
</mac-moves>
<packets-with-no-route-for-smac>
  packets-with-no-route-for-smac
</packets-with-no-route-for-smac>
<packets-dropped-due-to-no-resolve-route>
  packets-dropped-due-to-no-resolve-route
</packets-dropped-due-to-no-resolve-route>
<packets-with-l3-ifd-lookup-failures>
  packets-with-l3-ifd-lookup-failures
</packets-with-l3-ifd-lookup-failures>
<packets-with-l3-ifl-lookup-failures>
  packets-with-l3-ifl-lookup-failures
</packets-with-l3-ifl-lookup-failures>
<packets-with-l3-invalid-rnh>
  packets-with-l3-invalid-rnh
</packets-with-l3-invalid-rnh>
<packets-with-no-route-for-smac-in-clone-learning>
  packets-with-no-route-for-smac-in-clone-learning
</packets-with-no-route-for-smac-in-clone-learning>
<packets-with-no-nexthop-in-clone-learning>
  packets-with-no-nexthop-in-clone-learning
</packets-with-no-nexthop-in-clone-learning>
<packets-with-dead-nexthop-in-clone-learning>
  packets-with-dead-nexthop-in-clone-learning
</packets-with-dead-nexthop-in-clone-learning>
<packets-dropped-due-to-no-resolve-nh-in-clone-learning>
  packets-dropped-due-to-no-resolve-nh-in-clone-learning
</packets-dropped-due-to-no-resolve-nh-in-clone-learning>
<packets-dropped-due-to-interface-down>
  packets-dropped-due-to-interface-down
</packets-dropped-due-to-interface-down>
<packets-with-dev-output-failures>
  packets-with-dev-output-failures
</packets-with-dev-output-failures>
<blocked-ifl-discards>
  blocked-ifl-discards
</blocked-ifl-discards>
<packets-with-tag-insertion-failures>
  packets-with-tag-insertion-failures
</packets-with-tag-insertion-failures>
<packets-with-tag-removal-failures>
  packets-with-tag-removal-failures
</packets-with-tag-removal-failures>
<packets-flooded>
```



```

    packets-flooded
  </packets-flooded>
  <flood-failures>
    flood-failures
  </flood-failures>
  <packets-with-mpull-failures>
    packets-with-mpull-failures
  </packets-with-mpull-failures>
  <packets-with-ifl-lookup-failures>
    packets-with-ifl-lookup-failures
  </packets-with-ifl-lookup-failures>
  <bridge-packets-with-size-smaller-than-minimum>
    bridge-packets-with-size-smaller-than-minimum
  </bridge-packets-with-size-smaller-than-minimum>
  <packets-with-double-tags>
    packets-with-double-tags
  </packets-with-double-tags>
  <packets-with-no-ifl>
    packets-with-no-ifl
  </packets-with-no-ifl>
  <packets-with-no-family>
    packets-with-no-family
  </packets-with-no-family>
</bridge>
</statistics>

```

Description

<clnl>

Usage

```

<statistics>
  <clnl>
    <total-clnl-packets-received>
      total-clnl-packets-received
    </total-clnl-packets-received>
    <packets-delivered>
      packets-delivered
    </packets-delivered>
    <too-small-packets>
      too-small-packets
    </too-small-packets>
    <packets-with-bad-header-length>
      packets-with-bad-header-length
    </packets-with-bad-header-length>
    <packets-with-bad-checksum>
      packets-with-bad-checksum
    </packets-with-bad-checksum>
    <bad-version-packets>
      bad-version-packets
    </bad-version-packets>
    <unknown-or-unsupported-protocol-packets>
      unknown-or-unsupported-protocol-packets
    </unknown-or-unsupported-protocol-packets>
    <packets-with-bogus-sdl-size>

```

```
    packets-with-bogus-sdl-size
  </packets-with-bogus-sdl-size>
  <no-free-memory-in-socket-buffer>
    no-free-memory-in-socket-buffer
  </no-free-memory-in-socket-buffer>
  <send-packets-discarded>
    send-packets-discarded
  </send-packets-discarded>
  <sbappend-failure>
    sbappend-failure
  </sbappend-failure>
  <mcopy-failure>
    mcopy-failure
  </mcopy-failure>
  <address-fields-were-not-reasonable>
    address-fields-were-not-reasonable
  </address-fields-were-not-reasonable>
  <segment-information-forgotten>
    segment-information-forgotten
  </segment-information-forgotten>
  <forwarded-packets>
    forwarded-packets
  </forwarded-packets>
  <total-packets-sent>
    total-packets-sent
  </total-packets-sent>
  <output-packets-discarded>
    output-packets-discarded
  </output-packets-discarded>
  <non-forwarded-packets>
    non-forwarded-packets
  </non-forwarded-packets>
  <packets-fragmented>
    packets-fragmented
  </packets-fragmented>
  <fragments-sent>
    fragments-sent
  </fragments-sent>
  <fragments-discarded>
    fragments-discarded
  </fragments-discarded>
  <fragments-timed-out>
    fragments-timed-out
  </fragments-timed-out>
  <fragmentation-prohibited>
    fragmentation-prohibited
  </fragmentation-prohibited>
  <packets-reconstructed>
    packets-reconstructed
  </packets-reconstructed>
  <packets-destined-to-dead-nexthop>
    packets-destined-to-dead-nexthop
  </packets-destined-to-dead-nexthop>
  <packets-discarded-due-to-no-route>
    packets-discarded-due-to-no-route
  </packets-discarded-due-to-no-route>
```

```

    <error-pdu-rate-drops>
      error-pdu-rate-drops
    </error-pdu-rate-drops>
    <er-pdu-generation-failure>
      er-pdu-generation-failure
    </er-pdu-generation-failure>
  </cni>
</statistics>

```

Description

<esis>

Usage

```

<statistics>
  <esis>
    <total-esis-packets-received>
      total-esis-packets-received
    </total-esis-packets-received>
    <total-packets-consumed-by-protocol>
      total-packets-consumed-by-protocol
    </total-packets-consumed-by-protocol>
    <pds-received-with-bad-checksum>
      pds-received-with-bad-checksum
    </pds-received-with-bad-checksum>
    <pds-received-with-bad-version-number>
      pds-received-with-bad-version-number
    </pds-received-with-bad-version-number>
    <pds-received-with-bad-type-field>
      pds-received-with-bad-type-field
    </pds-received-with-bad-type-field>
    <short-pds-received>
      short-pds-received
    </short-pds-received>
    <pds-with-bogus-sdl-size>
      pds-with-bogus-sdl-size
    </pds-with-bogus-sdl-size>
    <pds-with-bad-header-length>
      pds-with-bad-header-length
    </pds-with-bad-header-length>
    <pds-with-unknown-or-unsupport-protocol>
      pds-with-unknown-or-unsupport-protocol
    </pds-with-unknown-or-unsupport-protocol>
    <no-free-memory-in-socket-buffer>
      no-free-memory-in-socket-buffer
    </no-free-memory-in-socket-buffer>
    <send-packets-discarded>
      send-packets-discarded
    </send-packets-discarded>
    <sbappend-failure>
      sbappend-failure
    </sbappend-failure>
    <mcopy-failure>
      mcopy-failure
    </mcopy-failure>
  </esis>
</statistics>

```

```
<iso-family-not-configured>  
  iso-family-not-configured  
</iso-family-not-configured>  
</esis>  
</statistics>
```

Description

<ethoamcfm>

Usage

```
<statistics>  
  <ethoamcfm>  
    <total-packets-received>  
      total-packets-received  
    </total-packets-received>  
    <input-packets-drop-bad-interface-state>  
      input-packets-drop-bad-interface-state  
    </input-packets-drop-bad-interface-state>  
    <received-packets-forwarded>  
      received-packets-forwarded  
    </received-packets-forwarded>  
    <total-packets-transmitted>  
      total-packets-transmitted  
    </total-packets-transmitted>  
    <packets-sent>  
      packets-sent  
    </packets-sent>  
    <output-packets-drop-bad-interface-state>  
      output-packets-drop-bad-interface-state  
    </output-packets-drop-bad-interface-state>  
    <flood-requests-forwarded-to-pfe>  
      flood-requests-forwarded-to-pfe  
    </flood-requests-forwarded-to-pfe>  
    <flood-requests-dropped>  
      flood-requests-dropped  
    </flood-requests-dropped>  
  </ethoamcfm>  
</statistics>
```

Description

<ethoamlfm>

Usage

```
<statistics>  
  <ethoamlfm>  
    <total-packets-received>  
      total-packets-received  
    </total-packets-received>  
    <input-packets-drop-bad-interface-state>  
      input-packets-drop-bad-interface-state  
    </input-packets-drop-bad-interface-state>  
    <received-packets-forwarded>
```

```

    received-packets-forwarded
  </received-packets-forwarded>
  <total-packets-transmitted>
    total-packets-transmitted
  </total-packets-transmitted>
  <packets-sent>
    packets-sent
  </packets-sent>
  <output-packets-drop-bad-interface-state>
    output-packets-drop-bad-interface-state
  </output-packets-drop-bad-interface-state>
</ethoamIfm>
</statistics>

```

Description

<icmp>

Usage

```

<statistics>
  <icmp>
    <drops-due-to-rate-limit>
      drops-due-to-rate-limit
    </drops-due-to-rate-limit>
    <calls-to-icmp-error>
      calls-to-icmp-error
    </calls-to-icmp-error>
    <errors-not-generated-because-old-message-was-icmp>
      errors-not-generated-because-old-message-was-icmp
    </errors-not-generated-because-old-message-was-icmp>
    <histogram>
      histogram
    </histogram>
    <messages-with-bad-code-fields>
      messages-with-bad-code-fields
    </messages-with-bad-code-fields>
    <messages-less-than-the-minimum-length>
      messages-less-than-the-minimum-length
    </messages-less-than-the-minimum-length>
    <messages-with-bad-checksum>
      messages-with-bad-checksum
    </messages-with-bad-checksum>
    <messages-with-bad-source-address>
      messages-with-bad-source-address
    </messages-with-bad-source-address>
    <messages-with-bad-length>
      messages-with-bad-length
    </messages-with-bad-length>
    <echo-drops-with-broadcast-or-multicast-destination-address>
      echo-drops-with-broadcast-or-multicast-destination-address
    </echo-drops-with-broadcast-or-multicast-destination-address>
    <timestamp-drops-with-broadcast-or-multicast-destination-address>
      timestamp-drops-with-broadcast-or-multicast-destination-address
    </timestamp-drops-with-broadcast-or-multicast-destination-address>
  </icmp>
</statistics>

```

```
    message-responses-generated  
  </message-responses-generated>  
</icmp>  
</statistics>
```

Description

<icmp6>

Usage

```
<statistics>  
  <icmp6>  
    <calls-to-icmp6-error>  
      calls-to-icmp6-error  
    </calls-to-icmp6-error>  
    <errors-not-generated-because-old-message-was-icmp-error>  
      errors-not-generated-because-old-message-was-icmp-error  
    </errors-not-generated-because-old-message-was-icmp-error>  
    <errors-not-generated-because-rate-limitation>  
      errors-not-generated-because-rate-limitation  
    </errors-not-generated-because-rate-limitation>  
    <histogram>  
      histogram  
    </histogram>  
    <unreachable-icmp6-packets>  
      unreachable-icmp6-packets  
    </unreachable-icmp6-packets>  
    <packet-too-big>  
      packet-too-big  
    </packet-too-big>  
    <time-exceeded-icmp6-packets>  
      time-exceeded-icmp6-packets  
    </time-exceeded-icmp6-packets>  
    <parameter-problem-icmp6-packets>  
      parameter-problem-icmp6-packets  
    </parameter-problem-icmp6-packets>  
    <icmp6-echo>  
      icmp6-echo  
    </icmp6-echo>  
    <icmp6-echo-reply>  
      icmp6-echo-reply  
    </icmp6-echo-reply>  
    <multicast-listener-query>  
      multicast-listener-query  
    </multicast-listener-query>  
    <multicast-listener-report>  
      multicast-listener-report  
    </multicast-listener-report>  
    <multicast-listener-done>  
      multicast-listener-done  
    </multicast-listener-done>  
    <router-solicitation-icmp6-packets>  
      router-solicitation-icmp6-packets  
    </router-solicitation-icmp6-packets>  
    <router-advertisement-icmp6-packets>
```

```
    router-advertisement-icmp6-packets
  </router-advertisement-icmp6-packets>
  <neighbor-solicitation>
    neighbor-solicitation
  </neighbor-solicitation>
  <neighbor-advertisement>
    neighbor-advertisement
  </neighbor-advertisement>
  <redirect>
    redirect
  </redirect>
  <router-renumbering>
    router-renumbering
  </router-renumbering>
  <node-information-request>
    node-information-request
  </node-information-request>
  <node-information-reply>
    node-information-reply
  </node-information-reply>
  <icmp6-messages-with-bad-code-fields>
    icmp6-messages-with-bad-code-fields
  </icmp6-messages-with-bad-code-fields>
  <messages-less-than-minimum-length>
    messages-less-than-minimum-length
  </messages-less-than-minimum-length>
  <bad-checksums>
    bad-checksums
  </bad-checksums>
  <icmp6-messages-with-bad-length>
    icmp6-messages-with-bad-length
  </icmp6-messages-with-bad-length>
  <histogram-of-error-messages-to-be-generated>
    histogram-of-error-messages-to-be-generated
  </histogram-of-error-messages-to-be-generated>
  <no-route>
    no-route
  </no-route>
  <administratively-prohibited>
    administratively-prohibited
  </administratively-prohibited>
  <beyond-scope>
    beyond-scope
  </beyond-scope>
  <address-unreachable>
    address-unreachable
  </address-unreachable>
  <port-unreachable>
    port-unreachable
  </port-unreachable>
  <time-exceed-transit>
    time-exceed-transit
  </time-exceed-transit>
  <time-exceed-reassembly>
    time-exceed-reassembly
  </time-exceed-reassembly>
```

```
<erroneous-header-field>
  erroneous-header-field
</erroneous-header-field>
<unrecognized-next-header>
  unrecognized-next-header
</unrecognized-next-header>
<unrecognized-option>
  unrecognized-option
</unrecognized-option>
<unknown>
  unknown
</unknown>
<icmp6-message-responses-generated>
  icmp6-message-responses-generated
</icmp6-message-responses-generated>
<messages-with-too-many-nd-options>
  messages-with-too-many-nd-options
</messages-with-too-many-nd-options>
</icmp6>
</statistics>
```

Description

<igmp>

Usage

```
<statistics>
<igmp>
  <messages-received>
    messages-received
  </messages-received>
  <messages-received-with-too-few-bytes>
    messages-received-with-too-few-bytes
  </messages-received-with-too-few-bytes>
  <messages-received-with-bad-checksum>
    messages-received-with-bad-checksum
  </messages-received-with-bad-checksum>
  <membership-queries-received>
    membership-queries-received
  </membership-queries-received>
  <membership-queries-received-with-invalid-fields>
    membership-queries-received-with-invalid-fields
  </membership-queries-received-with-invalid-fields>
  <membership-reports-received>
    membership-reports-received
  </membership-reports-received>
  <membership-reports-received-with-invalid-fields>
    membership-reports-received-with-invalid-fields
  </membership-reports-received-with-invalid-fields>
  <membership-reports-received-for-groups-to-which-we-belong>
    membership-reports-received-for-groups-to-which-we-belong
  </membership-reports-received-for-groups-to-which-we-belong>
  <membership-reports-sent>
    membership-reports-sent
  </membership-reports-sent>
```


| | |
|--------------------------------------|--|
| | <pre> </igmp> </statistics> </pre> |
| <p>Description</p> <p><ip></p> | |
| <p>Usage</p> | <pre> <statistics> <ip> <packets-received> <i>packets-received</i> </packets-received> <bad-header-checksums> <i>bad-header-checksums</i> </bad-header-checksums> <packets-with-size-smaller-than-minimum> <i>packets-with-size-smaller-than-minimum</i> </packets-with-size-smaller-than-minimum> <packets-with-data-size-less-than-datalength> <i>packets-with-data-size-less-than-datalength</i> </packets-with-data-size-less-than-datalength> <packets-with-header-length-less-than-data-size> <i>packets-with-header-length-less-than-data-size</i> </packets-with-header-length-less-than-data-size> <packets-with-data-length-less-than-headerlength> <i>packets-with-data-length-less-than-headerlength</i> </packets-with-data-length-less-than-headerlength> <packets-with-incorrect-version-number> <i>packets-with-incorrect-version-number</i> </packets-with-incorrect-version-number> <packets-destined-to-dead-next-hop> <i>packets-destined-to-dead-next-hop</i> </packets-destined-to-dead-next-hop> <fragments-received> <i>fragments-received</i> </fragments-received> <fragments-dropped-due-to-outofspace-or-dup> <i>fragments-dropped-due-to-outofspace-or-dup</i> </fragments-dropped-due-to-outofspace-or-dup> <fragments-dropped-due-to-queueoverflow> <i>fragments-dropped-due-to-queueoverflow</i> </fragments-dropped-due-to-queueoverflow> <fragments-dropped-after-timeout> <i>fragments-dropped-after-timeout</i> </fragments-dropped-after-timeout> <fragments-dropped-due-to-over-limit> <i>fragments-dropped-due-to-over-limit</i> </fragments-dropped-due-to-over-limit> <packets-reassembled-ok> <i>packets-reassembled-ok</i> </packets-reassembled-ok> <packets-for-this-host> <i>packets-for-this-host</i> </packets-for-this-host> </pre> |

```
<packets-for-unknown-or-unsupported-protocol>
  packets-for-unknown-or-unsupported-protocol
</packets-for-unknown-or-unsupported-protocol>
<packets-forwarded>
  packets-forwarded
</packets-forwarded>
<packets-not-forwardable>
  packets-not-forwardable
</packets-not-forwardable>
<redirects-sent>
  redirects-sent
</redirects-sent>
<packets-sent-from-this-host>
  packets-sent-from-this-host
</packets-sent-from-this-host>
<packets-sent-with-fabricated-ip-header>
  packets-sent-with-fabricated-ip-header
</packets-sent-with-fabricated-ip-header>
<output-packets-dropped-due-to-no-bufs>
  output-packets-dropped-due-to-no-bufs
</output-packets-dropped-due-to-no-bufs>
<output-packets-discarded-due-to-no-route>
  output-packets-discarded-due-to-no-route
</output-packets-discarded-due-to-no-route>
<output-datagrams-fragmented>
  output-datagrams-fragmented
</output-datagrams-fragmented>
<fragments-created>
  fragments-created
</fragments-created>
<datagrams-that-can-not-be-fragmented>
  datagrams-that-can-not-be-fragmented
</datagrams-that-can-not-be-fragmented>
<packets-with-bad-options>
  packets-with-bad-options
</packets-with-bad-options>
<packets-with-options-handled-without-error>
  packets-with-options-handled-without-error
</packets-with-options-handled-without-error>
<strict-source-and-record-route-options>
  strict-source-and-record-route-options
</strict-source-and-record-route-options>
<loose-source-and-record-route-options>
  loose-source-and-record-route-options
</loose-source-and-record-route-options>
<record-route-options>
  record-route-options
</record-route-options>
<timestamp-options>
  timestamp-options
</timestamp-options>
<timestamp-and-address-options>
  timestamp-and-address-options
</timestamp-and-address-options>
<timestamp-and-prespecified-address-options>
  timestamp-and-prespecified-address-options
```

```

</timestamp-and-prespecified-address-options>
<option-packets-dropped-due-to-rate-limit>
  option-packets-dropped-due-to-rate-limit
</option-packets-dropped-due-to-rate-limit>
<router-alert-options>
  router-alert-options
</router-alert-options>
<multicast-packets-dropped>
  multicast-packets-dropped
</multicast-packets-dropped>
<packets-dropped>
  packets-dropped
</packets-dropped>
<transit-re-packets-dropped-on-mgmt-interface>
  transit-re-packets-dropped-on-mgmt-interface
</transit-re-packets-dropped-on-mgmt-interface>
<packets-used-first-nexthop-in-ecmp-unilist>
  packets-used-first-nexthop-in-ecmp-unilist
</packets-used-first-nexthop-in-ecmp-unilist>
<incoming-ttpoip-packets-received>
  incoming-ttpoip-packets-received
</incoming-ttpoip-packets-received>
<incoming-ttpoip-packets-dropped>
  incoming-ttpoip-packets-dropped
</incoming-ttpoip-packets-dropped>
<outgoing-ttpoip-packets-sent>
  outgoing-ttpoip-packets-sent
</outgoing-ttpoip-packets-sent>
<outgoing-ttpoip-packets-dropped>
  outgoing-ttpoip-packets-dropped
</outgoing-ttpoip-packets-dropped>
<incoming-rawip-packets-dropped-no-socket-buffer>
  incoming-rawip-packets-dropped-no-socket-buffer
</incoming-rawip-packets-dropped-no-socket-buffer>
</ip>
</statistics>

```

Description

<ip6>

Usage

```

<statistics>
  <ip6>
    <total-packets-received>
      total-packets-received
    </total-packets-received>
    <ip6-packets-with-size-smaller-than-minimum>
      ip6-packets-with-size-smaller-than-minimum
    </ip6-packets-with-size-smaller-than-minimum>
    <packets-with-datasize-less-than-data-length>
      packets-with-datasize-less-than-data-length
    </packets-with-datasize-less-than-data-length>
    <ip6-packets-with-bad-options>
      ip6-packets-with-bad-options

```

```
</ip6-packets-with-bad-options>
<ip6-packets-with-incorrect-version-number>
  ip6-packets-with-incorrect-version-number
</ip6-packets-with-incorrect-version-number>
<ip6-fragments-received>
  ip6-fragments-received
</ip6-fragments-received>
<duplicate-or-out-of-space-fragments-dropped>
  duplicate-or-out-of-space-fragments-dropped
</duplicate-or-out-of-space-fragments-dropped>
<ip6-fragments-dropped-after-timeout>
  ip6-fragments-dropped-after-timeout
</ip6-fragments-dropped-after-timeout>
<fragments-that-exceeded-limit>
  fragments-that-exceeded-limit
</fragments-that-exceeded-limit>
<ip6-packets-reassembled-ok>
  ip6-packets-reassembled-ok
</ip6-packets-reassembled-ok>
<ip6-packets-for-this-host>
  ip6-packets-for-this-host
</ip6-packets-for-this-host>
<ip6-packets-forwarded>
  ip6-packets-forwarded
</ip6-packets-forwarded>
<ip6-packets-not-forwardable>
  ip6-packets-not-forwardable
</ip6-packets-not-forwardable>
<ip6-redirects-sent>
  ip6-redirects-sent
</ip6-redirects-sent>
<ip6-packets-sent-from-this-host>
  ip6-packets-sent-from-this-host
</ip6-packets-sent-from-this-host>
<ip6-packets-sent-with-fabricated-ip-header>
  ip6-packets-sent-with-fabricated-ip-header
</ip6-packets-sent-with-fabricated-ip-header>
<ip6-output-packets-dropped-due-to-no-bufs>
  ip6-output-packets-dropped-due-to-no-bufs
</ip6-output-packets-dropped-due-to-no-bufs>
<ip6-output-packets-discarded-due-to-no-route>
  ip6-output-packets-discarded-due-to-no-route
</ip6-output-packets-discarded-due-to-no-route>
<ip6-output-datagrams-fragmented>
  ip6-output-datagrams-fragmented
</ip6-output-datagrams-fragmented>
<ip6-fragments-created>
  ip6-fragments-created
</ip6-fragments-created>
<ip6-datagrams-that-can-not-be-fragmented>
  ip6-datagrams-that-can-not-be-fragmented
</ip6-datagrams-that-can-not-be-fragmented>
<packets-that-violated-scope-rules>
  packets-that-violated-scope-rules
</packets-that-violated-scope-rules>
<multicast-packets-which-we-do-not-join>
```

```
    multicast-packets-which-we-do-not-join
  </multicast-packets-which-we-do-not-join>
  <histogram>
    histogram
  </histogram>
  <ip6nh-hop-by-hop>
    ip6nh-hop-by-hop
  </ip6nh-hop-by-hop>
  <ip6nh-icmp>
    ip6nh-icmp
  </ip6nh-icmp>
  <ip6nh-igmp>
    ip6nh-igmp
  </ip6nh-igmp>
  <ip6nh-ip>
    ip6nh-ip
  </ip6nh-ip>
  <ip6nh-tcp>
    ip6nh-tcp
  </ip6nh-tcp>
  <ip6nh-udp>
    ip6nh-udp
  </ip6nh-udp>
  <ip6nh-idp>
    ip6nh-idp
  </ip6nh-idp>
  <ip6nh-tp>
    ip6nh-tp
  </ip6nh-tp>
  <ip6nh-ip6>
    ip6nh-ip6
  </ip6nh-ip6>
  <ip6nh-routing>
    ip6nh-routing
  </ip6nh-routing>
  <ip6nh-fragment>
    ip6nh-fragment
  </ip6nh-fragment>
  <ip6nh-esp>
    ip6nh-esp
  </ip6nh-esp>
  <ip6nh-ah>
    ip6nh-ah
  </ip6nh-ah>
  <ip6nh-icmp6>
    ip6nh-icmp6
  </ip6nh-icmp6>
  <ip6nh-no-next-header>
    ip6nh-no-next-header
  </ip6nh-no-next-header>
  <ip6nh-destination-option>
    ip6nh-destination-option
  </ip6nh-destination-option>
  <ip6nh-isoip>
    ip6nh-isoip
  </ip6nh-isoip>
```

```
<ip6nh-ospf>
  ip6nh-ospf
</ip6nh-ospf>
<ip6nh-ethernet>
  ip6nh-ethernet
</ip6nh-ethernet>
<ip6nh-pim>
  ip6nh-pim
</ip6nh-pim>
<mbuf-statistics>
  mbuf-statistics
</mbuf-statistics>
<node-locals>
  node-locals
</node-locals>
<link-locals>
  link-locals
</link-locals>
<site-locals>
  site-locals
</site-locals>
<globals>
  globals
</globals>
<address-scope>
  address-scope
</address-scope>
<hex-value>
  hex-value
</hex-value>
<header-for-source-address-selection>
  header-for-source-address-selection
</header-for-source-address-selection>
<packets-whose-headers-are-not-continuous>
  packets-whose-headers-are-not-continuous
</packets-whose-headers-are-not-continuous>
<tunneling-packets-that-can-not-find-gif>
  tunneling-packets-that-can-not-find-gif
</tunneling-packets-that-can-not-find-gif>
<packets-discarded-due-to-too-many-headers>
  packets-discarded-due-to-too-many-headers
</packets-discarded-due-to-too-many-headers>
<failures-of-source-address-selection>
  failures-of-source-address-selection
</failures-of-source-address-selection>
<forward-cache-hit>
  forward-cache-hit
</forward-cache-hit>
<forward-cache-miss>
  forward-cache-miss
</forward-cache-miss>
<ip6-packets-destined-to-dead-next-hop>
  ip6-packets-destined-to-dead-next-hop
</ip6-packets-destined-to-dead-next-hop>
<ip6-option-packets-dropped-due-to-rate-limit>
  ip6-option-packets-dropped-due-to-rate-limit
```

```

</ip6-option-packets-dropped-due-to-rate-limit>
<ip6-packets-dropped>
  ip6-packets-dropped
</ip6-packets-dropped>
<packets-dropped-due-to-bad-protocol>
  packets-dropped-due-to-bad-protocol
</packets-dropped-due-to-bad-protocol>
<transit-re-packet-dropped-on-mgmt-interface>
  transit-re-packet-dropped-on-mgmt-interface
</transit-re-packet-dropped-on-mgmt-interface>
<packet-used-first-nexthop-in-ecmp-unilist>
  packet-used-first-nexthop-in-ecmp-unilist
</packet-used-first-nexthop-in-ecmp-unilist>
</ip6>
</statistics>

```

Description

<ipsec>

Usage

```

<statistics>
<ipsec>
  <inbound-packets-processed-successfully>
    inbound-packets-processed-successfully
  </inbound-packets-processed-successfully>
  <inbound-packets-violated-process-security-policy>
    inbound-packets-violated-process-security-policy
  </inbound-packets-violated-process-security-policy>
  <inbound-packets-with-no-sa-available>
    inbound-packets-with-no-sa-available
  </inbound-packets-with-no-sa-available>
  <invalid-inbound-packets>
    invalid-inbound-packets
  </invalid-inbound-packets>
  <inbound-packets-failed-due-to-insufficient-memory>
    inbound-packets-failed-due-to-insufficient-memory
  </inbound-packets-failed-due-to-insufficient-memory>
  <inbound-packets-failed-getting-spi>
    inbound-packets-failed-getting-spi
  </inbound-packets-failed-getting-spi>
  <inbound-packets-failed-on-ah-replay-check>
    inbound-packets-failed-on-ah-replay-check
  </inbound-packets-failed-on-ah-replay-check>
  <inbound-packets-failed-on-esp-replay-check>
    inbound-packets-failed-on-esp-replay-check
  </inbound-packets-failed-on-esp-replay-check>
  <inbound-packets-considered-authentic>
    inbound-packets-considered-authentic
  </inbound-packets-considered-authentic>
  <inbound-packets-failed-on-authentication>
    inbound-packets-failed-on-authentication
  </inbound-packets-failed-on-authentication>
  <inbound-esp-packets-considered-authentic>
    inbound-esp-packets-considered-authentic

```

```
</inbound-esp-packets-considered-authentic>
<inbound-esp-packets-failed-on-authentication>
  inbound-esp-packets-failed-on-authentication
</inbound-esp-packets-failed-on-authentication>
<histogram>
  histogram
</histogram>
<ahnames-none>
  ahnames-none
</ahnames-none>
<ahnames-hmac-md5>
  ahnames-hmac-md5
</ahnames-hmac-md5>
<ahnames-hmac-sha1>
  ahnames-hmac-sha1
</ahnames-hmac-sha1>
<ahnames-md5>
  ahnames-md5
</ahnames-md5>
<ahnames-sha>
  ahnames-sha
</ahnames-sha>
<ahnames-null>
  ahnames-null
</ahnames-null>
<ahnames-hmac-sha2-256>
  ahnames-hmac-sha2-256
</ahnames-hmac-sha2-256>
<ahnames-hmac-sha2-384>
  ahnames-hmac-sha2-384
</ahnames-hmac-sha2-384>
<ahnames-hmac-sha2-512>
  ahnames-hmac-sha2-512
</ahnames-hmac-sha2-512>
<ahnames-hmac-ripemd160>
  ahnames-hmac-ripemd160
</ahnames-hmac-ripemd160>
<ahnames-aes-xcbc-mac>
  ahnames-aes-xcbc-mac
</ahnames-aes-xcbc-mac>
<espnames-none>
  espnames-none
</espnames-none>
<espnames-des-cbc>
  espnames-des-cbc
</espnames-des-cbc>
<espnames-3des-cbc>
  espnames-3des-cbc
</espnames-3des-cbc>
<espnames-null>
  espnames-null
</espnames-null>
<espnames-cast128-cbc>
  espnames-cast128-cbc
</espnames-cast128-cbc>
<espnames-blowfish-cbc>
```



```

    espnames-blowfish-cbc
  </espnames-blowfish-cbc>
  <espnames-rijndael-cbc>
    espnames-rijndael-cbc
  </espnames-rijndael-cbc>
  <espnames-aes-ctr>
    espnames-aes-ctr
  </espnames-aes-ctr>
  <compnames-none>
    compnames-none
  </compnames-none>
  <compnames-oui>
    compnames-oui
  </compnames-oui>
  <compnames-deflate>
    compnames-deflate
  </compnames-deflate>
  <compnames-lzs>
    compnames-lzs
  </compnames-lzs>
  <protocol>
    protocol
  </protocol>
  <outbound-packets-processed-successfully>
    outbound-packets-processed-successfully
  </outbound-packets-processed-successfully>
  <outbound-packets-violated-process-security-policy>
    outbound-packets-violated-process-security-policy
  </outbound-packets-violated-process-security-policy>
  <outbound-packets-with-no-sa-available>
    outbound-packets-with-no-sa-available
  </outbound-packets-with-no-sa-available>
  <invalid-outbound-packets>
    invalid-outbound-packets
  </invalid-outbound-packets>
  <outbound-packets-failed-due-to-insufficient-memory>
    outbound-packets-failed-due-to-insufficient-memory
  </outbound-packets-failed-due-to-insufficient-memory>
  <outbound-packets-with-no-route>
    outbound-packets-with-no-route
  </outbound-packets-with-no-route>
  <spd-cache-lookups>
    spd-cache-lookups
  </spd-cache-lookups>
  <spd-cache-misses>
    spd-cache-misses
  </spd-cache-misses>
</ipsec>
</statistics>

```

Description

<ipsec6>

Usage

```

<statistics>
  <ipsec6>
    <inbound-packets-processed-successfully>
      inbound-packets-processed-successfully
    </inbound-packets-processed-successfully>
    <inbound-packets-violated-process-security-policy>
      inbound-packets-violated-process-security-policy
    </inbound-packets-violated-process-security-policy>
    <inbound-packets-with-no-sa-available>
      inbound-packets-with-no-sa-available
    </inbound-packets-with-no-sa-available>
    <invalid-inbound-packets>
      invalid-inbound-packets
    </invalid-inbound-packets>
    <inbound-packets-failed-due-to-insufficient-memory>
      inbound-packets-failed-due-to-insufficient-memory
    </inbound-packets-failed-due-to-insufficient-memory>
    <inbound-packets-failed-getting-spi>
      inbound-packets-failed-getting-spi
    </inbound-packets-failed-getting-spi>
    <inbound-packets-failed-on-ah-replay-check>
      inbound-packets-failed-on-ah-replay-check
    </inbound-packets-failed-on-ah-replay-check>
    <inbound-packets-failed-on-esp-replay-check>
      inbound-packets-failed-on-esp-replay-check
    </inbound-packets-failed-on-esp-replay-check>
    <inbound-packets-considered-authentic>
      inbound-packets-considered-authentic
    </inbound-packets-considered-authentic>
    <inbound-packets-failed-on-authentication>
      inbound-packets-failed-on-authentication
    </inbound-packets-failed-on-authentication>
    <inbound-esp-packets-considered-authentic>
      inbound-esp-packets-considered-authentic
    </inbound-esp-packets-considered-authentic>
    <inbound-esp-packets-failed-on-authentication>
      inbound-esp-packets-failed-on-authentication
    </inbound-esp-packets-failed-on-authentication>
    <histogram>
      histogram
    </histogram>
    <ahnames-none>
      ahnames-none
    </ahnames-none>
    <ahnames-hmac-md5>
      ahnames-hmac-md5
    </ahnames-hmac-md5>
    <ahnames-hmac-sha1>
      ahnames-hmac-sha1
    </ahnames-hmac-sha1>
    <ahnames-md5>
      ahnames-md5
  </ipsec6>
</statistics>

```

```
</ahnames-md5>
<ahnames-sha>
  ahnames-sha
</ahnames-sha>
<ahnames-null>
  ahnames-null
</ahnames-null>
<ahnames-hmac-sha2-256>
  ahnames-hmac-sha2-256
</ahnames-hmac-sha2-256>
<ahnames-hmac-sha2-384>
  ahnames-hmac-sha2-384
</ahnames-hmac-sha2-384>
<ahnames-hmac-sha2-512>
  ahnames-hmac-sha2-512
</ahnames-hmac-sha2-512>
<ahnames-hmac-ripemd160>
  ahnames-hmac-ripemd160
</ahnames-hmac-ripemd160>
<ahnames-aes-xcbc-mac>
  ahnames-aes-xcbc-mac
</ahnames-aes-xcbc-mac>
<espnames-none>
  espnames-none
</espnames-none>
<espnames-des-cbc>
  espnames-des-cbc
</espnames-des-cbc>
<espnames-3des-cbc>
  espnames-3des-cbc
</espnames-3des-cbc>
<espnames-null>
  espnames-null
</espnames-null>
<espnames-cast128-cbc>
  espnames-cast128-cbc
</espnames-cast128-cbc>
<espnames-blowfish-cbc>
  espnames-blowfish-cbc
</espnames-blowfish-cbc>
<espnames-rijndael-cbc>
  espnames-rijndael-cbc
</espnames-rijndael-cbc>
<espnames-aes-ctr>
  espnames-aes-ctr
</espnames-aes-ctr>
<compnames-none>
  compnames-none
</compnames-none>
<compnames-oui>
  compnames-oui
</compnames-oui>
<compnames-deflate>
  compnames-deflate
</compnames-deflate>
<compnames-lzs>
```

```
    compnames-lzs
  </compnames-lzs>
  <proto>
    proto
  </proto>
  <outbound-packets-processed-successfully>
    outbound-packets-processed-successfully
  </outbound-packets-processed-successfully>
  <outbound-packets-violated-process-security-policy>
    outbound-packets-violated-process-security-policy
  </outbound-packets-violated-process-security-policy>
  <outbound-packets-with-no-sa-available>
    outbound-packets-with-no-sa-available
  </outbound-packets-with-no-sa-available>
  <invalid-outbound-packets>
    invalid-outbound-packets
  </invalid-outbound-packets>
  <outbound-packets-failed-due-to-insufficient-memory>
    outbound-packets-failed-due-to-insufficient-memory
  </outbound-packets-failed-due-to-insufficient-memory>
  <outbound-packets-with-no-route>
    outbound-packets-with-no-route
  </outbound-packets-with-no-route>
  <spd-cache-lookups>
    spd-cache-lookups
  </spd-cache-lookups>
  <spd-cache-misses>
    spd-cache-misses
  </spd-cache-misses>
</ipsec6>
</statistics>
```

Description

<mpls>

Usage

```
<statistics>
  <mpls>
    <total-mpls-packets-received>
      total-mpls-packets-received
    </total-mpls-packets-received>
    <packets-forwarded>
      packets-forwarded
    </packets-forwarded>
    <packets-dropped>
      packets-dropped
    </packets-dropped>
    <packets-with-header-too-small>
      packets-with-header-too-small
    </packets-with-header-too-small>
    <after-tagging-packets-can-not-fit-link-mtu>
      after-tagging-packets-can-not-fit-link-mtu
    </after-tagging-packets-can-not-fit-link-mtu>
    <packets-with-ipv4-explicit-null-tag>
```

```

    packets-with-ipv4-explicit-null-tag
  </packets-with-ipv4-explicit-null-tag>
  <packets-with-ipv4-explicit-null-checksum-errors>
    packets-with-ipv4-explicit-null-checksum-errors
  </packets-with-ipv4-explicit-null-checksum-errors>
  <packets-with-router-alert-tag>
    packets-with-router-alert-tag
  </packets-with-router-alert-tag>
  <lsp-ping-packets>
    lsp-ping-packets
  </lsp-ping-packets>
  <packets-with-ttl-expired>
    packets-with-ttl-expired
  </packets-with-ttl-expired>
  <packets-with-tag-encoding-error>
    packets-with-tag-encoding-error
  </packets-with-tag-encoding-error>
  <packets-discarded-due-to-no-route>
    packets-discarded-due-to-no-route
  </packets-discarded-due-to-no-route>
  <packets-used-first-nexthop-in-ecmp-unilist>
    packets-used-first-nexthop-in-ecmp-unilist
  </packets-used-first-nexthop-in-ecmp-unilist>
</mpls>
</statistics>

```

Description

<pfkey>

Usage

```

<statistics>
  <pfkey>
    <requests-sent-from-userland>
      requests-sent-from-userland
    </requests-sent-from-userland>
    <bytes-sent-from-userland>
      bytes-sent-from-userland
    </bytes-sent-from-userland>
    <histogram>
      histogram
    </histogram>
    <reserved>
      reserved
    </reserved>
    <getspi>
      getspi
    </getspi>
    <update>
      update
    </update>
    <add>
      add
    </add>
    <delete>

```

```
    delete
  </delete>
  <get>
    get
  </get>
  <acquire>
    acquire
  </acquire>
  <register>
    register
  </register>
  <expire>
    expire
  </expire>
  <flush>
    flush
  </flush>
  <dump>
    dump
  </dump>
  <x-promisc>
    x-promisc
  </x-promisc>
  <x-pchange>
    x-pchange
  </x-pchange>
  <x-spddupdate>
    x-spddupdate
  </x-spddupdate>
  <x-spddadd>
    x-spddadd
  </x-spddadd>
  <x-spdddelete>
    x-spdddelete
  </x-spdddelete>
  <x-spddget>
    x-spddget
  </x-spddget>
  <x-spddacquire>
    x-spddacquire
  </x-spddacquire>
  <x-spdddump>
    x-spdddump
  </x-spdddump>
  <x-spddflush>
    x-spddflush
  </x-spddflush>
  <x-spddsetidx>
    x-spddsetidx
  </x-spddsetidx>
  <x-spddexpire>
    x-spddexpire
  </x-spddexpire>
  <x-spdddelete2>
    x-spdddelete2
  </x-spdddelete2>
```

```

<messages-with-invalid-length-field>
  messages-with-invalid-length-field
</messages-with-invalid-length-field>
<messages-with-invalid-version-field>
  messages-with-invalid-version-field
</messages-with-invalid-version-field>
<messages-with-invalid-message-type-field>
  messages-with-invalid-message-type-field
</messages-with-invalid-message-type-field>
<messages-too-short>
  messages-too-short
</messages-too-short>
<outgoing-messages-with-memory-allocation-failure>
  outgoing-messages-with-memory-allocation-failure
</outgoing-messages-with-memory-allocation-failure>
<messages-with-duplicate-extension>
  messages-with-duplicate-extension
</messages-with-duplicate-extension>
<messages-with-invalid-extension-type>
  messages-with-invalid-extension-type
</messages-with-invalid-extension-type>
<messages-with-invalid-sa-type>
  messages-with-invalid-sa-type
</messages-with-invalid-sa-type>
<messages-with-invalid-address-extension>
  messages-with-invalid-address-extension
</messages-with-invalid-address-extension>
<requests-sent-to-userland>
  requests-sent-to-userland
</requests-sent-to-userland>
<bytes-sent-to-userland>
  bytes-sent-to-userland
</bytes-sent-to-userland>
<messages-toward-single-socket>
  messages-toward-single-socket
</messages-toward-single-socket>
<messages-toward-all-sockets>
  messages-toward-all-sockets
</messages-toward-all-sockets>
<messages-toward-registered-sockets>
  messages-toward-registered-sockets
</messages-toward-registered-sockets>
<incoming-messages-with-memory-allocation-failure>
  incoming-messages-with-memory-allocation-failure
</incoming-messages-with-memory-allocation-failure>
</pfkey>
</statistics>

```

Description

<raw-interface>

Usage

```

<statistics>
  <raw-interface>

```

```
<raw-packets-transmitted>
  raw-packets-transmitted
</raw-packets-transmitted>
<ppoe-packets-transmitted>
  ppo-e-packets-transmitted
</ppoe-packets-transmitted>
<isdn-packets-transmitted>
  isdn-packets-transmitted
</isdn-packets-transmitted>
<dialer-packets-transmitted>
  dialer-packets-transmitted
</dialer-packets-transmitted>
<ppp-packets-transmitted-to-pppd>
  ppp-packets-transmitted-to-pppd
</ppp-packets-transmitted-to-pppd>
<ppp-packets-transmitted-to-jppd>
  ppp-packets-transmitted-to-jppd
</ppp-packets-transmitted-to-jppd>
<igmp2-packets-transmitted>
  igmp2-packets-transmitted
</igmp2-packets-transmitted>
<stp-packets-transmitted>
  stp-packets-transmitted
</stp-packets-transmitted>
<output-drops-due-to-transmit-error>
  output-drops-due-to-transmit-error
</output-drops-due-to-transmit-error>
<mpu-packets-transmitted>
  mpu-packets-transmitted
</mpu-packets-transmitted>
<pppoe-packets-received>
  pppoe-packets-received
</pppoe-packets-received>
<isdn-packets-received>
  isdn-packets-received
</isdn-packets-received>
<dialer-packets-received>
  dialer-packets-received
</dialer-packets-received>
<ppp-packets-received-from-pppd>
  ppp-packets-received-from-pppd
</ppp-packets-received-from-pppd>
<mpu-packets-received>
  mpu-packets-received
</mpu-packets-received>
<ppp-packets-received-from-jppd>
  ppp-packets-received-from-jppd
</ppp-packets-received-from-jppd>
<igmp2-packets-received>
  igmp2-packets-received
</igmp2-packets-received>
<stp-packets-received>
  stp-packets-received
</stp-packets-received>
<stp-packets-dropped>
  stp-packets-dropped
```



```

</stp-packets-dropped>
<input-drops-due-to-bogus-protocol>
  input-drops-due-to-bogus-protocol
</input-drops-due-to-bogus-protocol>
<input-drops-due-to-no-mbufs-available>
  input-drops-due-to-no-mbufs-available
</input-drops-due-to-no-mbufs-available>
<input-drops-due-to-no-space-in-socket>
  input-drops-due-to-no-space-in-socket
</input-drops-due-to-no-space-in-socket>
<input-drops-due-to-no-socket>
  input-drops-due-to-no-socket
</input-drops-due-to-no-socket>
</raw-interface>
</statistics>

```

Description

<rdp>

Usage

```

<statistics>
<rdp>
  <input-packets>
    input-packets
  </input-packets>
  <packets-discarded-for-bad-checksum>
    packets-discarded-for-bad-checksum
  </packets-discarded-for-bad-checksum>
  <packets-discarded-due-to-bad-sequence-number>
    packets-discarded-due-to-bad-sequence-number
  </packets-discarded-due-to-bad-sequence-number>
  <refused-connections>
    refused-connections
  </refused-connections>
  <acks-received>
    acks-received
  </acks-received>
  <packets-dropped-due-to-full-socket-buffers>
    packets-dropped-due-to-full-socket-buffers
  </packets-dropped-due-to-full-socket-buffers>
  <retransmits>
    retransmits
  </retransmits>
  <output-packets>
    output-packets
  </output-packets>
  <acks-sent>
    acks-sent
  </acks-sent>
  <connects>
    connects
  </connects>
  <closes>
    closes

```

```
</closes>
<keepalives-received>
  keepalives-received
</keepalives-received>
<keepalives-sent>
  keepalives-sent
</keepalives-sent>
</rdp>
</statistics>
```

Description

<statistics>

Usage

```
<statistics>
  <tcp>....</tcp>
  <udp>....</udp>
  <ip>....</ip>
  <icmp>....</icmp>
  <igmp>....</igmp>
  <ipsec>....</ipsec>
  <raw-interface>....</raw-interface>
  <arp>....</arp>
  <ip6>....</ip6>
  <icmp6>....</icmp6>
  <ipsec6>....</ipsec6>
  <pfkey>....</pfkey>
  <clnl>....</clnl>
  <esis>....</esis>
  <tnp>....</tnp>
  <rdp>....</rdp>
  <tudp>....</tudp>
  <ttp>....</ttp>
  <mpls>....</mpls>
  <vpls>....</vpls>
  <bridge>....</bridge>
  <ethoamcfm>....</ethoamcfm>
  <ethoamlfm>....</ethoamlfm>
</statistics>
```

Description

<tcp>

Usage

```
<statistics>
  <tcp>
    <packets-sent>
      packets-sent
    </packets-sent>
    <sent-data-packets>
      sent-data-packets
    </sent-data-packets>
```

```
<data-packets-bytes>
  data-packets-bytes
</data-packets-bytes>
<sent-data-packets-retransmitted>
  sent-data-packets-retransmitted
</sent-data-packets-retransmitted>
<retransmitted-bytes>
  retransmitted-bytes
</retransmitted-bytes>
<sent-resends-by-mtu-discovery>
  sent-resends-by-mtu-discovery
</sent-resends-by-mtu-discovery>
<sent-ack-only-packets>
  sent-ack-only-packets
</sent-ack-only-packets>
<sent-packets-delayed>
  sent-packets-delayed
</sent-packets-delayed>
<sent-urg-only-packets>
  sent-urg-only-packets
</sent-urg-only-packets>
<sent-window-probe-packets>
  sent-window-probe-packets
</sent-window-probe-packets>
<sent-window-update-packets>
  sent-window-update-packets
</sent-window-update-packets>
<sent-control-packets>
  sent-control-packets
</sent-control-packets>
<packets-received>
  packets-received
</packets-received>
<received-acks>
  received-acks
</received-acks>
<acks-bytes>
  acks-bytes
</acks-bytes>
<received-duplicate-acks>
  received-duplicate-acks
</received-duplicate-acks>
<received-acks-for-unsent-data>
  received-acks-for-unsent-data
</received-acks-for-unsent-data>
<packets-received-in-sequence>
  packets-received-in-sequence
</packets-received-in-sequence>
<in-sequence-bytes>
  in-sequence-bytes
</in-sequence-bytes>
<received-completely-duplicate-packet>
  received-completely-duplicate-packet
</received-completely-duplicate-packet>
<duplicate-in-bytes>
  duplicate-in-bytes
```

```
</duplicate-in-bytes>
<received-old-duplicate-packets>
  received-old-duplicate-packets
</received-old-duplicate-packets>
<received-packets-with-some-duplicate-data>
  received-packets-with-some-duplicate-data
</received-packets-with-some-duplicate-data>
<some-duplicate-in-bytes>
  some-duplicate-in-bytes
</some-duplicate-in-bytes>
<received-out-of-order-packets>
  received-out-of-order-packets
</received-out-of-order-packets>
<out-of-order-in-bytes>
  out-of-order-in-bytes
</out-of-order-in-bytes>
<received-packets-of-data-after-window>
  received-packets-of-data-after-window
</received-packets-of-data-after-window>
<bytes>
  bytes
</bytes>
<received-window-probes>
  received-window-probes
</received-window-probes>
<received-window-update-packets>
  received-window-update-packets
</received-window-update-packets>
<packets-received-after-close>
  packets-received-after-close
</packets-received-after-close>
<received-discarded-for-bad-checksum>
  received-discarded-for-bad-checksum
</received-discarded-for-bad-checksum>
<received-discarded-for-bad-header-offset>
  received-discarded-for-bad-header-offset
</received-discarded-for-bad-header-offset>
<received-discarded-because-packet-too-short>
  received-discarded-because-packet-too-short
</received-discarded-because-packet-too-short>
<connection-requests>
  connection-requests
</connection-requests>
<connection-accepts>
  connection-accepts
</connection-accepts>
<bad-connection-attempts>
  bad-connection-attempts
</bad-connection-attempts>
<listen-queue-overflows>
  listen-queue-overflows
</listen-queue-overflows>
<connections-established>
  connections-established
</connections-established>
<connections-closed>
```

```
connections-closed
</connections-closed>
<drops>
  drops
</drops>
<connections-updated-rtt-on-close>
  connections-updated-rtt-on-close
</connections-updated-rtt-on-close>
<connections-updated-variance-on-close>
  connections-updated-variance-on-close
</connections-updated-variance-on-close>
<connections-updated-ssthresh-on-close>
  connections-updated-ssthresh-on-close
</connections-updated-ssthresh-on-close>
<embryonic-connections-dropped>
  embryonic-connections-dropped
</embryonic-connections-dropped>
<segments-updated-rtt>
  segments-updated-rtt
</segments-updated-rtt>
<attempts>
  attempts
</attempts>
<retransmit-timeouts>
  retransmit-timeouts
</retransmit-timeouts>
<connections-dropped-by-retransmit-timeout>
  connections-dropped-by-retransmit-timeout
</connections-dropped-by-retransmit-timeout>
<persist-timeouts>
  persist-timeouts
</persist-timeouts>
<connections-dropped-by-persist-timeout>
  connections-dropped-by-persist-timeout
</connections-dropped-by-persist-timeout>
<keepalive-timeouts>
  keepalive-timeouts
</keepalive-timeouts>
<keepalive-probes-sent>
  keepalive-probes-sent
</keepalive-probes-sent>
<keepalive-connections-dropped>
  keepalive-connections-dropped
</keepalive-connections-dropped>
<ack-header-predictions>
  ack-header-predictions
</ack-header-predictions>
<data-packet-header-predictions>
  data-packet-header-predictions
</data-packet-header-predictions>
<syncache-entries-added>
  syncache-entries-added
</syncache-entries-added>
<retransmitted>
  retransmitted
</retransmitted>
```

```
<dupsyn>
  dupsyn
</dupsyn>
<dropped>
  dropped
</dropped>
<completed>
  completed
</completed>
<bucket-overflow>
  bucket-overflow
</bucket-overflow>
<cache-overflow>
  cache-overflow
</cache-overflow>
<reset>
  reset
</reset>
<stale>
  stale
</stale>
<aborted>
  aborted
</aborted>
<badack>
  badack
</badack>
<unreach>
  unreach
</unreach>
<zone-failures>
  zone-failures
</zone-failures>
<cookies-sent>
  cookies-sent
</cookies-sent>
<cookies-received>
  cookies-received
</cookies-received>
<sack-recovery-episodes>
  sack-recovery-episodes
</sack-recovery-episodes>
<segment-retransmits>
  segment-retransmits
</segment-retransmits>
<byte-retransmits>
  byte-retransmits
</byte-retransmits>
<sack-options-received>
  sack-options-received
</sack-options-received>
<sack-opitions-sent>
  sack-opitions-sent
</sack-opitions-sent>
<sack-scoreboard-overflow>
  sack-scoreboard-overflow
```

```

</sack-scoreboard-overflow>
<acks-sent-in-response-but-not-exact-rsts>
  acks-sent-in-response-but-not-exact-rsts
</acks-sent-in-response-but-not-exact-rsts>
<acks-sent-in-response-to-syns-on-established-connections>
  acks-sent-in-response-to-syns-on-established-connections
</acks-sent-in-response-to-syns-on-established-connections>
<rcv-packets-dropped-due-to-bad-address>
  rcv-packets-dropped-due-to-bad-address
</rcv-packets-dropped-due-to-bad-address>
<out-of-sequence-segment-drops>
  out-of-sequence-segment-drops
</out-of-sequence-segment-drops>
<rst-packets>
  rst-packets
</rst-packets>
<icmp-packets-ignored>
  icmp-packets-ignored
</icmp-packets-ignored>
<send-packets-dropped>
  send-packets-dropped
</send-packets-dropped>
<rcv-packets-dropped>
  rcv-packets-dropped
</rcv-packets-dropped>
<outgoing-segments-dropped>
  outgoing-segments-dropped
</outgoing-segments-dropped>
</tcp>
</statistics>

```

Description

<tnp>

Usage

```

<statistics>
  <tnp>
    <unicast-packets-received>
      unicast-packets-received
    </unicast-packets-received>
    <broadcast-packets-received>
      broadcast-packets-received
    </broadcast-packets-received>
    <fragmented-packets-received>
      fragmented-packets-received
    </fragmented-packets-received>
    <received-hello-packets-dropped>
      received-hello-packets-dropped
    </received-hello-packets-dropped>
    <received-fragments-dropped>
      received-fragments-dropped
    </received-fragments-dropped>
    <fragment-reassembly-queue-flushes>
      fragment-reassembly-queue-flushes
  </tnp>
</statistics>

```

```
</fragment-reassembly-queue-flushes>
<packets-with-tnp-src-address-collision-received>
  packets-with-tnp-src-address-collision-received
</packets-with-tnp-src-address-collision-received>
<hello-packets-received>
  hello-packets-received
</hello-packets-received>
<control-packets-received>
  control-packets-received
</control-packets-received>
<rdp-packets-received>
  rdp-packets-received
</rdp-packets-received>
<udp-packets-received>
  udp-packets-received
</udp-packets-received>
<tunnel-packets-received>
  tunnel-packets-received
</tunnel-packets-received>
<input-packets-discarded-with-no-protocol>
  input-packets-discarded-with-no-protocol
</input-packets-discarded-with-no-protocol>
<packets-of-version-unspecified-received>
  packets-of-version-unspecified-received
</packets-of-version-unspecified-received>
<packets-of-version1-received>
  packets-of-version1-received
</packets-of-version1-received>
<packets-of-version2-received>
  packets-of-version2-received
</packets-of-version2-received>
<packets-of-version3-received>
  packets-of-version3-received
</packets-of-version3-received>
<unicast-packets-sent>
  unicast-packets-sent
</unicast-packets-sent>
<broadcast-packets-sent>
  broadcast-packets-sent
</broadcast-packets-sent>
<fragmented-packets-sent>
  fragmented-packets-sent
</fragmented-packets-sent>
<sent-hello-packets-dropped>
  sent-hello-packets-dropped
</sent-hello-packets-dropped>
<sent-fragments-dropped>
  sent-fragments-dropped
</sent-fragments-dropped>
<hello-packets-sent>
  hello-packets-sent
</hello-packets-sent>
<control-packets-sent>
  control-packets-sent
</control-packets-sent>
<rdp-packets-sent>
```



```

    rdp-packets-sent
  </rdp-packets-sent>
  <udp-packets-sent>
    udp-packets-sent
  </udp-packets-sent>
  <tunnel-packets-sent>
    tunnel-packets-sent
  </tunnel-packets-sent>
  <packets-sent-with-unknown-protocol>
    packets-sent-with-unknown-protocol
  </packets-sent-with-unknown-protocol>
  <packets-of-version-unspecified-sent>
    packets-of-version-unspecified-sent
  </packets-of-version-unspecified-sent>
  <packets-of-version1-sent>
    packets-of-version1-sent
  </packets-of-version1-sent>
  <packets-of-version2-sent>
    packets-of-version2-sent
  </packets-of-version2-sent>
  <packets-of-version3-sent>
    packets-of-version3-sent
  </packets-of-version3-sent>
</tnp>
</statistics>

```

Description

<ttp>

Usage

```

<statistics>
  <ttp>
    <ttp-packets-sent>
      ttp-packets-sent
    </ttp-packets-sent>
    <packets-sent-while-unconnected>
      packets-sent-while-unconnected
    </packets-sent-while-unconnected>
    <packets-sent-while-interface-down>
      packets-sent-while-interface-down
    </packets-sent-while-interface-down>
    <packets-sent-could-not-get-buffer>
      packets-sent-could-not-get-buffer
    </packets-sent-could-not-get-buffer>
    <packets-sent-could-not-find-neighbor>
      packets-sent-could-not-find-neighbor
    </packets-sent-could-not-find-neighbor>
    <l2-packets-received>
      l2-packets-received
    </l2-packets-received>
    <unknown-l3-packets-received>
      unknown-l3-packets-received
    </unknown-l3-packets-received>
    <ipv4-l3-packets-received>

```

```
    ipv4-l3-packets-received
  </ipv4-l3-packets-received>
  <mpls-l3-packets-received>
    mpls-l3-packets-received
  </mpls-l3-packets-received>
  <mpls-to-ipv4-l3-packets-received>
    mpls-to-ipv4-l3-packets-received
  </mpls-to-ipv4-l3-packets-received>
  <ipv4-to-mpls-l3-packets-received>
    ipv4-to-mpls-l3-packets-received
  </ipv4-to-mpls-l3-packets-received>
  <ipv6-l3-packets-received>
    ipv6-l3-packets-received
  </ipv6-l3-packets-received>
  <arp-l3-packets-received>
    arp-l3-packets-received
  </arp-l3-packets-received>
  <clnp-l3-packets-received>
    clnp-l3-packets-received
  </clnp-l3-packets-received>
  <tnp-l3-packets-received>
    tnp-l3-packets-received
  </tnp-l3-packets-received>
  <null-l3-packets-received>
    null-l3-packets-received
  </null-l3-packets-received>
  <cyclotron-cycle-l3-packets-received>
    cyclotron-cycle-l3-packets-received
  </cyclotron-cycle-l3-packets-received>
  <cyclotron-send-l3-packets-received>
    cyclotron-send-l3-packets-received
  </cyclotron-send-l3-packets-received>
  <packets-received-while-unconnected>
    packets-received-while-unconnected
  </packets-received-while-unconnected>
  <packets-received-from-unknown-ifl>
    packets-received-from-unknown-ifl
  </packets-received-from-unknown-ifl>
  <input-packets-could-not-get-buffer>
    input-packets-could-not-get-buffer
  </input-packets-could-not-get-buffer>
  <input-packets-with-bad-type>
    input-packets-with-bad-type
  </input-packets-with-bad-type>
  <input-packets-with-discard-type>
    input-packets-with-discard-type
  </input-packets-with-discard-type>
  <input-packets-for-which-route-lookup-is-bypassed>
    input-packets-for-which-route-lookup-is-bypassed
  </input-packets-for-which-route-lookup-is-bypassed>
</ttp>
</statistics>
```

Description

<tudp>**Usage**

```

<statistics>
  <tudp>
    <datagrams-received>
      datagrams-received
    </datagrams-received>
    <datagrams-with-incomplete-header>
      datagrams-with-incomplete-header
    </datagrams-with-incomplete-header>
    <datagrams-with-bad-data-length-field>
      datagrams-with-bad-data-length-field
    </datagrams-with-bad-data-length-field>
    <datagrams-with-bad-checksum>
      datagrams-with-bad-checksum
    </datagrams-with-bad-checksum>
    <datagrams-dropped-due-to-no-socket>
      datagrams-dropped-due-to-no-socket
    </datagrams-dropped-due-to-no-socket>
    <broadcast-or-multicast-datagrams-dropped-due-to-no-socket>
      broadcast-or-multicast-datagrams-dropped-due-to-no-socket
    </broadcast-or-multicast-datagrams-dropped-due-to-no-socket>
    <datagrams-dropped-due-to-full-socket-buffers>
      datagrams-dropped-due-to-full-socket-buffers
    </datagrams-dropped-due-to-full-socket-buffers>
    <delivered>
      delivered
    </delivered>
    <datagrams-output>
      datagrams-output
    </datagrams-output>
  </tudp>
</statistics>

```

Description**<udp>****Usage**

```

<statistics>
  <udp>
    <datagrams-received>
      datagrams-received
    </datagrams-received>
    <datagrams-with-incomplete-header>
      datagrams-with-incomplete-header
    </datagrams-with-incomplete-header>
    <datagrams-with-bad-datalength-field>
      datagrams-with-bad-datalength-field
    </datagrams-with-bad-datalength-field>
    <datagrams-with-bad-checksum>
      datagrams-with-bad-checksum
    </datagrams-with-bad-checksum>
    <datagrams-dropped-due-to-no-socket>

```

```

    datagrams-dropped-due-to-no-socket
  </datagrams-dropped-due-to-no-socket>
  <broadcast-or-multicast-datagrams-dropped-due-to-no-socket>
    broadcast-or-multicast-datagrams-dropped-due-to-no-socket
  </broadcast-or-multicast-datagrams-dropped-due-to-no-socket>
  <datagrams-dropped-due-to-full-socket-buffers>
    datagrams-dropped-due-to-full-socket-buffers
  </datagrams-dropped-due-to-full-socket-buffers>
  <datagrams-not-for-hashed-pcb>
    datagrams-not-for-hashed-pcb
  </datagrams-not-for-hashed-pcb>
  <datagrams-delivered>
    datagrams-delivered
  </datagrams-delivered>
  <datagrams-output>
    datagrams-output
  </datagrams-output>
</udp>
</statistics>

```

Description

<vpls>

Usage

```

<statistics>
  <vpls>
    <total-packets-received>
      total-packets-received
    </total-packets-received>
    <vpls-packets-with-size-smaller-than-minimum>
      vpls-packets-with-size-smaller-than-minimum
    </vpls-packets-with-size-smaller-than-minimum>
    <vpls-packets-with-incorrect-version-number>
      vpls-packets-with-incorrect-version-number
    </vpls-packets-with-incorrect-version-number>
    <vpls-packets-for-this-host>
      vpls-packets-for-this-host
    </vpls-packets-for-this-host>
    <packets-with-no-logical-interface>
      packets-with-no-logical-interface
    </packets-with-no-logical-interface>
    <packets-with-no-family>
      packets-with-no-family
    </packets-with-no-family>
    <packets-with-no-route-table>
      packets-with-no-route-table
    </packets-with-no-route-table>
    <packets-with-no-auxiliary-table>
      packets-with-no-auxiliary-table
    </packets-with-no-auxiliary-table>
    <packets-with-no-corefacing-entry>
      packets-with-no-corefacing-entry
    </packets-with-no-corefacing-entry>
    <packets-with-no-ce-facing-entry>

```

```
    packets-with-no-ce-facing-entry
  </packets-with-no-ce-facing-entry>
  <mac-route-learning-requests>
    mac-route-learning-requests
  </mac-route-learning-requests>
  <mac-routes-learned>
    mac-routes-learned
  </mac-routes-learned>
  <requests-to-learn-an-existing-route>
    requests-to-learn-an-existing-route
  </requests-to-learn-an-existing-route>
  <learning-requests-while-learning-disabled-on-interface>
    learning-requests-while-learning-disabled-on-interface
  </learning-requests-while-learning-disabled-on-interface>
  <learning-requests-over-capacity>
    learning-requests-over-capacity
  </learning-requests-over-capacity>
  <mac-routes-moved>
    mac-routes-moved
  </mac-routes-moved>
  <requests-to-move-static-route>
    requests-to-move-static-route
  </requests-to-move-static-route>
  <mac-route-aging-requests>
    mac-route-aging-requests
  </mac-route-aging-requests>
  <mac-routes-aged>
    mac-routes-aged
  </mac-routes-aged>
  <bogus-address-in-aging-requests>
    bogus-address-in-aging-requests
  </bogus-address-in-aging-requests>
  <requests-to-age-static-route>
    requests-to-age-static-route
  </requests-to-age-static-route>
  <requests-to-re-ageout-aged-route>
    requests-to-re-ageout-aged-route
  </requests-to-re-ageout-aged-route>
  <requests-involving-multiple-peer-fes>
    requests-involving-multiple-peer-fes
  </requests-involving-multiple-peer-fes>
  <aging-acks-from-pfe>
    aging-acks-from-pfe
  </aging-acks-from-pfe>
  <aging-non-acks-from-pfe>
    aging-non-acks-from-pfe
  </aging-non-acks-from-pfe>
  <aging-requests-timed-out-waiting-on-fes>
    aging-requests-timed-out-waiting-on-fes
  </aging-requests-timed-out-waiting-on-fes>
  <aging-requests-over-max-rate>
    aging-requests-over-max-rate
  </aging-requests-over-max-rate>
  <errors-finding-peer-fes>
    errors-finding-peer-fes
  </errors-finding-peer-fes>
```

```
<unsupported-platform>
  unsupported-platform
</unsupported-platform>
<packets-dropped-due-to-no-l3-route-table>
  packets-dropped-due-to-no-l3-route-table
</packets-dropped-due-to-no-l3-route-table>
<packets-dropped-due-to-no-local-ifl>
  packets-dropped-due-to-no-local-ifl
</packets-dropped-due-to-no-local-ifl>
<packets-punted>
  packets-punted
</packets-punted>
<packets-dropped-due-to-no-socket>
  packets-dropped-due-to-no-socket
</packets-dropped-due-to-no-socket>
</vpls>
</statistics>
```

Description

Summary of Subscriber Management Response Tags

<subscriber-management-summary-information>

Usage

```
<subscriber-management-summary-information>
  <subscriber-management-gres>
    subscriber-management-gres
  </subscriber-management-gres>
  <subscriber-management-mastership>
    subscriber-management-mastership
  </subscriber-management-mastership>
  <subscriber-management-db>
    subscriber-management-db
  </subscriber-management-db>
  <no-information>
    no-information
  </no-information>
</subscriber-management-summary-information>
```

Description General state information about the Subscriber management status

Summary of Subscribers Response Tags

<counters>

Usage

```
<subscribers-summary-information>
  <counters>
    <session-total>
      session-total
    </session-total>
```

```
<session-state-init>
  session-state-init
</session-state-init>
<session-state-configured>
  session-state-configured
</session-state-configured>
<session-state-active>
  session-state-active
</session-state-active>
<session-state-terminating>
  session-state-terminating
</session-state-terminating>
<session-state-terminated>
  session-state-terminated
</session-state-terminated>
<session-state-unknown>
  session-state-unknown
</session-state-unknown>
<session-state-total>
  session-state-total
</session-state-total>
<session-type-none>
  session-type-none
</session-type-none>
<session-type-dhcp>
  session-type-dhcp
</session-type-dhcp>
<session-type-vlan>
  session-type-vlan
</session-type-vlan>
<session-type-generic>
  session-type-generic
</session-type-generic>
<session-type-mobileip>
  session-type-mobileip
</session-type-mobileip>
<session-type-vpls-pw>
  session-type-vpls-pw
</session-type-vpls-pw>
<session-type-ppp>
  session-type-ppp
</session-type-ppp>
<session-type-pppoe>
  session-type-pppoe
</session-type-pppoe>
<session-type-l2tp>
  session-type-l2tp
</session-type-l2tp>
<session-type-static>
  session-type-static
</session-type-static>
<session-type-mlppp>
  session-type-mlppp
</session-type-mlppp>
<session-type-xauth>
  session-type-xauth
```

```
</session-type-xauth>
<session-type-fwauth>
  session-type-fwauth
</session-type-fwauth>
<session-type-dot1x>
  session-type-dot1x
</session-type-dot1x>
<session-type-unknown>
  session-type-unknown
</session-type-unknown>
<session-type-total>
  session-type-total
</session-type-total>
<ifl-type-none>
  ifl-type-none
</ifl-type-none>
<ifl-type-static>
  ifl-type-static
</ifl-type-static>
<ifl-type-dynamic>
  ifl-type-dynamic
</ifl-type-dynamic>
<ifl-type-unknown>
  ifl-type-unknown
</ifl-type-unknown>
<config-bit-interface>
  config-bit-interface
</config-bit-interface>
<config-bit-inet>
  config-bit-inet
</config-bit-inet>
<config-bit-inet-filter>
  config-bit-inet-filter
</config-bit-inet-filter>
<config-bit-inet-service>
  config-bit-inet-service
</config-bit-inet-service>
<config-bit-routing-instance>
  config-bit-routing-instance
</config-bit-routing-instance>
<config-bit-routing-options>
  config-bit-routing-options
</config-bit-routing-options>
<config-bit-igmp>
  config-bit-igmp
</config-bit-igmp>
<config-bit-cos>
  config-bit-cos
</config-bit-cos>
<config-bit-inet6>
  config-bit-inet6
</config-bit-inet6>
<config-bit-inet6-filter>
  config-bit-inet6-filter
</config-bit-inet6-filter>
<config-bit-inet6-service>
```



```

    config-bit-inet6-service
  </config-bit-inet6-service>
  <config-bit-mld>
    config-bit-mld
  </config-bit-mld>
  <config-bit-li>
    config-bit-li
  </config-bit-li>
  <config-bit-ra>
    config-bit-ra
  </config-bit-ra>
  <config-bit-ifl-filter>
    config-bit-ifl-filter
  </config-bit-ifl-filter>
  <config-bit-access-internal>
    config-bit-access-internal
  </config-bit-access-internal>
  <config-bit-iflset>
    config-bit-iflset
  </config-bit-iflset>
  <config-bit-vpls>
    config-bit-vpls
  </config-bit-vpls>
  <config-bit-unknown>
    config-bit-unknown
  </config-bit-unknown>
  <lsri-name>
    lsri-name
  </lsri-name>
  <lsri-count>
    lsri-count
  </lsri-count>
  <lsri-total>
    lsri-total
  </lsri-total>
</counters>
</subscribers-summary-information>

```

Description Session Summary

<error>

Usage

```

<subscribers-information>
  <error>
    <input-error-message>
      input-error-message
    </input-error-message>
  </error>
</subscribers-information>

```

Description

<subscriber>

Usage

```
<subscribers-information>
  <subscriber>
    <access-type>
      access-type
    </access-type>
    <user-name>
      user-name
    </user-name>
    <ip-address>
      ip-address
    </ip-address>
    <ip-netmask>
      ip-netmask
    </ip-netmask>
    <ipv6-address>
      ipv6-address
    </ipv6-address>
    <ipv6-network-prefix-length>
      ipv6-network-prefix-length
    </ipv6-network-prefix-length>
    <ipv6-prefix>
      ipv6-prefix
    </ipv6-prefix>
    <logical-system>
      logical-system
    </logical-system>
    <routing-instance>
      routing-instance
    </routing-instance>
    <interface>
      interface
    </interface>
    <interface-type>
      interface-type
    </interface-type>
    <stacked-vlan-id>
      stacked-vlan-id
    </stacked-vlan-id>
    <vlan-id>
      vlan-id
    </vlan-id>
    <profile>
      profile
    </profile>
    <mac-address>
      mac-address
    </mac-address>
    <login-time>
      login-time
    </login-time>
    <state>
      state
  </subscriber>
</subscribers-information>
```

```
</state>
<interface-set-name>
  interface-set-name
</interface-set-name>
<interface-set-type>
  interface-set-type
</interface-set-type>
<local-ip-address>
  local-ip-address
</local-ip-address>
<remote-ip-address>
  remote-ip-address
</remote-ip-address>
<ppp-state>
  ppp-state
</ppp-state>
<gw-address>
  gw-address
</gw-address>
<radius-accounting-id>
  radius-accounting-id
</radius-accounting-id>
<session-timeout>
  session-timeout
</session-timeout>
<idle-timeout>
  idle-timeout
</idle-timeout>
<agent-circuit-id>
  agent-circuit-id
</agent-circuit-id>
<agent-remote-id>
  agent-remote-id
</agent-remote-id>
<ipv4-input-filter-name>
  ipv4-input-filter-name
</ipv4-input-filter-name>
<ipv4-output-filter-name>
  ipv4-output-filter-name
</ipv4-output-filter-name>
<ipv6-input-filter-name>
  ipv6-input-filter-name
</ipv6-input-filter-name>
<ipv6-output-filter-name>
  ipv6-output-filter-name
</ipv6-output-filter-name>
<ifl-input-filter-name>
  ifl-input-filter-name
</ifl-input-filter-name>
<ifl-output-filter-name>
  ifl-output-filter-name
</ifl-output-filter-name>
<adv4-input-filter-name>
  adv4-input-filter-name
</adv4-input-filter-name>
<adv4-input-rule>
```

```
    advf4-input-rule
  </advf4-input-rule>
  <advf4-output-filter-name>
    advf4-output-filter-name
  </advf4-output-filter-name>
  <advf4-output-rule>
    advf4-output-rule
  </advf4-output-rule>
  <advf6-input-filter-name>
    advf6-input-filter-name
  </advf6-input-filter-name>
  <advf6-input-rule>
    advf6-input-rule
  </advf6-input-rule>
  <advf6-output-filter-name>
    advf6-output-filter-name
  </advf6-output-filter-name>
  <advf6-output-rule>
    advf6-output-rule
  </advf6-output-rule>
  <vpls-input-filter-name>
    vpls-input-filter-name
  </vpls-input-filter-name>
  <vpls-output-filter-name>
    vpls-output-filter-name
  </vpls-output-filter-name>
  <l2pol-input-filter-name>
    l2pol-input-filter-name
  </l2pol-input-filter-name>
  <l2pol-output-filter-name>
    l2pol-output-filter-name
  </l2pol-output-filter-name>
  <subscriber-id>
    subscriber-id
  </subscriber-id>
  <service-session-ids>
    service-session-ids
  </service-session-ids>
  <service-session-id>
    service-session-id
  </service-session-id>
  <service-session-name>
    service-session-name
  </service-session-name>
  <number-of-service-sessions>
    number-of-service-sessions
  </number-of-service-sessions>
  <number-of-subscribers>
    number-of-subscribers
  </number-of-subscribers>
  <number-of-active-subscribers>
    number-of-active-subscribers
  </number-of-active-subscribers>
  <private-data>
    private-data
  </private-data>
```

```
<hex-data>
  hex-data
</hex-data>
<no-attributes>
  no-attributes
</no-attributes>
</subscriber>
</subscribers-information>
```

Description Active subscriber

<subscribers-information>

Usage

```
<subscribers-information>
  <subscriber>....</subscriber>
  <error>....</error>
</subscribers-information>
```

Description Subscribers

<subscribers-summary-information>

Usage

```
<subscribers-summary-information>
  <counters>....</counters>
</subscribers-summary-information>
```

Description Summary

Summary of Graceful Switchover Response Tags

<configuration-state>

Usage

```
<configuration-state>
  <configuration-ready>
    configuration-ready
  </configuration-ready>
  <configuration-synchronizing>
    configuration-synchronizing
  </configuration-synchronizing>
  <configuration-synchronize-error>
    configuration-synchronize-error
  </configuration-synchronize-error>
</configuration-state>
```

Description

<configuration-state>

Usage

```
<switchover-information>
  <configuration-state>
    <configuration-ready>
      configuration-ready
    </configuration-ready>
    <configuration-synchronizing>
      configuration-synchronizing
    </configuration-synchronizing>
    <configuration-synchronize-error>
      configuration-synchronize-error
    </configuration-synchronize-error>
  </configuration-state>
</switchover-information>
```

Description

<configuration-state>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <switchover-information>
      <configuration-state>
        <configuration-ready>
          configuration-ready
        </configuration-ready>
        <configuration-synchronizing>
          configuration-synchronizing
        </configuration-synchronizing>
        <configuration-synchronize-error>
          configuration-synchronize-error
        </configuration-synchronize-error>
      </configuration-state>
    </switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<multi-routing-engine-item>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <re-name>
      re-name
    </re-name>
    <switchover-information>....</switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<multi-routing-engine-results>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>....</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<peer-transition-state>

Usage

```
<peer-transition-state>
  <peer-connected>
    peer-connected
  </peer-connected>
  <peer-in-steady-state>
    peer-in-steady-state
  </peer-in-steady-state>
</peer-transition-state>
```

Description

<peer-transition-state>

Usage

```
<switchover-information>
  <peer-transition-state>
    <peer-connected>
      peer-connected
    </peer-connected>
    <peer-in-steady-state>
      peer-in-steady-state
    </peer-in-steady-state>
  </peer-transition-state>
</switchover-information>
```

Description

<peer-transition-state>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <switchover-information>
      <peer-transition-state>
        <peer-connected>
          peer-connected
        </peer-connected>
        <peer-in-steady-state>
          peer-in-steady-state
        </peer-in-steady-state>
      </peer-transition-state>
    </switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

```
</peer-transition-state>
</switchover-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<replication-state>

Usage

```
<replication-state>
  <replication-ready>
    replication-ready
  </replication-ready>
  <replication-synchronizing>
    replication-synchronizing
  </replication-synchronizing>
  <replication-error>
    replication-error
  </replication-error>
  <replication-version-mismatch>
    replication-version-mismatch
  </replication-version-mismatch>
  <replication-connection-error>
    replication-connection-error
  </replication-connection-error>
  <replication-reconnect-error>
    replication-reconnect-error
  </replication-reconnect-error>
  <replication-init-error>
    replication-init-error
  </replication-init-error>
  <replication-relay-enable>
    replication-relay-enable
  </replication-relay-enable>
</replication-state>
```

Description

<replication-state>

Usage

```
<switchover-information>
  <replication-state>
    <replication-ready>
      replication-ready
    </replication-ready>
    <replication-synchronizing>
      replication-synchronizing
    </replication-synchronizing>
    <replication-error>
      replication-error
    </replication-error>
    <replication-version-mismatch>
```



```

        replication-version-mismatch
      </replication-version-mismatch>
    <replication-connection-error>
      replication-connection-error
    </replication-connection-error>
    <replication-reconnect-error>
      replication-reconnect-error
    </replication-reconnect-error>
    <replication-init-error>
      replication-init-error
    </replication-init-error>
    <replication-relay-enable>
      replication-relay-enable
    </replication-relay-enable>
  </replication-state>
</switchover-information>

```

Description

<replication-state>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <switchover-information>
      <replication-state>
        <replication-ready>
          replication-ready
        </replication-ready>
        <replication-synchronizing>
          replication-synchronizing
        </replication-synchronizing>
        <replication-error>
          replication-error
        </replication-error>
        <replication-version-mismatch>
          replication-version-mismatch
        </replication-version-mismatch>
        <replication-connection-error>
          replication-connection-error
        </replication-connection-error>
        <replication-reconnect-error>
          replication-reconnect-error
        </replication-reconnect-error>
        <replication-init-error>
          replication-init-error
        </replication-init-error>
        <replication-relay-enable>
          replication-relay-enable
        </replication-relay-enable>
      </replication-state>
    </switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<switchover-information>

Usage

```
<switchover-information>
  <switchover-state>
    switchover-state
  </switchover-state>
  <switchover-mode>....</switchover-mode>
  <configuration-state>....</configuration-state>
  <replication-state>....</replication-state>
  <peer-transition-state>....</peer-transition-state>
</switchover-information>
```

Description

<switchover-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <switchover-information>
      <switchover-state>
        switchover-state
      </switchover-state>
      <switchover-mode>....</switchover-mode>
      <configuration-state>....</configuration-state>
      <replication-state>....</replication-state>
      <peer-transition-state>....</peer-transition-state>
    </switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<switchover-mode>

Usage

```
<switchover-mode>
  <multichassis-mode>
    multichassis-mode
  </multichassis-mode>
  <gres-mode>
    gres-mode
  </gres-mode>
  <unknown-mode>
    unknown-mode
  </unknown-mode>
</switchover-mode>
```

Description

<switchover-mode>

Usage

```
<switchover-information>
  <switchover-mode>
    <multichassis-mode>
      multichassis-mode
    </multichassis-mode>
    <gres-mode>
      gres-mode
    </gres-mode>
    <unknown-mode>
      unknown-mode
    </unknown-mode>
  </switchover-mode>
</switchover-information>
```

Description

<switchover-mode>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <switchover-information>
      <switchover-mode>
        <multichassis-mode>
          multichassis-mode
        </multichassis-mode>
        <gres-mode>
          gres-mode
        </gres-mode>
        <unknown-mode>
          unknown-mode
        </unknown-mode>
      </switchover-mode>
    </switchover-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

Summary of CNLP Traceroute Response Tags

<clnp-err-code>

Usage

```
<clnp-err-code>
  <clnp-code-none>
    clnp-code-none
  </clnp-code-none>
</clnp-err-code>
```

Description Code of CLNP Error PDU message sub type

<clnp-err-code>

Usage

```
<probe-result>
  <clnp-err-code>
    <clnp-code-none>
      clnp-code-none
    </clnp-code-none>
  </clnp-err-code>
</probe-result>
```

Description Code of CLNP Error PDU message sub type

<clnp-err-code>

Usage

```
<hop>
  <probe-result>
    <clnp-err-code>
      <clnp-code-none>
        clnp-code-none
      </clnp-code-none>
    </clnp-err-code>
  </probe-result>
</hop>
```

Description Code of CLNP Error PDU message sub type

<clnp-err-code>

Usage

```
<traceroute-results>
  <hop>
    <probe-result>
      <clnp-err-code>
        <clnp-code-none>
          clnp-code-none
        </clnp-code-none>
      </clnp-err-code>
    </probe-result>
  </hop>
</traceroute-results>
```

Description Code of CLNP Error PDU message sub type

<clnp-err-type>

Usage

```
<clnp-err-type>
```

```

<clnp-type-none>
  clnp-type-none
</clnp-type-none>
<clnp-echoreply>
  clnp-echoreply
</clnp-echoreply>
<clnp-echo>
  clnp-echo
</clnp-echo>
<clnp-gen-noreas>
  clnp-gen-noreas
</clnp-gen-noreas>
<clnp-gen-protoerr>
  clnp-gen-protoerr
</clnp-gen-protoerr>
<clnp-gen-badcsun>
  clnp-gen-badcsun
</clnp-gen-badcsun>
<clnp-gen-hdrsyntax>
  clnp-gen-hdrsyntax
</clnp-gen-hdrsyntax>
<clnp-gen-segneeded>
  clnp-gen-segneeded
</clnp-gen-segneeded>
<clnp-gen-incomplete>
  clnp-gen-incomplete
</clnp-gen-incomplete>
<clnp-addr-destunreach>
  clnp-addr-destunreach
</clnp-addr-destunreach>
<clnp-addr-destunknown>
  clnp-addr-destunknown
</clnp-addr-destunknown>
<clnp-timxceed-intrans>
  clnp-timxceed-intrans
</clnp-timxceed-intrans>
<clnp-timxceed-reass>
  clnp-timxceed-reass
</clnp-timxceed-reass>
</clnp-err-type>

```

Description Type of CLNP Error PDU message

<clnp-err-type>

Usage

```

<probe-result>
  <clnp-err-type>
    <clnp-type-none>
      clnp-type-none
    </clnp-type-none>
    <clnp-echoreply>
      clnp-echoreply
    </clnp-echoreply>

```

```
<clnp-echo>
  clnp-echo
</clnp-echo>
<clnp-gen-noreas>
  clnp-gen-noreas
</clnp-gen-noreas>
<clnp-gen-ptoerr>
  clnp-gen-ptoerr
</clnp-gen-ptoerr>
<clnp-gen-badsum>
  clnp-gen-badsum
</clnp-gen-badsum>
<clnp-gen-hdrsyntax>
  clnp-gen-hdrsyntax
</clnp-gen-hdrsyntax>
<clnp-gen-segneeded>
  clnp-gen-segneeded
</clnp-gen-segneeded>
<clnp-gen-incomplete>
  clnp-gen-incomplete
</clnp-gen-incomplete>
<clnp-addr-destunreach>
  clnp-addr-destunreach
</clnp-addr-destunreach>
<clnp-addr-destunknown>
  clnp-addr-destunknown
</clnp-addr-destunknown>
<clnp-timxceed-intrans>
  clnp-timxceed-intrans
</clnp-timxceed-intrans>
<clnp-timxceed-reass>
  clnp-timxceed-reass
</clnp-timxceed-reass>
</clnp-err-type>
</probe-result>
```

Description Type of CLNP Error PDU message

<clnp-err-type>

Usage

```
<hop>
<probe-result>
  <clnp-err-type>
    <clnp-type-none>
      clnp-type-none
    </clnp-type-none>
    <clnp-echoreply>
      clnp-echoreply
    </clnp-echoreply>
    <clnp-echo>
      clnp-echo
    </clnp-echo>
    <clnp-gen-noreas>
```

```

      clnp-gen-noreas
    </clnp-gen-noreas>
    <clnp-gen-ptoerr>
      clnp-gen-ptoerr
    </clnp-gen-ptoerr>
    <clnp-gen-badcsu>
      clnp-gen-badcsu
    </clnp-gen-badcsu>
    <clnp-gen-hdrsynta>
      clnp-gen-hdrsynta
    </clnp-gen-hdrsynta>
    <clnp-gen-segneeded>
      clnp-gen-segneeded
    </clnp-gen-segneeded>
    <clnp-gen-incomplete>
      clnp-gen-incomplete
    </clnp-gen-incomplete>
    <clnp-addr-destunreach>
      clnp-addr-destunreach
    </clnp-addr-destunreach>
    <clnp-addr-destunknown>
      clnp-addr-destunknown
    </clnp-addr-destunknown>
    <clnp-timxceed-intrans>
      clnp-timxceed-intrans
    </clnp-timxceed-intrans>
    <clnp-timxceed-reass>
      clnp-timxceed-reass
    </clnp-timxceed-reass>
  </clnp-err-type>
</probe-result>
</hop>

```

Description Type of CLNP Error PDU message

<clnp-err-type>

Usage

```

<traceroute-results>
  <hop>
    <probe-result>
      <clnp-err-type>
        <clnp-type-none>
          clnp-type-none
        </clnp-type-none>
        <clnp-echoreply>
          clnp-echoreply
        </clnp-echoreply>
        <clnp-echo>
          clnp-echo
        </clnp-echo>
        <clnp-gen-noreas>
          clnp-gen-noreas
        </clnp-gen-noreas>
      </clnp-err-type>
    </probe-result>
  </hop>
</traceroute-results>

```

```
<clnp-gen-protoerr>
  clnp-gen-protoerr
</clnp-gen-protoerr>
<clnp-gen-badcsum>
  clnp-gen-badcsum
</clnp-gen-badcsum>
<clnp-gen-hdrsyntax>
  clnp-gen-hdrsyntax
</clnp-gen-hdrsyntax>
<clnp-gen-segneeded>
  clnp-gen-segneeded
</clnp-gen-segneeded>
<clnp-gen-incomplete>
  clnp-gen-incomplete
</clnp-gen-incomplete>
<clnp-addr-destunreach>
  clnp-addr-destunreach
</clnp-addr-destunreach>
<clnp-addr-destunknown>
  clnp-addr-destunknown
</clnp-addr-destunknown>
<clnp-timxceed-intrans>
  clnp-timxceed-intrans
</clnp-timxceed-intrans>
<clnp-timxceed-reass>
  clnp-timxceed-reass
</clnp-timxceed-reass>
</clnp-err-type>
</probe-result>
</hop>
</traceroute-results>
```

Description Type of CLNP Error PDU message

<hop>

Usage

```
<hop>
  <ttl-value>
    ttl-value
  </ttl-value>
  <last-iso-address>
    last-iso-address
  </last-iso-address>
  <last-host-name>
    last-host-name
  </last-host-name>
  <percent-loss>
    percent-loss
  </percent-loss>
  <probe-result>....</probe-result>
</hop>
```


Description Traceroute results for a single hop (TTL value)

<hop>

Usage

```
<traceroute-results>
  <hop>
    <ttl-value>
      ttl-value
    </ttl-value>
    <last-iso-address>
      last-iso-address
    </last-iso-address>
    <last-host-name>
      last-host-name
    </last-host-name>
    <percent-loss>
      percent-loss
    </percent-loss>
    <probe-result>....</probe-result>
  </hop>
</traceroute-results>
```

Description Traceroute results for a single hop (TTL value)

<probe-result>

Usage

```
<probe-result>
  <date-determined>
    date-determined
  </date-determined>
  <probe-index>
    probe-index
  </probe-index>
  <probe-status>....</probe-status>
  <clnp-err-type>....</clnp-err-type>
  <clnp-err-code>....</clnp-err-code>
  <iso-address>
    iso-address
  </iso-address>
  <host-name>
    host-name
  </host-name>
  <rtt-us>
    rtt-us
  </rtt-us>
  <rtt-ms>
    rtt-ms
  </rtt-ms>
  <error-indicator>
    error-indicator
  </error-indicator>
```

</probe-result>

Description Result of CLNP probe

<probe-result>

Usage

```
<hop>
  <probe-result>
    <date-determined>
      date-determined
    </date-determined>
    <probe-index>
      probe-index
    </probe-index>
    <probe-status>....</probe-status>
    <clnp-err-type>....</clnp-err-type>
    <clnp-err-code>....</clnp-err-code>
    <iso-address>
      iso-address
    </iso-address>
    <host-name>
      host-name
    </host-name>
    <rtt-us>
      rtt-us
    </rtt-us>
    <rtt-ms>
      rtt-ms
    </rtt-ms>
    <error-indicator>
      error-indicator
    </error-indicator>
  </probe-result>
</hop>
```

Description Result of CLNP probe

<probe-result>

Usage

```
<traceroute-results>
  <hop>
    <probe-result>
      <date-determined>
        date-determined
      </date-determined>
      <probe-index>
        probe-index
      </probe-index>
      <probe-status>....</probe-status>
      <clnp-err-type>....</clnp-err-type>
      <clnp-err-code>....</clnp-err-code>
```

```

<iso-address>
  iso-address
</iso-address>
<host-name>
  host-name
</host-name>
<rtt-us>
  rtt-us
</rtt-us>
<rtt-ms>
  rtt-ms
</rtt-ms>
<error-indicator>
  error-indicator
</error-indicator>
</probe-result>
</hop>
</traceroute-results>

```

Description Result of CLNP probe

<probe-status>

Usage

```

<probe-status>
<no-reply>
  no-reply
</no-reply>
<probe-success>
  probe-success
</probe-success>
<probe-error>
  probe-error
</probe-error>
<probe-reached>
  probe-reached
</probe-reached>
<internal-err>
  internal-err
</internal-err>
<no-route-to-target>
  no-route-to-target
</no-route-to-target>
<interface-inactive-to-target>
  interface-inactive-to-target
</interface-inactive-to-target>
<invalid-host-address>
  invalid-host-address
</invalid-host-address>
</probe-status>

```

Description Status of CLNP probe

<probe-status>

Usage

```
<probe-result>
  <probe-status>
    <no-reply>
      no-reply
    </no-reply>
    <probe-success>
      probe-success
    </probe-success>
    <probe-error>
      probe-error
    </probe-error>
    <probe-reached>
      probe-reached
    </probe-reached>
    <internal-err>
      internal-err
    </internal-err>
    <no-route-to-target>
      no-route-to-target
    </no-route-to-target>
    <interface-inactive-to-target>
      interface-inactive-to-target
    </interface-inactive-to-target>
    <invalid-host-address>
      invalid-host-address
    </invalid-host-address>
  </probe-status>
</probe-result>
```

Description Status of CLNP probe

<probe-status>

Usage

```
<hop>
  <probe-result>
    <probe-status>
      <no-reply>
        no-reply
      </no-reply>
      <probe-success>
        probe-success
      </probe-success>
      <probe-error>
        probe-error
      </probe-error>
      <probe-reached>
        probe-reached
      </probe-reached>
      <internal-err>
        internal-err
```

```

</internal-err>
<no-route-to-target>
  no-route-to-target
</no-route-to-target>
<interface-inactive-to-target>
  interface-inactive-to-target
</interface-inactive-to-target>
<invalid-host-address>
  invalid-host-address
</invalid-host-address>
</probe-status>
</probe-result>
</hop>

```

Description Status of CLNP probe

<probe-status>

Usage

```

<traceroute-results>
<hop>
  <probe-result>
    <probe-status>
      <no-reply>
        no-reply
      </no-reply>
      <probe-success>
        probe-success
      </probe-success>
      <probe-error>
        probe-error
      </probe-error>
      <probe-reached>
        probe-reached
      </probe-reached>
      <internal-err>
        internal-err
      </internal-err>
      <no-route-to-target>
        no-route-to-target
      </no-route-to-target>
      <interface-inactive-to-target>
        interface-inactive-to-target
      </interface-inactive-to-target>
      <invalid-host-address>
        invalid-host-address
      </invalid-host-address>
    </probe-status>
  </probe-result>
</hop>
</traceroute-results>

```

Description Status of CLNP probe

<test-status>

Usage

```
<test-status>
  <success>
    success
  </success>
  <failure>
    failure
  </failure>
  <internal-error>
    internal-error
  </internal-error>
  <target-unresolved>
    target-unresolved
  </target-unresolved>
  <target-invalid>
    target-invalid
  </target-invalid>
  <source-unresolved>
    source-unresolved
  </source-unresolved>
  <source-invalid>
    source-invalid
  </source-invalid>
  <routing-instance-invalid>
    routing-instance-invalid
  </routing-instance-invalid>
  <interface-invalid>
    interface-invalid
  </interface-invalid>
</test-status>
```

Description Results of a single traceroute test

<traceroute-results>

Usage

```
<traceroute-results>
  <target>
    target
  </target>
  <source>
    source
  </source>
  <target-iso>
    target-iso
  </target-iso>
  <max-hop-index>
    max-hop-index
  </max-hop-index>
  <packet-size>
    packet-size
  </packet-size>
```

```
<hop>....</hop>
</traceroute-results>
```

Description

Summary of Virtual Router Redundancy Protocol Response Tags

<active-inherit>

Usage

```
<active-inherit>
  <vrrp-mode>
    vrrp-mode
  </vrrp-mode>
  <active-node>
    active-node
  </active-node>
  <active-group>
    active-group
  </active-group>
  <accept-data-mode>
    accept-data-mode
  </accept-data-mode>
  <vip-count>
    vip-count
  </vip-count>
  <vip>
    vip
  </vip>
  <active-router-ip>
    active-router-ip
  </active-router-ip>
  <virtual-mac>
    virtual-mac
  </virtual-mac>
</active-inherit>
```

Description Display active-inherit related parameters

<active-inherit>

Usage

```
<vrrp-interface>
  <active-inherit>
    <vrrp-mode>
      vrrp-mode
    </vrrp-mode>
    <active-node>
      active-node
    </active-node>
    <active-group>
      active-group
    </active-group>
```

```
<accept-data-mode>
  accept-data-mode
</accept-data-mode>
<vip-count>
  vip-count
</vip-count>
<vip>
  vip
</vip>
<active-router-ip>
  active-router-ip
</active-router-ip>
<virtual-mac>
  virtual-mac
</virtual-mac>
</active-inherit>
</vrrp-interface>
```

Description Display active-inherit related parameters

<active-inherit>

Usage

```
<vrrp-information>
<vrrp-interface>
  <active-inherit>
    <vrrp-mode>
      vrrp-mode
    </vrrp-mode>
    <active-node>
      active-node
    </active-node>
    <active-group>
      active-group
    </active-group>
    <accept-data-mode>
      accept-data-mode
    </accept-data-mode>
    <vip-count>
      vip-count
    </vip-count>
    <vip>
      vip
    </vip>
    <active-router-ip>
      active-router-ip
    </active-router-ip>
    <virtual-mac>
      virtual-mac
    </virtual-mac>
  </active-inherit>
</vrrp-interface>
</vrrp-information>
```


Description Display active-inherit related parameters

<bandwidth>

Usage

```
<bandwidth>
  <bandwidth-threshold>
    bandwidth-threshold
  </bandwidth-threshold>
  <bandwidth-priority-cost>
    bandwidth-priority-cost
  </bandwidth-priority-cost>
  <bandwidth-active>
    bandwidth-active
  </bandwidth-active>
  <priority-down-status>
    priority-down-status
  </priority-down-status>
  <priority-cost>
    priority-cost
  </priority-cost>
  <priority-active>
    priority-active
  </priority-active>
</bandwidth>
```

Description Display bandwidth parameters.

<bandwidth>

Usage

```
<track-vrrpd-interface>
  <bandwidth>
    <bandwidth-threshold>
      bandwidth-threshold
    </bandwidth-threshold>
    <bandwidth-priority-cost>
      bandwidth-priority-cost
    </bandwidth-priority-cost>
    <bandwidth-active>
      bandwidth-active
    </bandwidth-active>
    <priority-down-status>
      priority-down-status
    </priority-down-status>
    <priority-cost>
      priority-cost
    </priority-cost>
    <priority-active>
      priority-active
    </priority-active>
  </bandwidth>
</track-vrrpd-interface>
```

Description Display bandwidth parameters.

<bandwidth>

Usage

```
<vrrp-interface>
  <bandwidth>
    <bandwidth-threshold>
      bandwidth-threshold
    </bandwidth-threshold>
    <bandwidth-priority-cost>
      bandwidth-priority-cost
    </bandwidth-priority-cost>
    <bandwidth-active>
      bandwidth-active
    </bandwidth-active>
    <priority-down-status>
      priority-down-status
    </priority-down-status>
    <priority-cost>
      priority-cost
    </priority-cost>
    <priority-active>
      priority-active
    </priority-active>
  </bandwidth>
</vrrp-interface>
```

Description Display bandwidth parameters.

<bandwidth>

Usage

```
<vrrp-interface>
  <track-vrrpd-interface>
    <bandwidth>
      <bandwidth-threshold>
        bandwidth-threshold
      </bandwidth-threshold>
      <bandwidth-priority-cost>
        bandwidth-priority-cost
      </bandwidth-priority-cost>
      <bandwidth-active>
        bandwidth-active
      </bandwidth-active>
      <priority-down-status>
        priority-down-status
      </priority-down-status>
      <priority-cost>
        priority-cost
      </priority-cost>
      <priority-active>
        priority-active
      </priority-active>
    </bandwidth>
  </track-vrrpd-interface>
</vrrp-interface>
```

```

    </bandwidth>
  </track-vrrpd-interface>
</vrrp-interface>

```

Description Display bandwidth parameters.

<bandwidth>

Usage

```

<vrrp-information>
  <vrrp-interface>
    <bandwidth>
      <bandwidth-threshold>
        bandwidth-threshold
      </bandwidth-threshold>
      <bandwidth-priority-cost>
        bandwidth-priority-cost
      </bandwidth-priority-cost>
      <bandwidth-active>
        bandwidth-active
      </bandwidth-active>
      <priority-down-status>
        priority-down-status
      </priority-down-status>
      <priority-cost>
        priority-cost
      </priority-cost>
      <priority-active>
        priority-active
      </priority-active>
    </bandwidth>
  </vrrp-interface>
</vrrp-information>

```

Description Display bandwidth parameters.

<bandwidth>

Usage

```

<vrrp-information>
  <vrrp-interface>
    <track-vrrpd-interface>
      <bandwidth>
        <bandwidth-threshold>
          bandwidth-threshold
        </bandwidth-threshold>
        <bandwidth-priority-cost>
          bandwidth-priority-cost
        </bandwidth-priority-cost>
        <bandwidth-active>
          bandwidth-active
        </bandwidth-active>
        <priority-down-status>

```

```
    priority-down-status
  </priority-down-status>
  <priority-cost>
    priority-cost
  </priority-cost>
  <priority-active>
    priority-active
  </priority-active>
</bandwidth>
</track-vrrp-interface>
</vrrp-interface>
</vrrp-information>
```

Description Display bandwidth parameters.

<group-vrrp-pdu-error-statistics>

Usage

```
<group-vrrp-pdu-error-statistics>
  <bad-authentication-type-received>
    bad-authentication-type-received
  </bad-authentication-type-received>
  <bad-password-received>
    bad-password-received
  </bad-password-received>
  <bad-md5-digest-received>
    bad-md5-digest-received
  </bad-md5-digest-received>
  <bad-advertisement-timer-received>
    bad-advertisement-timer-received
  </bad-advertisement-timer-received>
  <bad-vip-count-received>
    bad-vip-count-received
  </bad-vip-count-received>
  <bad-vipaddr-received>
    bad-vipaddr-received
  </bad-vipaddr-received>
</group-vrrp-pdu-error-statistics>
```

Description Errored statistics for the VRRP group.

<group-vrrp-pdu-error-statistics>

Usage

```
<vrrp-interface>
  <group-vrrp-pdu-error-statistics>
    <bad-authentication-type-received>
      bad-authentication-type-received
    </bad-authentication-type-received>
    <bad-password-received>
      bad-password-received
    </bad-password-received>
    <bad-md5-digest-received>
```

```

        bad-md5-digest-received
      </bad-md5-digest-received>
      <bad-advertisement-timer-received>
        bad-advertisement-timer-received
      </bad-advertisement-timer-received>
      <bad-vip-count-received>
        bad-vip-count-received
      </bad-vip-count-received>
      <bad-vipaddr-received>
        bad-vipaddr-received
      </bad-vipaddr-received>
    </group-vrrp-pdu-error-statistics>
  </vrrp-interface>

```

Description Errored statistics for the VRRP group.

<group-vrrp-pdu-error-statistics>

Usage

```

<vrrp-information>
  <vrrp-interface>
    <group-vrrp-pdu-error-statistics>
      <bad-authentication-type-received>
        bad-authentication-type-received
      </bad-authentication-type-received>
      <bad-password-received>
        bad-password-received
      </bad-password-received>
      <bad-md5-digest-received>
        bad-md5-digest-received
      </bad-md5-digest-received>
      <bad-advertisement-timer-received>
        bad-advertisement-timer-received
      </bad-advertisement-timer-received>
      <bad-vip-count-received>
        bad-vip-count-received
      </bad-vip-count-received>
      <bad-vipaddr-received>
        bad-vipaddr-received
      </bad-vipaddr-received>
    </group-vrrp-pdu-error-statistics>
  </vrrp-interface>
</vrrp-information>

```

Description Errored statistics for the VRRP group.

<group-vrrp-pdu-statistics>

Usage

```

<group-vrrp-pdu-statistics>
  <advertisement-sent>
    advertisement-sent
  </advertisement-sent>

```

```
<advertisement-received>  
  advertisement-received  
</advertisement-received>  
</group-vrrp-pdu-statistics>
```

Description Number of VRRP advertisements sent and received by the group.

<group-vrrp-pdu-statistics>

Usage

```
<vrrp-interface>  
  <group-vrrp-pdu-statistics>  
    <advertisement-sent>  
      advertisement-sent  
    </advertisement-sent>  
    <advertisement-received>  
      advertisement-received  
    </advertisement-received>  
  </group-vrrp-pdu-statistics>  
</vrrp-interface>
```

Description Number of VRRP advertisements sent and received by the group.

<group-vrrp-pdu-statistics>

Usage

```
<vrrp-information>  
  <vrrp-interface>  
    <group-vrrp-pdu-statistics>  
      <advertisement-sent>  
        advertisement-sent  
      </advertisement-sent>  
      <advertisement-received>  
        advertisement-received  
      </advertisement-received>  
    </group-vrrp-pdu-statistics>  
  </vrrp-interface>  
</vrrp-information>
```

Description Number of VRRP advertisements sent and received by the group.

<group-vrrp-state-transition-statistics>

Usage

```
<group-vrrp-state-transition-statistics>  
  <idle-master-transitions>  
    idle-master-transitions  
  </idle-master-transitions>  
  <idle-backup-transitions>  
    idle-backup-transitions  
  </idle-backup-transitions>
```

```

    <backup-master-transitions>
      backup-master-transitions
    </backup-master-transitions>
    <master-backup-transitions>
      master-backup-transitions
    </master-backup-transitions>
  </group-vrrp-state-transition-statistics>

```

Description State transition statistics for the VRRP group.

<group-vrrp-state-transition-statistics>

Usage

```

<vrrp-interface>
  <group-vrrp-state-transition-statistics>
    <idle-master-transitions>
      idle-master-transitions
    </idle-master-transitions>
    <idle-backup-transitions>
      idle-backup-transitions
    </idle-backup-transitions>
    <backup-master-transitions>
      backup-master-transitions
    </backup-master-transitions>
    <master-backup-transitions>
      master-backup-transitions
    </master-backup-transitions>
  </group-vrrp-state-transition-statistics>
</vrrp-interface>

```

Description State transition statistics for the VRRP group.

<group-vrrp-state-transition-statistics>

Usage

```

<vrrp-information>
  <vrrp-interface>
    <group-vrrp-state-transition-statistics>
      <idle-master-transitions>
        idle-master-transitions
      </idle-master-transitions>
      <idle-backup-transitions>
        idle-backup-transitions
      </idle-backup-transitions>
      <backup-master-transitions>
        backup-master-transitions
      </backup-master-transitions>
      <master-backup-transitions>
        master-backup-transitions
      </master-backup-transitions>
    </group-vrrp-state-transition-statistics>
  </vrrp-interface>

```

```
</vrrp-information>
```

Description State transition statistics for the VRRP group.

<preempt-hold>

Usage

```
<preempt-hold>
  <preempt>
    preempt
  </preempt>
  <preempt-hold-time>
    preempt-hold-time
  </preempt-hold-time>
  <accept-data-mode>
    accept-data-mode
  </accept-data-mode>
  <vip-count>
    vip-count
  </vip-count>
  <vip>
    vip
  </vip>
</preempt-hold>
```

Description Display preempt related parameters

<preempt-hold>

Usage

```
<vrrp-interface>
  <preempt-hold>
    <preempt>
      preempt
    </preempt>
    <preempt-hold-time>
      preempt-hold-time
    </preempt-hold-time>
    <accept-data-mode>
      accept-data-mode
    </accept-data-mode>
    <vip-count>
      vip-count
    </vip-count>
    <vip>
      vip
    </vip>
  </preempt-hold>
</vrrp-interface>
```

Description Display preempt related parameters

<preempt-hold>

Usage

```

<vrrp-information>
  <vrrp-interface>
    <preempt-hold>
      <preempt>
        preempt
      </preempt>
      <preempt-hold-time>
        preempt-hold-time
      </preempt-hold-time>
      <accept-data-mode>
        accept-data-mode
      </accept-data-mode>
      <vip-count>
        vip-count
      </vip-count>
      <vip>
        vip
      </vip>
    </preempt-hold>
  </vrrp-interface>
</vrrp-information>

```

Description Display preempt related parameters

<track-route-entry>

Usage

```

<track-route-entry>
  <route-addr>
    route-addr
  </route-addr>
  <route-state>
    route-state
  </route-state>
  <route-priority>
    route-priority
  </route-priority>
  <interface>
    interface
  </interface>
  <group>
    group
  </group>
  <configured-priority>
    configured-priority
  </configured-priority>
  <current-priority>
    current-priority
  </current-priority>
  <vrrp-state>
    vrrp-state

```

```
</vrrp-state>
</track-route-entry>
```

Description Route Tracking entry table.

<track-route-entry>

Usage

```
<vrrp-interface>
  <track-route-entry>
    <route-addr>
      route-addr
    </route-addr>
    <route-state>
      route-state
    </route-state>
    <route-priority>
      route-priority
    </route-priority>
    <interface>
      interface
    </interface>
    <group>
      group
    </group>
    <configured-priority>
      configured-priority
    </configured-priority>
    <current-priority>
      current-priority
    </current-priority>
    <vrrp-state>
      vrrp-state
    </vrrp-state>
  </track-route-entry>
</vrrp-interface>
```

Description Route Tracking entry table.

<track-route-entry>

Usage

```
<vrrp-information>
  <vrrp-interface>
    <track-route-entry>
      <route-addr>
        route-addr
      </route-addr>
      <route-state>
        route-state
      </route-state>
      <route-priority>
        route-priority
```

```
</route-priority>
<interface>
  interface
</interface>
<group>
  group
</group>
<configured-priority>
  configured-priority
</configured-priority>
<current-priority>
  current-priority
</current-priority>
<vrrp-state>
  vrrp-state
</vrrp-state>
</track-route-entry>
</vrrp-interface>
</vrrp-information>
```

Description Route Tracking entry table.

<track-route-node-information>

Usage

```
<track-route-node-information>
<route-addr>
  route-addr
</route-addr>
<route-instance>
  route-instance
</route-instance>
<route-state>
  route-state
</route-state>
<route-priority>
  route-priority
</route-priority>
</track-route-node-information>
```

Description Display route tracking details.

<track-route-node-information>

Usage

```
<vrrp-interface>
  <track-route-node-information>
    <route-addr>
      route-addr
    </route-addr>
    <route-instance>
      route-instance
    </route-instance>
```

```
<route-state>
  route-state
</route-state>
<route-priority>
  route-priority
</route-priority>
</track-route-node-information>
</vrrp-interface>
```

Description Display route tracking details.

<track-route-node-information>

Usage

```
<vrrp-information>
<vrrp-interface>
  <track-route-node-information>
    <route-addr>
      route-addr
    </route-addr>
    <route-instance>
      route-instance
    </route-instance>
    <route-state>
      route-state
    </route-state>
    <route-priority>
      route-priority
    </route-priority>
  </track-route-node-information>
</vrrp-interface>
</vrrp-information>
```

Description Display route tracking details.

<track-vrrpd-interface>

Usage

```
<track-vrrpd-interface>
  <tracked-interface>
    tracked-interface
  </tracked-interface>
  <interface-state>
    interface-state
  </interface-state>
  <interface-speed>
    interface-speed
  </interface-speed>
  <current-priority-cost>
    current-priority-cost
  </current-priority-cost>
  <bandwidth>....</bandwidth>
```

</track-vrrpd-interface>

Description Display VRRP interface tracking details

<track-vrrpd-interface>

Usage

```
<vrrp-interface>
<track-vrrpd-interface>
  <tracked-interface>
    tracked-interface
  </tracked-interface>
  <interface-state>
    interface-state
  </interface-state>
  <interface-speed>
    interface-speed
  </interface-speed>
  <current-priority-cost>
    current-priority-cost
  </current-priority-cost>
  <bandwidth>....</bandwidth>
</track-vrrpd-interface>
</vrrp-interface>
```

Description Display VRRP interface tracking details

<track-vrrpd-interface>

Usage

```
<vrrp-information>
<vrrp-interface>
  <track-vrrpd-interface>
    <tracked-interface>
      tracked-interface
    </tracked-interface>
    <interface-state>
      interface-state
    </interface-state>
    <interface-speed>
      interface-speed
    </interface-speed>
    <current-priority-cost>
      current-priority-cost
    </current-priority-cost>
    <bandwidth>....</bandwidth>
  </track-vrrpd-interface>
</vrrp-interface>
</vrrp-information>
```

Description Display VRRP interface tracking details

<vrrp-information>

Usage

```
<vrrp-information>
  <vrrp-interface>....</vrrp-interface>
</vrrp-information>
```

Description Display vrrp information

<vrrp-interface>

Usage

```
<vrrp-interface>
  <groups>
    groups
  </groups>
  <active>
    active
  </active>
  <physical-interface>
    physical-interface
  </physical-interface>
  <interface>
    interface
  </interface>
  <address>
    address
  </address>
  <interface-state>
    interface-state
  </interface-state>
  <group>
    group
  </group>
  <vrrp-state>
    vrrp-state
  </vrrp-state>
  <timer-name>
    timer-name
  </timer-name>
  <timer-value>
    timer-value
  </timer-value>
  <local-interface-address>
    local-interface-address
  </local-interface-address>
  <vrrp-vlan>....</vrrp-vlan>
  <bandwidth>....</bandwidth>
  <group-vrrp-pdu-statistics>....</group-vrrp-pdu-statistics>
  <group-vrrp-pdu-error-statistics>....</group-vrrp-pdu-error-statistics>
  <group-vrrp-state-transition-statistics>....</group-vrrp-state-transition-statistics>

  <preempt-hold>....</preempt-hold>
  <virtual-ip-address>
```

```
    virtual-ip-address
  </virtual-ip-address>
  <unit>
    unit
  </unit>
  <index>
    index
  </index>
  <interface-index>
    interface-index
  </interface-index>
  <snmp-interface-index>
    snmp-interface-index
  </snmp-interface-index>
  <vrrp-traps>
    vrrp-traps
  </vrrp-traps>
  <group-priority>
    group-priority
  </group-priority>
  <advertisement-interval>
    advertisement-interval
  </advertisement-interval>
  <authentication-type>
    authentication-type
  </authentication-type>
  <delay-threshold>
    delay-threshold
  </delay-threshold>
  <computed-send-rate>
    computed-send-rate
  </computed-send-rate>
  <preempt>
    preempt
  </preempt>
  <accept-data-mode>
    accept-data-mode
  </accept-data-mode>
  <vip-count>
    vip-count
  </vip-count>
  <vip>
    vip
  </vip>
  <dead-timer>
    dead-timer
  </dead-timer>
  <master-priority>
    master-priority
  </master-priority>
  <master-router-ip>
    master-router-ip
  </master-router-ip>
  <active-router-ip>
    active-router-ip
  </active-router-ip>
```

```
<master-router>
  master-router
</master-router>
<router-ip>
  router-ip
</router-ip>
<virtual-router-uptime>
  virtual-router-uptime
</virtual-router-uptime>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<virtual-mac>
  virtual-mac
</virtual-mac>
<tracking>
  tracking
</tracking>
<preempt-hold-time>
  preempt-hold-time
</preempt-hold-time>
<current-priority>
  current-priority
</current-priority>
<configured-priority>
  configured-priority
</configured-priority>
<priority-hold-time>
  priority-hold-time
</priority-hold-time>
<remaining-time>
  remaining-time
</remaining-time>
<pending-priority>
  pending-priority
</pending-priority>
<interface-tracking-state>
  interface-tracking-state
</interface-tracking-state>
<interface-count>
  interface-count
</interface-count>
<route-tracking-state>
  route-tracking-state
</route-tracking-state>
<route-count>
  route-count
</route-count>
<interface-speed>
  interface-speed
</interface-speed>
<current-priority-cost>
  current-priority-cost
</current-priority-cost>
<tracked-interface>
  tracked-interface
```



```

</tracked-interface>
<track-route-node-information>....</track-route-node-information>
<track-vrrpd-interface>....</track-vrrpd-interface>
<track-route-entry>....</track-route-entry>
<vrrp-message>....</vrrp-message>
<invalid-ipah-next-type-received>
  invalid-ipah-next-type-received
</invalid-ipah-next-type-received>
<invalid-vrrp-ttl-value-received>
  invalid-vrrp-ttl-value-received
</invalid-vrrp-ttl-value-received>
<invalid-vrrp-version-received>
  invalid-vrrp-version-received
</invalid-vrrp-version-received>
<invalid-vrrp-pdu-type-received>
  invalid-vrrp-pdu-type-received
</invalid-vrrp-pdu-type-received>
<invalid-vrrp-authentication-type-received>
  invalid-vrrp-authentication-type-received
</invalid-vrrp-authentication-type-received>
<invalid-vrrp-ip-count-received>
  invalid-vrrp-ip-count-received
</invalid-vrrp-ip-count-received>
<invalid-vrrp-checksum-received>
  invalid-vrrp-checksum-received
</invalid-vrrp-checksum-received>
<advertisement-timer>
  advertisement-timer
</advertisement-timer>
<packets-received>
  packets-received
</packets-received>
<no-group-match-received>
  no-group-match-received
</no-group-match-received>
<advertisement-sent>
  advertisement-sent
</advertisement-sent>
<advertisement-received>
  advertisement-received
</advertisement-received>
<vrrp-mode>
  vrrp-mode
</vrrp-mode>
<active-node>
  active-node
</active-node>
<active-group>
  active-group
</active-group>
<active-inherit>....</active-inherit>
</vrrp-interface>

```

Description Describes vrrp interface.

<vrrp-interface>

Usage

```
<vrrp-information>
  <vrrp-interface>
    <groups>
      groups
    </groups>
    <active>
      active
    </active>
    <physical-interface>
      physical-interface
    </physical-interface>
    <interface>
      interface
    </interface>
    <address>
      address
    </address>
    <interface-state>
      interface-state
    </interface-state>
    <group>
      group
    </group>
    <vrrp-state>
      vrrp-state
    </vrrp-state>
    <timer-name>
      timer-name
    </timer-name>
    <timer-value>
      timer-value
    </timer-value>
    <local-interface-address>
      local-interface-address
    </local-interface-address>
    <vrrp-vlan>....</vrrp-vlan>
    <bandwidth>....</bandwidth>
    <group-vrrp-pdu-statistics>....</group-vrrp-pdu-statistics>
    <group-vrrp-pdu-error-statistics>....</group-vrrp-pdu-error-statistics>
    <group-vrrp-state-transition-statistics>....</group-vrrp-state-transition-statistics>

    <preempt-hold>....</preempt-hold>
    <virtual-ip-address>
      virtual-ip-address
    </virtual-ip-address>
    <unit>
      unit
    </unit>
    <index>
      index
    </index>
    <interface-index>
```

```
    interface-index
  </interface-index>
  <snmp-interface-index>
    snmp-interface-index
  </snmp-interface-index>
  <vrrp-traps>
    vrrp-traps
  </vrrp-traps>
  <group-priority>
    group-priority
  </group-priority>
  <advertisement-interval>
    advertisement-interval
  </advertisement-interval>
  <authentication-type>
    authentication-type
  </authentication-type>
  <delay-threshold>
    delay-threshold
  </delay-threshold>
  <computed-send-rate>
    computed-send-rate
  </computed-send-rate>
  <preempt>
    preempt
  </preempt>
  <accept-data-mode>
    accept-data-mode
  </accept-data-mode>
  <vip-count>
    vip-count
  </vip-count>
  <vip>
    vip
  </vip>
  <dead-timer>
    dead-timer
  </dead-timer>
  <master-priority>
    master-priority
  </master-priority>
  <master-router-ip>
    master-router-ip
  </master-router-ip>
  <active-router-ip>
    active-router-ip
  </active-router-ip>
  <master-router>
    master-router
  </master-router>
  <router-ip>
    router-ip
  </router-ip>
  <virtual-router-uptime>
    virtual-router-uptime
  </virtual-router-uptime>
```

```
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<virtual-mac>
  virtual-mac
</virtual-mac>
<tracking>
  tracking
</tracking>
<preempt-hold-time>
  preempt-hold-time
</preempt-hold-time>
<current-priority>
  current-priority
</current-priority>
<configured-priority>
  configured-priority
</configured-priority>
<priority-hold-time>
  priority-hold-time
</priority-hold-time>
<remaining-time>
  remaining-time
</remaining-time>
<pending-priority>
  pending-priority
</pending-priority>
<interface-tracking-state>
  interface-tracking-state
</interface-tracking-state>
<interface-count>
  interface-count
</interface-count>
<route-tracking-state>
  route-tracking-state
</route-tracking-state>
<route-count>
  route-count
</route-count>
<interface-speed>
  interface-speed
</interface-speed>
<current-priority-cost>
  current-priority-cost
</current-priority-cost>
<tracked-interface>
  tracked-interface
</tracked-interface>
<track-route-node-information>....</track-route-node-information>
<track-vrrpd-interface>....</track-vrrpd-interface>
<track-route-entry>....</track-route-entry>
<vrrp-message>....</vrrp-message>
<invalid-ipah-next-type-received>
  invalid-ipah-next-type-received
</invalid-ipah-next-type-received>
<invalid-vrrp-ttl-value-received>
```

```

    invalid-vrrp-ttl-value-received
  </invalid-vrrp-ttl-value-received>
  <invalid-vrrp-version-received>
    invalid-vrrp-version-received
  </invalid-vrrp-version-received>
  <invalid-vrrp-pdu-type-received>
    invalid-vrrp-pdu-type-received
  </invalid-vrrp-pdu-type-received>
  <invalid-vrrp-authentication-type-received>
    invalid-vrrp-authentication-type-received
  </invalid-vrrp-authentication-type-received>
  <invalid-vrrp-ip-count-received>
    invalid-vrrp-ip-count-received
  </invalid-vrrp-ip-count-received>
  <invalid-vrrp-checksum-received>
    invalid-vrrp-checksum-received
  </invalid-vrrp-checksum-received>
  <advertisement-timer>
    advertisement-timer
  </advertisement-timer>
  <packets-received>
    packets-received
  </packets-received>
  <no-group-match-received>
    no-group-match-received
  </no-group-match-received>
  <advertisement-sent>
    advertisement-sent
  </advertisement-sent>
  <advertisement-received>
    advertisement-received
  </advertisement-received>
  <vrrp-mode>
    vrrp-mode
  </vrrp-mode>
  <active-node>
    active-node
  </active-node>
  <active-group>
    active-group
  </active-group>
  <active-inherit>....</active-inherit>
</vrrp-interface>
</vrrp-information>

```

Description Describes vrrp interface.

<vrrp-interface-profile>

Usage

```

<vrrp-interface-profile>
  <interface>
    interface
  </interface>

```

```
<unit>
  unit
</unit>
<group>
  group
</group>
<advertisement-timer>
  advertisement-timer
</advertisement-timer>
<delay>
  delay
</delay>
</vrrp-interface-profile>
```

Description Profile of vrrp interface.

<vrrp-interface-profile>

Usage

```
<vrrp-profile-statistics>
<vrrp-interface-profile>
  <interface>
    interface
  </interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <advertisement-timer>
    advertisement-timer
  </advertisement-timer>
  <delay>
    delay
  </delay>
</vrrp-interface-profile>
</vrrp-profile-statistics>
```

Description Profile of vrrp interface.

<vrrp-message>

Usage

```
<vrrp-message>
  <message>
    message
  </message>
</vrrp-message>
```

Description Display vrrp message.

<vrrp-message>**Usage**

```

<vrrp-interface>
  <vrrp-message>
    <message>
      message
    </message>
  </vrrp-message>
</vrrp-interface>

```

Description Display vrrp message.

<vrrp-message>**Usage**

```

<vrrp-information>
  <vrrp-interface>
    <vrrp-message>
      <message>
        message
      </message>
    </vrrp-message>
  </vrrp-interface>
</vrrp-information>

```

Description Display vrrp message.

<vrrp-profile-statistics>**Usage**

```

<vrrp-profile-statistics>
  <vrrp-interface-profile>....</vrrp-interface-profile>
  <parse-time>
    parse-time
  </parse-time>
  <delay-violations>
    delay-violations
  </delay-violations>
  <delay-violations-rate>
    delay-violations-rate
  </delay-violations-rate>
  <peak-delay-violations-rate>
    peak-delay-violations-rate
  </peak-delay-violations-rate>
  <missed-three-consecutive-send>
    missed-three-consecutive-send
  </missed-three-consecutive-send>
  <send-rate>
    send-rate
  </send-rate>
  <peak-send-rate>

```

```
    peak-send-rate
  </peak-send-rate>
  <receive-rate>
    receive-rate
  </receive-rate>
  <peak-receive-rate>
    peak-receive-rate
  </peak-receive-rate>
  <expirations>
    expirations
  </expirations>
  <expiration-rate>
    expiration-rate
  </expiration-rate>
  <peak-expiration-rate>
    peak-expiration-rate
  </peak-expiration-rate>
</vrrp-profile-statistics>
```

Description Vrrp profile statistics.

<vrrp-vlan>

Usage

```
<vrrp-vlan>
  <physical-interface>
    physical-interface
  </physical-interface>
  <unit>
    unit
  </unit>
  <vlan-id>
    vlan-id
  </vlan-id>
  <vlan-tag>
    vlan-tag
  </vlan-tag>
  <vlan-address>
    vlan-address
  </vlan-address>
</vrrp-vlan>
```

Description Display vrrp when configured on vlan.

<vrrp-vlan>

Usage

```
<vrrp-interface>
  <vrrp-vlan>
    <physical-interface>
      physical-interface
    </physical-interface>
  <unit>
```



```
    unit
  </unit>
  <vlan-id>
    vlan-id
  </vlan-id>
  <vlan-tag>
    vlan-tag
  </vlan-tag>
  <vlan-address>
    vlan-address
  </vlan-address>
</vrrp-vlan>
</vrrp-interface>
```

Description Display vrrp when configured on vlan.

<vrrp-vlan>

Usage

```
<vrrp-information>
<vrrp-interface>
  <vrrp-vlan>
    <physical-interface>
      physical-interface
    </physical-interface>
    <unit>
      unit
    </unit>
    <vlan-id>
      vlan-id
    </vlan-id>
    <vlan-tag>
      vlan-tag
    </vlan-tag>
    <vlan-address>
      vlan-address
    </vlan-address>
  </vrrp-vlan>
</vrrp-interface>
</vrrp-information>
```

Description Display vrrp when configured on vlan.

Summary of X.509 Certificate Response Tags

<alternate-subject-list>

Usage

```
<alternate-subject-list>
  <alternate-subject>
    alternate-subject
  </alternate-subject>
```

</alternate-subject-list>

Description

<alternate-subject-list>

Usage

```
<x509-certificate-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-info>
```

Description

<alternate-subject-list>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <alternate-subject-list>
      <alternate-subject>
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description

<alternate-subject-list>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <alternate-subject-list>
      <alternate-subject>
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description

<auto-re-enrollment>

Usage

```
<auto-re-enrollment>
  <auto-re-enrollment-status>
    auto-re-enrollment-status
  </auto-re-enrollment-status>
</auto-re-enrollment>
```

```

</auto-re-enrollment-status>
<auto-re-enrollment-next-trigger-time>
  auto-re-enrollment-next-trigger-time
</auto-re-enrollment-next-trigger-time>
</auto-re-enrollment>

```

Description

<auto-re-enrollment>

Usage

```

<x509-certificate-info>
  <auto-re-enrollment>
    <auto-re-enrollment-status>
      auto-re-enrollment-status
    </auto-re-enrollment-status>
    <auto-re-enrollment-next-trigger-time>
      auto-re-enrollment-next-trigger-time
    </auto-re-enrollment-next-trigger-time>
  </auto-re-enrollment>
</x509-certificate-info>

```

Description

<auto-re-enrollment>

Usage

```

<x509-certificate-info-list>
  <x509-certificate-info>
    <auto-re-enrollment>
      <auto-re-enrollment-status>
        auto-re-enrollment-status
      </auto-re-enrollment-status>
      <auto-re-enrollment-next-trigger-time>
        auto-re-enrollment-next-trigger-time
      </auto-re-enrollment-next-trigger-time>
    </auto-re-enrollment>
  </x509-certificate-info>
</x509-certificate-info-list>

```

Description

<auto-re-enrollment>

Usage

```

<x509-certificate-add-results>
  <x509-certificate-info>
    <auto-re-enrollment>
      <auto-re-enrollment-status>
        auto-re-enrollment-status
      </auto-re-enrollment-status>
      <auto-re-enrollment-next-trigger-time>
        auto-re-enrollment-next-trigger-time
      </auto-re-enrollment-next-trigger-time>
    </auto-re-enrollment>
  </x509-certificate-info>
</x509-certificate-add-results>

```

```
</auto-re-enrollment>
</x509-certificate-info>
</x509-certificate-add-results>
```

Description**<crl-issuer-alternate-subject-list>****Usage**

```
<crl-issuer-alternate-subject-list>
  <crl-issuer-alternate-subject>
    crl-issuer-alternate-subject
  </crl-issuer-alternate-subject>
</crl-issuer-alternate-subject-list>
```

Description**<crl-issuer-alternate-subject-list>****Usage**

```
<x509-crl-information>
  <crl-issuer-alternate-subject-list>
    <crl-issuer-alternate-subject>
      crl-issuer-alternate-subject
    </crl-issuer-alternate-subject>
  </crl-issuer-alternate-subject-list>
</x509-crl-information>
```

Description**<crl-issuer-detail>****Usage**

```
<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>....</distinguished-name>
  </crl-issuer-detail>
</x509-crl-information>
```

Description Distinguished name of CRL issuer

<crl-revocation-list>**Usage**

```
<crl-revocation-list>
  <revoked-cert-serial-number>
    revoked-cert-serial-number
  </revoked-cert-serial-number>
  <crl-revocation-date>
    crl-revocation-date
  </crl-revocation-date>
```

```
</crl-revocation-list>
```

Description

```
<crl-revocation-list>
```

Usage

```
<x509-crl-information>
  <crl-revocation-list>
    <revoked-cert-serial-number>
      revoked-cert-serial-number
    </revoked-cert-serial-number>
    <crl-revocation-date>
      crl-revocation-date
    </crl-revocation-date>
  </crl-revocation-list>
</x509-crl-information>
```

Description

```
<crl-validity>
```

Usage

```
<crl-validity>
  <effective-date>
    effective-date
  </effective-date>
  <next-update>
    next-update
  </next-update>
</crl-validity>
```

Description Information about validity period for X.509 certificate revocation list

```
<crl-validity>
```

Usage

```
<x509-crl-information>
  <crl-validity>
    <effective-date>
      effective-date
    </effective-date>
    <next-update>
      next-update
    </next-update>
  </crl-validity>
</x509-crl-information>
```

Description Information about validity period for X.509 certificate revocation list

<distinguished-name>

Usage

```
<distinguished-name>
  <organization-name>
    organization-name
  </organization-name>
  <organizational-unit-name>
    organizational-unit-name
  </organizational-unit-name>
  <country-name>
    country-name
  </country-name>
  <state-or-province-name>
    state-or-province-name
  </state-or-province-name>
  <locality-name>
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
```

Description

<distinguished-name>

Usage

```
<x509-certificate-info>
  <issuer>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
```

```

</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</issuer>
</x509-certificate-info>

```

Description

<distinguished-name>

Usage

```

<x509-certificate-info>
  <subject>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </subject>
</x509-certificate-info>

```

Description

<distinguished-name>

Usage

```

<x509-crl-information>
  <crl-issuer-detail>

```

```
<distinguished-name>
  <organization-name>
    organization-name
  </organization-name>
  <organizational-unit-name>
    organizational-unit-name
  </organizational-unit-name>
  <country-name>
    country-name
  </country-name>
  <state-or-province-name>
    state-or-province-name
  </state-or-province-name>
  <locality-name>
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
</crl-issuer-detail>
</x509-crl-information>
```

Description

<distinguished-name>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
```



```

</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</issuer>
</x509-certificate-info>
</x509-certificate-info-list>

```

Description

<distinguished-name>

Usage

```

<x509-certificate-info-list>
<x509-certificate-info>
  <subject>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </subject>
</x509-certificate-info>
</x509-certificate-info-list>

```

Description

<distinguished-name>

Usage

```
<x509-certificate-add-results>
<x509-certificate-info>
  <issuer>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </issuer>
</x509-certificate-info>
</x509-certificate-add-results>
```

Description

<distinguished-name>

Usage

```
<x509-certificate-add-results>
<x509-certificate-info>
  <subject>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
```

```

        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </subject>
</x509-certificate-info>
</x509-certificate-add-results>

```

Description**<distribution-crl-list>****Usage**

```

<distribution-crl-list>
  <distribution-crl>
    distribution-crl
  </distribution-crl>
</distribution-crl-list>

```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>**Usage**

```

<x509-certificate-info>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</x509-certificate-info>

```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>**Usage**

```

<x509-certificate-info-list>
  <x509-certificate-info>
    <distribution-crl-list>
      <distribution-crl>

```

```

        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-info>
</x509-certificate-info-list>

```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```

<x509-certificate-add-results>
  <x509-certificate-info>
    <distribution-crl-list>
      <distribution-crl>
        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-info>
</x509-certificate-add-results>

```

Description Information about one or more distribution certificate revocation lists

<fingerprint>

Usage

```

<fingerprint>
  <fingerprint-hash-algorithm>
    fingerprint-hash-algorithm
  </fingerprint-hash-algorithm>
  <fingerprint-content>
    fingerprint-content
  </fingerprint-content>
</fingerprint>

```

Description Fingerprint

<fingerprint>

Usage

```

<x509-certificate-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-info>

```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description Fingerprint

<issue-info>

Usage

```
<issue-info>
  <recipient>
    recipient
  </recipient>
  <issued-by>
    issued-by
  </issued-by>
</issue-info>
```

Description

<issue-info>**Usage**

```
<x509-certificate-info>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</x509-certificate-info>
```

Description**<issue-info>****Usage**

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description**<issue-info>****Usage**

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description

<issuer>**Usage**

```
<x509-certificate-info>
  <issuer>
    <distinguished-name>....</distinguished-name>
  </issuer>
</x509-certificate-info>
```

Description Identifies the CA that issued certificate

<issuer>**Usage**

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>....</distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description Identifies the CA that issued certificate

<issuer>**Usage**

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>....</distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description Identifies the CA that issued certificate

<key-usage-list>**Usage**

```
<key-usage-list>
  <key-usage>
    key-usage
  </key-usage>
</key-usage-list>
```

Description

<key-usage-list>**Usage**

```
<x509-certificate-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</x509-certificate-info>
```

Description**<key-usage-list>****Usage**

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description**<key-usage-list>****Usage**

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description**<public-key>****Usage**

```
<public-key>
  <public-key-algorithm>
    public-key-algorithm
  </public-key-algorithm>
  <public-key-length>
    public-key-length
  </public-key-length>
```



```
<public-key-verification-status>
  public-key-verification-status
</public-key-verification-status>
</public-key>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-info>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-add-results>
```

```
<x509-certificate-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-info>
</x509-certificate-add-results>
```

Description Information about an X.509 public key

<public-key-contents-list>

Usage

```
<public-key-contents-list>
  <key-contents>
    key-contents
  </key-contents>
</public-key-contents-list>
```

Description

<public-key-contents-list>

Usage

```
<x509-certificate-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-info>
```

Description

<public-key-contents-list>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-info>
```

</x509-certificate-info-list>

Description

<public-key-contents-list>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description

<serial-number-list>

Usage

```
<serial-number-list>
  <serial-number-x509>
    serial-number-x509
  </serial-number-x509>
</serial-number-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-info>
</x509-certificate-info-list>
```

```
</serial-number-x509>
</serial-number-list>
</x509-certificate-info>
</x509-certificate-info-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description Serial numbers of one or more X.509 certificate

<subject>

Usage

```
<x509-certificate-info>
  <subject>
    <distinguished-name>....</distinguished-name>
  </subject>
</x509-certificate-info>
```

Description Information about certificate owner

<subject>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>....</distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-certificate-info-list>
```

Description Information about certificate owner

<subject>

Usage

```
<x509-certificate-add-results>
```

```

<x509-certificate-info>
  <subject>
    <distinguished-name>....</distinguished-name>
  </subject>
</x509-certificate-info>
</x509-certificate-add-results>

```

Description Information about certificate owner

<validity>

Usage

```

<validity>
  <not-before>
    not-before
  </not-before>
  <not-after>
    not-after
  </not-after>
</validity>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<x509-certificate-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
</x509-certificate-info>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<x509-certificate-info-list>
  <x509-certificate-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-info>
</x509-certificate-info-list>

```

```
</validity>
</x509-certificate-info>
</x509-certificate-info-list>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description Information about validity period for X.509 certificate

<x509-certificate-add-results>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-add-success>
    x509-certificate-add-success
  </x509-certificate-add-success>
  <x509-certificate-info>....</x509-certificate-info>
</x509-certificate-add-results>
```

Description

<x509-certificate-info>

Usage

```
<x509-certificate-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
```

```

    identifier
  </identifier>
  <validity>.....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>.....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>.....</issuer>
  <subject>.....</subject>
</x509-certificate-info>

```

Description Detailed information about an X.509 certificate

<x509-certificate-info>

Usage

```

<x509-certificate-info-list>
  <x509-certificate-info>
    <issue-info>.....</issue-info>
    <serial-number-list>.....</serial-number-list>
    <public-key>.....</public-key>
    <fingerprint>.....</fingerprint>
    <public-key-contents-list>.....</public-key-contents-list>
    <alternate-subject-list>.....</alternate-subject-list>
    <key-usage-list>.....</key-usage-list>
    <distribution-crl-list>.....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
      identifier
    </identifier>
    <validity>.....</validity>
    <version>
      version
    </version>
    <auto-re-enrollment>.....</auto-re-enrollment>
    <certificate-type>
      certificate-type
    </certificate-type>
    <status>
      status
    </status>
    <issuer>.....</issuer>
    <subject>.....</subject>
  </x509-certificate-info>
</x509-certificate-info-list>

```

Description Detailed information about an X.509 certificate

<x509-certificate-info>

Usage

```
<x509-certificate-add-results>
  <x509-certificate-info>
    <issue-info>.....</issue-info>
    <serial-number-list>.....</serial-number-list>
    <public-key>.....</public-key>
    <fingerprint>.....</fingerprint>
    <public-key-contents-list>.....</public-key-contents-list>
    <alternate-subject-list>.....</alternate-subject-list>
    <key-usage-list>.....</key-usage-list>
    <distribution-crl-list>.....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
      identifier
    </identifier>
    <validity>.....</validity>
    <version>
      version
    </version>
    <auto-re-enrollment>.....</auto-re-enrollment>
    <certificate-type>
      certificate-type
    </certificate-type>
    <status>
      status
    </status>
    <issuer>.....</issuer>
    <subject>.....</subject>
  </x509-certificate-info>
</x509-certificate-add-results>
```

Description Detailed information about an X.509 certificate

<x509-certificate-info-list>

Usage

```
<x509-certificate-info-list>
  <x509-certificate-info>.....</x509-certificate-info>
</x509-certificate-info-list>
```

Description

<x509-crl-information>

Usage

```
<x509-crl-information>
  <crl-number>
```



```

    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>

```

Description Detailed information about X.509 certificate revocation list

Summary of Task Response Response Tags

<task>

Usage

```

<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>

```

Description

<task-block>

Usage

```

<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>

```

```
    tb-terse-fullpage
  </tb-terse-fullpage>
  <tb-terse-debug>
    tb-terse-debug
  </tb-terse-debug>
  <tb-alloc-blocks>
    tb-alloc-blocks
  </tb-alloc-blocks>
  <tb-alloc-bytes>
    tb-alloc-bytes
  </tb-alloc-bytes>
  <tb-max-alloc-blocks>
    tb-max-alloc-blocks
  </tb-max-alloc-blocks>
  <tb-max-alloc-bytes>
    tb-max-alloc-bytes
  </tb-max-alloc-bytes>
</task-block>
</task-block-list>
```

Description

<task-block>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
```

```

</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>

```

Description

<task-block-list>

Usage

```

<task-block-list>
  <task-block>....</task-block>
</task-block-list>

```

Description

<task-block-list>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page>

Usage

```

<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>

```

```
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```

<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>

```

Description

<task-malloc>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

```
</task-malloc>
</task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-malloc-list>

Usage

```
<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>
```

Description

<task-malloc-list>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-allocator-report>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
```

```

</task-memory-in-use-size>
<task-memory-in-use-avail>
  task-memory-in-use-avail
</task-memory-in-use-avail>
<task-memory-max-size>
  task-memory-max-size
</task-memory-max-size>
<task-memory-max-avail>
  task-memory-max-avail
</task-memory-max-avail>
<task-memory-max-when>
  task-memory-max-when
</task-memory-max-when>
<task-memory-free-size>
  task-memory-free-size
</task-memory-free-size>
<task-memory-overall-report>....</task-memory-overall-report>
<task-memory-allocator-report>....</task-memory-allocator-report>
<task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
<task-memory-dynamic-allocs>
  task-memory-dynamic-allocs
</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>

```

Description

<task-memory-malloc-usage-report>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-overall-report>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats>

Usage

```
<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
```



```

<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>

```

Description

<task-memory-stats>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
        <tms-max-allocs>
          tms-max-allocs
        </tms-max-allocs>
        <tms-max-bytes>
          tms-max-bytes
        </tms-max-bytes>
        <tms-free-bytes>
          tms-free-bytes
        </tms-free-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>

```

```
<task-memory-stats>....</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-replication-state>

Usage

```
<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>
```

Description Current state of task replication

<task-size-block>

Usage

```
<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
```

```
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs
        </tsb-allocs>
        <tsb-mallocs>
          tsb-mallocs
        </tsb-mallocs>
        <tsb-alloc-bytes>
          tsb-alloc-bytes
        </tsb-alloc-bytes>
        <tsb-max-allocs>
          tsb-max-allocs
        </tsb-max-allocs>
        <tsb-max-bytes>
          tsb-max-bytes
        </tsb-max-bytes>
        <tsb-free-bytes>
          tsb-free-bytes
        </tsb-free-bytes>
      </task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
```

```
<timer-jitter>
  timer-jitter
</timer-jitter>
<timer-interval>
  timer-interval
</timer-interval>
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>
</task>
</task-timer-information>
```

Description

<task-timer-information>

Usage

```
<task-timer-information>
<task>....</task>
</task-timer-information>
```

Description

<tracing-information>

Usage

```
<tracing-information>
<flags>
  flags
</flags>
<filename>
  filename
</filename>
<filesize>
  filesize
</filesize>
<filelimit>
  filelimit
</filelimit>
</tracing-information>
```

Description

Summary of LLDP Response Tags

<lldp>

Usage

```
<lldp>
<lldp-interface-information>....</lldp-interface-information>
<lldp-global-status>
  lldp-global-status
```

```
</lldp-global-status>
<lldp-advertisement-interval>
  lldp-advertisement-interval
</lldp-advertisement-interval>
<lldp-transmit-delay-interval>
  lldp-transmit-delay-interval
</lldp-transmit-delay-interval>
<lldp-hold-time-interval>
  lldp-hold-time-interval
</lldp-hold-time-interval>
<lldp-notification-interval>
  lldp-notification-interval
</lldp-notification-interval>
<ptopo-configuration-trap-interval>
  ptopo-configuration-trap-interval
</ptopo-configuration-trap-interval>
<ptopo-maximum-hold-time>
  ptopo-maximum-hold-time
</ptopo-maximum-hold-time>
<lldp-basic-tlv-supported>
  lldp-basic-tlv-supported
</lldp-basic-tlv-supported>
<lldp-802-tlv-supported>
  lldp-802-tlv-supported
</lldp-802-tlv-supported>
<lldp-exported-vlan-information>....</lldp-exported-vlan-information>
</lldp>
```

Description

<lldp-exported-vlan-information>

Usage

```
<lldp>
<lldp-exported-vlan-information>
  <lldp-vlan-interface-name>
    lldp-vlan-interface-name
  </lldp-vlan-interface-name>
  <lldp-vlan-tag>
    lldp-vlan-tag
  </lldp-vlan-tag>
  <lldp-vlan-name>
    lldp-vlan-name
  </lldp-vlan-name>
</lldp-exported-vlan-information>
</lldp>
```

Description

<lldp-interface-information>

Usage

```
<lldp-interface-information>
  <lldp-interface-name>
```

```

    lldp-interface-name
  </lldp-interface-name>
  <lldp-interface-status>
    lldp-interface-status
  </lldp-interface-status>
  <lldp-interface-neighbor-count>
    lldp-interface-neighbor-count
  </lldp-interface-neighbor-count>
</lldp-interface-information>

```

Description

<lldp-interface-information>

Usage

```

<lldp>
  <lldp-interface-information>
    <lldp-interface-name>
      lldp-interface-name
    </lldp-interface-name>
    <lldp-interface-status>
      lldp-interface-status
    </lldp-interface-status>
    <lldp-interface-neighbor-count>
      lldp-interface-neighbor-count
    </lldp-interface-neighbor-count>
  </lldp-interface-information>
</lldp>

```

Description

<lldp-interface-statistics>

Usage

```

<lldp-interface-statistics>
  <lldp-statistics-interface-name>
    lldp-statistics-interface-name
  </lldp-statistics-interface-name>
  <lldp-receive-packet-count>
    lldp-receive-packet-count
  </lldp-receive-packet-count>
  <lldp-receive-packet-unknown-tlvs>
    lldp-receive-packet-unknown-tlvs
  </lldp-receive-packet-unknown-tlvs>
  <lldp-receive-packet-error-count>
    lldp-receive-packet-error-count
  </lldp-receive-packet-error-count>
  <lldp-receive-tlv-discard-count>
    lldp-receive-tlv-discard-count
  </lldp-receive-tlv-discard-count>
  <lldp-transmit-packet-count>
    lldp-transmit-packet-count
  </lldp-transmit-packet-count>
  <lldp-transmit-packet-error-count>

```

```
    lldp-transmit-packet-error-count
  </lldp-transmit-packet-error-count>
</lldp-interface-statistics>
```

Description Interface statistics

<lldp-interface-statistics>

Usage

```
<lldp-statistics>
  <lldp-interface-statistics>
    <lldp-statistics-interface-name>
      lldp-statistics-interface-name
    </lldp-statistics-interface-name>
    <lldp-receive-packet-count>
      lldp-receive-packet-count
    </lldp-receive-packet-count>
    <lldp-receive-packet-unknown-tlvs>
      lldp-receive-packet-unknown-tlvs
    </lldp-receive-packet-unknown-tlvs>
    <lldp-receive-packet-error-count>
      lldp-receive-packet-error-count
    </lldp-receive-packet-error-count>
    <lldp-receive-tlv-discard-count>
      lldp-receive-tlv-discard-count
    </lldp-receive-tlv-discard-count>
    <lldp-transmit-packet-count>
      lldp-transmit-packet-count
    </lldp-transmit-packet-count>
    <lldp-transmit-packet-error-count>
      lldp-transmit-packet-error-count
    </lldp-transmit-packet-error-count>
  </lldp-interface-statistics>
</lldp-statistics>
```

Description Interface statistics

<lldp-local-info>

Usage

```
<lldp-local-info>
  <lldp-local-interface-info>....</lldp-local-interface-info>
  <lldp-local-chassis-id>
    lldp-local-chassis-id
  </lldp-local-chassis-id>
  <lldp-local-system-name>
    lldp-local-system-name
  </lldp-local-system-name>
  <lldp-local-system-description>
    lldp-local-system-description
  </lldp-local-system-description>
  <lldp-local-system-capabilities-supported>
    lldp-local-system-capabilities-supported
```



```

</lldp-local-system-capabilities-supported>
<lldp-local-system-capabilities-enabled>
  lldp-local-system-capabilities-enabled
</lldp-local-system-capabilities-enabled>
<lldp-local-management-address-interface-name>
  lldp-local-management-address-interface-name
</lldp-local-management-address-interface-name>
<lldp-local-management-address-subtype>
  lldp-local-management-address-subtype
</lldp-local-management-address-subtype>
<lldp-local-management-address-address>
  lldp-local-management-address-address
</lldp-local-management-address-address>
<lldp-local-management-address-interface-number>
  lldp-local-management-address-interface-number
</lldp-local-management-address-interface-number>
<lldp-local-management-address-interface-number-subtype>
  lldp-local-management-address-interface-number-subtype
</lldp-local-management-address-interface-number-subtype>
</lldp-local-info>

```

Description

<lldp-local-interface-info>

Usage

```

<lldp-local-interface-info>
  <lldp-local-interface-name>
    lldp-local-interface-name
  </lldp-local-interface-name>
  <lldp-local-interface-id>
    lldp-local-interface-id
  </lldp-local-interface-id>
  <lldp-local-interface-description>
    lldp-local-interface-description
  </lldp-local-interface-description>
  <lldp-local-interface-status>
    lldp-local-interface-status
  </lldp-local-interface-status>
</lldp-local-interface-info>

```

Description

<lldp-local-interface-info>

Usage

```

<lldp-local-info>
  <lldp-local-interface-info>
    <lldp-local-interface-name>
      lldp-local-interface-name
    </lldp-local-interface-name>
    <lldp-local-interface-id>
      lldp-local-interface-id
    </lldp-local-interface-id>
  </lldp-local-interface-info>

```

```
<lldp-local-interface-description>
  lldp-local-interface-description
</lldp-local-interface-description>
<lldp-local-interface-status>
  lldp-local-interface-status
</lldp-local-interface-status>
</lldp-local-interface-info>
</lldp-local-info>
```

Description

<lldp-neighbor-information>

Usage

```
<lldp-neighbor-information>
  <lldp-index>
    lldp-index
  </lldp-index>
  <lldp-ttl>
    lldp-ttl
  </lldp-ttl>
  <lldp-timemark>
    lldp-timemark
  </lldp-timemark>
  <lldp-age>
    lldp-age
  </lldp-age>
  <lldp-local-interface>
    lldp-local-interface
  </lldp-local-interface>
  <lldp-local-port-id>
    lldp-local-port-id
  </lldp-local-port-id>
  <lldp-remote-chassis-id-subtype>
    lldp-remote-chassis-id-subtype
  </lldp-remote-chassis-id-subtype>
  <lldp-remote-chassis-id>
    lldp-remote-chassis-id
  </lldp-remote-chassis-id>
  <lldp-remote-port-id-subtype>
    lldp-remote-port-id-subtype
  </lldp-remote-port-id-subtype>
  <lldp-remote-port-id>
    lldp-remote-port-id
  </lldp-remote-port-id>
  <lldp-remote-port-description>
    lldp-remote-port-description
  </lldp-remote-port-description>
  <lldp-remote-system-name>
    lldp-remote-system-name
  </lldp-remote-system-name>
  <lldp-system-description>....</lldp-system-description>
  <lldp-remote-system-capabilities-supported>
    lldp-remote-system-capabilities-supported
  </lldp-remote-system-capabilities-supported>
```

```
<lldp-remote-system-capabilities-enabled>  
  lldp-remote-system-capabilities-enabled  
</lldp-remote-system-capabilities-enabled>  
<lldp-remote-inventory-network-policy>  
  lldp-remote-inventory-network-policy  
</lldp-remote-inventory-network-policy>  
<lldp-remote-inventory-hardware-revision>  
  lldp-remote-inventory-hardware-revision  
</lldp-remote-inventory-hardware-revision>  
<lldp-remote-inventory-firmware-revision>  
  lldp-remote-inventory-firmware-revision  
</lldp-remote-inventory-firmware-revision>  
<lldp-remote-inventory-software-revision>  
  lldp-remote-inventory-software-revision  
</lldp-remote-inventory-software-revision>  
<lldp-remote-inventory-serial-number>  
  lldp-remote-inventory-serial-number  
</lldp-remote-inventory-serial-number>  
<lldp-remote-inventory-manufacturer-name>  
  lldp-remote-inventory-manufacturer-name  
</lldp-remote-inventory-manufacturer-name>  
<lldp-remote-inventory-model-name>  
  lldp-remote-inventory-model-name  
</lldp-remote-inventory-model-name>  
<lldp-remote-inventory-asset-id>  
  lldp-remote-inventory-asset-id  
</lldp-remote-inventory-asset-id>  
<lldp-remote-management-address-type>  
  lldp-remote-management-address-type  
</lldp-remote-management-address-type>  
<lldp-remote-management-address>  
  lldp-remote-management-address  
</lldp-remote-management-address>  
<lldp-remote-management-address-port-id>  
  lldp-remote-management-address-port-id  
</lldp-remote-management-address-port-id>  
<lldp-remote-management-address-sub-type>  
  lldp-remote-management-address-sub-type  
</lldp-remote-management-address-sub-type>  
<lldp-remote-management-address-interface-subtype>  
  lldp-remote-management-address-interface-subtype  
</lldp-remote-management-address-interface-subtype>  
<lldp-remote-management-addr-oid>  
  lldp-remote-management-addr-oid  
</lldp-remote-management-addr-oid>  
<lldp-remote-oui-802-3>  
  lldp-remote-oui-802-3  
</lldp-remote-oui-802-3>  
<lldp-remote-oui-802-1>  
  lldp-remote-oui-802-1  
</lldp-remote-oui-802-1>  
<lldp-remote-subtype>  
  lldp-remote-subtype  
</lldp-remote-subtype>  
<lldp-remote-subtype-vlan>  
  lldp-remote-subtype-vlan
```

```
</lldp-remote-subtype-vlan>
<lldp-remote-subtype-mac>
  lldp-remote-subtype-mac
</lldp-remote-subtype-mac>
<lldp-remote-subtype-lag>
  lldp-remote-subtype-lag
</lldp-remote-subtype-lag>
<lldp-remote-subtype-mtu>
  lldp-remote-subtype-mtu
</lldp-remote-subtype-mtu>
<lldp-remote-index>
  lldp-remote-index
</lldp-remote-index>
<lldp-remote-value>
  lldp-remote-value
</lldp-remote-value>
<lldp-remote-subtype-vlan-id>
  lldp-remote-subtype-vlan-id
</lldp-remote-subtype-vlan-id>
<lldp-remote-subtype-vlan-name>
  lldp-remote-subtype-vlan-name
</lldp-remote-subtype-vlan-name>
<lldp-remote-subtype-mac-autonegotiation>
  lldp-remote-subtype-mac-autonegotiation
</lldp-remote-subtype-mac-autonegotiation>
<lldp-remote-subtype-mac-pmd>
  lldp-remote-subtype-mac-pmd
</lldp-remote-subtype-mac-pmd>
<lldp-remote-subtype-mac-mau>
  lldp-remote-subtype-mac-mau
</lldp-remote-subtype-mac-mau>
<lldp-remote-subtype-lag-status>
  lldp-remote-subtype-lag-status
</lldp-remote-subtype-lag-status>
<lldp-remote-subtype-lag-portid>
  lldp-remote-subtype-lag-portid
</lldp-remote-subtype-lag-portid>
<lldp-remote-subtype-mtu-size>
  lldp-remote-subtype-mtu-size
</lldp-remote-subtype-mtu-size>
<lldp-remote-unknown-tlv-type>
  lldp-remote-unknown-tlv-type
</lldp-remote-unknown-tlv-type>
<lldp-remote-unknown-tlv-info>
  lldp-remote-unknown-tlv-info
</lldp-remote-unknown-tlv-info>
</lldp-neighbor-information>
```

Description

<lldp-neighbor-information>

Usage

```
<lldp-neighbors-information>
<lldp-neighbor-information>
```

```
<lldp-index>
  lldp-index
</lldp-index>
<lldp-ttl>
  lldp-ttl
</lldp-ttl>
<lldp-timemark>
  lldp-timemark
</lldp-timemark>
<lldp-age>
  lldp-age
</lldp-age>
<lldp-local-interface>
  lldp-local-interface
</lldp-local-interface>
<lldp-local-port-id>
  lldp-local-port-id
</lldp-local-port-id>
<lldp-remote-chassis-id-subtype>
  lldp-remote-chassis-id-subtype
</lldp-remote-chassis-id-subtype>
<lldp-remote-chassis-id>
  lldp-remote-chassis-id
</lldp-remote-chassis-id>
<lldp-remote-port-id-subtype>
  lldp-remote-port-id-subtype
</lldp-remote-port-id-subtype>
<lldp-remote-port-id>
  lldp-remote-port-id
</lldp-remote-port-id>
<lldp-remote-port-description>
  lldp-remote-port-description
</lldp-remote-port-description>
<lldp-remote-system-name>
  lldp-remote-system-name
</lldp-remote-system-name>
<lldp-system-description>.....</lldp-system-description>
<lldp-remote-system-capabilities-supported>
  lldp-remote-system-capabilities-supported
</lldp-remote-system-capabilities-supported>
<lldp-remote-system-capabilities-enabled>
  lldp-remote-system-capabilities-enabled
</lldp-remote-system-capabilities-enabled>
<lldp-remote-inventory-network-policy>
  lldp-remote-inventory-network-policy
</lldp-remote-inventory-network-policy>
<lldp-remote-inventory-hardware-revision>
  lldp-remote-inventory-hardware-revision
</lldp-remote-inventory-hardware-revision>
<lldp-remote-inventory-firmware-revision>
  lldp-remote-inventory-firmware-revision
</lldp-remote-inventory-firmware-revision>
<lldp-remote-inventory-software-revision>
  lldp-remote-inventory-software-revision
</lldp-remote-inventory-software-revision>
<lldp-remote-inventory-serial-number>
```

```
    lldp-remote-inventory-serial-number
  </lldp-remote-inventory-serial-number>
  <lldp-remote-inventory-manufacturer-name>
    lldp-remote-inventory-manufacturer-name
  </lldp-remote-inventory-manufacturer-name>
  <lldp-remote-inventory-model-name>
    lldp-remote-inventory-model-name
  </lldp-remote-inventory-model-name>
  <lldp-remote-inventory-asset-id>
    lldp-remote-inventory-asset-id
  </lldp-remote-inventory-asset-id>
  <lldp-remote-management-address-type>
    lldp-remote-management-address-type
  </lldp-remote-management-address-type>
  <lldp-remote-management-address>
    lldp-remote-management-address
  </lldp-remote-management-address>
  <lldp-remote-management-address-port-id>
    lldp-remote-management-address-port-id
  </lldp-remote-management-address-port-id>
  <lldp-remote-management-address-sub-type>
    lldp-remote-management-address-sub-type
  </lldp-remote-management-address-sub-type>
  <lldp-remote-management-address-interface-subtype>
    lldp-remote-management-address-interface-subtype
  </lldp-remote-management-address-interface-subtype>
  <lldp-remote-management-addr-oid>
    lldp-remote-management-addr-oid
  </lldp-remote-management-addr-oid>
  <lldp-remote-oui-802-3>
    lldp-remote-oui-802-3
  </lldp-remote-oui-802-3>
  <lldp-remote-oui-802-1>
    lldp-remote-oui-802-1
  </lldp-remote-oui-802-1>
  <lldp-remote-subtype>
    lldp-remote-subtype
  </lldp-remote-subtype>
  <lldp-remote-subtype-vlan>
    lldp-remote-subtype-vlan
  </lldp-remote-subtype-vlan>
  <lldp-remote-subtype-mac>
    lldp-remote-subtype-mac
  </lldp-remote-subtype-mac>
  <lldp-remote-subtype-lag>
    lldp-remote-subtype-lag
  </lldp-remote-subtype-lag>
  <lldp-remote-subtype-mtu>
    lldp-remote-subtype-mtu
  </lldp-remote-subtype-mtu>
  <lldp-remote-index>
    lldp-remote-index
  </lldp-remote-index>
  <lldp-remote-value>
    lldp-remote-value
  </lldp-remote-value>
```

```

<lldp-remote-subtype-vlan-id>
  lldp-remote-subtype-vlan-id
</lldp-remote-subtype-vlan-id>
<lldp-remote-subtype-vlan-name>
  lldp-remote-subtype-vlan-name
</lldp-remote-subtype-vlan-name>
<lldp-remote-subtype-mac-autonegotiation>
  lldp-remote-subtype-mac-autonegotiation
</lldp-remote-subtype-mac-autonegotiation>
<lldp-remote-subtype-mac-pmd>
  lldp-remote-subtype-mac-pmd
</lldp-remote-subtype-mac-pmd>
<lldp-remote-subtype-mac-mau>
  lldp-remote-subtype-mac-mau
</lldp-remote-subtype-mac-mau>
<lldp-remote-subtype-lag-status>
  lldp-remote-subtype-lag-status
</lldp-remote-subtype-lag-status>
<lldp-remote-subtype-lag-portid>
  lldp-remote-subtype-lag-portid
</lldp-remote-subtype-lag-portid>
<lldp-remote-subtype-mtu-size>
  lldp-remote-subtype-mtu-size
</lldp-remote-subtype-mtu-size>
<lldp-remote-unknown-tlv-type>
  lldp-remote-unknown-tlv-type
</lldp-remote-unknown-tlv-type>
<lldp-remote-unknown-tlv-info>
  lldp-remote-unknown-tlv-info
</lldp-remote-unknown-tlv-info>
</lldp-neighbor-information>
</lldp-neighbors-information>

```

Description

<lldp-neighbors-information>

Usage

```

<lldp-neighbors-information>
  <lldp-neighbor-information>....</lldp-neighbor-information>
</lldp-neighbors-information>

```

Description

<lldp-remote-global-statistics>

Usage

```

<lldp-remote-global-statistics>
  <lldp-last-change-time>
    lldp-last-change-time
  </lldp-last-change-time>
  <lldp-inserts>
    lldp-inserts
  </lldp-inserts>

```

```
<lldp-deletes>
  lldp-deletes
</lldp-deletes>
<lldp-drops>
  lldp-drops
</lldp-drops>
<lldp-ageouts>
  lldp-ageouts
</lldp-ageouts>
</lldp-remote-global-statistics>
```

Description

<lldp-statistics>

Usage

```
<lldp-statistics>
  <lldp-interface-statistics>....</lldp-interface-statistics>
</lldp-statistics>
```

Description

<lldp-system-description>

Usage

```
<lldp-neighbor-information>
  <lldp-system-description>
    <lldp-remote-system-description>
      lldp-remote-system-description
    </lldp-remote-system-description>
  </lldp-system-description>
</lldp-neighbor-information>
```

Description

<lldp-system-description>

Usage

```
<lldp-neighbors-information>
  <lldp-neighbor-information>
    <lldp-system-description>
      <lldp-remote-system-description>
        lldp-remote-system-description
      </lldp-remote-system-description>
    </lldp-system-description>
  </lldp-neighbor-information>
</lldp-neighbors-information>
```

Description

Summary of Local Policy Decision Function Response Tags

<aacl-detail-flows>

Usage

```
<lpdf-flows>
  <aacl-detail-flows>
    <five-tuple>
      five-tuple
    </five-tuple>
    <application>
      application
    </application>
    <flow-direction>
      flow-direction
    </flow-direction>
    <flow-offload-status>
      flow-offload-status
    </flow-offload-status>
    <flow-actions>
      flow-actions
    </flow-actions>
    <packets-in>
      packets-in
    </packets-in>
    <bytes-in>
      bytes-in
    </bytes-in>
  </aac1-detail-flows>
</lpdf-flows>
```

Description Application aware access list detail flows

<aacl-flows>

Usage

```
<lpdf-flows>
  <aacl-flows>
    <five-tuple>
      five-tuple
    </five-tuple>
    <application>
      application
    </application>
    <flow-direction>
      flow-direction
    </flow-direction>
    <flow-offload-status>
      flow-offload-status
    </flow-offload-status>
    <flow-actions>
      flow-actions
    </flow-actions>
```

```
</acl-flows>
</lpdf-flows>
```

Description Application aware access list flows

<flow-header>

Usage

```
<lpdf-flows>
<flow-header>
  <interface-name>
    interface-name
  </interface-name>
  <service-set-interface>
    service-set-interface
  </service-set-interface>
  <service-set-name>
    service-set-name
  </service-set-name>
  <current-number-flows>
    current-number-flows
  </current-number-flows>
  <high-water-flows>
    high-water-flows
  </high-water-flows>
</flow-header>
</lpdf-flows>
```

Description Flows header information

<flows>

Usage

```
<lpdf-flows>
<flows>
  <protocol>
    protocol
  </protocol>
  <source-address>
    source-address
  </source-address>
  <source-port>
    source-port
  </source-port>
  <destination-address>
    destination-address
  </destination-address>
  <destination-port>
    destination-port
  </destination-port>
  <application>
    application
  </application>
```

```

    <application-group>
      application-group
    </application-group>
  </flows>
</lpdf-flows>

```

Description Flows

<lpdf-flows>

Usage

```

<lpdf-flows>
  <flow-header>....</flow-header>
  <flows>....</flows>
  <aacfl-flows>....</aacfl-flows>
  <aacfl-detail-flows>....</aacfl-detail-flows>
</lpdf-flows>

```

Description LPDF flows

<lpdf-message>

Usage

```

<lpdf-message>
  <message>
    message
  </message>
</lpdf-message>

```

Description

<lpdf-statistics>

Usage

```

<lpdf-statistics>
  <statistics-header>....</statistics-header>
  <statistics>....</statistics>
</lpdf-statistics>

```

Description LPDF statistics

<no-lpdf-statistics>

Usage

```

<no-lpdf-statistics>
  <interface>
    interface
  </interface>
</no-lpdf-statistics>

```

Description**<statistics>****Usage**

```
<lpdf-statistics>
  <statistics>
    <application-group>
      application-group
    </application-group>
    <application>
      application
    </application>
    <packets-in>
      packets-in
    </packets-in>
    <bytes-in>
      bytes-in
    </bytes-in>
    <packets-out>
      packets-out
    </packets-out>
    <bytes-out>
      bytes-out
    </bytes-out>
  </statistics>
</lpdf-statistics>
```

Description Statistics**<statistics-header>****Usage**

```
<lpdf-statistics>
  <statistics-header>
    <interface-name>
      interface-name
    </interface-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <service-set-interface>
      service-set-interface
    </service-set-interface>
  </statistics-header>
</lpdf-statistics>
```

Description

CHAPTER 11

Operational Response Tag Elements Common to EX Series, M, MX, and T Series, and QFX Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are common to devices belonging to the following platforms:

- EX Series
- M Series
- MX Series
- T Series
- QFX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of IPSec Response Tags on page 5577

Summary of IPSec Response Tags

<ah-statistics>

Usage

```
<ipsec-service-set-statistics>
  <ipsec-statistics>
    <ah-statistics>
      <ah-input-bytes>
        ah-input-bytes
      </ah-input-bytes>
      <ah-output-bytes>
        ah-output-bytes
      </ah-output-bytes>
      <ah-input-packets>
        ah-input-packets
```

```
</ah-input-packets>
<ah-output-packets>
  ah-output-packets
</ah-output-packets>
</ah-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<ah-statistics>

Usage

```
<ipsec-total-statistics>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <ah-statistics>
        <ah-input-bytes>
          ah-input-bytes
        </ah-input-bytes>
        <ah-output-bytes>
          ah-output-bytes
        </ah-output-bytes>
        <ah-input-packets>
          ah-input-packets
        </ah-input-packets>
        <ah-output-packets>
          ah-output-packets
        </ah-output-packets>
      </ah-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ah-statistics>

Usage

```
<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <ah-statistics>
        <ah-input-bytes>
          ah-input-bytes
        </ah-input-bytes>
        <ah-output-bytes>
          ah-output-bytes
        </ah-output-bytes>
        <ah-input-packets>
          ah-input-packets
        </ah-input-packets>
        <ah-output-packets>
          ah-output-packets
        </ah-output-packets>
      </ah-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

```

    </ah-output-packets>
    </ah-statistics>
  </ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>

```

Description

<alternate-subject-list>

Usage

```

<alternate-subject-list>
  <alternate-subject>
    alternate-subject
  </alternate-subject>
</alternate-subject-list>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-info>

```

Description

<alternate-subject-list>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <alternate-subject-list>
      <alternate-subject>
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-cache-info>
  <alternate-subject-list>
    <alternate-subject>

```

```
alternate-subject
</alternate-subject>
</alternate-subject-list>
</x509-certificate-cache-info>
```

Description

<alternate-subject-list>

Usage

```
<x509-certificate-cache-info-list>
<x509-certificate-cache-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<auto-re-enrollment>

Usage

```
<auto-re-enrollment>
  <auto-re-enrollment-status>
    auto-re-enrollment-status
  </auto-re-enrollment-status>
  <auto-re-enrollment-next-trigger-time>
    auto-re-enrollment-next-trigger-time
  </auto-re-enrollment-next-trigger-time>
</auto-re-enrollment>
```

Description

<auto-re-enrollment>

Usage

```
<x509-certificate-info>
  <auto-re-enrollment>
    <auto-re-enrollment-status>
      auto-re-enrollment-status
    </auto-re-enrollment-status>
    <auto-re-enrollment-next-trigger-time>
      auto-re-enrollment-next-trigger-time
    </auto-re-enrollment-next-trigger-time>
  </auto-re-enrollment>
</x509-certificate-info>
```

Description

<auto-re-enrollment>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <auto-re-enrollment>
      <auto-re-enrollment-status>
        auto-re-enrollment-status
      </auto-re-enrollment-status>
      <auto-re-enrollment-next-trigger-time>
        auto-re-enrollment-next-trigger-time
      </auto-re-enrollment-next-trigger-time>
    </auto-re-enrollment>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description**<ca-certificate-enroll>****Usage**

```

<ca-certificate-enroll>
  <ca-subject>
    ca-subject
  </ca-subject>
  <fingerprint>....</fingerprint>
</ca-certificate-enroll>

```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll>**Usage**

```

<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <ca-subject>
      ca-subject
    </ca-subject>
    <fingerprint>....</fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>

```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll-list>**Usage**

```

<ca-certificate-enroll-list>
  <ca-certificate-enroll-msg>
    ca-certificate-enroll-msg
  </ca-certificate-enroll-msg>
  <ca-certificate-enroll>....</ca-certificate-enroll>

```

```
</ca-certificate-enroll-list>
```

Description**<cert-ca-load-status>****Usage**

```
<cert-ca-load-status>  
  <cert-ca-profile>  
    cert-ca-profile  
  </cert-ca-profile>  
</cert-ca-load-status>
```

Description Certificate Authority certificate load status

<cert-ca-manual-load>**Usage**

```
<cert-ca-manual-load>  
  <fingerprint>....</fingerprint>  
</cert-ca-manual-load>
```

Description CA certificate manual-load prompt

<cert-flag-info>**Usage**

```
<cert-flag-info>  
  <cert-flag-trust>  
    cert-flag-trust  
  </cert-flag-trust>  
  <cert-flag-root>  
    cert-flag-root  
  </cert-flag-root>  
</cert-flag-info>
```

Description Information about state of certificates present in the cache

<cert-flag-info>**Usage**

```
<x509-certificate-cache-info>  
  <cert-flag-info>  
    <cert-flag-trust>  
      cert-flag-trust  
    </cert-flag-trust>  
    <cert-flag-root>  
      cert-flag-root  
    </cert-flag-root>  
  </cert-flag-info>
```

</x509-certificate-cache-info>

Description Information about state of certificates present in the cache

<cert-flag-info>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <cert-flag-info>
      <cert-flag-trust>
        cert-flag-trust
      </cert-flag-trust>
      <cert-flag-root>
        cert-flag-root
      </cert-flag-root>
    </cert-flag-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about state of certificates present in the cache

<cert-key-pair>

Usage

```
<cert-key-pair>
  <cert-key-pair-name>
    cert-key-pair-name
  </cert-key-pair-name>
  <cert-key-pair-size>
    cert-key-pair-size
  </cert-key-pair-size>
</cert-key-pair>
```

Description Generate key pair status

<cert-load-status>

Usage

```
<cert-load-status>
  <cert-certificate-id>
    cert-certificate-id
  </cert-certificate-id>
</cert-load-status>
```

Description Local certificate load status

<cert-request-dump>

Usage

```
<cert-request-dump>
  <cert-request-dump-msg>
    cert-request-dump-msg
  </cert-request-dump-msg>
  <cert-request-dump-file>....</cert-request-dump-file>
  <fingerprint>....</fingerprint>
</cert-request-dump>
```

Description Dump the generated certificate request

<cert-request-dump-file>

Usage

```
<cert-request-dump>
  <cert-request-dump-file>
    <cert-request-dump-file-content>
      cert-request-dump-file-content
    </cert-request-dump-file-content>
  </cert-request-dump-file>
</cert-request-dump>
```

Description File contents

<certificate-information>

Usage

```
<certificate-information>
  <certificates>....</certificates>
  <total-entries>
    total-entries
  </total-entries>
  <active-entries>
    active-entries
  </active-entries>
  <locked-entries>
    locked-entries
  </locked-entries>
  <db-stats>....</db-stats>
</certificate-information>
```

Description

<certificates>

Usage

```
<certificates>
  <cert-subject>
    cert-subject
  </cert-subject>
```

```

<cert-serial>
  cert-serial
</cert-serial>
<cert-id>
  cert-id
</cert-id>
<cert-references>
  cert-references
</cert-references>
<cert-issuer>
  cert-issuer
</cert-issuer>
<cert-trust>
  cert-trust
</cert-trust>
<cert-root>
  cert-root
</cert-root>
<cert-crl>
  cert-crl
</cert-crl>
<cert-before>
  cert-before
</cert-before>
<cert-after>
  cert-after
</cert-after>
<x509>....</x509>
</certificates>

```

Description Information about a single certificate

<certificates>

Usage

```

<certificate-information>
  <certificates>
    <cert-subject>
      cert-subject
    </cert-subject>
    <cert-serial>
      cert-serial
    </cert-serial>
    <cert-id>
      cert-id
    </cert-id>
    <cert-references>
      cert-references
    </cert-references>
    <cert-issuer>
      cert-issuer
    </cert-issuer>
    <cert-trust>
      cert-trust

```

```
</cert-trust>
<cert-root>
  cert-root
</cert-root>
<cert-crl>
  cert-crl
</cert-crl>
<cert-before>
  cert-before
</cert-before>
<cert-after>
  cert-after
</cert-after>
<x509>....</x509>
</certificates>
</certificate-information>
```

Description Information about a single certificate

<crl>

Usage

```
<crl>
  <cert-issuer>
    cert-issuer
  </cert-issuer>
  <cert-id>
    cert-id
  </cert-id>
  <cert-references>
    cert-references
  </cert-references>
  <crl-list>....</crl-list>
</crl>
```

Description

<crl>

Usage

```
<crl-information>
  <crl>
    <cert-issuer>
      cert-issuer
    </cert-issuer>
    <cert-id>
      cert-id
    </cert-id>
    <cert-references>
      cert-references
    </cert-references>
    <crl-list>....</crl-list>
  </crl>
```

</crl-information>

Description

<crl-information>

Usage

```
<crl-information>
  <crl>....</crl>
</crl-information>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<crl-issuer-alternate-subject-list>
  <crl-issuer-alternate-subject>
    crl-issuer-alternate-subject
  </crl-issuer-alternate-subject>
</crl-issuer-alternate-subject-list>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<x509-crl-information>
  <crl-issuer-alternate-subject-list>
    <crl-issuer-alternate-subject>
      crl-issuer-alternate-subject
    </crl-issuer-alternate-subject>
  </crl-issuer-alternate-subject-list>
</x509-crl-information>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-alternate-subject-list>
      <crl-issuer-alternate-subject>
        crl-issuer-alternate-subject
      </crl-issuer-alternate-subject>
    </crl-issuer-alternate-subject-list>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description

<crl-issuer-detail>

Usage

```
<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>....</distinguished-name>
  </crl-issuer-detail>
</x509-crl-information>
```

Description Distinguished name of CRL issuer

<crl-issuer-detail>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-detail>
      <distinguished-name>....</distinguished-name>
    </crl-issuer-detail>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description Distinguished name of CRL issuer

<crl-list>

Usage

```
<crl>
  <crl-list>
    <serial>
      serial
    </serial>
    <revocation-date>
      revocation-date
    </revocation-date>
  </crl-list>
</crl>
```

Description Information about a single CRL entry

<crl-list>

Usage

```
<crl-list>
  <serial>
    serial
  </serial>
  <revocation-date>
    revocation-date
  </revocation-date>
```


</crl-list>

Description Information about a single CRL entry

<crl-list>

Usage

```
<crl-information>
  <crl>
    <crl-list>
      <serial>
        serial
      </serial>
      <revocation-date>
        revocation-date
      </revocation-date>
    </crl-list>
  </crl>
</crl-information>
```

Description Information about a single CRL entry

<crl-load-status>

Usage

```
<crl-load-status>
  <ca-profile-name>
    ca-profile-name
  </ca-profile-name>
</crl-load-status>
```

Description Status of manual load of certificate revocation list

<crl-revocation-list>

Usage

```
<crl-revocation-list>
  <revoked-cert-serial-number>
    revoked-cert-serial-number
  </revoked-cert-serial-number>
  <crl-revocation-date>
    crl-revocation-date
  </crl-revocation-date>
</crl-revocation-list>
```

Description

<crl-revocation-list>

Usage

```
<x509-crl-information>
```

```
<crl-revocation-list>
  <revoked-cert-serial-number>
    revoked-cert-serial-number
  </revoked-cert-serial-number>
  <crl-revocation-date>
    crl-revocation-date
  </crl-revocation-date>
</crl-revocation-list>
</x509-crl-information>
```

Description**<crl-revocation-list>****Usage**

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-revocation-list>
      <revoked-cert-serial-number>
        revoked-cert-serial-number
      </revoked-cert-serial-number>
      <crl-revocation-date>
        crl-revocation-date
      </crl-revocation-date>
    </crl-revocation-list>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

Description**<crl-validity>****Usage**

```
<crl-validity>
  <effective-date>
    effective-date
  </effective-date>
  <next-update>
    next-update
  </next-update>
</crl-validity>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>**Usage**

```
<x509-crl-information>
  <crl-validity>
    <effective-date>
      effective-date
    </effective-date>
    <next-update>
```

```

        next-update
      </next-update>
    </crl-validity>
  </x509-crl-information>

```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>

Usage

```

<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-validity>
      <effective-date>
        effective-date
      </effective-date>
      <next-update>
        next-update
      </next-update>
    </crl-validity>
  </x509-crl-information>
</x509-pki-crl-information-list>

```

Description Information about validity period for X.509 certificate revocation list

<db-stats>

Usage

```

<certificate-information>
  <db-stats>
</db-stats>
</certificate-information>

```

Description

<distinguished-name>

Usage

```

<distinguished-name>
  <organization-name>
    organization-name
  </organization-name>
  <organizational-unit-name>
    organizational-unit-name
  </organizational-unit-name>
  <country-name>
    country-name
  </country-name>
  <state-or-province-name>
    state-or-province-name
  </state-or-province-name>
  <locality-name>

```

```
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
```

Description

<distinguished-name>

Usage

```
<x509-certificate-info>
  <issuer>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </issuer>
</x509-certificate-info>
```

Description

<distinguished-name>

Usage

```

<x509-certificate-info>
  <subject>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </subject>
</x509-certificate-info>

```

Description

<distinguished-name>

Usage

```

<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>

```

```
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
</crl-issuer-detail>
</x509-crl-information>
```

Description

<distinguished-name>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
        </common-name>
        <email-address>
          email-address
        </email-address>
        <domain-component>
          domain-component
        </domain-component>
      </distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<distinguished-name>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
        </common-name>
        <email-address>
          email-address
        </email-address>
        <domain-component>
          domain-component
        </domain-component>
      </distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description**<distinguished-name>****Usage**

```

<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-issuer-detail>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>

```

```
    state-or-province-name
  </state-or-province-name>
  <locality-name>
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
</crl-issuer-detail>
</x509-crl-information>
</x509-pki-crl-information-list>
```

Description**<distribution-crl-list>****Usage**

```
<distribution-crl-list>
  <distribution-crl>
    distribution-crl
  </distribution-crl>
</distribution-crl-list>
```

Description Information about one or more distribution certificate revocation lists**<distribution-crl-list>****Usage**

```
<x509-certificate-info>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</x509-certificate-info>
```

Description Information about one or more distribution certificate revocation lists**<distribution-crl-list>****Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <distribution-crl-list>
      <distribution-crl>
```



```
        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</x509-certificate-cache-info>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <distribution-crl-list>
      <distribution-crl>
        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about one or more distribution certificate revocation lists

<error-statistics>

Usage

```
<ipsec-service-set-statistics>
  <ipsec-statistics>
    <error-statistics>
      <ah-authentication-failures>
        ah-authentication-failures
      </ah-authentication-failures>
      <replay-errors>
        replay-errors
      </replay-errors>
      <esp-authentication-failures>
        esp-authentication-failures
      </esp-authentication-failures>
```

```
<esp-decryption-failures>
  esp-decryption-failures
</esp-decryption-failures>
<replay-pkts>
  replay-pkts
</replay-pkts>
<replay-before-window-drops>
  replay-before-window-drops
</replay-before-window-drops>
<bad-headers>
  bad-headers
</bad-headers>
<bad-trailers>
  bad-trailers
</bad-trailers>
<flow-errors>
  flow-errors
</flow-errors>
<no-sa-errors>
  no-sa-errors
</no-sa-errors>
<ip-integrity-errors>
  ip-integrity-errors
</ip-integrity-errors>
<exceeds-tunnel-mtu>
  exceeds-tunnel-mtu
</exceeds-tunnel-mtu>
<rule-lookup-fail>
  rule-lookup-fail
</rule-lookup-fail>
<misc-errors>
  misc-errors
</misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<error-statistics>

Usage

```
<ipsec-total-statistics>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <error-statistics>
    <ah-authentication-failures>
      ah-authentication-failures
    </ah-authentication-failures>
    <replay-errors>
      replay-errors
    </replay-errors>
    <esp-authentication-failures>
      esp-authentication-failures
    </esp-authentication-failures>
```

```

<esp-decryption-failures>
  esp-decryption-failures
</esp-decryption-failures>
<replay-pkts>
  replay-pkts
</replay-pkts>
<replay-before-window-drops>
  replay-before-window-drops
</replay-before-window-drops>
<bad-headers>
  bad-headers
</bad-headers>
<bad-trailers>
  bad-trailers
</bad-trailers>
<flow-errors>
  flow-errors
</flow-errors>
<no-sa-errors>
  no-sa-errors
</no-sa-errors>
<ip-integrity-errors>
  ip-integrity-errors
</ip-integrity-errors>
<exceeds-tunnel-mtu>
  exceeds-tunnel-mtu
</exceeds-tunnel-mtu>
<rule-lookup-fail>
  rule-lookup-fail
</rule-lookup-fail>
<misc-errors>
  misc-errors
</misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>

```

Description

<error-statistics>

Usage

```

<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <error-statistics>
        <ah-authentication-failures>
          ah-authentication-failures
        </ah-authentication-failures>
        <replay-errors>
          replay-errors
        </replay-errors>
        <esp-authentication-failures>
          esp-authentication-failures

```

```
</esp-authentication-failures>
<esp-decryption-failures>
  esp-decryption-failures
</esp-decryption-failures>
<replay-pkts>
  replay-pkts
</replay-pkts>
<replay-before-window-drops>
  replay-before-window-drops
</replay-before-window-drops>
<bad-headers>
  bad-headers
</bad-headers>
<bad-trailers>
  bad-trailers
</bad-trailers>
<flow-errors>
  flow-errors
</flow-errors>
<no-sa-errors>
  no-sa-errors
</no-sa-errors>
<ip-integrity-errors>
  ip-integrity-errors
</ip-integrity-errors>
<exceeds-tunnel-mtu>
  exceeds-tunnel-mtu
</exceeds-tunnel-mtu>
<rule-lookup-fail>
  rule-lookup-fail
</rule-lookup-fail>
<misc-errors>
  misc-errors
</misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<esp-statistics>

Usage

```
<ipsec-service-set-statistics>
  <ipsec-statistics>
    <esp-statistics>
      <esp-encrypted-bytes>
        esp-encrypted-bytes
      </esp-encrypted-bytes>
      <esp-decrypt-bytes>
        esp-decrypt-bytes
      </esp-decrypt-bytes>
      <esp-encrypted-packets>
        esp-encrypted-packets
```

```

    </esp-encrypted-packets>
    <esp-decryptd-packets>
      esp-decryptd-packets
    </esp-decryptd-packets>
  </esp-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>

```

Description

<esp-statistics>

Usage

```

<ipsec-total-statistics>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <esp-statistics>
        <esp-encrypted-bytes>
          esp-encrypted-bytes
        </esp-encrypted-bytes>
        <esp-decryptd-bytes>
          esp-decryptd-bytes
        </esp-decryptd-bytes>
        <esp-encrypted-packets>
          esp-encrypted-packets
        </esp-encrypted-packets>
        <esp-decryptd-packets>
          esp-decryptd-packets
        </esp-decryptd-packets>
      </esp-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics>

```

Description

<esp-statistics>

Usage

```

<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <esp-statistics>
        <esp-encrypted-bytes>
          esp-encrypted-bytes
        </esp-encrypted-bytes>
        <esp-decryptd-bytes>
          esp-decryptd-bytes
        </esp-decryptd-bytes>
        <esp-encrypted-packets>
          esp-encrypted-packets
        </esp-encrypted-packets>
        <esp-decryptd-packets>
          esp-decryptd-packets

```

```
</esp-decrypt-packets>
</esp-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description**<fingerprint>****Usage**

```
<fingerprint>
  <fingerprint-hash-algorithm>
    fingerprint-hash-algorithm
  </fingerprint-hash-algorithm>
  <fingerprint-content>
    fingerprint-content
  </fingerprint-content>
</fingerprint>
```

Description Fingerprint**<fingerprint>****Usage**

```
<x509-certificate-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-info>
```

Description Fingerprint**<fingerprint>****Usage**

```
<cert-ca-manual-load>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-ca-manual-load>
```

Description Fingerprint

<fingerprint>

Usage

```
<cert-request-dump>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-request-dump>
```

Description Fingerprint

<fingerprint>

Usage

```
<ca-certificate-enroll>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</ca-certificate-enroll>
```

Description Fingerprint

<fingerprint>

Usage

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-cache-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-cache-info>
```

Description Fingerprint

<fingerprint>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Fingerprint

<fips-pic-status>**Usage**

```

<fips-pic-status>
  <fpc-slot>
    fpc-slot
  </fpc-slot>
  <pic-slot>
    pic-slot
  </pic-slot>
  <serial-number>
    serial-number
  </serial-number>
  <authorization-status>
    authorization-status
  </authorization-status>
</fips-pic-status>

```

Description**<fips-pic-status>****Usage**

```

<fips-pic-status-information>
  <fips-pic-status>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <pic-slot>
      pic-slot
    </pic-slot>
    <serial-number>
      serial-number
    </serial-number>
    <authorization-status>
      authorization-status
    </authorization-status>
  </fips-pic-status>
</fips-pic-status-information>

```

Description**<fips-pic-status-information>****Usage**

```

<fips-pic-status-information>
  <fips-pic-status>.....</fips-pic-status>
</fips-pic-status-information>

```

Description

<ike-sa-algorithms>

Usage

```
<ike-sa-algorithms>
  <ike-sa-authentication-algorithm>
    ike-sa-authentication-algorithm
  </ike-sa-authentication-algorithm>
  <ike-sa-encryption-algorithm>
    ike-sa-encryption-algorithm
  </ike-sa-encryption-algorithm>
  <ike-sa-prf-algorithm>
    ike-sa-prf-algorithm
  </ike-sa-prf-algorithm>
  <ike-sa-dhgroup>
    ike-sa-dhgroup
  </ike-sa-dhgroup>
</ike-sa-algorithms>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>
</ike-security-associations>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-algorithms>
      <ike-sa-authentication-algorithm>
        ike-sa-authentication-algorithm
      </ike-sa-authentication-algorithm>
      <ike-sa-encryption-algorithm>
```

```

    ike-sa-encryption-algorithm
  </ike-sa-encryption-algorithm>
  <ike-sa-prf-algorithm>
    ike-sa-prf-algorithm
  </ike-sa-prf-algorithm>
  <ike-sa-dhgroup>
    ike-sa-dhgroup
  </ike-sa-dhgroup>
</ike-sa-algorithms>
</ike-security-associations>
</ike-security-associations-block>

```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```

<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-algorithms>
      <ike-sa-authentication-algorithm>
        ike-sa-authentication-algorithm
      </ike-sa-authentication-algorithm>
      <ike-sa-encryption-algorithm>
        ike-sa-encryption-algorithm
      </ike-sa-encryption-algorithm>
      <ike-sa-prf-algorithm>
        ike-sa-prf-algorithm
      </ike-sa-prf-algorithm>
      <ike-sa-dhgroup>
        ike-sa-dhgroup
      </ike-sa-dhgroup>
    </ike-sa-algorithms>
  </ike-security-associations>
</ike-security-associations-information>

```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-algorithms>
        <ike-sa-authentication-algorithm>
          ike-sa-authentication-algorithm
        </ike-sa-authentication-algorithm>
        <ike-sa-encryption-algorithm>
          ike-sa-encryption-algorithm
        </ike-sa-encryption-algorithm>
        <ike-sa-prf-algorithm>
          ike-sa-prf-algorithm

```

```
</ike-sa-prf-algorithm>
<ike-sa-dhgroup>
  ike-sa-dhgroup
</ike-sa-dhgroup>
</ike-sa-algorithms>
</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Algorithms used with the SA information

<ike-sa-misc>

Usage

```
<ike-sa-misc>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
<ike-sa-num-ipsec-sas-created>
  ike-sa-num-ipsec-sas-created
</ike-sa-num-ipsec-sas-created>
<ike-sa-num-ipsec-sas-deleted>
  ike-sa-num-ipsec-sas-deleted
</ike-sa-num-ipsec-sas-deleted>
<ike-sa-num-phase2-negotiations>
  ike-sa-num-phase2-negotiations
</ike-sa-num-phase2-negotiations>
</ike-sa-misc>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations>
<ike-sa-misc>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
<ike-sa-num-ipsec-sas-created>
  ike-sa-num-ipsec-sas-created
</ike-sa-num-ipsec-sas-created>
<ike-sa-num-ipsec-sas-deleted>
  ike-sa-num-ipsec-sas-deleted
</ike-sa-num-ipsec-sas-deleted>
<ike-sa-num-phase2-negotiations>
  ike-sa-num-phase2-negotiations
</ike-sa-num-phase2-negotiations>
</ike-sa-misc>
</ike-security-associations>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</ike-security-associations-information>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-misc>
        <ike-sa-flags>
          ike-sa-flags
        </ike-sa-flags>
        <ike-sa-num-ipsec-sas-created>
          ike-sa-num-ipsec-sas-created
        </ike-sa-num-ipsec-sas-created>
        <ike-sa-num-ipsec-sas-deleted>
          ike-sa-num-ipsec-sas-deleted
        </ike-sa-num-ipsec-sas-deleted>
        <ike-sa-num-phase2-negotiations>
          ike-sa-num-phase2-negotiations
        </ike-sa-num-phase2-negotiations>
      </ike-sa-misc>
    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>
```

Description Miscellaneous IKE SA information

<ike-sa-phase2-information>

Usage

```
<ike-sa-phase2-information>
  <ike-sa-phase2-type>
    ike-sa-phase2-type
  </ike-sa-phase2-type>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-msg-id>
    ike-sa-msg-id
  </ike-sa-msg-id>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
```

```

<ike-sa-remote-id>
  ike-sa-remote-id
</ike-sa-remote-id>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
</ike-sa-phase2-information>

```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```

<ike-security-associations>
  <ike-sa-phase2-information>
    <ike-sa-phase2-type>
      ike-sa-phase2-type
    </ike-sa-phase2-type>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-msg-id>
      ike-sa-msg-id
    </ike-sa-msg-id>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-sa-local-id>
      ike-sa-local-id
    </ike-sa-local-id>
    <ike-sa-remote-id>
      ike-sa-remote-id
    </ike-sa-remote-id>
    <ike-sa-flags>
      ike-sa-flags
    </ike-sa-flags>
  </ike-sa-phase2-information>
</ike-security-associations>

```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
      <ike-sa-msg-id>
        ike-sa-msg-id
      </ike-sa-msg-id>
      <ike-sa-local-address>
        ike-sa-local-address
      </ike-sa-local-address>
      <ike-sa-local-port>
        ike-sa-local-port
      </ike-sa-local-port>
      <ike-sa-remote-address>
        ike-sa-remote-address
      </ike-sa-remote-address>
      <ike-sa-remote-port>
        ike-sa-remote-port
      </ike-sa-remote-port>
      <ike-sa-local-id>
        ike-sa-local-id
      </ike-sa-local-id>
      <ike-sa-remote-id>
        ike-sa-remote-id
      </ike-sa-remote-id>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
    </ike-sa-phase2-information>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
```



```

<ike-sa-msg-id>
  ike-sa-msg-id
</ike-sa-msg-id>
<ike-sa-local-address>
  ike-sa-local-address
</ike-sa-local-address>
<ike-sa-local-port>
  ike-sa-local-port
</ike-sa-local-port>
<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-local-id>
  ike-sa-local-id
</ike-sa-local-id>
<ike-sa-remote-id>
  ike-sa-remote-id
</ike-sa-remote-id>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations>
</ike-security-associations-information>

```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```

<ike-security-associations-information>
  <ike-sa-phase2-information>
    <ike-sa-phase2-type>
      ike-sa-phase2-type
    </ike-sa-phase2-type>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-msg-id>
      ike-sa-msg-id
    </ike-sa-msg-id>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>

```

```
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
  <ike-sa-remote-id>
    ike-sa-remote-id
  </ike-sa-remote-id>
  <ike-sa-flags>
    ike-sa-flags
  </ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations-information>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-phase2-information>
        <ike-sa-phase2-type>
          ike-sa-phase2-type
        </ike-sa-phase2-type>
        <ike-sa-role>
          ike-sa-role
        </ike-sa-role>
        <ike-sa-msg-id>
          ike-sa-msg-id
        </ike-sa-msg-id>
        <ike-sa-local-address>
          ike-sa-local-address
        </ike-sa-local-address>
        <ike-sa-local-port>
          ike-sa-local-port
        </ike-sa-local-port>
        <ike-sa-remote-address>
          ike-sa-remote-address
        </ike-sa-remote-address>
        <ike-sa-remote-port>
          ike-sa-remote-port
        </ike-sa-remote-port>
        <ike-sa-local-id>
          ike-sa-local-id
        </ike-sa-local-id>
        <ike-sa-remote-id>
          ike-sa-remote-id
        </ike-sa-remote-id>
        <ike-sa-flags>
          ike-sa-flags
        </ike-sa-flags>
      </ike-sa-phase2-information>
```

```

    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>

```

Description Information about phase 2 negotiation

<ike-sa-traffic-statistics>

Usage

```

<ike-sa-traffic-statistics>
  <ike-sa-input-packets>
    ike-sa-input-packets
  </ike-sa-input-packets>
  <ike-sa-output-packets>
    ike-sa-output-packets
  </ike-sa-output-packets>
  <ike-sa-input-bytes>
    ike-sa-input-bytes
  </ike-sa-input-bytes>
  <ike-sa-output-bytes>
    ike-sa-output-bytes
  </ike-sa-output-bytes>
</ike-sa-traffic-statistics>

```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```

<ike-security-associations>
  <ike-sa-traffic-statistics>
    <ike-sa-input-packets>
      ike-sa-input-packets
    </ike-sa-input-packets>
    <ike-sa-output-packets>
      ike-sa-output-packets
    </ike-sa-output-packets>
    <ike-sa-input-bytes>
      ike-sa-input-bytes
    </ike-sa-input-bytes>
    <ike-sa-output-bytes>
      ike-sa-output-bytes
    </ike-sa-output-bytes>
  </ike-sa-traffic-statistics>
</ike-security-associations>

```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</ike-security-associations-information>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-information>
```

```

<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>

```

Description Number of packets and bytes received and transmitted on the SA

<ike-security-associations>

Usage

```

<ike-security-associations>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-state>
    ike-sa-state
  </ike-sa-state>
  <ike-sa-initiator-cookie>
    ike-sa-initiator-cookie
  </ike-sa-initiator-cookie>
  <ike-sa-responder-cookie>
    ike-sa-responder-cookie
  </ike-sa-responder-cookie>
  <ike-sa-exchange-type>
    ike-sa-exchange-type
  </ike-sa-exchange-type>
  <ike-sa-authentication-method>
    ike-sa-authentication-method
  </ike-sa-authentication-method>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>

```

```
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-lifetime>
    ike-sa-lifetime
  </ike-sa-lifetime>
  <ike-sa-algorithms>....</ike-sa-algorithms>
  <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
  <ike-sa-misc>....</ike-sa-misc>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
</ike-security-associations>
```

Description Information about a single security association

<ike-security-associations>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-state>
      ike-sa-state
    </ike-sa-state>
    <ike-sa-initiator-cookie>
      ike-sa-initiator-cookie
    </ike-sa-initiator-cookie>
    <ike-sa-responder-cookie>
      ike-sa-responder-cookie
    </ike-sa-responder-cookie>
    <ike-sa-exchange-type>
      ike-sa-exchange-type
    </ike-sa-exchange-type>
    <ike-sa-authentication-method>
      ike-sa-authentication-method
    </ike-sa-authentication-method>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-sa-lifetime>
      ike-sa-lifetime
    </ike-sa-lifetime>
    <ike-sa-algorithms>....</ike-sa-algorithms>
    <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
    <ike-sa-misc>....</ike-sa-misc>
```

```

    <ike-sa-phase2-information>....</ike-sa-phase2-information>
  </ike-security-associations>
</ike-security-associations-block>

```

Description Information about a single security association

<ike-security-associations>

Usage

```

<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-state>
      ike-sa-state
    </ike-sa-state>
    <ike-sa-initiator-cookie>
      ike-sa-initiator-cookie
    </ike-sa-initiator-cookie>
    <ike-sa-responder-cookie>
      ike-sa-responder-cookie
    </ike-sa-responder-cookie>
    <ike-sa-exchange-type>
      ike-sa-exchange-type
    </ike-sa-exchange-type>
    <ike-sa-authentication-method>
      ike-sa-authentication-method
    </ike-sa-authentication-method>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-sa-lifetime>
      ike-sa-lifetime
    </ike-sa-lifetime>
    <ike-sa-algorithms>....</ike-sa-algorithms>
    <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
    <ike-sa-misc>....</ike-sa-misc>
    <ike-sa-phase2-information>....</ike-sa-phase2-information>
  </ike-security-associations>
</ike-security-associations-information>

```

Description Information about a single security association

<ike-security-associations>

Usage

```
<ike-security-associations-information>
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-state>
      ike-sa-state
    </ike-sa-state>
    <ike-sa-initiator-cookie>
      ike-sa-initiator-cookie
    </ike-sa-initiator-cookie>
    <ike-sa-responder-cookie>
      ike-sa-responder-cookie
    </ike-sa-responder-cookie>
    <ike-sa-exchange-type>
      ike-sa-exchange-type
    </ike-sa-exchange-type>
    <ike-sa-authentication-method>
      ike-sa-authentication-method
    </ike-sa-authentication-method>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-sa-lifetime>
      ike-sa-lifetime
    </ike-sa-lifetime>
    <ike-sa-algorithms>....</ike-sa-algorithms>
    <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
    <ike-sa-misc>....</ike-sa-misc>
    <ike-sa-phase2-information>....</ike-sa-phase2-information>
  </ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Information about a single security association

<ike-security-associations-block>

Usage

```
<ike-security-associations-block>
  <ike-sa-remote-address>
```



```

    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-security-associations>....</ike-security-associations>
</ike-security-associations-block>

```

Description Information about a single security association block

<ike-security-associations-block>

Usage

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-security-associations>....</ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>

```

Description Information about a single security association block

<ike-security-associations-information>

Usage

```

<ike-security-associations-information>
  <ike-security-associations>....</ike-security-associations>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <ike-security-associations-block>....</ike-security-associations-block>
</ike-security-associations-information>

```

Description

<ipsec-pic-redundancy>

Usage

```

<ipsec-pic-redundancy>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-pic-no-information>
    ipsec-redundancy-pic-no-information
  </ipsec-redundancy-pic-no-information>
  <ipsec-pic-redundancy-primary-interface>
    ipsec-pic-redundancy-primary-interface
  </ipsec-pic-redundancy-primary-interface>
  <ipsec-pic-redundancy-backup-interface>
    ipsec-pic-redundancy-backup-interface
  </ipsec-pic-redundancy-backup-interface>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>
  <ipsec-redundancy-backup-state>

```

```
    ipsec-redundancy-backup-state
  </ipsec-redundancy-backup-state>
</ipsec-pic-redundancy>
```

Description Information about ipsec pic redundancy

<ipsec-pic-redundancy>

Usage

```
<ipsec-pic-redundancy-information>
  <ipsec-pic-redundancy>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-pic-no-information>
      ipsec-redundancy-pic-no-information
    </ipsec-redundancy-pic-no-information>
    <ipsec-pic-redundancy-primary-interface>
      ipsec-pic-redundancy-primary-interface
    </ipsec-pic-redundancy-primary-interface>
    <ipsec-pic-redundancy-backup-interface>
      ipsec-pic-redundancy-backup-interface
    </ipsec-pic-redundancy-backup-interface>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </ipsec-pic-redundancy>
</ipsec-pic-redundancy-information>
```

Description Information about ipsec pic redundancy

<ipsec-pic-redundancy-information>

Usage

```
<ipsec-pic-redundancy-information>
  <ipsec-pic-redundancy> .... </ipsec-pic-redundancy>
</ipsec-pic-redundancy-information>
```

Description

<ipsec-service-set-statistics>

Usage

```
<ipsec-service-set-statistics>
  <pic-name>
    pic-name
  </pic-name>
  <service-set-name>
    service-set-name
```

```
</service-set-name>
<ipsec-statistics>....</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<ipsec-service-set-statistics>

Usage

```
<ipsec-total-statistics>
<ipsec-service-set-statistics>
  <pic-name>
    pic-name
  </pic-name>
  <service-set-name>
    service-set-name
  </service-set-name>
  <ipsec-statistics>....</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ipsec-service-set-statistics>

Usage

```
<ipsec-total-statistics-information>
<ipsec-service-set-statistics>
  <pic-name>
    pic-name
  </pic-name>
  <service-set-name>
    service-set-name
  </service-set-name>
  <ipsec-statistics>....</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<ipsec-statistics>

Usage

```
<ipsec-service-set-statistics>
<ipsec-statistics>
  <local-gateway>
    local-gateway
  </local-gateway>
  <remote-gateway>
    remote-gateway
  </remote-gateway>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
```

```
<esp-statistics>....</esp-statistics>
<ah-statistics>....</ah-statistics>
<error-statistics>....</error-statistics>
<statistics-no-information>
  statistics-no-information
</statistics-no-information>
</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<ipsec-statistics>

Usage

```
<ipsec-total-statistics>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <local-gateway>
    local-gateway
  </local-gateway>
  <remote-gateway>
    remote-gateway
  </remote-gateway>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
  <esp-statistics>....</esp-statistics>
  <ah-statistics>....</ah-statistics>
  <error-statistics>....</error-statistics>
  <statistics-no-information>
    statistics-no-information
  </statistics-no-information>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ipsec-statistics>

Usage

```
<ipsec-total-statistics-information>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <local-gateway>
    local-gateway
  </local-gateway>
  <remote-gateway>
    remote-gateway
  </remote-gateway>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
  <esp-statistics>....</esp-statistics>
```

```

<ah-statistics>....</ah-statistics>
<error-statistics>....</error-statistics>
<statistics-no-information>
  statistics-no-information
</statistics-no-information>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>

```

Description

<ipsec-total-statistics>

Usage

```

<ipsec-total-statistics>
  <ipsec-service-set-statistics>....</ipsec-service-set-statistics>
</ipsec-total-statistics>

```

Description

<ipsec-total-statistics-information>

Usage

```

<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>....</ipsec-service-set-statistics>
</ipsec-total-statistics-information>

```

Description

<ipsec-tunnel-redundancy>

Usage

```

<ipsec-tunnel-redundancy>
  <sa-name>
    sa-name
  </sa-name>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-tunnel-no-information>
    ipsec-redundancy-tunnel-no-information
  </ipsec-redundancy-tunnel-no-information>
  <ipsec-tunnel-redundancy-local-address>
    ipsec-tunnel-redundancy-local-address
  </ipsec-tunnel-redundancy-local-address>
  <ipsec-tunnel-redundancy-primary-remote-address>
    ipsec-tunnel-redundancy-primary-remote-address
  </ipsec-tunnel-redundancy-primary-remote-address>
  <ipsec-tunnel-redundancy-backup-remote-address>
    ipsec-tunnel-redundancy-backup-remote-address
  </ipsec-tunnel-redundancy-backup-remote-address>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>

```

```
<ipsec-redundancy-backup-state>
  ipsec-redundancy-backup-state
</ipsec-redundancy-backup-state>
</ipsec-tunnel-redundancy>
```

Description Information about ipsec tunnel redundancy

<ipsec-tunnel-redundancy>

Usage

```
<ipsec-tunnel-redundancy-information>
  <ipsec-tunnel-redundancy>
    <sa-name>
      sa-name
    </sa-name>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-tunnel-no-information>
      ipsec-redundancy-tunnel-no-information
    </ipsec-redundancy-tunnel-no-information>
    <ipsec-tunnel-redundancy-local-address>
      ipsec-tunnel-redundancy-local-address
    </ipsec-tunnel-redundancy-local-address>
    <ipsec-tunnel-redundancy-primary-remote-address>
      ipsec-tunnel-redundancy-primary-remote-address
    </ipsec-tunnel-redundancy-primary-remote-address>
    <ipsec-tunnel-redundancy-backup-remote-address>
      ipsec-tunnel-redundancy-backup-remote-address
    </ipsec-tunnel-redundancy-backup-remote-address>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </ipsec-tunnel-redundancy>
</ipsec-tunnel-redundancy-information>
```

Description Information about ipsec tunnel redundancy

<ipsec-tunnel-redundancy-information>

Usage

```
<ipsec-tunnel-redundancy-information>
  <ipsec-tunnel-redundancy>....</ipsec-tunnel-redundancy>
</ipsec-tunnel-redundancy-information>
```

Description

<issue-info>**Usage**

```
<issue-info>
  <recipient>
    recipient
  </recipient>
  <issued-by>
    issued-by
  </issued-by>
</issue-info>
```

Description**<issue-info>****Usage**

```
<x509-certificate-info>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</x509-certificate-info>
```

Description**<issue-info>****Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description**<issue-info>****Usage**

```
<x509-certificate-cache-info>
  <issue-info>
```

```
<recipient>
  recipient
</recipient>
<issued-by>
  issued-by
</issued-by>
</issue-info>
</x509-certificate-cache-info>
```

Description

<issue-info>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<issuer>

Usage

```
<x509-certificate-info>
  <issuer>
    <distinguished-name>....</distinguished-name>
  </issuer>
</x509-certificate-info>
```

Description Identifies the CA that issued certificate

<issuer>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>....</distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Identifies the CA that issued certificate

<key-usage-list>**Usage**

```
<key-usage-list>
  <key-usage>
    key-usage
  </key-usage>
</key-usage-list>
```

Description**<key-usage-list>****Usage**

```
<x509-certificate-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</x509-certificate-info>
```

Description**<key-usage-list>****Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description**<key-usage-list>****Usage**

```
<x509-certificate-cache-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</x509-certificate-cache-info>
```

Description

<key-usage-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<kmd-memory-usage>

Usage

```
<kmd-memory-usage>
  <memory-block-type>
    memory-block-type
  </memory-block-type>
  <memory-in-use>
    memory-in-use
  </memory-in-use>
</kmd-memory-usage>
```

Description Information about key management daemon memory usage

<kmd-memory-usage>

Usage

```
<kmd-memory-usage-information>
  <kmd-memory-usage>
    <memory-block-type>
      memory-block-type
    </memory-block-type>
    <memory-in-use>
      memory-in-use
    </memory-in-use>
  </kmd-memory-usage>
</kmd-memory-usage-information>
```

Description Information about key management daemon memory usage

<kmd-memory-usage-information>

Usage

```
<kmd-memory-usage-information>
  <kmd-memory-usage>....</kmd-memory-usage>
</kmd-memory-usage-information>
```

Description**<pki-scep>****Usage**

```

<pki-scep>
  <url>
    url
  </url>
  <ca-name>
    ca-name
  </ca-name>
  <ca-file>
    ca-file
  </ca-file>
  <key>
    key
  </key>
  <certificate-subject>
    certificate-subject
  </certificate-subject>
  <certificate-dns>
    certificate-dns
  </certificate-dns>
  <certificate-alternate-subject>
    certificate-alternate-subject
  </certificate-alternate-subject>
  <encoding>
    encoding
  </encoding>
  <message>
    message
  </message>
</pki-scep>

```

Description Simple Certificate Enrollment Protocol

<public-key>**Usage**

```

<public-key>
  <public-key-algorithm>
    public-key-algorithm
  </public-key-algorithm>
  <public-key-length>
    public-key-length
  </public-key-length>
  <public-key-verification-status>
    public-key-verification-status
  </public-key-verification-status>
</public-key>

```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-info>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-cache-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
```

```

        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-cache-info>

```

Description Information about an X.509 public key

<public-key>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Information about an X.509 public key

<public-key-contents-list>

Usage

```

<public-key-contents-list>
  <key-contents>
    key-contents
  </key-contents>
</public-key-contents-list>

```

Description

<public-key-contents-list>

Usage

```

<x509-certificate-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-info>

```

Description

<public-key-contents-list>**Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description**<public-key-contents-list>****Usage**

```
<x509-certificate-cache-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-cache-info>
```

Description**<public-key-contents-list>****Usage**

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description**<sa-tunnel-information>****Usage**

```
<security-associations-block>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
  </sa-tunnel-information>
</security-associations-block>
```

```

</sa-term-name>
<sa-tunnel-index>
  sa-tunnel-index
</sa-tunnel-index>
<sa-local-gateway>
  sa-local-gateway
</sa-local-gateway>
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-local-identity>
  sa-local-identity
</sa-local-identity>
<sa-remote-identity>
  sa-remote-identity
</sa-remote-identity>
<sa-inside-interface>
  sa-inside-interface
</sa-inside-interface>
<sa-tunnel-mtu>
  sa-tunnel-mtu
</sa-tunnel-mtu>
<sa-no-information>
  sa-no-information
</sa-no-information>
</sa-tunnel-information>
</security-associations-block>

```

Description

<sa-tunnel-information>

Usage

```

<services-security-associations-block>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity

```

```
</sa-remote-identity>
<sa-inside-interface>
  sa-inside-interface
</sa-inside-interface>
<sa-tunnel-mtu>
  sa-tunnel-mtu
</sa-tunnel-mtu>
<sa-no-information>
  sa-no-information
</sa-no-information>
</sa-tunnel-information>
</services-security-associations-block>
```

Description

<sa-tunnel-information>

Usage

```
<sa-tunnel-information>
  <sa-rule-name>
    sa-rule-name
  </sa-rule-name>
  <sa-term-name>
    sa-term-name
  </sa-term-name>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-local-gateway>
    sa-local-gateway
  </sa-local-gateway>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-local-identity>
    sa-local-identity
  </sa-local-identity>
  <sa-remote-identity>
    sa-remote-identity
  </sa-remote-identity>
  <sa-inside-interface>
    sa-inside-interface
  </sa-inside-interface>
  <sa-tunnel-mtu>
    sa-tunnel-mtu
  </sa-tunnel-mtu>
  <sa-no-information>
    sa-no-information
  </sa-no-information>
</sa-tunnel-information>
```

Description

<sa-tunnel-information>**Usage**

```

<security-associations-information>
  <security-associations-block>
    <sa-tunnel-information>
      <sa-rule-name>
        sa-rule-name
      </sa-rule-name>
      <sa-term-name>
        sa-term-name
      </sa-term-name>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-local-gateway>
        sa-local-gateway
      </sa-local-gateway>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
      <sa-local-identity>
        sa-local-identity
      </sa-local-identity>
      <sa-remote-identity>
        sa-remote-identity
      </sa-remote-identity>
      <sa-inside-interface>
        sa-inside-interface
      </sa-inside-interface>
      <sa-tunnel-mtu>
        sa-tunnel-mtu
      </sa-tunnel-mtu>
      <sa-no-information>
        sa-no-information
      </sa-no-information>
    </sa-tunnel-information>
  </security-associations-block>
</security-associations-information>

```

Description**<sa-tunnel-information>****Usage**

```

<security-associations-information>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index

```

```
</sa-tunnel-index>
<sa-local-gateway>
  sa-local-gateway
</sa-local-gateway>
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-local-identity>
  sa-local-identity
</sa-local-identity>
<sa-remote-identity>
  sa-remote-identity
</sa-remote-identity>
<sa-inside-interface>
  sa-inside-interface
</sa-inside-interface>
<sa-tunnel-mtu>
  sa-tunnel-mtu
</sa-tunnel-mtu>
<sa-no-information>
  sa-no-information
</sa-no-information>
</sa-tunnel-information>
</security-associations-information>
```

Description

<sa-tunnel-information>

Usage

```
<services-security-associations-information>
  <services-security-associations-block>
    <sa-tunnel-information>
      <sa-rule-name>
        sa-rule-name
      </sa-rule-name>
      <sa-term-name>
        sa-term-name
      </sa-term-name>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-local-gateway>
        sa-local-gateway
      </sa-local-gateway>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
      <sa-local-identity>
        sa-local-identity
      </sa-local-identity>
      <sa-remote-identity>
        sa-remote-identity
      </sa-remote-identity>
      <sa-inside-interface>
```

```

    sa-inside-interface
  </sa-inside-interface>
  <sa-tunnel-mtu>
    sa-tunnel-mtu
  </sa-tunnel-mtu>
  <sa-no-information>
    sa-no-information
  </sa-no-information>
</sa-tunnel-information>
</services-security-associations-block>
</services-security-associations-information>

```

Description

<sa-tunnel-information>

Usage

```

<services-security-associations-information>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-inside-interface>
      sa-inside-interface
    </sa-inside-interface>
    <sa-tunnel-mtu>
      sa-tunnel-mtu
    </sa-tunnel-mtu>
    <sa-no-information>
      sa-no-information
    </sa-no-information>
  </sa-tunnel-information>
</services-security-associations-information>

```

Description

<security-associations>

Usage

```
<security-associations-block>
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-state>
    sa-state
  </sa-state>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-authentication-key>
    sa-authentication-key
  </sa-authentication-key>
  <sa-encryption-key>
    sa-encryption-key
  </sa-encryption-key>
</security-associations>
</security-associations-block>
```

Description Information about a single security association

<security-associations>

Usage

```

<services-security-associations-block>
  <security-associations>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-spi>
      sa-spi
    </sa-spi>
    <sa-aux-spi>
      sa-aux-spi
    </sa-aux-spi>
    <sa-state>
      sa-state
    </sa-state>
    <sa-mode>
      sa-mode
    </sa-mode>
    <sa-type>
      sa-type
    </sa-type>
    <sa-protocol>
      sa-protocol
    </sa-protocol>
    <sa-authentication-algorithm>
      sa-authentication-algorithm
    </sa-authentication-algorithm>
    <sa-encryption-algorithm>
      sa-encryption-algorithm
    </sa-encryption-algorithm>
    <sa-soft-lifetime>
      sa-soft-lifetime
    </sa-soft-lifetime>
    <sa-hard-lifetime>
      sa-hard-lifetime
    </sa-hard-lifetime>
    <sa-anti-replay-service>
      sa-anti-replay-service
    </sa-anti-replay-service>
    <sa-replay-window-size>
      sa-replay-window-size
    </sa-replay-window-size>
    <sa-authentication-key>
      sa-authentication-key
    </sa-authentication-key>
    <sa-encryption-key>
      sa-encryption-key
    </sa-encryption-key>
  </security-associations>
</services-security-associations-block>

```

Description Information about a single security association

<security-associations>

Usage

```
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-state>
    sa-state
  </sa-state>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-authentication-key>
    sa-authentication-key
  </sa-authentication-key>
  <sa-encryption-key>
    sa-encryption-key
  </sa-encryption-key>
</security-associations>
```

Description Information about a single security association

<security-associations>

Usage

```

<security-associations-information>
  <security-associations-block>
    <security-associations>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-spi>
        sa-spi
      </sa-spi>
      <sa-aux-spi>
        sa-aux-spi
      </sa-aux-spi>
      <sa-state>
        sa-state
      </sa-state>
      <sa-mode>
        sa-mode
      </sa-mode>
      <sa-type>
        sa-type
      </sa-type>
      <sa-protocol>
        sa-protocol
      </sa-protocol>
      <sa-authentication-algorithm>
        sa-authentication-algorithm
      </sa-authentication-algorithm>
      <sa-encryption-algorithm>
        sa-encryption-algorithm
      </sa-encryption-algorithm>
      <sa-soft-lifetime>
        sa-soft-lifetime
      </sa-soft-lifetime>
      <sa-hard-lifetime>
        sa-hard-lifetime
      </sa-hard-lifetime>
      <sa-anti-replay-service>
        sa-anti-replay-service
      </sa-anti-replay-service>
      <sa-replay-window-size>
        sa-replay-window-size
      </sa-replay-window-size>
      <sa-authentication-key>
        sa-authentication-key
      </sa-authentication-key>
      <sa-encryption-key>
        sa-encryption-key
      </sa-encryption-key>
    </security-associations>
  </security-associations-block>
</security-associations-information>

```

Description Information about a single security association

<security-associations>

Usage

```
<security-associations-information>
  <security-associations>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-spi>
      sa-spi
    </sa-spi>
    <sa-aux-spi>
      sa-aux-spi
    </sa-aux-spi>
    <sa-state>
      sa-state
    </sa-state>
    <sa-mode>
      sa-mode
    </sa-mode>
    <sa-type>
      sa-type
    </sa-type>
    <sa-protocol>
      sa-protocol
    </sa-protocol>
    <sa-authentication-algorithm>
      sa-authentication-algorithm
    </sa-authentication-algorithm>
    <sa-encryption-algorithm>
      sa-encryption-algorithm
    </sa-encryption-algorithm>
    <sa-soft-lifetime>
      sa-soft-lifetime
    </sa-soft-lifetime>
    <sa-hard-lifetime>
      sa-hard-lifetime
    </sa-hard-lifetime>
    <sa-anti-replay-service>
      sa-anti-replay-service
    </sa-anti-replay-service>
    <sa-replay-window-size>
      sa-replay-window-size
    </sa-replay-window-size>
    <sa-authentication-key>
      sa-authentication-key
    </sa-authentication-key>
    <sa-encryption-key>
      sa-encryption-key
    </sa-encryption-key>
  </security-associations>
</security-associations-information>
```


Description Information about a single security association

<security-associations>

Usage

```
<services-security-associations-information>
  <services-security-associations-block>
    <security-associations>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-spi>
        sa-spi
      </sa-spi>
      <sa-aux-spi>
        sa-aux-spi
      </sa-aux-spi>
      <sa-state>
        sa-state
      </sa-state>
      <sa-mode>
        sa-mode
      </sa-mode>
      <sa-type>
        sa-type
      </sa-type>
      <sa-protocol>
        sa-protocol
      </sa-protocol>
      <sa-authentication-algorithm>
        sa-authentication-algorithm
      </sa-authentication-algorithm>
      <sa-encryption-algorithm>
        sa-encryption-algorithm
      </sa-encryption-algorithm>
      <sa-soft-lifetime>
        sa-soft-lifetime
      </sa-soft-lifetime>
      <sa-hard-lifetime>
        sa-hard-lifetime
      </sa-hard-lifetime>
      <sa-anti-replay-service>
        sa-anti-replay-service
      </sa-anti-replay-service>
      <sa-replay-window-size>
        sa-replay-window-size
      </sa-replay-window-size>
      <sa-authentication-key>
        sa-authentication-key
      </sa-authentication-key>
      <sa-encryption-key>
        sa-encryption-key
      </sa-encryption-key>
    </security-associations>
  </services-security-associations-block>
```

</services-security-associations-information>

Description Information about a single security association

<security-associations>

Usage

```
<services-security-associations-information>
  <security-associations>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-spi>
      sa-spi
    </sa-spi>
    <sa-aux-spi>
      sa-aux-spi
    </sa-aux-spi>
    <sa-state>
      sa-state
    </sa-state>
    <sa-mode>
      sa-mode
    </sa-mode>
    <sa-type>
      sa-type
    </sa-type>
    <sa-protocol>
      sa-protocol
    </sa-protocol>
    <sa-authentication-algorithm>
      sa-authentication-algorithm
    </sa-authentication-algorithm>
    <sa-encryption-algorithm>
      sa-encryption-algorithm
    </sa-encryption-algorithm>
    <sa-soft-lifetime>
      sa-soft-lifetime
    </sa-soft-lifetime>
    <sa-hard-lifetime>
      sa-hard-lifetime
    </sa-hard-lifetime>
    <sa-anti-replay-service>
      sa-anti-replay-service
    </sa-anti-replay-service>
    <sa-replay-window-size>
      sa-replay-window-size
    </sa-replay-window-size>
    <sa-authentication-key>
      sa-authentication-key
    </sa-authentication-key>
    <sa-encryption-key>
      sa-encryption-key
    </sa-encryption-key>
```

```
</security-associations>
</services-security-associations-information>
```

Description Information about a single security association

<security-associations-block>

Usage

```
<security-associations-block>
  <sa-name>
    sa-name
  </sa-name>
  <sa-block-state>
    sa-block-state
  </sa-block-state>
  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
</security-associations-block>
```

Description Information about a single security association block

<security-associations-block>

Usage

```
<security-associations-information>
  <security-associations-block>
    <sa-name>
      sa-name
    </sa-name>
    <sa-block-state>
      sa-block-state
    </sa-block-state>
    <sa-tunnel-information>....</sa-tunnel-information>
    <security-associations>....</security-associations>
  </security-associations-block>
</security-associations-information>
```

Description Information about a single security association block

<security-associations-information>

Usage

```
<security-associations-information>
  <security-associations-block>....</security-associations-block>
  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
</security-associations-information>
```

Description

<serial-number-list>**Usage**

```
<serial-number-list>
  <serial-number-x509>
    serial-number-x509
  </serial-number-x509>
</serial-number-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-certificate-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>**Usage**

```
<x509-certificate-cache-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-cache-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Serial numbers of one or more X.509 certificate

<service-set-info>

Usage

```
<service-set-info>
  <service-set-name>
    service-set-name
  </service-set-name>
  <total-cert-entries>
    total-cert-entries
  </total-cert-entries>
</service-set-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>

Usage

```
<x509-certificate-cache-info>
  <service-set-info>
    <service-set-name>
      service-set-name
    </service-set-name>
    <total-cert-entries>
      total-cert-entries
    </total-cert-entries>
  </service-set-info>
</x509-certificate-cache-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>

Usage

```
<x509-certificate-cache-info-list>
```

```
<x509-certificate-cache-info>
  <service-set-info>
    <service-set-name>
      service-set-name
    </service-set-name>
    <total-cert-entries>
      total-cert-entries
    </total-cert-entries>
  </service-set-info>
</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about service set and certificate cache statistics

<services-security-associations-block>

Usage

```
<services-security-associations-block>
  <svc-set-name>
    svc-set-name
  </svc-set-name>
  <outside-service-interface-routing-instance>
    outside-service-interface-routing-instance
  </outside-service-interface-routing-instance>
  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
  <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
</services-security-associations-block>
```

Description Information about a single services security associations block

<services-security-associations-block>

Usage

```
<services-security-associations-information>
  <services-security-associations-block>
    <svc-set-name>
      svc-set-name
    </svc-set-name>
    <outside-service-interface-routing-instance>
      outside-service-interface-routing-instance
    </outside-service-interface-routing-instance>
    <sa-tunnel-information>....</sa-tunnel-information>
    <security-associations>....</security-associations>
    <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
  </services-security-associations-block>
</services-security-associations-information>
```

Description Information about a single services security associations block

<services-security-associations-information>**Usage**

```

<services-security-associations-information>
  <services-security-associations-block>....</services-security-associations-block>

  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
  <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
</services-security-associations-information>

```

Description**<subject>****Usage**

```

<x509-certificate-info>
  <subject>
    <distinguished-name>....</distinguished-name>
  </subject>
</x509-certificate-info>

```

Description Information about certificate owner

<subject>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>....</distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description Information about certificate owner

<tunnel-redundancy-extensive>**Usage**

```

<tunnel-redundancy-extensive>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-tunnel-no-information>
    ipsec-redundancy-tunnel-no-information
  </ipsec-redundancy-tunnel-no-information>
  <ipsec-tunnel-redundancy-primary-remote-address>
    ipsec-tunnel-redundancy-primary-remote-address
  </ipsec-tunnel-redundancy-primary-remote-address>
  <ipsec-tunnel-redundancy-backup-remote-address>
    ipsec-tunnel-redundancy-backup-remote-address

```

```
</ipsec-tunnel-redundancy-backup-remote-address>
<ipsec-redundancy-primary-state>
  ipsec-redundancy-primary-state
</ipsec-redundancy-primary-state>
<ipsec-redundancy-backup-state>
  ipsec-redundancy-backup-state
</ipsec-redundancy-backup-state>
</tunnel-redundancy-extensive>
```

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>

Usage

```
<services-security-associations-block>
  <tunnel-redundancy-extensive>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-tunnel-no-information>
      ipsec-redundancy-tunnel-no-information
    </ipsec-redundancy-tunnel-no-information>
    <ipsec-tunnel-redundancy-primary-remote-address>
      ipsec-tunnel-redundancy-primary-remote-address
    </ipsec-tunnel-redundancy-primary-remote-address>
    <ipsec-tunnel-redundancy-backup-remote-address>
      ipsec-tunnel-redundancy-backup-remote-address
    </ipsec-tunnel-redundancy-backup-remote-address>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </tunnel-redundancy-extensive>
</services-security-associations-block>
```

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>

Usage

```
<services-security-associations-information>
  <services-security-associations-block>
    <tunnel-redundancy-extensive>
      <ipsec-redundancy-counter>
        ipsec-redundancy-counter
      </ipsec-redundancy-counter>
      <ipsec-redundancy-tunnel-no-information>
        ipsec-redundancy-tunnel-no-information
      </ipsec-redundancy-tunnel-no-information>
      <ipsec-tunnel-redundancy-primary-remote-address>
        ipsec-tunnel-redundancy-primary-remote-address
```



```

</ipsec-tunnel-redundancy-primary-remote-address>
<ipsec-tunnel-redundancy-backup-remote-address>
  ipsec-tunnel-redundancy-backup-remote-address
</ipsec-tunnel-redundancy-backup-remote-address>
<ipsec-redundancy-primary-state>
  ipsec-redundancy-primary-state
</ipsec-redundancy-primary-state>
<ipsec-redundancy-backup-state>
  ipsec-redundancy-backup-state
</ipsec-redundancy-backup-state>
</tunnel-redundancy-extensive>
</services-security-associations-block>
</services-security-associations-information>

```

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>

Usage

```

<services-security-associations-information>
<tunnel-redundancy-extensive>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-tunnel-no-information>
    ipsec-redundancy-tunnel-no-information
  </ipsec-redundancy-tunnel-no-information>
  <ipsec-tunnel-redundancy-primary-remote-address>
    ipsec-tunnel-redundancy-primary-remote-address
  </ipsec-tunnel-redundancy-primary-remote-address>
  <ipsec-tunnel-redundancy-backup-remote-address>
    ipsec-tunnel-redundancy-backup-remote-address
  </ipsec-tunnel-redundancy-backup-remote-address>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>
  <ipsec-redundancy-backup-state>
    ipsec-redundancy-backup-state
  </ipsec-redundancy-backup-state>
</tunnel-redundancy-extensive>
</services-security-associations-information>

```

Description Information about IPSec tunnel redundancy

<validity>

Usage

```

<validity>
  <not-before>
    not-before
  </not-before>
  <not-after>
    not-after

```

```
</not-after>
</validity>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
</x509-certificate-info>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-cache-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
```

```
</x509-certificate-cache-info>
```

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about validity period for X.509 certificate

<x509>

Usage

```
<certificates>
  <x509>
    <x509-ip>
      x509-ip
    </x509-ip>
    <x509-dns>
      x509-dns
    </x509-dns>
    <x509-uri>
      x509-uri
    </x509-uri>
    <x509-email>
      x509-email
    </x509-email>
  </x509>
</certificates>
```

Description Information about a single x509 record

<x509>

Usage

```
<x509>
  <x509-ip>
    x509-ip
  </x509-ip>
```

```
<x509-dns>
  x509-dns
</x509-dns>
<x509-uri>
  x509-uri
</x509-uri>
<x509-email>
  x509-email
</x509-email>
</x509>
```

Description Information about a single x509 record

<x509>

Usage

```
<certificate-information>
  <certificates>
    <x509>
      <x509-ip>
        x509-ip
      </x509-ip>
      <x509-dns>
        x509-dns
      </x509-dns>
      <x509-uri>
        x509-uri
      </x509-uri>
      <x509-email>
        x509-email
      </x509-email>
    </x509>
  </certificates>
</certificate-information>
```

Description Information about a single x509 record

<x509-certificate-cache-info>

Usage

```
<x509-certificate-cache-info>
  <service-set-info>....</service-set-info>
  <cert-flag-info>....</cert-flag-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
```

```

</signature-algorithm>
<identifier>
  identifier
</identifier>
<validity>....</validity>
<version>
  version
</version>
<certificate-cache-entry>
  certificate-cache-entry
</certificate-cache-entry>
</x509-certificate-cache-info>

```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <service-set-info>....</service-set-info>
    <cert-flag-info>....</cert-flag-info>
    <issue-info>....</issue-info>
    <serial-number-list>....</serial-number-list>
    <public-key>....</public-key>
    <fingerprint>....</fingerprint>
    <public-key-contents-list>....</public-key-contents-list>
    <alternate-subject-list>....</alternate-subject-list>
    <key-usage-list>....</key-usage-list>
    <distribution-crl-list>....</distribution-crl-list>
    <signature-algorithm>
      signature-algorithm
    </signature-algorithm>
    <identifier>
      identifier
    </identifier>
    <validity>....</validity>
    <version>
      version
    </version>
    <certificate-cache-entry>
      certificate-cache-entry
    </certificate-cache-entry>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info-list>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>....</x509-certificate-cache-info>

```

</x509-certificate-cache-info-list>

Description Details of X.509 certificates present in the cache

<x509-certificate-info>

Usage

```
<x509-certificate-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier
  </identifier>
  <validity>....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>....</issuer>
  <subject>....</subject>
</x509-certificate-info>
```

Description Detailed information about an X.509 certificate

<x509-certificate-info>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issue-info>....</issue-info>
    <serial-number-list>....</serial-number-list>
    <public-key>....</public-key>
    <fingerprint>....</fingerprint>
    <public-key-contents-list>....</public-key-contents-list>
    <alternate-subject-list>....</alternate-subject-list>
    <key-usage-list>....</key-usage-list>
    <distribution-crl-list>....</distribution-crl-list>
    <signature-algorithm>
```

```

        signature-algorithm
      </signature-algorithm>
      <identifier>
        identifier
      </identifier>
      <validity>....</validity>
      <version>
        version
      </version>
      <auto-re-enrollment>....</auto-re-enrollment>
      <certificate-type>
        certificate-type
      </certificate-type>
      <status>
        status
      </status>
      <issuer>....</issuer>
      <subject>....</subject>
    </x509-certificate-info>
  </x509-pki-certificate-info-list>

```

Description Detailed information about an X.509 certificate

<x509-crl-information>

Usage

```

<x509-crl-information>
  <crl-number>
    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>

```

Description Detailed information about X.509 certificate revocation list

<x509-crl-information>

Usage

```

<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-number>

```

```
    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>
</x509-pki-crl-information-list>
```

Description Detailed information about X.509 certificate revocation list

<x509-pki-certificate-info-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>....</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description X.509 certificate details

<x509-pki-crl-information-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>....</x509-crl-information>
</x509-pki-crl-information-list>
```

Description Detailed information about X.509 certificate revocation list

CHAPTER 12

Operational Response Tag Elements Common to J Series, M, MX, and T Series, and SRX Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are common to devices belonging to the following platforms:

- J Series
- M Series
- MX Series
- T Series
- SRX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of Connectivity Fault Management Response Tags on page 5661
- Summary of Chassis Response Tags on page 5880
- Summary of Layer 2 Control Protocol Response Tags on page 6096

Summary of Connectivity Fault Management Response Tags

<cfm-counters-route-socket-operations>

Usage

```
<cfm-counters-route-socket-operations>  
<cfm-route-socket-message-counters>....</cfm-route-socket-message-counters>  
  
</cfm-counters-route-socket-operations>
```

Description

<cfm-counters-route-socket-received>

Usage

```
<cfm-counters-route-socket-received>
<cfm-route-socket-message-counters> ....</cfm-route-socket-message-counters>

</cfm-counters-route-socket-received>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-entry>
<cfm-cross-connect-sessions>
  <cfm-cross-connect-session>
    <cfm-session-defect-type>
      cfm-session-defect-type
    </cfm-session-defect-type>
    <cfm-session-defect-description>
      cfm-session-defect-description
    </cfm-session-defect-description>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
  </cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-interface>
<cfm-entry>
```

```

<cfm-cross-connect-sessions>
  <cfm-cross-connect-session>
    <cfm-session-defect-type>
      cfm-session-defect-type
    </cfm-session-defect-type>
    <cfm-session-defect-description>
      cfm-session-defect-description
    </cfm-session-defect-description>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
  </cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>

```

```
<cfm-maintenance-domain-name-format>
  cfm-maintenance-domain-name-format
</cfm-maintenance-domain-name-format>
<cfm-maintenance-association-name>
  cfm-maintenance-association-name
</cfm-maintenance-association-name>
<cfm-maintenance-association-name-format>
  cfm-maintenance-association-name-format
</cfm-maintenance-association-name-format>
<cfm-mep-identifier>
  cfm-mep-identifier
</cfm-mep-identifier>
<cfm-continuity-check-interval>
  cfm-continuity-check-interval
</cfm-continuity-check-interval>
</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-cross-connect-sessions>
    <cfm-cross-connect-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
      <cfm-mep-identifier>
        cfm-mep-identifier
      </cfm-mep-identifier>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
```

```

        </cfm-continuity-check-interval>
    </cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-cross-connect-sessions>
    <cfm-cross-connect-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
      <cfm-mep-identifier>
        cfm-mep-identifier
      </cfm-mep-identifier>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
    </cfm-cross-connect-session>
  </cfm-cross-connect-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-loss-statistics>
<cfm-entry>

```

```
<cfm-cross-connect-sessions>
  <cfm-cross-connect-session>
    <cfm-session-defect-type>
      cfm-session-defect-type
    </cfm-session-defect-type>
    <cfm-session-defect-description>
      cfm-session-defect-description
    </cfm-session-defect-description>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
  </cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
```

```

<cfm-maintenance-domain-name-format>
  cfm-maintenance-domain-name-format
</cfm-maintenance-domain-name-format>
<cfm-maintenance-association-name>
  cfm-maintenance-association-name
</cfm-maintenance-association-name>
<cfm-maintenance-association-name-format>
  cfm-maintenance-association-name-format
</cfm-maintenance-association-name-format>
<cfm-mep-identifier>
  cfm-mep-identifier
</cfm-mep-identifier>
<cfm-continuity-check-interval>
  cfm-continuity-check-interval
</cfm-continuity-check-interval>
</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-cross-connect-sessions>

Usage

```

<cfm-entry>
  <cfm-cross-connect-sessions>
    <cfm-cross-connect-session-count>
      cfm-cross-connect-session-count
    </cfm-cross-connect-session-count>
    <cfm-cross-connect-session>....</cfm-cross-connect-session>
  </cfm-cross-connect-sessions>
</cfm-entry>

```

Description

<cfm-cross-connect-sessions>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
```



```

<cfm-cross-connect-sessions>
  <cfm-cross-connect-session-count>
    cfm-cross-connect-session-count
  </cfm-cross-connect-session-count>
  <cfm-cross-connect-session>....</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

Description**<cfm-cross-connect-sessions>****Usage**

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description**<cfm-delay-statistics>****Usage**

```

<cfm-delay-statistics>
  <cfm-entry>....</cfm-entry>
</cfm-delay-statistics>

```

Description Information about ethernet delay statistics for one or more CFM sessions

<cfm-dfwd-pending-transactions>**Usage**

```

<cfmd-internal-state>
  <cfm-dfwd-pending-transactions>
    <cfm-dfwd-transaction>....</cfm-dfwd-transaction>
  </cfm-dfwd-pending-transactions>
</cfmd-internal-state>

```

Description**<cfm-dfwd-policer-instance>****Usage**

```

<cfmd-internal-state>
  <cfm-dfwd-policer-instance-info>

```

```
<cfm-dfwd-policer-instance>
  <cfm-policer-instance-name>
    cfm-policer-instance-name
  </cfm-policer-instance-name>
  <cfm-policer-name>
    cfm-policer-name
  </cfm-policer-name>
  <cfm-policer-instance-reference-count>
    cfm-policer-instance-reference-count
  </cfm-policer-instance-reference-count>
</cfm-dfwd-policer-instance>
</cfm-dfwd-policer-instance-info>
</cfmd-internal-state>
```

Description

<cfm-dfwd-policer-instance-info>

Usage

```
<cfmd-internal-state>
  <cfm-dfwd-policer-instance-info>
    <cfm-dfwd-policer-instance>....</cfm-dfwd-policer-instance>
  </cfm-dfwd-policer-instance-info>
</cfmd-internal-state>
```

Description

<cfm-dfwd-transaction>

Usage

```
<cfmd-internal-state>
  <cfm-dfwd-pending-transactions>
    <cfm-dfwd-transaction>
      <cfm-dfwd-transaction-id>
        cfm-dfwd-transaction-id
      </cfm-dfwd-transaction-id>
      <cfm-dfwd-nh-to-delete>
        cfm-dfwd-nh-to-delete
      </cfm-dfwd-nh-to-delete>
    </cfm-dfwd-transaction>
  </cfm-dfwd-pending-transactions>
</cfmd-internal-state>
```

Description

<cfm-entry>

Usage

```
<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
<cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>
```

```

<cfm-mep-database-interface>....</cfm-mep-database-interface>
<cfm-local-mep>....</cfm-local-mep>
<cfm-local-mep-defects>....</cfm-local-mep-defects>
<cfm-local-mep-statistics>....</cfm-local-mep-statistics>
<cfm-remote-meps>....</cfm-remote-meps>
<cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
<cfm-error-sessions>....</cfm-error-sessions>
<cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
<cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
<cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
<cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
<cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

<cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

<cfm-client-session-id>
  cfm-client-session-id
</cfm-client-session-id>
<cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
<cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
<cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
<cfm-iter-mep-summary>....</cfm-iter-mep-summary>
<cfm-iter-info>....</cfm-iter-info>
<cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
<cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
</cfm-entry>

```

Description

<cfm-entry>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
    <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

    <cfm-mep-database-interface>....</cfm-mep-database-interface>
    <cfm-local-mep>....</cfm-local-mep>
    <cfm-local-mep-defects>....</cfm-local-mep-defects>
    <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
    <cfm-remote-meps>....</cfm-remote-meps>
    <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
    <cfm-error-sessions>....</cfm-error-sessions>
    <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
    <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
    <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
    <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
    <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

    <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

    <cfm-client-session-id>

```

```

    cfm-client-session-id
  </cfm-client-session-id>
  <cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
  <cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
  <cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
  <cfm-iter-mep-summary>....</cfm-iter-mep-summary>
  <cfm-iter-info>....</cfm-iter-info>
  <cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
  <cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-entry>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

  <cfm-mep-database-interface>....</cfm-mep-database-interface>
  <cfm-local-mep>....</cfm-local-mep>
  <cfm-local-mep-defects>....</cfm-local-mep-defects>
  <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
  <cfm-remote-meps>....</cfm-remote-meps>
  <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
  <cfm-error-sessions>....</cfm-error-sessions>
  <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
  <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
  <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
  <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
  <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

  <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

  <cfm-client-session-id>
    cfm-client-session-id
  </cfm-client-session-id>
  <cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
  <cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
  <cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
  <cfm-iter-mep-summary>....</cfm-iter-mep-summary>
  <cfm-iter-info>....</cfm-iter-info>
  <cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
  <cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-entry>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
    <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

    <cfm-mep-database-interface>....</cfm-mep-database-interface>
    <cfm-local-mep>....</cfm-local-mep>
    <cfm-local-mep-defects>....</cfm-local-mep-defects>
    <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
    <cfm-remote-meps>....</cfm-remote-meps>
    <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
    <cfm-error-sessions>....</cfm-error-sessions>
    <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
    <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
    <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
    <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
    <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

    <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

    <cfm-client-session-id>
      cfm-client-session-id
    </cfm-client-session-id>
    <cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
    <cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
    <cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
    <cfm-iter-mep-summary>....</cfm-iter-mep-summary>
    <cfm-iter-info>....</cfm-iter-info>
    <cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
    <cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-entry>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
    <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

    <cfm-mep-database-interface>....</cfm-mep-database-interface>
    <cfm-local-mep>....</cfm-local-mep>
    <cfm-local-mep-defects>....</cfm-local-mep-defects>
    <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
    <cfm-remote-meps>....</cfm-remote-meps>

```

```

<cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
<cfm-error-sessions>....</cfm-error-sessions>
<cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
<cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
<cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
<cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
<cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

<cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

<cfm-client-session-id>
  cfm-client-session-id
</cfm-client-session-id>
<cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
<cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
<cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
<cfm-iter-mep-summary>....</cfm-iter-mep-summary>
<cfm-iter-info>....</cfm-iter-info>
<cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
<cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-entry>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
    <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

    <cfm-mep-database-interface>....</cfm-mep-database-interface>
    <cfm-local-mep>....</cfm-local-mep>
    <cfm-local-mep-defects>....</cfm-local-mep-defects>
    <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
    <cfm-remote-meps>....</cfm-remote-meps>
    <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
    <cfm-error-sessions>....</cfm-error-sessions>
    <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
    <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
    <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
    <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
    <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

    <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

    <cfm-client-session-id>
      cfm-client-session-id
    </cfm-client-session-id>
    <cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
    <cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
  </cfm-entry>
</cfm-loss-statistics>

```

```

    <cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
    <cfm-iter-mep-summary>....</cfm-iter-mep-summary>
    <cfm-iter-info>....</cfm-iter-info>
    <cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
    <cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-entry>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-entry>....</cfm-interface-entry>
    <cfm-interface-sessions>....</cfm-interface-sessions>
    <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

    <cfm-mep-database-interface>....</cfm-mep-database-interface>
    <cfm-local-mep>....</cfm-local-mep>
    <cfm-local-mep-defects>....</cfm-local-mep-defects>
    <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
    <cfm-remote-meps>....</cfm-remote-meps>
    <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
    <cfm-error-sessions>....</cfm-error-sessions>
    <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
    <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
    <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
    <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
  <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

  <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

  <cfm-client-session-id>
    cfm-client-session-id
  </cfm-client-session-id>
  <cfm-ethlm-loss-entry>....</cfm-ethlm-loss-entry>
  <cfm-ethlm-cir-loss-summary>....</cfm-ethlm-cir-loss-summary>
  <cfm-ethlm-eir-loss-summary>....</cfm-ethlm-eir-loss-summary>
  <cfm-iter-mep-summary>....</cfm-iter-mep-summary>
  <cfm-iter-info>....</cfm-iter-info>
  <cfm-iter-ethdm-entry>....</cfm-iter-ethdm-entry>
  <cfm-iter-ethlm-entry>....</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-error-session>

Usage

```

<cfm-entry>

```

```
<cfm-error-sessions>
  <cfm-error-session>
    <cfm-session-defect-type>
      cfm-session-defect-type
    </cfm-session-defect-type>
    <cfm-session-defect-description>
      cfm-session-defect-description
    </cfm-session-defect-description>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
  </cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
```

Description

<cfm-error-session>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
```



```

        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
  </cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-error-session>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-mep-identifier>
          cfm-mep-identifier
        </cfm-mep-identifier>
      </cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-database>

```

```
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-error-session>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
<cfm-error-sessions>
<cfm-error-session>
  <cfm-session-defect-type>
    cfm-session-defect-type
  </cfm-session-defect-type>
  <cfm-session-defect-description>
    cfm-session-defect-description
  </cfm-session-defect-description>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-domain-name-format>
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-error-session>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-error-sessions>
```

```

<cfm-error-session>
  <cfm-session-defect-type>
    cfm-session-defect-type
  </cfm-session-defect-type>
  <cfm-session-defect-description>
    cfm-session-defect-description
  </cfm-session-defect-description>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-domain-name-format>
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-error-session>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>

```

```
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-error-session>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-mep-identifier>
        cfm-mep-identifier
      </cfm-mep-identifier>
```

```

    </cfm-error-session>
  </cfm-error-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session-count>
      cfm-error-session-count
    </cfm-error-session-count>
    <cfm-error-session>....</cfm-error-session>
  </cfm-error-sessions>
</cfm-entry>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-error-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-error-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-error-sessions>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-error-sessions>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
```

```

<cfm-error-sessions>
  <cfm-error-session-count>
    cfm-error-session-count
  </cfm-error-session-count>
  <cfm-error-session>....</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-entry>
  <cfm-ethdm-delay-entry>
    <cfm-ethdm-delay-entry-index>
      cfm-ethdm-delay-entry-index
    </cfm-ethdm-delay-entry-index>
    <cfm-ethdm-oneway-delay>
      cfm-ethdm-oneway-delay
    </cfm-ethdm-oneway-delay>
    <cfm-ethdm-twoway-delay>
      cfm-ethdm-twoway-delay
    </cfm-ethdm-twoway-delay>
  </cfm-ethdm-delay-entry>
</cfm-entry>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-ethdm-delay-entry>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-ethdm-delay-entry>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-ethdm-delay-entry>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
```



```

    <cfm-ethdm-twoway-delay>
      cfm-ethdm-twoway-delay
    </cfm-ethdm-twoway-delay>
  </cfm-ethdm-delay-entry>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay
    </cfm-ethdm-bestcase-oneway-delay>
    <cfm-ethdm-worstcase-oneway-delay>
      cfm-ethdm-worstcase-oneway-delay
    </cfm-ethdm-worstcase-oneway-delay>
  </cfm-ethdm-oneway-delay-summary>
</cfm-entry>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-oneway-delay-summary>
      <cfm-ethdm-average-oneway-delay>
        cfm-ethdm-average-oneway-delay
      </cfm-ethdm-average-oneway-delay>
      <cfm-ethdm-average-oneway-delay-variation>
        cfm-ethdm-average-oneway-delay-variation
      </cfm-ethdm-average-oneway-delay-variation>
      <cfm-ethdm-bestcase-oneway-delay>
        cfm-ethdm-bestcase-oneway-delay
      </cfm-ethdm-bestcase-oneway-delay>
      <cfm-ethdm-worstcase-oneway-delay>
        cfm-ethdm-worstcase-oneway-delay
      </cfm-ethdm-worstcase-oneway-delay>
    </cfm-ethdm-oneway-delay-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-ethdm-oneway-delay-summary>
      <cfm-ethdm-average-oneway-delay>
        cfm-ethdm-average-oneway-delay
```

```

</cfm-ethdm-average-oneway-delay>
<cfm-ethdm-average-oneway-delay-variation>
  cfm-ethdm-average-oneway-delay-variation
</cfm-ethdm-average-oneway-delay-variation>
<cfm-ethdm-bestcase-oneway-delay>
  cfm-ethdm-bestcase-oneway-delay
</cfm-ethdm-bestcase-oneway-delay>
<cfm-ethdm-worstcase-oneway-delay>
  cfm-ethdm-worstcase-oneway-delay
</cfm-ethdm-worstcase-oneway-delay>
</cfm-ethdm-oneway-delay-summary>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay
    </cfm-ethdm-bestcase-oneway-delay>
    <cfm-ethdm-worstcase-oneway-delay>
      cfm-ethdm-worstcase-oneway-delay
    </cfm-ethdm-worstcase-oneway-delay>
  </cfm-ethdm-oneway-delay-summary>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay

```

```
</cfm-ethdm-bestcase-oneway-delay>
<cfm-ethdm-worstcase-oneway-delay>
  cfm-ethdm-worstcase-oneway-delay
</cfm-ethdm-worstcase-oneway-delay>
</cfm-ethdm-oneway-delay-summary>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay
    </cfm-ethdm-bestcase-oneway-delay>
    <cfm-ethdm-worstcase-oneway-delay>
      cfm-ethdm-worstcase-oneway-delay
    </cfm-ethdm-worstcase-oneway-delay>
    </cfm-ethdm-oneway-delay-summary>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay
    </cfm-ethdm-bestcase-oneway-delay>
    <cfm-ethdm-worstcase-oneway-delay>
      cfm-ethdm-worstcase-oneway-delay
    </cfm-ethdm-worstcase-oneway-delay>
    </cfm-ethdm-oneway-delay-summary>
  </cfm-entry>
```

```
</cfm-iterator-statistics>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-entry>
  <cfm-ethdm-twoway-delay-summary>
    <cfm-ethdm-average-twoway-delay>
      cfm-ethdm-average-twoway-delay
    </cfm-ethdm-average-twoway-delay>
    <cfm-ethdm-average-twoway-delay-variation>
      cfm-ethdm-average-twoway-delay-variation
    </cfm-ethdm-average-twoway-delay-variation>
    <cfm-ethdm-bestcase-twoway-delay>
      cfm-ethdm-bestcase-twoway-delay
    </cfm-ethdm-bestcase-twoway-delay>
    <cfm-ethdm-worstcase-twoway-delay>
      cfm-ethdm-worstcase-twoway-delay
    </cfm-ethdm-worstcase-twoway-delay>
  </cfm-ethdm-twoway-delay-summary>
</cfm-entry>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-mep-database>
```

```
<cfm-entry>
  <cfm-ethdm-twoway-delay-summary>
    <cfm-ethdm-average-twoway-delay>
      cfm-ethdm-average-twoway-delay
    </cfm-ethdm-average-twoway-delay>
    <cfm-ethdm-average-twoway-delay-variation>
      cfm-ethdm-average-twoway-delay-variation
    </cfm-ethdm-average-twoway-delay-variation>
    <cfm-ethdm-bestcase-twoway-delay>
      cfm-ethdm-bestcase-twoway-delay
    </cfm-ethdm-bestcase-twoway-delay>
    <cfm-ethdm-worstcase-twoway-delay>
      cfm-ethdm-worstcase-twoway-delay
    </cfm-ethdm-worstcase-twoway-delay>
  </cfm-ethdm-twoway-delay-summary>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
```

```

        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
    <cfm-ethdm-bestcase-twoway-delay>
      cfm-ethdm-bestcase-twoway-delay
    </cfm-ethdm-bestcase-twoway-delay>
    <cfm-ethdm-worstcase-twoway-delay>
      cfm-ethdm-worstcase-twoway-delay
    </cfm-ethdm-worstcase-twoway-delay>
  </cfm-ethdm-twoway-delay-summary>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>

```

```

        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-entry>
  <cfm-ethlm-cir-loss-summary>
    <cfm-ethlm-average-near-end-cir-loss>
      cfm-ethlm-average-near-end-cir-loss
    </cfm-ethlm-average-near-end-cir-loss>
    <cfm-ethlm-average-near-end-cir-loss-ratio>
      cfm-ethlm-average-near-end-cir-loss-ratio
    </cfm-ethlm-average-near-end-cir-loss-ratio>
    <cfm-ethlm-average-far-end-cir-loss>
      cfm-ethlm-average-far-end-cir-loss
    </cfm-ethlm-average-far-end-cir-loss>
    <cfm-ethlm-average-far-end-cir-loss-ratio>
      cfm-ethlm-average-far-end-cir-loss-ratio
    </cfm-ethlm-average-far-end-cir-loss-ratio>
    <cfm-ethlm-near-end-best-case-cir-loss>
      cfm-ethlm-near-end-best-case-cir-loss
    </cfm-ethlm-near-end-best-case-cir-loss>
    <cfm-ethlm-near-end-best-case-cir-loss-ratio>
      cfm-ethlm-near-end-best-case-cir-loss-ratio
    </cfm-ethlm-near-end-best-case-cir-loss-ratio>
    <cfm-ethlm-near-end-worst-case-cir-loss>
      cfm-ethlm-near-end-worst-case-cir-loss
    </cfm-ethlm-near-end-worst-case-cir-loss>
    <cfm-ethlm-near-end-worst-case-cir-loss-ratio>
      cfm-ethlm-near-end-worst-case-cir-loss-ratio
    </cfm-ethlm-near-end-worst-case-cir-loss-ratio>
    <cfm-ethlm-far-end-best-case-cir-loss>
      cfm-ethlm-far-end-best-case-cir-loss
    </cfm-ethlm-far-end-best-case-cir-loss>
    <cfm-ethlm-far-end-best-case-cir-loss-ratio>
      cfm-ethlm-far-end-best-case-cir-loss-ratio
    </cfm-ethlm-far-end-best-case-cir-loss-ratio>
    <cfm-ethlm-far-end-worst-case-cir-loss>
      cfm-ethlm-far-end-worst-case-cir-loss
    </cfm-ethlm-far-end-worst-case-cir-loss>
    <cfm-ethlm-far-end-worst-case-cir-loss-ratio>
      cfm-ethlm-far-end-worst-case-cir-loss-ratio
    </cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  </cfm-ethlm-cir-loss-summary>
</cfm-entry>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-ethlm-cir-loss-summary>
      <cfm-ethlm-average-near-end-cir-loss>
        cfm-ethlm-average-near-end-cir-loss
      </cfm-ethlm-average-near-end-cir-loss>
      <cfm-ethlm-average-near-end-cir-loss-ratio>
        cfm-ethlm-average-near-end-cir-loss-ratio
      </cfm-ethlm-average-near-end-cir-loss-ratio>
      <cfm-ethlm-average-far-end-cir-loss>
        cfm-ethlm-average-far-end-cir-loss
      </cfm-ethlm-average-far-end-cir-loss>
      <cfm-ethlm-average-far-end-cir-loss-ratio>
        cfm-ethlm-average-far-end-cir-loss-ratio
      </cfm-ethlm-average-far-end-cir-loss-ratio>
      <cfm-ethlm-near-end-best-case-cir-loss>
        cfm-ethlm-near-end-best-case-cir-loss
      </cfm-ethlm-near-end-best-case-cir-loss>
      <cfm-ethlm-near-end-best-case-cir-loss-ratio>
        cfm-ethlm-near-end-best-case-cir-loss-ratio
      </cfm-ethlm-near-end-best-case-cir-loss-ratio>
      <cfm-ethlm-near-end-worst-case-cir-loss>
        cfm-ethlm-near-end-worst-case-cir-loss
      </cfm-ethlm-near-end-worst-case-cir-loss>
      <cfm-ethlm-near-end-worst-case-cir-loss-ratio>
        cfm-ethlm-near-end-worst-case-cir-loss-ratio
      </cfm-ethlm-near-end-worst-case-cir-loss-ratio>
      <cfm-ethlm-far-end-best-case-cir-loss>
        cfm-ethlm-far-end-best-case-cir-loss
      </cfm-ethlm-far-end-best-case-cir-loss>
      <cfm-ethlm-far-end-best-case-cir-loss-ratio>
        cfm-ethlm-far-end-best-case-cir-loss-ratio
      </cfm-ethlm-far-end-best-case-cir-loss-ratio>
      <cfm-ethlm-far-end-worst-case-cir-loss>
        cfm-ethlm-far-end-worst-case-cir-loss
      </cfm-ethlm-far-end-worst-case-cir-loss>
      <cfm-ethlm-far-end-worst-case-cir-loss-ratio>
        cfm-ethlm-far-end-worst-case-cir-loss-ratio
      </cfm-ethlm-far-end-worst-case-cir-loss-ratio>
    </cfm-ethlm-cir-loss-summary>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-ethlm-cir-loss-summary>
      <cfm-ethlm-average-near-end-cir-loss>

```

```

    cfm-ethlm-average-near-end-cir-loss
  </cfm-ethlm-average-near-end-cir-loss>
  <cfm-ethlm-average-near-end-cir-loss-ratio>
    cfm-ethlm-average-near-end-cir-loss-ratio
  </cfm-ethlm-average-near-end-cir-loss-ratio>
  <cfm-ethlm-average-far-end-cir-loss>
    cfm-ethlm-average-far-end-cir-loss
  </cfm-ethlm-average-far-end-cir-loss>
  <cfm-ethlm-average-far-end-cir-loss-ratio>
    cfm-ethlm-average-far-end-cir-loss-ratio
  </cfm-ethlm-average-far-end-cir-loss-ratio>
  <cfm-ethlm-near-end-best-case-cir-loss>
    cfm-ethlm-near-end-best-case-cir-loss
  </cfm-ethlm-near-end-best-case-cir-loss>
  <cfm-ethlm-near-end-best-case-cir-loss-ratio>
    cfm-ethlm-near-end-best-case-cir-loss-ratio
  </cfm-ethlm-near-end-best-case-cir-loss-ratio>
  <cfm-ethlm-near-end-worst-case-cir-loss>
    cfm-ethlm-near-end-worst-case-cir-loss
  </cfm-ethlm-near-end-worst-case-cir-loss>
  <cfm-ethlm-near-end-worst-case-cir-loss-ratio>
    cfm-ethlm-near-end-worst-case-cir-loss-ratio
  </cfm-ethlm-near-end-worst-case-cir-loss-ratio>
  <cfm-ethlm-far-end-best-case-cir-loss>
    cfm-ethlm-far-end-best-case-cir-loss
  </cfm-ethlm-far-end-best-case-cir-loss>
  <cfm-ethlm-far-end-best-case-cir-loss-ratio>
    cfm-ethlm-far-end-best-case-cir-loss-ratio
  </cfm-ethlm-far-end-best-case-cir-loss-ratio>
  <cfm-ethlm-far-end-worst-case-cir-loss>
    cfm-ethlm-far-end-worst-case-cir-loss
  </cfm-ethlm-far-end-worst-case-cir-loss>
  <cfm-ethlm-far-end-worst-case-cir-loss-ratio>
    cfm-ethlm-far-end-worst-case-cir-loss-ratio
  </cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  </cfm-ethlm-cir-loss-summary>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethlm-cir-loss-summary>
      <cfm-ethlm-average-near-end-cir-loss>
        cfm-ethlm-average-near-end-cir-loss
      </cfm-ethlm-average-near-end-cir-loss>
      <cfm-ethlm-average-near-end-cir-loss-ratio>
        cfm-ethlm-average-near-end-cir-loss-ratio
      </cfm-ethlm-average-near-end-cir-loss-ratio>
      <cfm-ethlm-average-far-end-cir-loss>
        cfm-ethlm-average-far-end-cir-loss

```

```

</cfm-ethlm-average-far-end-cir-loss>
<cfm-ethlm-average-far-end-cir-loss-ratio>
  cfm-ethlm-average-far-end-cir-loss-ratio
</cfm-ethlm-average-far-end-cir-loss-ratio>
<cfm-ethlm-near-end-best-case-cir-loss>
  cfm-ethlm-near-end-best-case-cir-loss
</cfm-ethlm-near-end-best-case-cir-loss>
<cfm-ethlm-near-end-best-case-cir-loss-ratio>
  cfm-ethlm-near-end-best-case-cir-loss-ratio
</cfm-ethlm-near-end-best-case-cir-loss-ratio>
<cfm-ethlm-near-end-worst-case-cir-loss>
  cfm-ethlm-near-end-worst-case-cir-loss
</cfm-ethlm-near-end-worst-case-cir-loss>
<cfm-ethlm-near-end-worst-case-cir-loss-ratio>
  cfm-ethlm-near-end-worst-case-cir-loss-ratio
</cfm-ethlm-near-end-worst-case-cir-loss-ratio>
<cfm-ethlm-far-end-best-case-cir-loss>
  cfm-ethlm-far-end-best-case-cir-loss
</cfm-ethlm-far-end-best-case-cir-loss>
<cfm-ethlm-far-end-best-case-cir-loss-ratio>
  cfm-ethlm-far-end-best-case-cir-loss-ratio
</cfm-ethlm-far-end-best-case-cir-loss-ratio>
<cfm-ethlm-far-end-worst-case-cir-loss>
  cfm-ethlm-far-end-worst-case-cir-loss
</cfm-ethlm-far-end-worst-case-cir-loss>
<cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  cfm-ethlm-far-end-worst-case-cir-loss-ratio
</cfm-ethlm-far-end-worst-case-cir-loss-ratio>
</cfm-ethlm-cir-loss-summary>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-ethlm-cir-loss-summary>
    <cfm-ethlm-average-near-end-cir-loss>
      cfm-ethlm-average-near-end-cir-loss
    </cfm-ethlm-average-near-end-cir-loss>
    <cfm-ethlm-average-near-end-cir-loss-ratio>
      cfm-ethlm-average-near-end-cir-loss-ratio
    </cfm-ethlm-average-near-end-cir-loss-ratio>
    <cfm-ethlm-average-far-end-cir-loss>
      cfm-ethlm-average-far-end-cir-loss
    </cfm-ethlm-average-far-end-cir-loss>
    <cfm-ethlm-average-far-end-cir-loss-ratio>
      cfm-ethlm-average-far-end-cir-loss-ratio
    </cfm-ethlm-average-far-end-cir-loss-ratio>
    <cfm-ethlm-near-end-best-case-cir-loss>
      cfm-ethlm-near-end-best-case-cir-loss
    </cfm-ethlm-near-end-best-case-cir-loss>

```

```

<cfm-ethlm-near-end-best-case-cir-loss-ratio>
  cfm-ethlm-near-end-best-case-cir-loss-ratio
</cfm-ethlm-near-end-best-case-cir-loss-ratio>
<cfm-ethlm-near-end-worst-case-cir-loss>
  cfm-ethlm-near-end-worst-case-cir-loss
</cfm-ethlm-near-end-worst-case-cir-loss>
<cfm-ethlm-near-end-worst-case-cir-loss-ratio>
  cfm-ethlm-near-end-worst-case-cir-loss-ratio
</cfm-ethlm-near-end-worst-case-cir-loss-ratio>
<cfm-ethlm-far-end-best-case-cir-loss>
  cfm-ethlm-far-end-best-case-cir-loss
</cfm-ethlm-far-end-best-case-cir-loss>
<cfm-ethlm-far-end-best-case-cir-loss-ratio>
  cfm-ethlm-far-end-best-case-cir-loss-ratio
</cfm-ethlm-far-end-best-case-cir-loss-ratio>
<cfm-ethlm-far-end-worst-case-cir-loss>
  cfm-ethlm-far-end-worst-case-cir-loss
</cfm-ethlm-far-end-worst-case-cir-loss>
<cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  cfm-ethlm-far-end-worst-case-cir-loss-ratio
</cfm-ethlm-far-end-worst-case-cir-loss-ratio>
</cfm-ethlm-cir-loss-summary>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-loss-statistics>
<cfm-entry>
  <cfm-ethlm-cir-loss-summary>
    <cfm-ethlm-average-near-end-cir-loss>
      cfm-ethlm-average-near-end-cir-loss
    </cfm-ethlm-average-near-end-cir-loss>
    <cfm-ethlm-average-near-end-cir-loss-ratio>
      cfm-ethlm-average-near-end-cir-loss-ratio
    </cfm-ethlm-average-near-end-cir-loss-ratio>
    <cfm-ethlm-average-far-end-cir-loss>
      cfm-ethlm-average-far-end-cir-loss
    </cfm-ethlm-average-far-end-cir-loss>
    <cfm-ethlm-average-far-end-cir-loss-ratio>
      cfm-ethlm-average-far-end-cir-loss-ratio
    </cfm-ethlm-average-far-end-cir-loss-ratio>
    <cfm-ethlm-near-end-best-case-cir-loss>
      cfm-ethlm-near-end-best-case-cir-loss
    </cfm-ethlm-near-end-best-case-cir-loss>
    <cfm-ethlm-near-end-best-case-cir-loss-ratio>
      cfm-ethlm-near-end-best-case-cir-loss-ratio
    </cfm-ethlm-near-end-best-case-cir-loss-ratio>
    <cfm-ethlm-near-end-worst-case-cir-loss>
      cfm-ethlm-near-end-worst-case-cir-loss
    </cfm-ethlm-near-end-worst-case-cir-loss>
    <cfm-ethlm-near-end-worst-case-cir-loss-ratio>

```

```

        cfm-ethlm-near-end-worst-case-cir-loss-ratio
      </cfm-ethlm-near-end-worst-case-cir-loss-ratio>
    <cfm-ethlm-far-end-best-case-cir-loss>
      cfm-ethlm-far-end-best-case-cir-loss
    </cfm-ethlm-far-end-best-case-cir-loss>
    <cfm-ethlm-far-end-best-case-cir-loss-ratio>
      cfm-ethlm-far-end-best-case-cir-loss-ratio
    </cfm-ethlm-far-end-best-case-cir-loss-ratio>
    <cfm-ethlm-far-end-worst-case-cir-loss>
      cfm-ethlm-far-end-worst-case-cir-loss
    </cfm-ethlm-far-end-worst-case-cir-loss>
    <cfm-ethlm-far-end-worst-case-cir-loss-ratio>
      cfm-ethlm-far-end-worst-case-cir-loss-ratio
    </cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  </cfm-ethlm-cir-loss-summary>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-ethlm-cir-loss-summary>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-ethlm-cir-loss-summary>
      <cfm-ethlm-average-near-end-cir-loss>
        cfm-ethlm-average-near-end-cir-loss
      </cfm-ethlm-average-near-end-cir-loss>
      <cfm-ethlm-average-near-end-cir-loss-ratio>
        cfm-ethlm-average-near-end-cir-loss-ratio
      </cfm-ethlm-average-near-end-cir-loss-ratio>
      <cfm-ethlm-average-far-end-cir-loss>
        cfm-ethlm-average-far-end-cir-loss
      </cfm-ethlm-average-far-end-cir-loss>
      <cfm-ethlm-average-far-end-cir-loss-ratio>
        cfm-ethlm-average-far-end-cir-loss-ratio
      </cfm-ethlm-average-far-end-cir-loss-ratio>
      <cfm-ethlm-near-end-best-case-cir-loss>
        cfm-ethlm-near-end-best-case-cir-loss
      </cfm-ethlm-near-end-best-case-cir-loss>
      <cfm-ethlm-near-end-best-case-cir-loss-ratio>
        cfm-ethlm-near-end-best-case-cir-loss-ratio
      </cfm-ethlm-near-end-best-case-cir-loss-ratio>
      <cfm-ethlm-near-end-worst-case-cir-loss>
        cfm-ethlm-near-end-worst-case-cir-loss
      </cfm-ethlm-near-end-worst-case-cir-loss>
      <cfm-ethlm-near-end-worst-case-cir-loss-ratio>
        cfm-ethlm-near-end-worst-case-cir-loss-ratio
      </cfm-ethlm-near-end-worst-case-cir-loss-ratio>
      <cfm-ethlm-far-end-best-case-cir-loss>
        cfm-ethlm-far-end-best-case-cir-loss
      </cfm-ethlm-far-end-best-case-cir-loss>
      <cfm-ethlm-far-end-best-case-cir-loss-ratio>
        cfm-ethlm-far-end-best-case-cir-loss-ratio

```

```
</cfm-ethlm-far-end-best-case-cir-loss-ratio>
<cfm-ethlm-far-end-worst-case-cir-loss>
  cfm-ethlm-far-end-worst-case-cir-loss
</cfm-ethlm-far-end-worst-case-cir-loss>
<cfm-ethlm-far-end-worst-case-cir-loss-ratio>
  cfm-ethlm-far-end-worst-case-cir-loss-ratio
</cfm-ethlm-far-end-worst-case-cir-loss-ratio>
</cfm-ethlm-cir-loss-summary>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```
<cfm-entry>
<cfm-ethlm-eir-loss-summary>
  <cfm-ethlm-average-near-end-eir-loss>
    cfm-ethlm-average-near-end-eir-loss
  </cfm-ethlm-average-near-end-eir-loss>
  <cfm-ethlm-average-near-end-eir-loss-ratio>
    cfm-ethlm-average-near-end-eir-loss-ratio
  </cfm-ethlm-average-near-end-eir-loss-ratio>
  <cfm-ethlm-average-far-end-eir-loss>
    cfm-ethlm-average-far-end-eir-loss
  </cfm-ethlm-average-far-end-eir-loss>
  <cfm-ethlm-average-far-end-eir-loss-ratio>
    cfm-ethlm-average-far-end-eir-loss-ratio
  </cfm-ethlm-average-far-end-eir-loss-ratio>
  <cfm-ethlm-near-end-best-case-eir-loss>
    cfm-ethlm-near-end-best-case-eir-loss
  </cfm-ethlm-near-end-best-case-eir-loss>
  <cfm-ethlm-near-end-best-case-eir-loss-ratio>
    cfm-ethlm-near-end-best-case-eir-loss-ratio
  </cfm-ethlm-near-end-best-case-eir-loss-ratio>
  <cfm-ethlm-near-end-worst-case-eir-loss>
    cfm-ethlm-near-end-worst-case-eir-loss
  </cfm-ethlm-near-end-worst-case-eir-loss>
  <cfm-ethlm-near-end-worst-case-eir-loss-ratio>
    cfm-ethlm-near-end-worst-case-eir-loss-ratio
  </cfm-ethlm-near-end-worst-case-eir-loss-ratio>
  <cfm-ethlm-far-end-best-case-eir-loss>
    cfm-ethlm-far-end-best-case-eir-loss
  </cfm-ethlm-far-end-best-case-eir-loss>
  <cfm-ethlm-far-end-best-case-eir-loss-ratio>
    cfm-ethlm-far-end-best-case-eir-loss-ratio
  </cfm-ethlm-far-end-best-case-eir-loss-ratio>
  <cfm-ethlm-far-end-worst-case-eir-loss>
    cfm-ethlm-far-end-worst-case-eir-loss
  </cfm-ethlm-far-end-worst-case-eir-loss>
  <cfm-ethlm-far-end-worst-case-eir-loss-ratio>
    cfm-ethlm-far-end-worst-case-eir-loss-ratio
  </cfm-ethlm-far-end-worst-case-eir-loss-ratio>
</cfm-ethlm-eir-loss-summary>
```

```
</cfm-entry>
```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
        cfm-ethlm-average-near-end-eir-loss
      </cfm-ethlm-average-near-end-eir-loss>
      <cfm-ethlm-average-near-end-eir-loss-ratio>
        cfm-ethlm-average-near-end-eir-loss-ratio
      </cfm-ethlm-average-near-end-eir-loss-ratio>
      <cfm-ethlm-average-far-end-eir-loss>
        cfm-ethlm-average-far-end-eir-loss
      </cfm-ethlm-average-far-end-eir-loss>
      <cfm-ethlm-average-far-end-eir-loss-ratio>
        cfm-ethlm-average-far-end-eir-loss-ratio
      </cfm-ethlm-average-far-end-eir-loss-ratio>
      <cfm-ethlm-near-end-best-case-eir-loss>
        cfm-ethlm-near-end-best-case-eir-loss
      </cfm-ethlm-near-end-best-case-eir-loss>
      <cfm-ethlm-near-end-best-case-eir-loss-ratio>
        cfm-ethlm-near-end-best-case-eir-loss-ratio
      </cfm-ethlm-near-end-best-case-eir-loss-ratio>
      <cfm-ethlm-near-end-worst-case-eir-loss>
        cfm-ethlm-near-end-worst-case-eir-loss
      </cfm-ethlm-near-end-worst-case-eir-loss>
      <cfm-ethlm-near-end-worst-case-eir-loss-ratio>
        cfm-ethlm-near-end-worst-case-eir-loss-ratio
      </cfm-ethlm-near-end-worst-case-eir-loss-ratio>
      <cfm-ethlm-far-end-best-case-eir-loss>
        cfm-ethlm-far-end-best-case-eir-loss
      </cfm-ethlm-far-end-best-case-eir-loss>
      <cfm-ethlm-far-end-best-case-eir-loss-ratio>
        cfm-ethlm-far-end-best-case-eir-loss-ratio
      </cfm-ethlm-far-end-best-case-eir-loss-ratio>
      <cfm-ethlm-far-end-worst-case-eir-loss>
        cfm-ethlm-far-end-worst-case-eir-loss
      </cfm-ethlm-far-end-worst-case-eir-loss>
      <cfm-ethlm-far-end-worst-case-eir-loss-ratio>
        cfm-ethlm-far-end-worst-case-eir-loss-ratio
      </cfm-ethlm-far-end-worst-case-eir-loss-ratio>
    </cfm-ethlm-eir-loss-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
        cfm-ethlm-average-near-end-eir-loss
      </cfm-ethlm-average-near-end-eir-loss>
      <cfm-ethlm-average-near-end-eir-loss-ratio>
        cfm-ethlm-average-near-end-eir-loss-ratio
      </cfm-ethlm-average-near-end-eir-loss-ratio>
      <cfm-ethlm-average-far-end-eir-loss>
        cfm-ethlm-average-far-end-eir-loss
      </cfm-ethlm-average-far-end-eir-loss>
      <cfm-ethlm-average-far-end-eir-loss-ratio>
        cfm-ethlm-average-far-end-eir-loss-ratio
      </cfm-ethlm-average-far-end-eir-loss-ratio>
      <cfm-ethlm-near-end-best-case-eir-loss>
        cfm-ethlm-near-end-best-case-eir-loss
      </cfm-ethlm-near-end-best-case-eir-loss>
      <cfm-ethlm-near-end-best-case-eir-loss-ratio>
        cfm-ethlm-near-end-best-case-eir-loss-ratio
      </cfm-ethlm-near-end-best-case-eir-loss-ratio>
      <cfm-ethlm-near-end-worst-case-eir-loss>
        cfm-ethlm-near-end-worst-case-eir-loss
      </cfm-ethlm-near-end-worst-case-eir-loss>
      <cfm-ethlm-near-end-worst-case-eir-loss-ratio>
        cfm-ethlm-near-end-worst-case-eir-loss-ratio
      </cfm-ethlm-near-end-worst-case-eir-loss-ratio>
      <cfm-ethlm-far-end-best-case-eir-loss>
        cfm-ethlm-far-end-best-case-eir-loss
      </cfm-ethlm-far-end-best-case-eir-loss>
      <cfm-ethlm-far-end-best-case-eir-loss-ratio>
        cfm-ethlm-far-end-best-case-eir-loss-ratio
      </cfm-ethlm-far-end-best-case-eir-loss-ratio>
      <cfm-ethlm-far-end-worst-case-eir-loss>
        cfm-ethlm-far-end-worst-case-eir-loss
      </cfm-ethlm-far-end-worst-case-eir-loss>
      <cfm-ethlm-far-end-worst-case-eir-loss-ratio>
        cfm-ethlm-far-end-worst-case-eir-loss-ratio
      </cfm-ethlm-far-end-worst-case-eir-loss-ratio>
    </cfm-ethlm-eir-loss-summary>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
```



```

    cfm-ethlm-average-near-end-eir-loss
  </cfm-ethlm-average-near-end-eir-loss>
  <cfm-ethlm-average-near-end-eir-loss-ratio>
    cfm-ethlm-average-near-end-eir-loss-ratio
  </cfm-ethlm-average-near-end-eir-loss-ratio>
  <cfm-ethlm-average-far-end-eir-loss>
    cfm-ethlm-average-far-end-eir-loss
  </cfm-ethlm-average-far-end-eir-loss>
  <cfm-ethlm-average-far-end-eir-loss-ratio>
    cfm-ethlm-average-far-end-eir-loss-ratio
  </cfm-ethlm-average-far-end-eir-loss-ratio>
  <cfm-ethlm-near-end-best-case-eir-loss>
    cfm-ethlm-near-end-best-case-eir-loss
  </cfm-ethlm-near-end-best-case-eir-loss>
  <cfm-ethlm-near-end-best-case-eir-loss-ratio>
    cfm-ethlm-near-end-best-case-eir-loss-ratio
  </cfm-ethlm-near-end-best-case-eir-loss-ratio>
  <cfm-ethlm-near-end-worst-case-eir-loss>
    cfm-ethlm-near-end-worst-case-eir-loss
  </cfm-ethlm-near-end-worst-case-eir-loss>
  <cfm-ethlm-near-end-worst-case-eir-loss-ratio>
    cfm-ethlm-near-end-worst-case-eir-loss-ratio
  </cfm-ethlm-near-end-worst-case-eir-loss-ratio>
  <cfm-ethlm-far-end-best-case-eir-loss>
    cfm-ethlm-far-end-best-case-eir-loss
  </cfm-ethlm-far-end-best-case-eir-loss>
  <cfm-ethlm-far-end-best-case-eir-loss-ratio>
    cfm-ethlm-far-end-best-case-eir-loss-ratio
  </cfm-ethlm-far-end-best-case-eir-loss-ratio>
  <cfm-ethlm-far-end-worst-case-eir-loss>
    cfm-ethlm-far-end-worst-case-eir-loss
  </cfm-ethlm-far-end-worst-case-eir-loss>
  <cfm-ethlm-far-end-worst-case-eir-loss-ratio>
    cfm-ethlm-far-end-worst-case-eir-loss-ratio
  </cfm-ethlm-far-end-worst-case-eir-loss-ratio>
  </cfm-ethlm-eir-loss-summary>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
        cfm-ethlm-average-near-end-eir-loss
      </cfm-ethlm-average-near-end-eir-loss>
      <cfm-ethlm-average-near-end-eir-loss-ratio>
        cfm-ethlm-average-near-end-eir-loss-ratio
      </cfm-ethlm-average-near-end-eir-loss-ratio>
      <cfm-ethlm-average-far-end-eir-loss>
        cfm-ethlm-average-far-end-eir-loss

```

```

</cfm-ethlm-average-far-end-eir-loss>
<cfm-ethlm-average-far-end-eir-loss-ratio>
  cfm-ethlm-average-far-end-eir-loss-ratio
</cfm-ethlm-average-far-end-eir-loss-ratio>
<cfm-ethlm-near-end-best-case-eir-loss>
  cfm-ethlm-near-end-best-case-eir-loss
</cfm-ethlm-near-end-best-case-eir-loss>
<cfm-ethlm-near-end-best-case-eir-loss-ratio>
  cfm-ethlm-near-end-best-case-eir-loss-ratio
</cfm-ethlm-near-end-best-case-eir-loss-ratio>
<cfm-ethlm-near-end-worst-case-eir-loss>
  cfm-ethlm-near-end-worst-case-eir-loss
</cfm-ethlm-near-end-worst-case-eir-loss>
<cfm-ethlm-near-end-worst-case-eir-loss-ratio>
  cfm-ethlm-near-end-worst-case-eir-loss-ratio
</cfm-ethlm-near-end-worst-case-eir-loss-ratio>
<cfm-ethlm-far-end-best-case-eir-loss>
  cfm-ethlm-far-end-best-case-eir-loss
</cfm-ethlm-far-end-best-case-eir-loss>
<cfm-ethlm-far-end-best-case-eir-loss-ratio>
  cfm-ethlm-far-end-best-case-eir-loss-ratio
</cfm-ethlm-far-end-best-case-eir-loss-ratio>
<cfm-ethlm-far-end-worst-case-eir-loss>
  cfm-ethlm-far-end-worst-case-eir-loss
</cfm-ethlm-far-end-worst-case-eir-loss>
<cfm-ethlm-far-end-worst-case-eir-loss-ratio>
  cfm-ethlm-far-end-worst-case-eir-loss-ratio
</cfm-ethlm-far-end-worst-case-eir-loss-ratio>
</cfm-ethlm-eir-loss-summary>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
        cfm-ethlm-average-near-end-eir-loss
      </cfm-ethlm-average-near-end-eir-loss>
      <cfm-ethlm-average-near-end-eir-loss-ratio>
        cfm-ethlm-average-near-end-eir-loss-ratio
      </cfm-ethlm-average-near-end-eir-loss-ratio>
      <cfm-ethlm-average-far-end-eir-loss>
        cfm-ethlm-average-far-end-eir-loss
      </cfm-ethlm-average-far-end-eir-loss>
      <cfm-ethlm-average-far-end-eir-loss-ratio>
        cfm-ethlm-average-far-end-eir-loss-ratio
      </cfm-ethlm-average-far-end-eir-loss-ratio>
      <cfm-ethlm-near-end-best-case-eir-loss>
        cfm-ethlm-near-end-best-case-eir-loss
      </cfm-ethlm-near-end-best-case-eir-loss>

```

```

<cfm-ethlm-near-end-best-case-eir-loss-ratio>
  cfm-ethlm-near-end-best-case-eir-loss-ratio
</cfm-ethlm-near-end-best-case-eir-loss-ratio>
<cfm-ethlm-near-end-worst-case-eir-loss>
  cfm-ethlm-near-end-worst-case-eir-loss
</cfm-ethlm-near-end-worst-case-eir-loss>
<cfm-ethlm-near-end-worst-case-eir-loss-ratio>
  cfm-ethlm-near-end-worst-case-eir-loss-ratio
</cfm-ethlm-near-end-worst-case-eir-loss-ratio>
<cfm-ethlm-far-end-best-case-eir-loss>
  cfm-ethlm-far-end-best-case-eir-loss
</cfm-ethlm-far-end-best-case-eir-loss>
<cfm-ethlm-far-end-best-case-eir-loss-ratio>
  cfm-ethlm-far-end-best-case-eir-loss-ratio
</cfm-ethlm-far-end-best-case-eir-loss-ratio>
<cfm-ethlm-far-end-worst-case-eir-loss>
  cfm-ethlm-far-end-worst-case-eir-loss
</cfm-ethlm-far-end-worst-case-eir-loss>
<cfm-ethlm-far-end-worst-case-eir-loss-ratio>
  cfm-ethlm-far-end-worst-case-eir-loss-ratio
</cfm-ethlm-far-end-worst-case-eir-loss-ratio>
</cfm-ethlm-eir-loss-summary>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-ethlm-eir-loss-summary>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-ethlm-eir-loss-summary>
      <cfm-ethlm-average-near-end-eir-loss>
        cfm-ethlm-average-near-end-eir-loss
      </cfm-ethlm-average-near-end-eir-loss>
      <cfm-ethlm-average-near-end-eir-loss-ratio>
        cfm-ethlm-average-near-end-eir-loss-ratio
      </cfm-ethlm-average-near-end-eir-loss-ratio>
      <cfm-ethlm-average-far-end-eir-loss>
        cfm-ethlm-average-far-end-eir-loss
      </cfm-ethlm-average-far-end-eir-loss>
      <cfm-ethlm-average-far-end-eir-loss-ratio>
        cfm-ethlm-average-far-end-eir-loss-ratio
      </cfm-ethlm-average-far-end-eir-loss-ratio>
      <cfm-ethlm-near-end-best-case-eir-loss>
        cfm-ethlm-near-end-best-case-eir-loss
      </cfm-ethlm-near-end-best-case-eir-loss>
      <cfm-ethlm-near-end-best-case-eir-loss-ratio>
        cfm-ethlm-near-end-best-case-eir-loss-ratio
      </cfm-ethlm-near-end-best-case-eir-loss-ratio>
      <cfm-ethlm-near-end-worst-case-eir-loss>
        cfm-ethlm-near-end-worst-case-eir-loss
      </cfm-ethlm-near-end-worst-case-eir-loss>
      <cfm-ethlm-near-end-worst-case-eir-loss-ratio>

```

```

    cfm-ethlm-near-end-worst-case-eir-loss-ratio
  </cfm-ethlm-near-end-worst-case-eir-loss-ratio>
  <cfm-ethlm-far-end-best-case-eir-loss>
    cfm-ethlm-far-end-best-case-eir-loss
  </cfm-ethlm-far-end-best-case-eir-loss>
  <cfm-ethlm-far-end-best-case-eir-loss-ratio>
    cfm-ethlm-far-end-best-case-eir-loss-ratio
  </cfm-ethlm-far-end-best-case-eir-loss-ratio>
  <cfm-ethlm-far-end-worst-case-eir-loss>
    cfm-ethlm-far-end-worst-case-eir-loss
  </cfm-ethlm-far-end-worst-case-eir-loss>
  <cfm-ethlm-far-end-worst-case-eir-loss-ratio>
    cfm-ethlm-far-end-worst-case-eir-loss-ratio
  </cfm-ethlm-far-end-worst-case-eir-loss-ratio>
</cfm-ethlm-eir-loss-summary>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-entry>
  <cfm-ethlm-loss-entry>
    <cfm-ethlm-loss-entry-index>
      cfm-ethlm-loss-entry-index
    </cfm-ethlm-loss-entry-index>
    <cfm-ethlm-near-end-cir-frame-loss>
      cfm-ethlm-near-end-cir-frame-loss
    </cfm-ethlm-near-end-cir-frame-loss>
    <cfm-ethlm-near-end-total-cir-tx>
      cfm-ethlm-near-end-total-cir-tx
    </cfm-ethlm-near-end-total-cir-tx>
    <cfm-ethlm-far-end-cir-frame-loss>
      cfm-ethlm-far-end-cir-frame-loss
    </cfm-ethlm-far-end-cir-frame-loss>
    <cfm-ethlm-far-end-total-cir-tx>
      cfm-ethlm-far-end-total-cir-tx
    </cfm-ethlm-far-end-total-cir-tx>
    <cfm-ethlm-near-end-eir-frame-loss>
      cfm-ethlm-near-end-eir-frame-loss
    </cfm-ethlm-near-end-eir-frame-loss>
    <cfm-ethlm-near-end-total-eir-tx>
      cfm-ethlm-near-end-total-eir-tx
    </cfm-ethlm-near-end-total-eir-tx>
    <cfm-ethlm-far-end-eir-frame-loss>
      cfm-ethlm-far-end-eir-frame-loss
    </cfm-ethlm-far-end-eir-frame-loss>
    <cfm-ethlm-far-end-total-eir-tx>
      cfm-ethlm-far-end-total-eir-tx
    </cfm-ethlm-far-end-total-eir-tx>
    <cfm-ethlm-near-end-cir-frame-loss-ratio>
      cfm-ethlm-near-end-cir-frame-loss-ratio
    </cfm-ethlm-near-end-cir-frame-loss-ratio>
  </cfm-ethlm-loss-entry>
</cfm-entry>

```

```

<cfm-ethlm-far-end-cir-frame-loss-ratio>
  cfm-ethlm-far-end-cir-frame-loss-ratio
</cfm-ethlm-far-end-cir-frame-loss-ratio>
<cfm-ethlm-near-end-eir-frame-loss-ratio>
  cfm-ethlm-near-end-eir-frame-loss-ratio
</cfm-ethlm-near-end-eir-frame-loss-ratio>
<cfm-ethlm-far-end-eir-frame-loss-ratio>
  cfm-ethlm-far-end-eir-frame-loss-ratio
</cfm-ethlm-far-end-eir-frame-loss-ratio>
</cfm-ethlm-loss-entry>
</cfm-entry>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-interface>
<cfm-entry>
  <cfm-ethlm-loss-entry>
    <cfm-ethlm-loss-entry-index>
      cfm-ethlm-loss-entry-index
    </cfm-ethlm-loss-entry-index>
    <cfm-ethlm-near-end-cir-frame-loss>
      cfm-ethlm-near-end-cir-frame-loss
    </cfm-ethlm-near-end-cir-frame-loss>
    <cfm-ethlm-near-end-total-cir-tx>
      cfm-ethlm-near-end-total-cir-tx
    </cfm-ethlm-near-end-total-cir-tx>
    <cfm-ethlm-far-end-cir-frame-loss>
      cfm-ethlm-far-end-cir-frame-loss
    </cfm-ethlm-far-end-cir-frame-loss>
    <cfm-ethlm-far-end-total-cir-tx>
      cfm-ethlm-far-end-total-cir-tx
    </cfm-ethlm-far-end-total-cir-tx>
    <cfm-ethlm-near-end-eir-frame-loss>
      cfm-ethlm-near-end-eir-frame-loss
    </cfm-ethlm-near-end-eir-frame-loss>
    <cfm-ethlm-near-end-total-eir-tx>
      cfm-ethlm-near-end-total-eir-tx
    </cfm-ethlm-near-end-total-eir-tx>
    <cfm-ethlm-far-end-eir-frame-loss>
      cfm-ethlm-far-end-eir-frame-loss
    </cfm-ethlm-far-end-eir-frame-loss>
    <cfm-ethlm-far-end-total-eir-tx>
      cfm-ethlm-far-end-total-eir-tx
    </cfm-ethlm-far-end-total-eir-tx>
    <cfm-ethlm-near-end-cir-frame-loss-ratio>
      cfm-ethlm-near-end-cir-frame-loss-ratio
    </cfm-ethlm-near-end-cir-frame-loss-ratio>
    <cfm-ethlm-far-end-cir-frame-loss-ratio>
      cfm-ethlm-far-end-cir-frame-loss-ratio
    </cfm-ethlm-far-end-cir-frame-loss-ratio>
    <cfm-ethlm-near-end-eir-frame-loss-ratio>
      cfm-ethlm-near-end-eir-frame-loss-ratio

```

```

    </cfm-ethlm-near-end-eir-frame-loss-ratio>
    <cfm-ethlm-far-end-eir-frame-loss-ratio>
      cfm-ethlm-far-end-eir-frame-loss-ratio
    </cfm-ethlm-far-end-eir-frame-loss-ratio>
  </cfm-ethlm-loss-entry>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-ethlm-loss-entry>
      <cfm-ethlm-loss-entry-index>
        cfm-ethlm-loss-entry-index
      </cfm-ethlm-loss-entry-index>
      <cfm-ethlm-near-end-cir-frame-loss>
        cfm-ethlm-near-end-cir-frame-loss
      </cfm-ethlm-near-end-cir-frame-loss>
      <cfm-ethlm-near-end-total-cir-tx>
        cfm-ethlm-near-end-total-cir-tx
      </cfm-ethlm-near-end-total-cir-tx>
      <cfm-ethlm-far-end-cir-frame-loss>
        cfm-ethlm-far-end-cir-frame-loss
      </cfm-ethlm-far-end-cir-frame-loss>
      <cfm-ethlm-far-end-total-cir-tx>
        cfm-ethlm-far-end-total-cir-tx
      </cfm-ethlm-far-end-total-cir-tx>
      <cfm-ethlm-near-end-eir-frame-loss>
        cfm-ethlm-near-end-eir-frame-loss
      </cfm-ethlm-near-end-eir-frame-loss>
      <cfm-ethlm-near-end-total-eir-tx>
        cfm-ethlm-near-end-total-eir-tx
      </cfm-ethlm-near-end-total-eir-tx>
      <cfm-ethlm-far-end-eir-frame-loss>
        cfm-ethlm-far-end-eir-frame-loss
      </cfm-ethlm-far-end-eir-frame-loss>
      <cfm-ethlm-far-end-total-eir-tx>
        cfm-ethlm-far-end-total-eir-tx
      </cfm-ethlm-far-end-total-eir-tx>
      <cfm-ethlm-near-end-cir-frame-loss-ratio>
        cfm-ethlm-near-end-cir-frame-loss-ratio
      </cfm-ethlm-near-end-cir-frame-loss-ratio>
      <cfm-ethlm-far-end-cir-frame-loss-ratio>
        cfm-ethlm-far-end-cir-frame-loss-ratio
      </cfm-ethlm-far-end-cir-frame-loss-ratio>
      <cfm-ethlm-near-end-eir-frame-loss-ratio>
        cfm-ethlm-near-end-eir-frame-loss-ratio
      </cfm-ethlm-near-end-eir-frame-loss-ratio>
      <cfm-ethlm-far-end-eir-frame-loss-ratio>
        cfm-ethlm-far-end-eir-frame-loss-ratio
      </cfm-ethlm-far-end-eir-frame-loss-ratio>
    </cfm-ethlm-loss-entry>
  </cfm-entry>
</cfm-mep-database>

```

```

    </cfm-ethlm-loss-entry>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethlm-loss-entry>
      <cfm-ethlm-loss-entry-index>
        cfm-ethlm-loss-entry-index
      </cfm-ethlm-loss-entry-index>
      <cfm-ethlm-near-end-cir-frame-loss>
        cfm-ethlm-near-end-cir-frame-loss
      </cfm-ethlm-near-end-cir-frame-loss>
      <cfm-ethlm-near-end-total-cir-tx>
        cfm-ethlm-near-end-total-cir-tx
      </cfm-ethlm-near-end-total-cir-tx>
      <cfm-ethlm-far-end-cir-frame-loss>
        cfm-ethlm-far-end-cir-frame-loss
      </cfm-ethlm-far-end-cir-frame-loss>
      <cfm-ethlm-far-end-total-cir-tx>
        cfm-ethlm-far-end-total-cir-tx
      </cfm-ethlm-far-end-total-cir-tx>
      <cfm-ethlm-near-end-eir-frame-loss>
        cfm-ethlm-near-end-eir-frame-loss
      </cfm-ethlm-near-end-eir-frame-loss>
      <cfm-ethlm-near-end-total-eir-tx>
        cfm-ethlm-near-end-total-eir-tx
      </cfm-ethlm-near-end-total-eir-tx>
      <cfm-ethlm-far-end-eir-frame-loss>
        cfm-ethlm-far-end-eir-frame-loss
      </cfm-ethlm-far-end-eir-frame-loss>
      <cfm-ethlm-far-end-total-eir-tx>
        cfm-ethlm-far-end-total-eir-tx
      </cfm-ethlm-far-end-total-eir-tx>
      <cfm-ethlm-near-end-cir-frame-loss-ratio>
        cfm-ethlm-near-end-cir-frame-loss-ratio
      </cfm-ethlm-near-end-cir-frame-loss-ratio>
      <cfm-ethlm-far-end-cir-frame-loss-ratio>
        cfm-ethlm-far-end-cir-frame-loss-ratio
      </cfm-ethlm-far-end-cir-frame-loss-ratio>
      <cfm-ethlm-near-end-eir-frame-loss-ratio>
        cfm-ethlm-near-end-eir-frame-loss-ratio
      </cfm-ethlm-near-end-eir-frame-loss-ratio>
      <cfm-ethlm-far-end-eir-frame-loss-ratio>
        cfm-ethlm-far-end-eir-frame-loss-ratio
      </cfm-ethlm-far-end-eir-frame-loss-ratio>
    </cfm-ethlm-loss-entry>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-ethlm-loss-entry>
      <cfm-ethlm-loss-entry-index>
        cfm-ethlm-loss-entry-index
      </cfm-ethlm-loss-entry-index>
      <cfm-ethlm-near-end-cir-frame-loss>
        cfm-ethlm-near-end-cir-frame-loss
      </cfm-ethlm-near-end-cir-frame-loss>
      <cfm-ethlm-near-end-total-cir-tx>
        cfm-ethlm-near-end-total-cir-tx
      </cfm-ethlm-near-end-total-cir-tx>
      <cfm-ethlm-far-end-cir-frame-loss>
        cfm-ethlm-far-end-cir-frame-loss
      </cfm-ethlm-far-end-cir-frame-loss>
      <cfm-ethlm-far-end-total-cir-tx>
        cfm-ethlm-far-end-total-cir-tx
      </cfm-ethlm-far-end-total-cir-tx>
      <cfm-ethlm-near-end-eir-frame-loss>
        cfm-ethlm-near-end-eir-frame-loss
      </cfm-ethlm-near-end-eir-frame-loss>
      <cfm-ethlm-near-end-total-eir-tx>
        cfm-ethlm-near-end-total-eir-tx
      </cfm-ethlm-near-end-total-eir-tx>
      <cfm-ethlm-far-end-eir-frame-loss>
        cfm-ethlm-far-end-eir-frame-loss
      </cfm-ethlm-far-end-eir-frame-loss>
      <cfm-ethlm-far-end-total-eir-tx>
        cfm-ethlm-far-end-total-eir-tx
      </cfm-ethlm-far-end-total-eir-tx>
      <cfm-ethlm-near-end-cir-frame-loss-ratio>
        cfm-ethlm-near-end-cir-frame-loss-ratio
      </cfm-ethlm-near-end-cir-frame-loss-ratio>
      <cfm-ethlm-far-end-cir-frame-loss-ratio>
        cfm-ethlm-far-end-cir-frame-loss-ratio
      </cfm-ethlm-far-end-cir-frame-loss-ratio>
      <cfm-ethlm-near-end-eir-frame-loss-ratio>
        cfm-ethlm-near-end-eir-frame-loss-ratio
      </cfm-ethlm-near-end-eir-frame-loss-ratio>
      <cfm-ethlm-far-end-eir-frame-loss-ratio>
        cfm-ethlm-far-end-eir-frame-loss-ratio
      </cfm-ethlm-far-end-eir-frame-loss-ratio>
    </cfm-ethlm-loss-entry>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-ethlm-loss-entry>
      <cfm-ethlm-loss-entry-index>
        cfm-ethlm-loss-entry-index
      </cfm-ethlm-loss-entry-index>
      <cfm-ethlm-near-end-cir-frame-loss>
        cfm-ethlm-near-end-cir-frame-loss
      </cfm-ethlm-near-end-cir-frame-loss>
      <cfm-ethlm-near-end-total-cir-tx>
        cfm-ethlm-near-end-total-cir-tx
      </cfm-ethlm-near-end-total-cir-tx>
      <cfm-ethlm-far-end-cir-frame-loss>
        cfm-ethlm-far-end-cir-frame-loss
      </cfm-ethlm-far-end-cir-frame-loss>
      <cfm-ethlm-far-end-total-cir-tx>
        cfm-ethlm-far-end-total-cir-tx
      </cfm-ethlm-far-end-total-cir-tx>
      <cfm-ethlm-near-end-eir-frame-loss>
        cfm-ethlm-near-end-eir-frame-loss
      </cfm-ethlm-near-end-eir-frame-loss>
      <cfm-ethlm-near-end-total-eir-tx>
        cfm-ethlm-near-end-total-eir-tx
      </cfm-ethlm-near-end-total-eir-tx>
      <cfm-ethlm-far-end-eir-frame-loss>
        cfm-ethlm-far-end-eir-frame-loss
      </cfm-ethlm-far-end-eir-frame-loss>
      <cfm-ethlm-far-end-total-eir-tx>
        cfm-ethlm-far-end-total-eir-tx
      </cfm-ethlm-far-end-total-eir-tx>
      <cfm-ethlm-near-end-cir-frame-loss-ratio>
        cfm-ethlm-near-end-cir-frame-loss-ratio
      </cfm-ethlm-near-end-cir-frame-loss-ratio>
      <cfm-ethlm-far-end-cir-frame-loss-ratio>
        cfm-ethlm-far-end-cir-frame-loss-ratio
      </cfm-ethlm-far-end-cir-frame-loss-ratio>
      <cfm-ethlm-near-end-eir-frame-loss-ratio>
        cfm-ethlm-near-end-eir-frame-loss-ratio
      </cfm-ethlm-near-end-eir-frame-loss-ratio>
      <cfm-ethlm-far-end-eir-frame-loss-ratio>
        cfm-ethlm-far-end-eir-frame-loss-ratio
      </cfm-ethlm-far-end-eir-frame-loss-ratio>
    </cfm-ethlm-loss-entry>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-ethlm-loss-entry>

Usage

```

<cfm-iterator-statistics>

```

```

<cfm-entry>
  <cfm-ethlm-loss-entry>
    <cfm-ethlm-loss-entry-index>
      cfm-ethlm-loss-entry-index
    </cfm-ethlm-loss-entry-index>
    <cfm-ethlm-near-end-cir-frame-loss>
      cfm-ethlm-near-end-cir-frame-loss
    </cfm-ethlm-near-end-cir-frame-loss>
    <cfm-ethlm-near-end-total-cir-tx>
      cfm-ethlm-near-end-total-cir-tx
    </cfm-ethlm-near-end-total-cir-tx>
    <cfm-ethlm-far-end-cir-frame-loss>
      cfm-ethlm-far-end-cir-frame-loss
    </cfm-ethlm-far-end-cir-frame-loss>
    <cfm-ethlm-far-end-total-cir-tx>
      cfm-ethlm-far-end-total-cir-tx
    </cfm-ethlm-far-end-total-cir-tx>
    <cfm-ethlm-near-end-eir-frame-loss>
      cfm-ethlm-near-end-eir-frame-loss
    </cfm-ethlm-near-end-eir-frame-loss>
    <cfm-ethlm-near-end-total-eir-tx>
      cfm-ethlm-near-end-total-eir-tx
    </cfm-ethlm-near-end-total-eir-tx>
    <cfm-ethlm-far-end-eir-frame-loss>
      cfm-ethlm-far-end-eir-frame-loss
    </cfm-ethlm-far-end-eir-frame-loss>
    <cfm-ethlm-far-end-total-eir-tx>
      cfm-ethlm-far-end-total-eir-tx
    </cfm-ethlm-far-end-total-eir-tx>
    <cfm-ethlm-near-end-cir-frame-loss-ratio>
      cfm-ethlm-near-end-cir-frame-loss-ratio
    </cfm-ethlm-near-end-cir-frame-loss-ratio>
    <cfm-ethlm-far-end-cir-frame-loss-ratio>
      cfm-ethlm-far-end-cir-frame-loss-ratio
    </cfm-ethlm-far-end-cir-frame-loss-ratio>
    <cfm-ethlm-near-end-eir-frame-loss-ratio>
      cfm-ethlm-near-end-eir-frame-loss-ratio
    </cfm-ethlm-near-end-eir-frame-loss-ratio>
    <cfm-ethlm-far-end-eir-frame-loss-ratio>
      cfm-ethlm-far-end-eir-frame-loss-ratio
    </cfm-ethlm-far-end-eir-frame-loss-ratio>
  </cfm-ethlm-loss-entry>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-filter>

Usage

```

<cfm-filter>
  <cfm-filter-name>
    cfm-filter-name
  </cfm-filter-name>
  <cfm-filter-state>

```

```

    cfm-filter-state
  </cfm-filter-state>
  <cfm-filter-term-count>
    cfm-filter-term-count
  </cfm-filter-term-count>
  <cfm-filter-term-attachment>
    cfm-filter-term-attachment
  </cfm-filter-term-attachment>
</cfm-filter>

```

Description

<cfm-filter>

Usage

```

<cfm-firewall-filter-instance-information>
  <cfm-filter>
    <cfm-filter-name>
      cfm-filter-name
    </cfm-filter-name>
    <cfm-filter-state>
      cfm-filter-state
    </cfm-filter-state>
    <cfm-filter-term-count>
      cfm-filter-term-count
    </cfm-filter-term-count>
    <cfm-filter-term-attachment>
      cfm-filter-term-attachment
    </cfm-filter-term-attachment>
  </cfm-filter>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-filter>

Usage

```

<cfm-firewall-filter-interface-information>
  <cfm-filter>
    <cfm-filter-name>
      cfm-filter-name
    </cfm-filter-name>
    <cfm-filter-state>
      cfm-filter-state
    </cfm-filter-state>
    <cfm-filter-term-count>
      cfm-filter-term-count
    </cfm-filter-term-count>
    <cfm-filter-term-attachment>
      cfm-filter-term-attachment
    </cfm-filter-term-attachment>
  </cfm-filter>
</cfm-firewall-filter-interface-information>

```

Description

<cfm-filter-term>

Usage

```
<cfm-filter-term>
  <cfm-filter-term-name>
    cfm-filter-term-name
  </cfm-filter-term-name>
  <cfm-filter-term-id>
    cfm-filter-term-id
  </cfm-filter-term-id>
  <cfm-filter-term-state>
    cfm-filter-term-state
  </cfm-filter-term-state>
  <cfm-filter-term-key>
    cfm-filter-term-key
  </cfm-filter-term-key>
  <cfm-filter-term-action>
    cfm-filter-term-action
  </cfm-filter-term-action>
  <cfm-filter-term-action-details>
    cfm-filter-term-action-details
  </cfm-filter-term-action-details>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  <cfm-policer-instance-name>
    cfm-policer-instance-name
  </cfm-policer-instance-name>
</cfm-filter-term>
```

Description

<cfm-filter-term>

Usage

```
<cfm-firewall-filter-instance-information>
  <cfm-filter-term>
    <cfm-filter-term-name>
      cfm-filter-term-name
    </cfm-filter-term-name>
    <cfm-filter-term-id>
      cfm-filter-term-id
    </cfm-filter-term-id>
    <cfm-filter-term-state>
      cfm-filter-term-state
    </cfm-filter-term-state>
    <cfm-filter-term-key>
      cfm-filter-term-key
    </cfm-filter-term-key>
    <cfm-filter-term-action>
      cfm-filter-term-action
    </cfm-filter-term-action>
    <cfm-filter-term-action-details>
      cfm-filter-term-action-details
    </cfm-filter-term-action-details>
```

```

    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
    <cfm-policer-instance-name>
      cfm-policer-instance-name
    </cfm-policer-instance-name>
  </cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-filter-term>

Usage

```

<cfm-firewall-filter-interface-information>
  <cfm-filter-term>
    <cfm-filter-term-name>
      cfm-filter-term-name
    </cfm-filter-term-name>
    <cfm-filter-term-id>
      cfm-filter-term-id
    </cfm-filter-term-id>
    <cfm-filter-term-state>
      cfm-filter-term-state
    </cfm-filter-term-state>
    <cfm-filter-term-key>
      cfm-filter-term-key
    </cfm-filter-term-key>
    <cfm-filter-term-action>
      cfm-filter-term-action
    </cfm-filter-term-action>
    <cfm-filter-term-action-details>
      cfm-filter-term-action-details
    </cfm-filter-term-action-details>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
    <cfm-policer-instance-name>
      cfm-policer-instance-name
    </cfm-policer-instance-name>
  </cfm-filter-term>
</cfm-firewall-filter-interface-information>

```

Description

<cfm-firewall-filter-instance-information>

Usage

```

<cfm-firewall-filter-instance-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-filter>....</cfm-filter>
  <cfm-filter-term>....</cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-firewall-filter-interface-information>

Usage

```
<cfm-firewall-filter-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-filter>....</cfm-filter>
  <cfm-filter-term>....</cfm-filter-term>
</cfm-firewall-filter-interface-information>
```

Description

<cfm-flood-instance-information>

Usage

```
<cfm-flood-instance-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-num-active-customer-endpoint-iffs>
    cfm-num-active-customer-endpoint-iffs
  </cfm-num-active-customer-endpoint-iffs>
  <cfm-num-active-vpn-endpoint-iffs>
    cfm-num-active-vpn-endpoint-iffs
  </cfm-num-active-vpn-endpoint-iffs>

  <cfm-flood-maintenance-domain-level>....</cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>
```

Description

<cfm-flood-interface-information>

Usage

```
<cfm-flood-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>

  <cfm-flood-maintenance-domain-level>....</cfm-flood-maintenance-domain-level>
</cfm-flood-interface-information>
```

Description

<cfm-flood-maintenance-domain-level>**Usage**

```

<cfm-flood-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-filter-action>
    cfm-filter-action
  </cfm-filter-action>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>

```

Description**<cfm-flood-maintenance-domain-level>****Usage**

```

<cfm-flood-instance-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-filter-action>
      cfm-filter-action
    </cfm-filter-action>
    <cfm-nexthop-type>
      cfm-nexthop-type
    </cfm-nexthop-type>
    <cfm-nexthop-index>
      cfm-nexthop-index
    </cfm-nexthop-index>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>

```

Description**<cfm-flood-maintenance-domain-level>****Usage**

```

<cfm-flood-interface-information>

```

```
<cfm-flood-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-filter-action>
    cfm-filter-action
  </cfm-filter-action>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>
</cfm-flood-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-flood-nexthop-components>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-type>
    cfm-interface-type
  </cfm-interface-type>
  <cfm-interface-nexthop-type>
    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-flood-maintenance-domain-level>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
```



```

    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-flood-instance-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-flood-interface-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>

```

```
</cfm-flood-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-route-maintenance-domain-level>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-route-maintenance-domain-level>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-transmit-interface-information>
  <cfm-route-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-route-maintenance-domain-level>
</cfm-transmit-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-filter-term>
```

```

<cfm-flood-nexthop-components>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-type>
    cfm-interface-type
  </cfm-interface-type>
  <cfm-interface-nexthop-type>
    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-filter-term>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-firewall-filter-instance-information>
  <cfm-filter-term>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-firewall-filter-interface-information>
  <cfm-filter-term>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
    </cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-interface-information>

```

```
<cfm-interface-nexthop-type>
  cfm-interface-nexthop-type
</cfm-interface-nexthop-type>
<cfm-interface-nexthop-index>
  cfm-interface-nexthop-index
</cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-filter-term>
</cfm-firewall-filter-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-nexthop-information>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-nexthop-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-route-information>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-route-information>
```

Description

<cfm-instance-mip-information>

Usage

```
<cfm-instance-mip-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-maintenance-domain-mhf>
    cfm-maintenance-domain-mhf
  </cfm-maintenance-domain-mhf>
  <cfm-maintenance-association-mhf>
    cfm-maintenance-association-mhf
  </cfm-maintenance-association-mhf>
  <cfm-default-maintenance-domain-mhf>
    cfm-default-maintenance-domain-mhf
  </cfm-default-maintenance-domain-mhf>
  <cfm-interface-mip-information>....</cfm-interface-mip-information>
</cfm-instance-mip-information>
```

Description

<cfm-instance-mip-information>

Usage

```
<cfm-mip-information>
  <cfm-instance-mip-information>
    <cfm-instance-name>
      cfm-instance-name
    </cfm-instance-name>
    <cfm-maintenance-domain-mhf>
      cfm-maintenance-domain-mhf
    </cfm-maintenance-domain-mhf>
    <cfm-maintenance-association-mhf>
      cfm-maintenance-association-mhf
    </cfm-maintenance-association-mhf>
    <cfm-default-maintenance-domain-mhf>
      cfm-default-maintenance-domain-mhf
    </cfm-default-maintenance-domain-mhf>
    <cfm-interface-mip-information>....</cfm-interface-mip-information>
  </cfm-instance-mip-information>
</cfm-mip-information>
```

Description

<cfm-interface>

Usage

```
<cfm-interface>
  <cfm-interface-snapshot>....</cfm-interface-snapshot>
  <cfm-entry>....</cfm-entry>
</cfm-interface>
```

Description Information about connectivity fault management for one or more interfaces

<cfm-interface-continuity-check>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-continuity-check>
        <cfm-continuity-check-status>
          cfm-continuity-check-status
        </cfm-continuity-check-status>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-continuity-check-loss-threshold>
          cfm-continuity-check-loss-threshold
        </cfm-continuity-check-loss-threshold>
      </cfm-interface-continuity-check>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>
          <cfm-continuity-check-status>
            cfm-continuity-check-status
          </cfm-continuity-check-status>
          <cfm-continuity-check-interval>
            cfm-continuity-check-interval
          </cfm-continuity-check-interval>
          <cfm-continuity-check-loss-threshold>
            cfm-continuity-check-loss-threshold
          </cfm-continuity-check-loss-threshold>
        </cfm-interface-continuity-check>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-mep-database>
```

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-continuity-check>
        <cfm-continuity-check-status>
          cfm-continuity-check-status
        </cfm-continuity-check-status>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-continuity-check-loss-threshold>
          cfm-continuity-check-loss-threshold
        </cfm-continuity-check-loss-threshold>
      </cfm-interface-continuity-check>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-continuity-check>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>
          <cfm-continuity-check-status>
            cfm-continuity-check-status
          </cfm-continuity-check-status>
          <cfm-continuity-check-interval>
            cfm-continuity-check-interval
          </cfm-continuity-check-interval>
          <cfm-continuity-check-loss-threshold>
            cfm-continuity-check-loss-threshold
          </cfm-continuity-check-loss-threshold>
        </cfm-interface-continuity-check>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-continuity-check>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>

```

```
<cfm-continuity-check-status>
  cfm-continuity-check-status
</cfm-continuity-check-status>
<cfm-continuity-check-interval>
  cfm-continuity-check-interval
</cfm-continuity-check-interval>
<cfm-continuity-check-loss-threshold>
  cfm-continuity-check-loss-threshold
</cfm-continuity-check-loss-threshold>
</cfm-interface-continuity-check>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-continuity-check>
    <cfm-continuity-check-status>
      cfm-continuity-check-status
    </cfm-continuity-check-status>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-continuity-check-loss-threshold>
      cfm-continuity-check-loss-threshold
    </cfm-continuity-check-loss-threshold>
  </cfm-interface-continuity-check>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-continuity-check>
    <cfm-continuity-check-status>
      cfm-continuity-check-status
    </cfm-continuity-check-status>
    <cfm-continuity-check-interval>
```



```

        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-interface-continuity-check>
  </cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-interface-entry>

Usage

```

<cfm-entry>
  <cfm-interface-entry>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
  </cfm-interface-entry>
</cfm-entry>

```

Description

<cfm-interface-entry>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-entry>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
```

```
<cfm-interface-link-status>
  cfm-interface-link-status
</cfm-interface-link-status>
</cfm-interface-entry>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-defects>
        <cfm-defect-remote-mep-no-ccm>
          cfm-defect-remote-mep-no-ccm
        </cfm-defect-remote-mep-no-ccm>
        <cfm-defect-error-ccm>
          cfm-defect-error-ccm
        </cfm-defect-error-ccm>
        <cfm-defect-cross-connect-ccm>
          cfm-defect-cross-connect-ccm
        </cfm-defect-cross-connect-ccm>
        <cfm-defect-rdi-in-some-mep>
          cfm-defect-rdi-in-some-mep
        </cfm-defect-rdi-in-some-mep>
        <cfm-defect-mac-status>
          cfm-defect-mac-status
        </cfm-defect-mac-status>
      </cfm-interface-local-mep-defects>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-defects>
          <cfm-defect-remote-mep-no-ccm>
            cfm-defect-remote-mep-no-ccm
          </cfm-defect-remote-mep-no-ccm>
          <cfm-defect-error-ccm>
            cfm-defect-error-ccm
          </cfm-defect-error-ccm>
          <cfm-defect-cross-connect-ccm>
            cfm-defect-cross-connect-ccm
          </cfm-defect-cross-connect-ccm>
          <cfm-defect-rdi-in-some-mep>
            cfm-defect-rdi-in-some-mep
          </cfm-defect-rdi-in-some-mep>
          <cfm-defect-mac-status>
            cfm-defect-mac-status
          </cfm-defect-mac-status>
        </cfm-interface-local-mep-defects>
      </cfm-interface-session>
    </cfm-interface-sessions>
```

```

    </cfm-entry>
  </cfm-interface>

```

Description

<cfm-interface-local-mep-defects>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-defects>
          <cfm-defect-remote-mep-no-ccm>
            cfm-defect-remote-mep-no-ccm
          </cfm-defect-remote-mep-no-ccm>
          <cfm-defect-error-ccm>
            cfm-defect-error-ccm
          </cfm-defect-error-ccm>
          <cfm-defect-cross-connect-ccm>
            cfm-defect-cross-connect-ccm
          </cfm-defect-cross-connect-ccm>
          <cfm-defect-rdi-in-some-mep>
            cfm-defect-rdi-in-some-mep
          </cfm-defect-rdi-in-some-mep>
          <cfm-defect-mac-status>
            cfm-defect-mac-status
          </cfm-defect-mac-status>
        </cfm-interface-local-mep-defects>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-local-mep-defects>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-defects>
          <cfm-defect-remote-mep-no-ccm>
            cfm-defect-remote-mep-no-ccm
          </cfm-defect-remote-mep-no-ccm>
          <cfm-defect-error-ccm>
            cfm-defect-error-ccm
          </cfm-defect-error-ccm>
          <cfm-defect-cross-connect-ccm>
            cfm-defect-cross-connect-ccm
          </cfm-defect-cross-connect-ccm>
          <cfm-defect-rdi-in-some-mep>

```

```
    cfm-defect-rdi-in-some-mep
  </cfm-defect-rdi-in-some-mep>
  <cfm-defect-mac-status>
    cfm-defect-mac-status
  </cfm-defect-mac-status>
</cfm-interface-local-mep-defects>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-defects>
        <cfm-defect-remote-mep-no-ccm>
          cfm-defect-remote-mep-no-ccm
        </cfm-defect-remote-mep-no-ccm>
        <cfm-defect-error-ccm>
          cfm-defect-error-ccm
        </cfm-defect-error-ccm>
        <cfm-defect-cross-connect-ccm>
          cfm-defect-cross-connect-ccm
        </cfm-defect-cross-connect-ccm>
        <cfm-defect-rdi-in-some-mep>
          cfm-defect-rdi-in-some-mep
        </cfm-defect-rdi-in-some-mep>
        <cfm-defect-mac-status>
          cfm-defect-mac-status
        </cfm-defect-mac-status>
      </cfm-interface-local-mep-defects>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-defects>
        <cfm-defect-remote-mep-no-ccm>
          cfm-defect-remote-mep-no-ccm
```

```

</cfm-defect-remote-mep-no-ccm>
<cfm-defect-error-ccm>
  cfm-defect-error-ccm
</cfm-defect-error-ccm>
<cfm-defect-cross-connect-ccm>
  cfm-defect-cross-connect-ccm
</cfm-defect-cross-connect-ccm>
<cfm-defect-rdi-in-some-mep>
  cfm-defect-rdi-in-some-mep
</cfm-defect-rdi-in-some-mep>
<cfm-defect-mac-status>
  cfm-defect-mac-status
</cfm-defect-mac-status>
</cfm-interface-local-mep-defects>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-interface-local-mep-defects>

Usage

```

<cfm-iterator-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-defects>
        <cfm-defect-remote-mep-no-ccm>
          cfm-defect-remote-mep-no-ccm
        </cfm-defect-remote-mep-no-ccm>
        <cfm-defect-error-ccm>
          cfm-defect-error-ccm
        </cfm-defect-error-ccm>
        <cfm-defect-cross-connect-ccm>
          cfm-defect-cross-connect-ccm
        </cfm-defect-cross-connect-ccm>
        <cfm-defect-rdi-in-some-mep>
          cfm-defect-rdi-in-some-mep
        </cfm-defect-rdi-in-some-mep>
        <cfm-defect-mac-status>
          cfm-defect-mac-status
        </cfm-defect-mac-status>
      </cfm-interface-local-mep-defects>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-info>
        <cfm-local-mep-identifier>
          cfm-local-mep-identifier
        </cfm-local-mep-identifier>
        <cfm-local-mep-direction>
          cfm-local-mep-direction
        </cfm-local-mep-direction>
        <cfm-local-mep-mac-address>
          cfm-local-mep-mac-address
        </cfm-local-mep-mac-address>
        <cfm-local-mep-status>
          cfm-local-mep-status
        </cfm-local-mep-status>
      </cfm-interface-local-mep-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-local-mep-info>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-local-mep-info>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
```

```
</cfm-loss-statistics>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>
          cfm-lbr-received
        </cfm-lbr-received>
```

```
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
```

```

</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description

<cfm-interface-local-mep-statistics>

Usage

```

<cfm-interface>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>
          cfm-lbr-received
        </cfm-lbr-received>
        <cfm-lbr-received-out-of-order>
          cfm-lbr-received-out-of-order
        </cfm-lbr-received-out-of-order>
        <cfm-lbr-bad-msdu>
          cfm-lbr-bad-msdu
        </cfm-lbr-bad-msdu>
        <cfm-total-ltm-sent>
          cfm-total-ltm-sent
        </cfm-total-ltm-sent>
        <cfm-total-ltm-received>
          cfm-total-ltm-received
        </cfm-total-ltm-received>
      
```

```
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
```

```

        </cfm-lmr-received-invalid>
    </cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-local-mep-statistics>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>
          cfm-lbr-received
        </cfm-lbr-received>
        <cfm-lbr-received-out-of-order>
          cfm-lbr-received-out-of-order
        </cfm-lbr-received-out-of-order>
        <cfm-lbr-bad-msdu>
          cfm-lbr-bad-msdu
        </cfm-lbr-bad-msdu>
        <cfm-total-ltm-sent>
          cfm-total-ltm-sent
        </cfm-total-ltm-sent>
        <cfm-total-ltm-received>
          cfm-total-ltm-received
        </cfm-total-ltm-received>
        <cfm-total-ltr-sent>
          cfm-total-ltr-sent
        </cfm-total-ltr-sent>
        <cfm-total-ltr-received>
          cfm-total-ltr-received
        </cfm-total-ltr-received>
        <cfm-next-ltm-sequence-number>
          cfm-next-ltm-sequence-number
        </cfm-next-ltm-sequence-number>
        <cfm-onedm-sent>
          cfm-onedm-sent

```

```
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-statistics>
          <cfm-total-ccm-sent>
            cfm-total-ccm-sent
          </cfm-total-ccm-sent>
          <cfm-out-of-sequence-ccm-received>
            cfm-out-of-sequence-ccm-received
          </cfm-out-of-sequence-ccm-received>
          <cfm-lbm-sent>
            cfm-lbm-sent
          </cfm-lbm-sent>
          <cfm-lbr-sent>
            cfm-lbr-sent
          </cfm-lbr-sent>
          <cfm-lbr-received>
            cfm-lbr-received
          </cfm-lbr-received>
          <cfm-lbr-received-out-of-order>
            cfm-lbr-received-out-of-order
          </cfm-lbr-received-out-of-order>
          <cfm-lbr-bad-msdu>
            cfm-lbr-bad-msdu
          </cfm-lbr-bad-msdu>
          <cfm-total-ltm-sent>
            cfm-total-ltm-sent
          </cfm-total-ltm-sent>
          <cfm-total-ltm-received>
            cfm-total-ltm-received
          </cfm-total-ltm-received>
          <cfm-total-ltr-sent>
            cfm-total-ltr-sent
          </cfm-total-ltr-sent>
          <cfm-total-ltr-received>
            cfm-total-ltr-received
          </cfm-total-ltr-received>
          <cfm-next-ltm-sequence-number>
            cfm-next-ltm-sequence-number
          </cfm-next-ltm-sequence-number>
          <cfm-onedm-sent>
            cfm-onedm-sent
          </cfm-onedm-sent>
          <cfm-onedm-received>
            cfm-onedm-received
          </cfm-onedm-received>
          <cfm-onedm-received-invalid>
            cfm-onedm-received-invalid
          </cfm-onedm-received-invalid>
          <cfm-onedm-received-outofsync>
            cfm-onedm-received-outofsync

```

```
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
```

```
</cfm-total-ccm-sent>
<cfm-out-of-sequence-ccm-received>
  cfm-out-of-sequence-ccm-received
</cfm-out-of-sequence-ccm-received>
<cfm-lbm-sent>
  cfm-lbm-sent
</cfm-lbm-sent>
<cfm-lbr-sent>
  cfm-lbr-sent
</cfm-lbr-sent>
<cfm-lbr-received>
  cfm-lbr-received
</cfm-lbr-received>
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
```

```
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
  </cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-statistics>
          <cfm-total-ccm-sent>
            cfm-total-ccm-sent
          </cfm-total-ccm-sent>
          <cfm-out-of-sequence-ccm-received>
            cfm-out-of-sequence-ccm-received
          </cfm-out-of-sequence-ccm-received>
          <cfm-lbm-sent>
            cfm-lbm-sent
          </cfm-lbm-sent>
          <cfm-lbr-sent>
            cfm-lbr-sent
          </cfm-lbr-sent>
          <cfm-lbr-received>
```

```
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
```

```
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
```

```
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
```

```
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-local-mep-tlv-info>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>

    <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

  </cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```
<cfm-interface>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-local-mep-tlv-info>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>

    <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

  </cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
```



```

    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>

          <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>

          <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description**<cfm-interface-local-mep-tlv-info>****Usage**

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>

          <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description**<cfm-interface-local-mep-tlv-info>****Usage**

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>

          <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>

          <cfm-local-mep-connection-protection-tlv>....</cfm-local-mep-connection-protection-tlv>

        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-interface-mip-information>

Usage

```

<cfm-interface-mip-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
</cfm-interface-mip-information>

```

Description

<cfm-interface-mip-information>

Usage

```

<cfm-instance-mip-information>
  <cfm-interface-mip-information>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
  </cfm-interface-mip-information>
</cfm-instance-mip-information>

```

Description**<cfm-interface-mip-information>****Usage**

```
<cfm-mip-information>
  <cfm-instance-mip-information>
    <cfm-interface-mip-information>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-level>
        cfm-level
      </cfm-level>
    </cfm-interface-mip-information>
  </cfm-instance-mip-information>
</cfm-mip-information>
```

Description**<cfm-interface-remote-meps>****Usage**

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description**<cfm-interface-remote-meps>****Usage**

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep-count>
            cfm-remote-mep-count
          </cfm-remote-mep-count>
          <cfm-remote-mep>....</cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
```

```
</cfm-interface>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
```

```
</cfm-remote-mep-count>
<cfm-remote-mep>....</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-interface-session>

Usage

```
<cfm-entry>
```

```

<cfm-interface-sessions>
  <cfm-interface-session>
    <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
    <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
    <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
    <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
    <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
    <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

    <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
  </cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description

<cfm-interface-session>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
        <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
        <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
        <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
        <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
        <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

        <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-session>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
        <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
        <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
        <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
        <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
        <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

        <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

```
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-session>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-session>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-session>

Usage

```
<cfm-loss-statistics>
```



```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-interface-session>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
        <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
        <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
        <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
        <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
        <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

        <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-interface-session-identifier>

Usage

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>

```

```
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-interface-session-identifier>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
      </cfm-interface-session-identifier>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>
```

```

    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-interface-session-identifier>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-session-identifier>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-loss-statistics>
```

```

    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-interface-session-identifier>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-interface-session-snapshot>

Usage

```

<cfm-interface-snapshot>
  <cfm-interface-session-snapshot>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-interface-session-snapshot>

```

</cfm-interface-snapshot>

Description

<cfm-interface-session-snapshot>

Usage

```
<cfm-interface>
  <cfm-interface-snapshot>
    <cfm-interface-session-snapshot>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-mep-identifier>
        cfm-mep-identifier
      </cfm-mep-identifier>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-interface-session-snapshot>
  </cfm-interface-snapshot>
</cfm-interface>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>....</cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-mep-database>
```

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>....</cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
```

```
<cfm-interface-sessions>
  <cfm-interface-session>....</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-interface-snapshot>

Usage

```
<cfm-interface-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-link-status>
    cfm-interface-link-status
  </cfm-interface-link-status>
  <cfm-interface-status>
    cfm-interface-status
  </cfm-interface-status>
  <cfm-interface-session-snapshot>....</cfm-interface-session-snapshot>
</cfm-interface-snapshot>
```

Description

<cfm-interface-snapshot>

Usage

```
<cfm-interface>
  <cfm-interface-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-session-snapshot>....</cfm-interface-session-snapshot>
  </cfm-interface-snapshot>
</cfm-interface>
```

Description

<cfm-iter-ethdm-entry>

Usage

```
<cfm-entry>
  <cfm-iter-ethdm-entry>
    <cfm-delay-weight>
      cfm-delay-weight
    </cfm-delay-weight>
```



```

<cfm-delay-variation-weight>
  cfm-delay-variation-weight
</cfm-delay-variation-weight>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-skipped-for-threshold-hit>
  cfm-dmm-skipped-for-threshold-hit
</cfm-dmm-skipped-for-threshold-hit>
<cfm-dmm-skipped-for-threshold-hit-window>
  cfm-dmm-skipped-for-threshold-hit-window
</cfm-dmm-skipped-for-threshold-hit-window>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-out-of-sequence>
  cfm-dmr-out-of-sequence
</cfm-dmr-out-of-sequence>
<cfm-dmr-invalid-time-stamp>
  cfm-dmr-invalid-time-stamp
</cfm-dmr-invalid-time-stamp>
<cfm-average-twoway-delay>
  cfm-average-twoway-delay
</cfm-average-twoway-delay>
<cfm-average-twoway-delay-variation>
  cfm-average-twoway-delay-variation
</cfm-average-twoway-delay-variation>
<cfm-average-oneway-fwd-delay-variation>
  cfm-average-oneway-fwd-delay-variation
</cfm-average-oneway-fwd-delay-variation>
<cfm-average-oneway-bkwd-delay-variation>
  cfm-average-oneway-bkwd-delay-variation
</cfm-average-oneway-bkwd-delay-variation>
<cfm-weighted-average-twoway-delay>
  cfm-weighted-average-twoway-delay
</cfm-weighted-average-twoway-delay>
<cfm-weighted-average-twoway-delay-variation>
  cfm-weighted-average-twoway-delay-variation
</cfm-weighted-average-twoway-delay-variation>
<cfm-weighted-average-oneway-fwd-delay-variation>
  cfm-weighted-average-oneway-fwd-delay-variation
</cfm-weighted-average-oneway-fwd-delay-variation>
<cfm-weighted-average-oneway-bkwd-delay-variation>
  cfm-weighted-average-oneway-bkwd-delay-variation
</cfm-weighted-average-oneway-bkwd-delay-variation>
</cfm-iter-ethdm-entry>
</cfm-entry>

```

Description

<cfm-iter-ethdm-entry>

Usage

```

<cfm-interface>
  <cfm-entry>

```

```
<cfm-iter-ethdm-entry>
  <cfm-delay-weight>
    cfm-delay-weight
  </cfm-delay-weight>
  <cfm-delay-variation-weight>
    cfm-delay-variation-weight
  </cfm-delay-variation-weight>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-skipped-for-threshold-hit>
    cfm-dmm-skipped-for-threshold-hit
  </cfm-dmm-skipped-for-threshold-hit>
  <cfm-dmm-skipped-for-threshold-hit-window>
    cfm-dmm-skipped-for-threshold-hit-window
  </cfm-dmm-skipped-for-threshold-hit-window>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-out-of-sequence>
    cfm-dmr-out-of-sequence
  </cfm-dmr-out-of-sequence>
  <cfm-dmr-invalid-time-stamp>
    cfm-dmr-invalid-time-stamp
  </cfm-dmr-invalid-time-stamp>
  <cfm-average-twoway-delay>
    cfm-average-twoway-delay
  </cfm-average-twoway-delay>
  <cfm-average-twoway-delay-variation>
    cfm-average-twoway-delay-variation
  </cfm-average-twoway-delay-variation>
  <cfm-average-oneway-fwd-delay-variation>
    cfm-average-oneway-fwd-delay-variation
  </cfm-average-oneway-fwd-delay-variation>
  <cfm-average-oneway-bkwd-delay-variation>
    cfm-average-oneway-bkwd-delay-variation
  </cfm-average-oneway-bkwd-delay-variation>
  <cfm-weighted-average-twoway-delay>
    cfm-weighted-average-twoway-delay
  </cfm-weighted-average-twoway-delay>
  <cfm-weighted-average-twoway-delay-variation>
    cfm-weighted-average-twoway-delay-variation
  </cfm-weighted-average-twoway-delay-variation>
  <cfm-weighted-average-oneway-fwd-delay-variation>
    cfm-weighted-average-oneway-fwd-delay-variation
  </cfm-weighted-average-oneway-fwd-delay-variation>
  <cfm-weighted-average-oneway-bkwd-delay-variation>
    cfm-weighted-average-oneway-bkwd-delay-variation
  </cfm-weighted-average-oneway-bkwd-delay-variation>
</cfm-iter-ethdm-entry>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-iter-ethdm-entry>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-iter-ethdm-entry>
      <cfm-delay-weight>
        cfm-delay-weight
      </cfm-delay-weight>
      <cfm-delay-variation-weight>
        cfm-delay-variation-weight
      </cfm-delay-variation-weight>
      <cfm-dmm-sent>
        cfm-dmm-sent
      </cfm-dmm-sent>
      <cfm-dmm-skipped-for-threshold-hit>
        cfm-dmm-skipped-for-threshold-hit
      </cfm-dmm-skipped-for-threshold-hit>
      <cfm-dmm-skipped-for-threshold-hit-window>
        cfm-dmm-skipped-for-threshold-hit-window
      </cfm-dmm-skipped-for-threshold-hit-window>
      <cfm-dmr-received>
        cfm-dmr-received
      </cfm-dmr-received>
      <cfm-dmr-out-of-sequence>
        cfm-dmr-out-of-sequence
      </cfm-dmr-out-of-sequence>
      <cfm-dmr-invalid-time-stamp>
        cfm-dmr-invalid-time-stamp
      </cfm-dmr-invalid-time-stamp>
      <cfm-average-twoway-delay>
        cfm-average-twoway-delay
      </cfm-average-twoway-delay>
      <cfm-average-twoway-delay-variation>
        cfm-average-twoway-delay-variation
      </cfm-average-twoway-delay-variation>
      <cfm-average-oneway-fwd-delay-variation>
        cfm-average-oneway-fwd-delay-variation
      </cfm-average-oneway-fwd-delay-variation>
      <cfm-average-oneway-bkwd-delay-variation>
        cfm-average-oneway-bkwd-delay-variation
      </cfm-average-oneway-bkwd-delay-variation>
      <cfm-weighted-average-twoway-delay>
        cfm-weighted-average-twoway-delay
      </cfm-weighted-average-twoway-delay>
      <cfm-weighted-average-twoway-delay-variation>
        cfm-weighted-average-twoway-delay-variation
      </cfm-weighted-average-twoway-delay-variation>
      <cfm-weighted-average-oneway-fwd-delay-variation>
        cfm-weighted-average-oneway-fwd-delay-variation
      </cfm-weighted-average-oneway-fwd-delay-variation>
      <cfm-weighted-average-oneway-bkwd-delay-variation>
        cfm-weighted-average-oneway-bkwd-delay-variation
      </cfm-weighted-average-oneway-bkwd-delay-variation>
    </cfm-iter-ethdm-entry>
  </cfm-entry>
</cfm-mep-database>

```

```
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-iter-ethdm-entry>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-iter-ethdm-entry>
      <cfm-delay-weight>
        cfm-delay-weight
      </cfm-delay-weight>
      <cfm-delay-variation-weight>
        cfm-delay-variation-weight
      </cfm-delay-variation-weight>
      <cfm-dmm-sent>
        cfm-dmm-sent
      </cfm-dmm-sent>
      <cfm-dmm-skipped-for-threshold-hit>
        cfm-dmm-skipped-for-threshold-hit
      </cfm-dmm-skipped-for-threshold-hit>
      <cfm-dmm-skipped-for-threshold-hit-window>
        cfm-dmm-skipped-for-threshold-hit-window
      </cfm-dmm-skipped-for-threshold-hit-window>
      <cfm-dmr-received>
        cfm-dmr-received
      </cfm-dmr-received>
      <cfm-dmr-out-of-sequence>
        cfm-dmr-out-of-sequence
      </cfm-dmr-out-of-sequence>
      <cfm-dmr-invalid-time-stamp>
        cfm-dmr-invalid-time-stamp
      </cfm-dmr-invalid-time-stamp>
      <cfm-average-twoway-delay>
        cfm-average-twoway-delay
      </cfm-average-twoway-delay>
      <cfm-average-twoway-delay-variation>
        cfm-average-twoway-delay-variation
      </cfm-average-twoway-delay-variation>
      <cfm-average-oneway-fwd-delay-variation>
        cfm-average-oneway-fwd-delay-variation
      </cfm-average-oneway-fwd-delay-variation>
      <cfm-average-oneway-bkwd-delay-variation>
        cfm-average-oneway-bkwd-delay-variation
      </cfm-average-oneway-bkwd-delay-variation>
      <cfm-weighted-average-twoway-delay>
        cfm-weighted-average-twoway-delay
      </cfm-weighted-average-twoway-delay>
      <cfm-weighted-average-twoway-delay-variation>
        cfm-weighted-average-twoway-delay-variation
      </cfm-weighted-average-twoway-delay-variation>
      <cfm-weighted-average-oneway-fwd-delay-variation>
        cfm-weighted-average-oneway-fwd-delay-variation
```

```

    </cfm-weighted-average-oneway-fwd-delay-variation>
    <cfm-weighted-average-oneway-bkwd-delay-variation>
      cfm-weighted-average-oneway-bkwd-delay-variation
    </cfm-weighted-average-oneway-bkwd-delay-variation>
  </cfm-iter-ethdm-entry>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-iter-ethdm-entry>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-iter-ethdm-entry>
      <cfm-delay-weight>
        cfm-delay-weight
      </cfm-delay-weight>
      <cfm-delay-variation-weight>
        cfm-delay-variation-weight
      </cfm-delay-variation-weight>
      <cfm-dmm-sent>
        cfm-dmm-sent
      </cfm-dmm-sent>
      <cfm-dmm-skipped-for-threshold-hit>
        cfm-dmm-skipped-for-threshold-hit
      </cfm-dmm-skipped-for-threshold-hit>
      <cfm-dmm-skipped-for-threshold-hit-window>
        cfm-dmm-skipped-for-threshold-hit-window
      </cfm-dmm-skipped-for-threshold-hit-window>
      <cfm-dmr-received>
        cfm-dmr-received
      </cfm-dmr-received>
      <cfm-dmr-out-of-sequence>
        cfm-dmr-out-of-sequence
      </cfm-dmr-out-of-sequence>
      <cfm-dmr-invalid-time-stamp>
        cfm-dmr-invalid-time-stamp
      </cfm-dmr-invalid-time-stamp>
      <cfm-average-twoway-delay>
        cfm-average-twoway-delay
      </cfm-average-twoway-delay>
      <cfm-average-twoway-delay-variation>
        cfm-average-twoway-delay-variation
      </cfm-average-twoway-delay-variation>
      <cfm-average-oneway-fwd-delay-variation>
        cfm-average-oneway-fwd-delay-variation
      </cfm-average-oneway-fwd-delay-variation>
      <cfm-average-oneway-bkwd-delay-variation>
        cfm-average-oneway-bkwd-delay-variation
      </cfm-average-oneway-bkwd-delay-variation>
      <cfm-weighted-average-twoway-delay>
        cfm-weighted-average-twoway-delay
      </cfm-weighted-average-twoway-delay>
    </cfm-iter-ethdm-entry>
  </cfm-entry>
</cfm-delay-statistics>

```

```
<cfm-weighted-average-twoway-delay-variation>
  cfm-weighted-average-twoway-delay-variation
</cfm-weighted-average-twoway-delay-variation>
<cfm-weighted-average-oneway-fwd-delay-variation>
  cfm-weighted-average-oneway-fwd-delay-variation
</cfm-weighted-average-oneway-fwd-delay-variation>
<cfm-weighted-average-oneway-bkwd-delay-variation>
  cfm-weighted-average-oneway-bkwd-delay-variation
</cfm-weighted-average-oneway-bkwd-delay-variation>
</cfm-iter-ethdm-entry>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-iter-ethdm-entry>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-iter-ethdm-entry>
    <cfm-delay-weight>
      cfm-delay-weight
    </cfm-delay-weight>
    <cfm-delay-variation-weight>
      cfm-delay-variation-weight
    </cfm-delay-variation-weight>
    <cfm-dmm-sent>
      cfm-dmm-sent
    </cfm-dmm-sent>
    <cfm-dmm-skipped-for-threshold-hit>
      cfm-dmm-skipped-for-threshold-hit
    </cfm-dmm-skipped-for-threshold-hit>
    <cfm-dmm-skipped-for-threshold-hit-window>
      cfm-dmm-skipped-for-threshold-hit-window
    </cfm-dmm-skipped-for-threshold-hit-window>
    <cfm-dmr-received>
      cfm-dmr-received
    </cfm-dmr-received>
    <cfm-dmr-out-of-sequence>
      cfm-dmr-out-of-sequence
    </cfm-dmr-out-of-sequence>
    <cfm-dmr-invalid-time-stamp>
      cfm-dmr-invalid-time-stamp
    </cfm-dmr-invalid-time-stamp>
    <cfm-average-twoway-delay>
      cfm-average-twoway-delay
    </cfm-average-twoway-delay>
    <cfm-average-twoway-delay-variation>
      cfm-average-twoway-delay-variation
    </cfm-average-twoway-delay-variation>
    <cfm-average-oneway-fwd-delay-variation>
      cfm-average-oneway-fwd-delay-variation
    </cfm-average-oneway-fwd-delay-variation>
    <cfm-average-oneway-bkwd-delay-variation>
```

```

    cfm-average-oneway-bkwd-delay-variation
  </cfm-average-oneway-bkwd-delay-variation>
  <cfm-weighted-average-twoway-delay>
    cfm-weighted-average-twoway-delay
  </cfm-weighted-average-twoway-delay>
  <cfm-weighted-average-twoway-delay-variation>
    cfm-weighted-average-twoway-delay-variation
  </cfm-weighted-average-twoway-delay-variation>
  <cfm-weighted-average-oneway-fwd-delay-variation>
    cfm-weighted-average-oneway-fwd-delay-variation
  </cfm-weighted-average-oneway-fwd-delay-variation>
  <cfm-weighted-average-oneway-bkwd-delay-variation>
    cfm-weighted-average-oneway-bkwd-delay-variation
  </cfm-weighted-average-oneway-bkwd-delay-variation>
</cfm-iter-ethdm-entry>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-iter-ethdm-entry>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-iter-ethdm-entry>
      <cfm-delay-weight>
        cfm-delay-weight
      </cfm-delay-weight>
      <cfm-delay-variation-weight>
        cfm-delay-variation-weight
      </cfm-delay-variation-weight>
      <cfm-dmm-sent>
        cfm-dmm-sent
      </cfm-dmm-sent>
      <cfm-dmm-skipped-for-threshold-hit>
        cfm-dmm-skipped-for-threshold-hit
      </cfm-dmm-skipped-for-threshold-hit>
      <cfm-dmm-skipped-for-threshold-hit-window>
        cfm-dmm-skipped-for-threshold-hit-window
      </cfm-dmm-skipped-for-threshold-hit-window>
      <cfm-dmr-received>
        cfm-dmr-received
      </cfm-dmr-received>
      <cfm-dmr-out-of-sequence>
        cfm-dmr-out-of-sequence
      </cfm-dmr-out-of-sequence>
      <cfm-dmr-invalid-time-stamp>
        cfm-dmr-invalid-time-stamp
      </cfm-dmr-invalid-time-stamp>
      <cfm-average-twoway-delay>
        cfm-average-twoway-delay
      </cfm-average-twoway-delay>
      <cfm-average-twoway-delay-variation>
        cfm-average-twoway-delay-variation

```

```
</cfm-average-twoway-delay-variation>
<cfm-average-oneway-fwd-delay-variation>
  cfm-average-oneway-fwd-delay-variation
</cfm-average-oneway-fwd-delay-variation>
<cfm-average-oneway-bkwd-delay-variation>
  cfm-average-oneway-bkwd-delay-variation
</cfm-average-oneway-bkwd-delay-variation>
<cfm-weighted-average-twoway-delay>
  cfm-weighted-average-twoway-delay
</cfm-weighted-average-twoway-delay>
<cfm-weighted-average-twoway-delay-variation>
  cfm-weighted-average-twoway-delay-variation
</cfm-weighted-average-twoway-delay-variation>
<cfm-weighted-average-oneway-fwd-delay-variation>
  cfm-weighted-average-oneway-fwd-delay-variation
</cfm-weighted-average-oneway-fwd-delay-variation>
<cfm-weighted-average-oneway-bkwd-delay-variation>
  cfm-weighted-average-oneway-bkwd-delay-variation
</cfm-weighted-average-oneway-bkwd-delay-variation>
</cfm-iter-ethdm-entry>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-iter-ethlm-entry>

Usage

```
<cfm-entry>
<cfm-iter-ethlm-entry>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-skipped-for-threshold-hit>
    cfm-lmm-skipped-for-threshold-hit
  </cfm-lmm-skipped-for-threshold-hit>
  <cfm-lmm-skipped-for-threshold-hit-window>
    cfm-lmm-skipped-for-threshold-hit-window
  </cfm-lmm-skipped-for-threshold-hit-window>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-out-of-seq>
    cfm-lmr-out-of-seq
  </cfm-lmr-out-of-seq>
  <cfm-accu-tx-near-end-cir-loss-stats>
    cfm-accu-tx-near-end-cir-loss-stats
  </cfm-accu-tx-near-end-cir-loss-stats>
  <cfm-accu-tx-far-end-cir-loss-stats>
    cfm-accu-tx-far-end-cir-loss-stats
  </cfm-accu-tx-far-end-cir-loss-stats>
  <cfm-accu-tx-near-end-eir-loss-stats>
    cfm-accu-tx-near-end-eir-loss-stats
  </cfm-accu-tx-near-end-eir-loss-stats>
  <cfm-accu-tx-far-end-eir-loss-stats>
```



```

    cfm-accu-tx-far-end-eir-loss-stats
  </cfm-accu-tx-far-end-eir-loss-stats>
  <cfm-accu-loss-near-end-cir-loss-stats>
    cfm-accu-loss-near-end-cir-loss-stats
  </cfm-accu-loss-near-end-cir-loss-stats>
  <cfm-accu-loss-near-end-cir-loss-stats-percent>
    cfm-accu-loss-near-end-cir-loss-stats-percent
  </cfm-accu-loss-near-end-cir-loss-stats-percent>
  <cfm-accu-loss-far-end-cir-loss-stats>
    cfm-accu-loss-far-end-cir-loss-stats
  </cfm-accu-loss-far-end-cir-loss-stats>
  <cfm-accu-loss-far-end-cir-loss-stats-percent>
    cfm-accu-loss-far-end-cir-loss-stats-percent
  </cfm-accu-loss-far-end-cir-loss-stats-percent>
  <cfm-accu-loss-near-end-eir-loss-stats>
    cfm-accu-loss-near-end-eir-loss-stats
  </cfm-accu-loss-near-end-eir-loss-stats>
  <cfm-accu-loss-near-end-eir-loss-stats-percent>
    cfm-accu-loss-near-end-eir-loss-stats-percent
  </cfm-accu-loss-near-end-eir-loss-stats-percent>
  <cfm-accu-loss-far-end-eir-loss-stats>
    cfm-accu-loss-far-end-eir-loss-stats
  </cfm-accu-loss-far-end-eir-loss-stats>
  <cfm-accu-loss-far-end-eir-loss-stats-percent>
    cfm-accu-loss-far-end-eir-loss-stats-percent
  </cfm-accu-loss-far-end-eir-loss-stats-percent>
  <cfm-last-measured-near-end-cir-loss-stats>
    cfm-last-measured-near-end-cir-loss-stats
  </cfm-last-measured-near-end-cir-loss-stats>
  <cfm-last-measured-far-end-cir-loss-stats>
    cfm-last-measured-far-end-cir-loss-stats
  </cfm-last-measured-far-end-cir-loss-stats>
  <cfm-last-measured-near-end-eir-loss-stats>
    cfm-last-measured-near-end-eir-loss-stats
  </cfm-last-measured-near-end-eir-loss-stats>
  <cfm-last-measured-far-end-eir-loss-stats>
    cfm-last-measured-far-end-eir-loss-stats
  </cfm-last-measured-far-end-eir-loss-stats>
</cfm-iter-ethlm-entry>
</cfm-entry>

```

Description

<cfm-iter-ethlm-entry>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-iter-ethlm-entry>
      <cfm-lmm-sent>
        cfm-lmm-sent
      </cfm-lmm-sent>
      <cfm-lmm-skipped-for-threshold-hit>
        cfm-lmm-skipped-for-threshold-hit
      </cfm-lmm-skipped-for-threshold-hit>
    </cfm-iter-ethlm-entry>
  </cfm-entry>
</cfm-interface>

```

```
<cfm-lmm-skipped-for-threshold-hit-window>
  cfm-lmm-skipped-for-threshold-hit-window
</cfm-lmm-skipped-for-threshold-hit-window>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-out-of-seq>
  cfm-lmr-out-of-seq
</cfm-lmr-out-of-seq>
<cfm-accu-tx-near-end-cir-loss-stats>
  cfm-accu-tx-near-end-cir-loss-stats
</cfm-accu-tx-near-end-cir-loss-stats>
<cfm-accu-tx-far-end-cir-loss-stats>
  cfm-accu-tx-far-end-cir-loss-stats
</cfm-accu-tx-far-end-cir-loss-stats>
<cfm-accu-tx-near-end-eir-loss-stats>
  cfm-accu-tx-near-end-eir-loss-stats
</cfm-accu-tx-near-end-eir-loss-stats>
<cfm-accu-tx-far-end-eir-loss-stats>
  cfm-accu-tx-far-end-eir-loss-stats
</cfm-accu-tx-far-end-eir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats>
  cfm-accu-loss-near-end-cir-loss-stats
</cfm-accu-loss-near-end-cir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats-percent>
  cfm-accu-loss-near-end-cir-loss-stats-percent
</cfm-accu-loss-near-end-cir-loss-stats-percent>
<cfm-accu-loss-far-end-cir-loss-stats>
  cfm-accu-loss-far-end-cir-loss-stats
</cfm-accu-loss-far-end-cir-loss-stats>
<cfm-accu-loss-far-end-cir-loss-stats-percent>
  cfm-accu-loss-far-end-cir-loss-stats-percent
</cfm-accu-loss-far-end-cir-loss-stats-percent>
<cfm-accu-loss-near-end-eir-loss-stats>
  cfm-accu-loss-near-end-eir-loss-stats
</cfm-accu-loss-near-end-eir-loss-stats>
<cfm-accu-loss-near-end-eir-loss-stats-percent>
  cfm-accu-loss-near-end-eir-loss-stats-percent
</cfm-accu-loss-near-end-eir-loss-stats-percent>
<cfm-accu-loss-far-end-eir-loss-stats>
  cfm-accu-loss-far-end-eir-loss-stats
</cfm-accu-loss-far-end-eir-loss-stats>
<cfm-accu-loss-far-end-eir-loss-stats-percent>
  cfm-accu-loss-far-end-eir-loss-stats-percent
</cfm-accu-loss-far-end-eir-loss-stats-percent>
<cfm-last-measured-near-end-cir-loss-stats>
  cfm-last-measured-near-end-cir-loss-stats
</cfm-last-measured-near-end-cir-loss-stats>
<cfm-last-measured-far-end-cir-loss-stats>
  cfm-last-measured-far-end-cir-loss-stats
</cfm-last-measured-far-end-cir-loss-stats>
<cfm-last-measured-near-end-eir-loss-stats>
  cfm-last-measured-near-end-eir-loss-stats
</cfm-last-measured-near-end-eir-loss-stats>
<cfm-last-measured-far-end-eir-loss-stats>
  cfm-last-measured-far-end-eir-loss-stats
```

```

        </cfm-last-measured-far-end-eir-loss-stats>
    </cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-iter-ethlm-entry>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-iter-ethlm-entry>
    <cfm-lmm-sent>
      cfm-lmm-sent
    </cfm-lmm-sent>
    <cfm-lmm-skipped-for-threshold-hit>
      cfm-lmm-skipped-for-threshold-hit
    </cfm-lmm-skipped-for-threshold-hit>
    <cfm-lmm-skipped-for-threshold-hit-window>
      cfm-lmm-skipped-for-threshold-hit-window
    </cfm-lmm-skipped-for-threshold-hit-window>
    <cfm-lmr-received>
      cfm-lmr-received
    </cfm-lmr-received>
    <cfm-lmr-out-of-seq>
      cfm-lmr-out-of-seq
    </cfm-lmr-out-of-seq>
    <cfm-accu-tx-near-end-cir-loss-stats>
      cfm-accu-tx-near-end-cir-loss-stats
    </cfm-accu-tx-near-end-cir-loss-stats>
    <cfm-accu-tx-far-end-cir-loss-stats>
      cfm-accu-tx-far-end-cir-loss-stats
    </cfm-accu-tx-far-end-cir-loss-stats>
    <cfm-accu-tx-near-end-eir-loss-stats>
      cfm-accu-tx-near-end-eir-loss-stats
    </cfm-accu-tx-near-end-eir-loss-stats>
    <cfm-accu-tx-far-end-eir-loss-stats>
      cfm-accu-tx-far-end-eir-loss-stats
    </cfm-accu-tx-far-end-eir-loss-stats>
    <cfm-accu-loss-near-end-cir-loss-stats>
      cfm-accu-loss-near-end-cir-loss-stats
    </cfm-accu-loss-near-end-cir-loss-stats>
    <cfm-accu-loss-near-end-cir-loss-stats-percent>
      cfm-accu-loss-near-end-cir-loss-stats-percent
    </cfm-accu-loss-near-end-cir-loss-stats-percent>
    <cfm-accu-loss-far-end-cir-loss-stats>
      cfm-accu-loss-far-end-cir-loss-stats
    </cfm-accu-loss-far-end-cir-loss-stats>
    <cfm-accu-loss-far-end-cir-loss-stats-percent>
      cfm-accu-loss-far-end-cir-loss-stats-percent
    </cfm-accu-loss-far-end-cir-loss-stats-percent>
    <cfm-accu-loss-near-end-eir-loss-stats>
      cfm-accu-loss-near-end-eir-loss-stats
    </cfm-accu-loss-near-end-eir-loss-stats>
  </cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-mep-database>

```

```
<cfm-accu-loss-near-end-eir-loss-stats-percent>
  cfm-accu-loss-near-end-eir-loss-stats-percent
</cfm-accu-loss-near-end-eir-loss-stats-percent>
<cfm-accu-loss-far-end-eir-loss-stats>
  cfm-accu-loss-far-end-eir-loss-stats
</cfm-accu-loss-far-end-eir-loss-stats>
<cfm-accu-loss-far-end-eir-loss-stats-percent>
  cfm-accu-loss-far-end-eir-loss-stats-percent
</cfm-accu-loss-far-end-eir-loss-stats-percent>
<cfm-last-measured-near-end-cir-loss-stats>
  cfm-last-measured-near-end-cir-loss-stats
</cfm-last-measured-near-end-cir-loss-stats>
<cfm-last-measured-far-end-cir-loss-stats>
  cfm-last-measured-far-end-cir-loss-stats
</cfm-last-measured-far-end-cir-loss-stats>
<cfm-last-measured-near-end-eir-loss-stats>
  cfm-last-measured-near-end-eir-loss-stats
</cfm-last-measured-near-end-eir-loss-stats>
<cfm-last-measured-far-end-eir-loss-stats>
  cfm-last-measured-far-end-eir-loss-stats
</cfm-last-measured-far-end-eir-loss-stats>
</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-iter-ethlm-entry>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-iter-ethlm-entry>
    <cfm-lmm-sent>
      cfm-lmm-sent
    </cfm-lmm-sent>
    <cfm-lmm-skipped-for-threshold-hit>
      cfm-lmm-skipped-for-threshold-hit
    </cfm-lmm-skipped-for-threshold-hit>
    <cfm-lmm-skipped-for-threshold-hit-window>
      cfm-lmm-skipped-for-threshold-hit-window
    </cfm-lmm-skipped-for-threshold-hit-window>
    <cfm-lmr-received>
      cfm-lmr-received
    </cfm-lmr-received>
    <cfm-lmr-out-of-seq>
      cfm-lmr-out-of-seq
    </cfm-lmr-out-of-seq>
    <cfm-accu-tx-near-end-cir-loss-stats>
      cfm-accu-tx-near-end-cir-loss-stats
    </cfm-accu-tx-near-end-cir-loss-stats>
    <cfm-accu-tx-far-end-cir-loss-stats>
      cfm-accu-tx-far-end-cir-loss-stats
    </cfm-accu-tx-far-end-cir-loss-stats>
    <cfm-accu-tx-near-end-eir-loss-stats>
```

```

    cfm-accu-tx-near-end-eir-loss-stats
  </cfm-accu-tx-near-end-eir-loss-stats>
  <cfm-accu-tx-far-end-eir-loss-stats>
    cfm-accu-tx-far-end-eir-loss-stats
  </cfm-accu-tx-far-end-eir-loss-stats>
  <cfm-accu-loss-near-end-cir-loss-stats>
    cfm-accu-loss-near-end-cir-loss-stats
  </cfm-accu-loss-near-end-cir-loss-stats>
  <cfm-accu-loss-near-end-cir-loss-stats-percent>
    cfm-accu-loss-near-end-cir-loss-stats-percent
  </cfm-accu-loss-near-end-cir-loss-stats-percent>
  <cfm-accu-loss-far-end-cir-loss-stats>
    cfm-accu-loss-far-end-cir-loss-stats
  </cfm-accu-loss-far-end-cir-loss-stats>
  <cfm-accu-loss-far-end-cir-loss-stats-percent>
    cfm-accu-loss-far-end-cir-loss-stats-percent
  </cfm-accu-loss-far-end-cir-loss-stats-percent>
  <cfm-accu-loss-near-end-eir-loss-stats>
    cfm-accu-loss-near-end-eir-loss-stats
  </cfm-accu-loss-near-end-eir-loss-stats>
  <cfm-accu-loss-near-end-eir-loss-stats-percent>
    cfm-accu-loss-near-end-eir-loss-stats-percent
  </cfm-accu-loss-near-end-eir-loss-stats-percent>
  <cfm-accu-loss-far-end-eir-loss-stats>
    cfm-accu-loss-far-end-eir-loss-stats
  </cfm-accu-loss-far-end-eir-loss-stats>
  <cfm-accu-loss-far-end-eir-loss-stats-percent>
    cfm-accu-loss-far-end-eir-loss-stats-percent
  </cfm-accu-loss-far-end-eir-loss-stats-percent>
  <cfm-last-measured-near-end-cir-loss-stats>
    cfm-last-measured-near-end-cir-loss-stats
  </cfm-last-measured-near-end-cir-loss-stats>
  <cfm-last-measured-far-end-cir-loss-stats>
    cfm-last-measured-far-end-cir-loss-stats
  </cfm-last-measured-far-end-cir-loss-stats>
  <cfm-last-measured-near-end-eir-loss-stats>
    cfm-last-measured-near-end-eir-loss-stats
  </cfm-last-measured-near-end-eir-loss-stats>
  <cfm-last-measured-far-end-eir-loss-stats>
    cfm-last-measured-far-end-eir-loss-stats
  </cfm-last-measured-far-end-eir-loss-stats>
</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-iter-ethlm-entry>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-iter-ethlm-entry>
      <cfm-lmm-sent>
        cfm-lmm-sent

```

```
</cfm-lmm-sent>
<cfm-lmm-skipped-for-threshold-hit>
  cfm-lmm-skipped-for-threshold-hit
</cfm-lmm-skipped-for-threshold-hit>
<cfm-lmm-skipped-for-threshold-hit-window>
  cfm-lmm-skipped-for-threshold-hit-window
</cfm-lmm-skipped-for-threshold-hit-window>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-out-of-seq>
  cfm-lmr-out-of-seq
</cfm-lmr-out-of-seq>
<cfm-accu-tx-near-end-cir-loss-stats>
  cfm-accu-tx-near-end-cir-loss-stats
</cfm-accu-tx-near-end-cir-loss-stats>
<cfm-accu-tx-far-end-cir-loss-stats>
  cfm-accu-tx-far-end-cir-loss-stats
</cfm-accu-tx-far-end-cir-loss-stats>
<cfm-accu-tx-near-end-eir-loss-stats>
  cfm-accu-tx-near-end-eir-loss-stats
</cfm-accu-tx-near-end-eir-loss-stats>
<cfm-accu-tx-far-end-eir-loss-stats>
  cfm-accu-tx-far-end-eir-loss-stats
</cfm-accu-tx-far-end-eir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats>
  cfm-accu-loss-near-end-cir-loss-stats
</cfm-accu-loss-near-end-cir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats-percent>
  cfm-accu-loss-near-end-cir-loss-stats-percent
</cfm-accu-loss-near-end-cir-loss-stats-percent>
<cfm-accu-loss-far-end-cir-loss-stats>
  cfm-accu-loss-far-end-cir-loss-stats
</cfm-accu-loss-far-end-cir-loss-stats>
<cfm-accu-loss-far-end-cir-loss-stats-percent>
  cfm-accu-loss-far-end-cir-loss-stats-percent
</cfm-accu-loss-far-end-cir-loss-stats-percent>
<cfm-accu-loss-near-end-eir-loss-stats>
  cfm-accu-loss-near-end-eir-loss-stats
</cfm-accu-loss-near-end-eir-loss-stats>
<cfm-accu-loss-near-end-eir-loss-stats-percent>
  cfm-accu-loss-near-end-eir-loss-stats-percent
</cfm-accu-loss-near-end-eir-loss-stats-percent>
<cfm-accu-loss-far-end-eir-loss-stats>
  cfm-accu-loss-far-end-eir-loss-stats
</cfm-accu-loss-far-end-eir-loss-stats>
<cfm-accu-loss-far-end-eir-loss-stats-percent>
  cfm-accu-loss-far-end-eir-loss-stats-percent
</cfm-accu-loss-far-end-eir-loss-stats-percent>
<cfm-last-measured-near-end-cir-loss-stats>
  cfm-last-measured-near-end-cir-loss-stats
</cfm-last-measured-near-end-cir-loss-stats>
<cfm-last-measured-far-end-cir-loss-stats>
  cfm-last-measured-far-end-cir-loss-stats
</cfm-last-measured-far-end-cir-loss-stats>
<cfm-last-measured-near-end-eir-loss-stats>
```

```

        cfm-last-measured-near-end-eir-loss-stats
      </cfm-last-measured-near-end-eir-loss-stats>
      <cfm-last-measured-far-end-eir-loss-stats>
        cfm-last-measured-far-end-eir-loss-stats
      </cfm-last-measured-far-end-eir-loss-stats>
    </cfm-iter-ethlm-entry>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-iter-ethlm-entry>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-iter-ethlm-entry>
      <cfm-lmm-sent>
        cfm-lmm-sent
      </cfm-lmm-sent>
      <cfm-lmm-skipped-for-threshold-hit>
        cfm-lmm-skipped-for-threshold-hit
      </cfm-lmm-skipped-for-threshold-hit>
      <cfm-lmm-skipped-for-threshold-hit-window>
        cfm-lmm-skipped-for-threshold-hit-window
      </cfm-lmm-skipped-for-threshold-hit-window>
      <cfm-lmr-received>
        cfm-lmr-received
      </cfm-lmr-received>
      <cfm-lmr-out-of-seq>
        cfm-lmr-out-of-seq
      </cfm-lmr-out-of-seq>
      <cfm-accu-tx-near-end-cir-loss-stats>
        cfm-accu-tx-near-end-cir-loss-stats
      </cfm-accu-tx-near-end-cir-loss-stats>
      <cfm-accu-tx-far-end-cir-loss-stats>
        cfm-accu-tx-far-end-cir-loss-stats
      </cfm-accu-tx-far-end-cir-loss-stats>
      <cfm-accu-tx-near-end-eir-loss-stats>
        cfm-accu-tx-near-end-eir-loss-stats
      </cfm-accu-tx-near-end-eir-loss-stats>
      <cfm-accu-tx-far-end-eir-loss-stats>
        cfm-accu-tx-far-end-eir-loss-stats
      </cfm-accu-tx-far-end-eir-loss-stats>
      <cfm-accu-loss-near-end-cir-loss-stats>
        cfm-accu-loss-near-end-cir-loss-stats
      </cfm-accu-loss-near-end-cir-loss-stats>
      <cfm-accu-loss-near-end-cir-loss-stats-percent>
        cfm-accu-loss-near-end-cir-loss-stats-percent
      </cfm-accu-loss-near-end-cir-loss-stats-percent>
      <cfm-accu-loss-far-end-cir-loss-stats>
        cfm-accu-loss-far-end-cir-loss-stats
      </cfm-accu-loss-far-end-cir-loss-stats>
      <cfm-accu-loss-far-end-cir-loss-stats-percent>
        cfm-accu-loss-far-end-cir-loss-stats-percent

```

```

</cfm-accu-loss-far-end-cir-loss-stats-percent>
<cfm-accu-loss-near-end-eir-loss-stats>
  cfm-accu-loss-near-end-eir-loss-stats
</cfm-accu-loss-near-end-eir-loss-stats>
<cfm-accu-loss-near-end-eir-loss-stats-percent>
  cfm-accu-loss-near-end-eir-loss-stats-percent
</cfm-accu-loss-near-end-eir-loss-stats-percent>
<cfm-accu-loss-far-end-eir-loss-stats>
  cfm-accu-loss-far-end-eir-loss-stats
</cfm-accu-loss-far-end-eir-loss-stats>
<cfm-accu-loss-far-end-eir-loss-stats-percent>
  cfm-accu-loss-far-end-eir-loss-stats-percent
</cfm-accu-loss-far-end-eir-loss-stats-percent>
<cfm-last-measured-near-end-cir-loss-stats>
  cfm-last-measured-near-end-cir-loss-stats
</cfm-last-measured-near-end-cir-loss-stats>
<cfm-last-measured-far-end-cir-loss-stats>
  cfm-last-measured-far-end-cir-loss-stats
</cfm-last-measured-far-end-cir-loss-stats>
<cfm-last-measured-near-end-eir-loss-stats>
  cfm-last-measured-near-end-eir-loss-stats
</cfm-last-measured-near-end-eir-loss-stats>
<cfm-last-measured-far-end-eir-loss-stats>
  cfm-last-measured-far-end-eir-loss-stats
</cfm-last-measured-far-end-eir-loss-stats>
</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-iter-ethlm-entry>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-iter-ethlm-entry>
      <cfm-lmm-sent>
        cfm-lmm-sent
      </cfm-lmm-sent>
      <cfm-lmm-skipped-for-threshold-hit>
        cfm-lmm-skipped-for-threshold-hit
      </cfm-lmm-skipped-for-threshold-hit>
      <cfm-lmm-skipped-for-threshold-hit-window>
        cfm-lmm-skipped-for-threshold-hit-window
      </cfm-lmm-skipped-for-threshold-hit-window>
      <cfm-lmr-received>
        cfm-lmr-received
      </cfm-lmr-received>
      <cfm-lmr-out-of-seq>
        cfm-lmr-out-of-seq
      </cfm-lmr-out-of-seq>
      <cfm-accu-tx-near-end-cir-loss-stats>
        cfm-accu-tx-near-end-cir-loss-stats
      </cfm-accu-tx-near-end-cir-loss-stats>
    </cfm-iter-ethlm-entry>
  </cfm-entry>
</cfm-iterator-statistics>

```



```

<cfm-accu-tx-far-end-cir-loss-stats>
  cfm-accu-tx-far-end-cir-loss-stats
</cfm-accu-tx-far-end-cir-loss-stats>
<cfm-accu-tx-near-end-eir-loss-stats>
  cfm-accu-tx-near-end-eir-loss-stats
</cfm-accu-tx-near-end-eir-loss-stats>
<cfm-accu-tx-far-end-eir-loss-stats>
  cfm-accu-tx-far-end-eir-loss-stats
</cfm-accu-tx-far-end-eir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats>
  cfm-accu-loss-near-end-cir-loss-stats
</cfm-accu-loss-near-end-cir-loss-stats>
<cfm-accu-loss-near-end-cir-loss-stats-percent>
  cfm-accu-loss-near-end-cir-loss-stats-percent
</cfm-accu-loss-near-end-cir-loss-stats-percent>
<cfm-accu-loss-far-end-cir-loss-stats>
  cfm-accu-loss-far-end-cir-loss-stats
</cfm-accu-loss-far-end-cir-loss-stats>
<cfm-accu-loss-far-end-cir-loss-stats-percent>
  cfm-accu-loss-far-end-cir-loss-stats-percent
</cfm-accu-loss-far-end-cir-loss-stats-percent>
<cfm-accu-loss-near-end-eir-loss-stats>
  cfm-accu-loss-near-end-eir-loss-stats
</cfm-accu-loss-near-end-eir-loss-stats>
<cfm-accu-loss-near-end-eir-loss-stats-percent>
  cfm-accu-loss-near-end-eir-loss-stats-percent
</cfm-accu-loss-near-end-eir-loss-stats-percent>
<cfm-accu-loss-far-end-eir-loss-stats>
  cfm-accu-loss-far-end-eir-loss-stats
</cfm-accu-loss-far-end-eir-loss-stats>
<cfm-accu-loss-far-end-eir-loss-stats-percent>
  cfm-accu-loss-far-end-eir-loss-stats-percent
</cfm-accu-loss-far-end-eir-loss-stats-percent>
<cfm-last-measured-near-end-cir-loss-stats>
  cfm-last-measured-near-end-cir-loss-stats
</cfm-last-measured-near-end-cir-loss-stats>
<cfm-last-measured-far-end-cir-loss-stats>
  cfm-last-measured-far-end-cir-loss-stats
</cfm-last-measured-far-end-cir-loss-stats>
<cfm-last-measured-near-end-eir-loss-stats>
  cfm-last-measured-near-end-eir-loss-stats
</cfm-last-measured-near-end-eir-loss-stats>
<cfm-last-measured-far-end-eir-loss-stats>
  cfm-last-measured-far-end-eir-loss-stats
</cfm-last-measured-far-end-eir-loss-stats>
</cfm-iter-ethlm-entry>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-iter-info>

Usage

<cfm-entry>

```
<cfm-iter-info>
  <cfm-iterator-name>
    cfm-iterator-name
  </cfm-iterator-name>
  <cfm-iterator-identifier>
    cfm-iterator-identifier
  </cfm-iterator-identifier>
  <cfm-iterator-cycle-time>
    cfm-iterator-cycle-time
  </cfm-iterator-cycle-time>
  <cfm-iteration-period>
    cfm-iteration-period
  </cfm-iteration-period>
  <cfm-iterator-status>
    cfm-iterator-status
  </cfm-iterator-status>
  <cfm-iterator-forever-status>
    cfm-iterator-forever-status
  </cfm-iterator-forever-status>
  <cfm-iteration-current-count>
    cfm-iteration-current-count
  </cfm-iteration-current-count>
  <cfm-iteration-remaining-count>
    cfm-iteration-remaining-count
  </cfm-iteration-remaining-count>
  <cfm-iterator-counter-reset-time>
    cfm-iterator-counter-reset-time
  </cfm-iterator-counter-reset-time>
  <cfm-iterator-counter-reset-reason>
    cfm-iterator-counter-reset-reason
  </cfm-iterator-counter-reset-reason>
</cfm-iter-info>
</cfm-entry>
```

Description

<cfm-iter-info>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-iter-info>
      <cfm-iterator-name>
        cfm-iterator-name
      </cfm-iterator-name>
      <cfm-iterator-identifier>
        cfm-iterator-identifier
      </cfm-iterator-identifier>
      <cfm-iterator-cycle-time>
        cfm-iterator-cycle-time
      </cfm-iterator-cycle-time>
      <cfm-iteration-period>
        cfm-iteration-period
      </cfm-iteration-period>
      <cfm-iterator-status>
```

```

    cfm-iterator-status
  </cfm-iterator-status>
  <cfm-iterator-forever-status>
    cfm-iterator-forever-status
  </cfm-iterator-forever-status>
  <cfm-iteration-current-count>
    cfm-iteration-current-count
  </cfm-iteration-current-count>
  <cfm-iteration-remaining-count>
    cfm-iteration-remaining-count
  </cfm-iteration-remaining-count>
  <cfm-iterator-counter-reset-time>
    cfm-iterator-counter-reset-time
  </cfm-iterator-counter-reset-time>
  <cfm-iterator-counter-reset-reason>
    cfm-iterator-counter-reset-reason
  </cfm-iterator-counter-reset-reason>
</cfm-iter-info>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-iter-info>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-iter-info>
      <cfm-iterator-name>
        cfm-iterator-name
      </cfm-iterator-name>
      <cfm-iterator-identifier>
        cfm-iterator-identifier
      </cfm-iterator-identifier>
      <cfm-iterator-cycle-time>
        cfm-iterator-cycle-time
      </cfm-iterator-cycle-time>
      <cfm-iteration-period>
        cfm-iteration-period
      </cfm-iteration-period>
      <cfm-iterator-status>
        cfm-iterator-status
      </cfm-iterator-status>
      <cfm-iterator-forever-status>
        cfm-iterator-forever-status
      </cfm-iterator-forever-status>
      <cfm-iteration-current-count>
        cfm-iteration-current-count
      </cfm-iteration-current-count>
      <cfm-iteration-remaining-count>
        cfm-iteration-remaining-count
      </cfm-iteration-remaining-count>
      <cfm-iterator-counter-reset-time>
        cfm-iterator-counter-reset-time

```

```
</cfm-iterator-counter-reset-time>
<cfm-iterator-counter-reset-reason>
  cfm-iterator-counter-reset-reason
</cfm-iterator-counter-reset-reason>
</cfm-iter-info>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-iter-info>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-iter-info>
    <cfm-iterator-name>
      cfm-iterator-name
    </cfm-iterator-name>
    <cfm-iterator-identifier>
      cfm-iterator-identifier
    </cfm-iterator-identifier>
    <cfm-iterator-cycle-time>
      cfm-iterator-cycle-time
    </cfm-iterator-cycle-time>
    <cfm-iteration-period>
      cfm-iteration-period
    </cfm-iteration-period>
    <cfm-iterator-status>
      cfm-iterator-status
    </cfm-iterator-status>
    <cfm-iterator-forever-status>
      cfm-iterator-forever-status
    </cfm-iterator-forever-status>
    <cfm-iteration-current-count>
      cfm-iteration-current-count
    </cfm-iteration-current-count>
    <cfm-iteration-remaining-count>
      cfm-iteration-remaining-count
    </cfm-iteration-remaining-count>
    <cfm-iterator-counter-reset-time>
      cfm-iterator-counter-reset-time
    </cfm-iterator-counter-reset-time>
    <cfm-iterator-counter-reset-reason>
      cfm-iterator-counter-reset-reason
    </cfm-iterator-counter-reset-reason>
  </cfm-iter-info>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-iter-info>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-iter-info>
    <cfm-iterator-name>
      cfm-iterator-name
    </cfm-iterator-name>
    <cfm-iterator-identifier>
      cfm-iterator-identifier
    </cfm-iterator-identifier>
    <cfm-iterator-cycle-time>
      cfm-iterator-cycle-time
    </cfm-iterator-cycle-time>
    <cfm-iteration-period>
      cfm-iteration-period
    </cfm-iteration-period>
    <cfm-iterator-status>
      cfm-iterator-status
    </cfm-iterator-status>
    <cfm-iterator-forever-status>
      cfm-iterator-forever-status
    </cfm-iterator-forever-status>
    <cfm-iteration-current-count>
      cfm-iteration-current-count
    </cfm-iteration-current-count>
    <cfm-iteration-remaining-count>
      cfm-iteration-remaining-count
    </cfm-iteration-remaining-count>
    <cfm-iterator-counter-reset-time>
      cfm-iterator-counter-reset-time
    </cfm-iterator-counter-reset-time>
    <cfm-iterator-counter-reset-reason>
      cfm-iterator-counter-reset-reason
    </cfm-iterator-counter-reset-reason>
  </cfm-iter-info>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-iter-info>

Usage

```

<cfm-loss-statistics>
<cfm-entry>
  <cfm-iter-info>
    <cfm-iterator-name>
      cfm-iterator-name
    </cfm-iterator-name>
    <cfm-iterator-identifier>
      cfm-iterator-identifier
    </cfm-iterator-identifier>
    <cfm-iterator-cycle-time>

```

```
    cfm-iterator-cycle-time
  </cfm-iterator-cycle-time>
  <cfm-iteration-period>
    cfm-iteration-period
  </cfm-iteration-period>
  <cfm-iterator-status>
    cfm-iterator-status
  </cfm-iterator-status>
  <cfm-iterator-forever-status>
    cfm-iterator-forever-status
  </cfm-iterator-forever-status>
  <cfm-iteration-current-count>
    cfm-iteration-current-count
  </cfm-iteration-current-count>
  <cfm-iteration-remaining-count>
    cfm-iteration-remaining-count
  </cfm-iteration-remaining-count>
  <cfm-iterator-counter-reset-time>
    cfm-iterator-counter-reset-time
  </cfm-iterator-counter-reset-time>
  <cfm-iterator-counter-reset-reason>
    cfm-iterator-counter-reset-reason
  </cfm-iterator-counter-reset-reason>
</cfm-iter-info>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-iter-info>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-iter-info>
      <cfm-iterator-name>
        cfm-iterator-name
      </cfm-iterator-name>
      <cfm-iterator-identifier>
        cfm-iterator-identifier
      </cfm-iterator-identifier>
      <cfm-iterator-cycle-time>
        cfm-iterator-cycle-time
      </cfm-iterator-cycle-time>
      <cfm-iteration-period>
        cfm-iteration-period
      </cfm-iteration-period>
      <cfm-iterator-status>
        cfm-iterator-status
      </cfm-iterator-status>
      <cfm-iterator-forever-status>
        cfm-iterator-forever-status
      </cfm-iterator-forever-status>
      <cfm-iteration-current-count>
        cfm-iteration-current-count
```

```

</cfm-iteration-current-count>
<cfm-iteration-remaining-count>
  cfm-iteration-remaining-count
</cfm-iteration-remaining-count>
<cfm-iterator-counter-reset-time>
  cfm-iterator-counter-reset-time
</cfm-iterator-counter-reset-time>
<cfm-iterator-counter-reset-reason>
  cfm-iterator-counter-reset-reason
</cfm-iterator-counter-reset-reason>
</cfm-iter-info>
</cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-iter-mep-summary>

Usage

```

<cfm-entry>
  <cfm-iter-mep-summary>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-iterator-error-status>
      cfm-iterator-error-status
    </cfm-iterator-error-status>
  </cfm-iter-mep-summary>
</cfm-entry>

```

Description

<cfm-iter-mep-summary>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-iter-mep-summary>
      <cfm-level>

```

```
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-remote-mep-identifier>
    cfm-remote-mep-identifier
  </cfm-remote-mep-identifier>
  <cfm-remote-mep-mac-address>
    cfm-remote-mep-mac-address
  </cfm-remote-mep-mac-address>
  <cfm-iterator-error-status>
    cfm-iterator-error-status
  </cfm-iterator-error-status>
</cfm-iter-mep-summary>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-iter-mep-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-iter-mep-summary>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
      <cfm-iterator-error-status>
        cfm-iterator-error-status
      </cfm-iterator-error-status>
    </cfm-iter-mep-summary>
  </cfm-entry>
```



```
</cfm-mep-database>
```

Description

<cfm-iter-mep-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-iter-mep-summary>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
      <cfm-iterator-error-status>
        cfm-iterator-error-status
      </cfm-iterator-error-status>
    </cfm-iter-mep-summary>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-iter-mep-summary>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-iter-mep-summary>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
```

```
</cfm-local-mep-identifier>
<cfm-remote-mep-identifier>
  cfm-remote-mep-identifier
</cfm-remote-mep-identifier>
<cfm-remote-mep-mac-address>
  cfm-remote-mep-mac-address
</cfm-remote-mep-mac-address>
<cfm-iterator-error-status>
  cfm-iterator-error-status
</cfm-iterator-error-status>
</cfm-iter-mep-summary>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-iter-mep-summary>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-iter-mep-summary>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-iterator-error-status>
      cfm-iterator-error-status
    </cfm-iterator-error-status>
  </cfm-iter-mep-summary>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-iter-mep-summary>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
```

```

<cfm-iter-mep-summary>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-remote-mep-identifier>
    cfm-remote-mep-identifier
  </cfm-remote-mep-identifier>
  <cfm-remote-mep-mac-address>
    cfm-remote-mep-mac-address
  </cfm-remote-mep-mac-address>
  <cfm-iterator-error-status>
    cfm-iterator-error-status
  </cfm-iterator-error-status>
</cfm-iter-mep-summary>
</cfm-entry>
</cfm-iterator-statistics>

```

Description**<cfm-iterator-statistics>****Usage**

```

<cfm-iterator-statistics>
  <cfm-entry>....</cfm-entry>
</cfm-iterator-statistics>

```

Description Information about iterator statistics on a CFM session

<cfm-linktrace-path-database>**Usage**

```

<cfm-linktrace-path-database>
  <cfm-ltm-request-snapshot>....</cfm-ltm-request-snapshot>
  <cfm-ltr-reply-entry>....</cfm-ltr-reply-entry>
</cfm-linktrace-path-database>

```

Description**<cfm-local-mep>****Usage**

```

<cfm-entry>
  <cfm-local-mep>
    <cfm-local-mep-identifier>

```

```
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-local-mep-mac-address>
    cfm-local-mep-mac-address
  </cfm-local-mep-mac-address>
  <cfm-local-mep-auto-discovery>
    cfm-local-mep-auto-discovery
  </cfm-local-mep-auto-discovery>
  <cfm-local-mep-priority>
    cfm-local-mep-priority
  </cfm-local-mep-priority>
  <cfm-local-mep-port-status-tlv>
    cfm-local-mep-port-status-tlv
  </cfm-local-mep-port-status-tlv>
  <cfm-local-mep-interface-status-tlv>
    cfm-local-mep-interface-status-tlv
  </cfm-local-mep-interface-status-tlv>
  <cfm-local-mep-status>
    cfm-local-mep-status
  </cfm-local-mep-status>
</cfm-local-mep>
</cfm-entry>
```

Description

<cfm-local-mep>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>
        cfm-local-mep-direction
      </cfm-local-mep-direction>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-local-mep-auto-discovery>
        cfm-local-mep-auto-discovery
      </cfm-local-mep-auto-discovery>
      <cfm-local-mep-priority>
        cfm-local-mep-priority
      </cfm-local-mep-priority>
      <cfm-local-mep-port-status-tlv>
        cfm-local-mep-port-status-tlv
      </cfm-local-mep-port-status-tlv>
      <cfm-local-mep-interface-status-tlv>
        cfm-local-mep-interface-status-tlv
      </cfm-local-mep-interface-status-tlv>
```

```

    <cfm-local-mep-status>
      cfm-local-mep-status
    </cfm-local-mep-status>
  </cfm-local-mep>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>
        cfm-local-mep-direction
      </cfm-local-mep-direction>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-local-mep-auto-discovery>
        cfm-local-mep-auto-discovery
      </cfm-local-mep-auto-discovery>
      <cfm-local-mep-priority>
        cfm-local-mep-priority
      </cfm-local-mep-priority>
      <cfm-local-mep-port-status-tlv>
        cfm-local-mep-port-status-tlv
      </cfm-local-mep-port-status-tlv>
      <cfm-local-mep-interface-status-tlv>
        cfm-local-mep-interface-status-tlv
      </cfm-local-mep-interface-status-tlv>
      <cfm-local-mep-status>
        cfm-local-mep-status
      </cfm-local-mep-status>
    </cfm-local-mep>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-local-mep>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
    </cfm-local-mep>
  </cfm-entry>
</cfm-mep-statistics>

```

```
<cfm-local-mep-direction>
  cfm-local-mep-direction
</cfm-local-mep-direction>
<cfm-local-mep-mac-address>
  cfm-local-mep-mac-address
</cfm-local-mep-mac-address>
<cfm-local-mep-auto-discovery>
  cfm-local-mep-auto-discovery
</cfm-local-mep-auto-discovery>
<cfm-local-mep-priority>
  cfm-local-mep-priority
</cfm-local-mep-priority>
<cfm-local-mep-port-status-tlv>
  cfm-local-mep-port-status-tlv
</cfm-local-mep-port-status-tlv>
<cfm-local-mep-interface-status-tlv>
  cfm-local-mep-interface-status-tlv
</cfm-local-mep-interface-status-tlv>
<cfm-local-mep-status>
  cfm-local-mep-status
</cfm-local-mep-status>
</cfm-local-mep>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-local-mep-auto-discovery>
      cfm-local-mep-auto-discovery
    </cfm-local-mep-auto-discovery>
    <cfm-local-mep-priority>
      cfm-local-mep-priority
    </cfm-local-mep-priority>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-status>
```

```

        cfm-local-mep-status
      </cfm-local-mep-status>
    </cfm-local-mep>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-local-mep>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>
        cfm-local-mep-direction
      </cfm-local-mep-direction>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-local-mep-auto-discovery>
        cfm-local-mep-auto-discovery
      </cfm-local-mep-auto-discovery>
      <cfm-local-mep-priority>
        cfm-local-mep-priority
      </cfm-local-mep-priority>
      <cfm-local-mep-port-status-tlv>
        cfm-local-mep-port-status-tlv
      </cfm-local-mep-port-status-tlv>
      <cfm-local-mep-interface-status-tlv>
        cfm-local-mep-interface-status-tlv
      </cfm-local-mep-interface-status-tlv>
      <cfm-local-mep-status>
        cfm-local-mep-status
      </cfm-local-mep-status>
    </cfm-local-mep>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-local-mep>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>

```

```
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-local-mep-mac-address>
    cfm-local-mep-mac-address
  </cfm-local-mep-mac-address>
  <cfm-local-mep-auto-discovery>
    cfm-local-mep-auto-discovery
  </cfm-local-mep-auto-discovery>
  <cfm-local-mep-priority>
    cfm-local-mep-priority
  </cfm-local-mep-priority>
  <cfm-local-mep-port-status-tlv>
    cfm-local-mep-port-status-tlv
  </cfm-local-mep-port-status-tlv>
  <cfm-local-mep-interface-status-tlv>
    cfm-local-mep-interface-status-tlv
  </cfm-local-mep-interface-status-tlv>
  <cfm-local-mep-status>
    cfm-local-mep-status
  </cfm-local-mep-status>
</cfm-local-mep>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-local-mep-connection-protection-tlv>

Usage

```
<cfm-local-mep-connection-protection-tlv>
  <cfm-connection-protection-tlv-prefer-me>
    cfm-connection-protection-tlv-prefer-me
  </cfm-connection-protection-tlv-prefer-me>
  <cfm-connection-protection-tlv-protection-in-use>
    cfm-connection-protection-tlv-protection-in-use
  </cfm-connection-protection-tlv-protection-in-use>
  <cfm-connection-protection-tlv-frr-flag>
    cfm-connection-protection-tlv-frr-flag
  </cfm-connection-protection-tlv-frr-flag>
</cfm-local-mep-connection-protection-tlv>
```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-connection-protection-tlv>
          <cfm-connection-protection-tlv-prefer-me>
            cfm-connection-protection-tlv-prefer-me
          </cfm-connection-protection-tlv-prefer-me>
```



```

    <cfm-connection-protection-tlv-protection-in-use>
      cfm-connection-protection-tlv-protection-in-use
    </cfm-connection-protection-tlv-protection-in-use>
    <cfm-connection-protection-tlv-frr-flag>
      cfm-connection-protection-tlv-frr-flag
    </cfm-connection-protection-tlv-frr-flag>
  </cfm-local-mep-connection-protection-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
            <cfm-connection-protection-tlv-frr-flag>
              cfm-connection-protection-tlv-frr-flag
            </cfm-connection-protection-tlv-frr-flag>
          </cfm-local-mep-connection-protection-tlv>
        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>

```

```
<cfm-connection-protection-tlv-protection-in-use>
  cfm-connection-protection-tlv-protection-in-use
</cfm-connection-protection-tlv-protection-in-use>
<cfm-connection-protection-tlv-frr-flag>
  cfm-connection-protection-tlv-frr-flag
</cfm-connection-protection-tlv-frr-flag>
</cfm-local-mep-connection-protection-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
<cfm-interface-local-mep-tlv-info>
  <cfm-local-mep-connection-protection-tlv>
    <cfm-connection-protection-tlv-prefer-me>
      cfm-connection-protection-tlv-prefer-me
    </cfm-connection-protection-tlv-prefer-me>
    <cfm-connection-protection-tlv-protection-in-use>
      cfm-connection-protection-tlv-protection-in-use
    </cfm-connection-protection-tlv-protection-in-use>
    <cfm-connection-protection-tlv-frr-flag>
      cfm-connection-protection-tlv-frr-flag
    </cfm-connection-protection-tlv-frr-flag>
  </cfm-local-mep-connection-protection-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
<cfm-interface-local-mep-tlv-info>
  <cfm-local-mep-connection-protection-tlv>
    <cfm-connection-protection-tlv-prefer-me>
      cfm-connection-protection-tlv-prefer-me
```

```

    </cfm-connection-protection-tlv-prefer-me>
    <cfm-connection-protection-tlv-protection-in-use>
      cfm-connection-protection-tlv-protection-in-use
    </cfm-connection-protection-tlv-protection-in-use>
    <cfm-connection-protection-tlv-frr-flag>
      cfm-connection-protection-tlv-frr-flag
    </cfm-connection-protection-tlv-frr-flag>
  </cfm-local-mep-connection-protection-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```

<cfm-loss-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-connection-protection-tlv>
          <cfm-connection-protection-tlv-prefer-me>
            cfm-connection-protection-tlv-prefer-me
          </cfm-connection-protection-tlv-prefer-me>
          <cfm-connection-protection-tlv-protection-in-use>
            cfm-connection-protection-tlv-protection-in-use
          </cfm-connection-protection-tlv-protection-in-use>
          <cfm-connection-protection-tlv-frr-flag>
            cfm-connection-protection-tlv-frr-flag
          </cfm-connection-protection-tlv-frr-flag>
        </cfm-local-mep-connection-protection-tlv>
      </cfm-interface-local-mep-tlv-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-connection-protection-tlv>

Usage

```

<cfm-iterator-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-connection-protection-tlv>
          <cfm-connection-protection-tlv-prefer-me>

```

```
    cfm-connection-protection-tlv-prefer-me
  </cfm-connection-protection-tlv-prefer-me>
  <cfm-connection-protection-tlv-protection-in-use>
    cfm-connection-protection-tlv-protection-in-use
  </cfm-connection-protection-tlv-protection-in-use>
  <cfm-connection-protection-tlv-frr-flag>
    cfm-connection-protection-tlv-frr-flag
  </cfm-connection-protection-tlv-frr-flag>
</cfm-local-mep-connection-protection-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

Description Connection Protection TLV information in the last transmitted CCM from local MEP

<cfm-local-mep-defects>

Usage

```
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-local-mep-defects>
      <cfm-defect-remote-mep-no-ccm>
        cfm-defect-remote-mep-no-ccm
      </cfm-defect-remote-mep-no-ccm>
      <cfm-defect-error-ccm>
        cfm-defect-error-ccm
      </cfm-defect-error-ccm>
```

```

<cfm-defect-cross-connect-ccm>
  cfm-defect-cross-connect-ccm
</cfm-defect-cross-connect-ccm>
<cfm-defect-rdi-in-some-mep>
  cfm-defect-rdi-in-some-mep
</cfm-defect-rdi-in-some-mep>
<cfm-defect-mac-status>
  cfm-defect-mac-status
</cfm-defect-mac-status>
</cfm-local-mep-defects>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep-defects>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-local-mep-defects>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
  </cfm-local-mep-defects>
</cfm-entry>

```

```
<cfm-defect-cross-connect-ccm>
  cfm-defect-cross-connect-ccm
</cfm-defect-cross-connect-ccm>
<cfm-defect-rdi-in-some-mep>
  cfm-defect-rdi-in-some-mep
</cfm-defect-rdi-in-some-mep>
<cfm-defect-mac-status>
  cfm-defect-mac-status
</cfm-defect-mac-status>
</cfm-local-mep-defects>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
```

```

    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-local-mep-defects>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-local-mep-defects>
      <cfm-defect-remote-mep-no-ccm>
        cfm-defect-remote-mep-no-ccm
      </cfm-defect-remote-mep-no-ccm>
      <cfm-defect-error-ccm>
        cfm-defect-error-ccm
      </cfm-defect-error-ccm>
      <cfm-defect-cross-connect-ccm>
        cfm-defect-cross-connect-ccm
      </cfm-defect-cross-connect-ccm>
      <cfm-defect-rdi-in-some-mep>
        cfm-defect-rdi-in-some-mep
      </cfm-defect-rdi-in-some-mep>
      <cfm-defect-mac-status>
        cfm-defect-mac-status
      </cfm-defect-mac-status>
    </cfm-local-mep-defects>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>

```

```
    cfm-lbm-sent
  </cfm-lbm-sent>
  <cfm-lbr-sent>
    cfm-lbr-sent
  </cfm-lbr-sent>
  <cfm-lbr-received>
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
```



```

<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-interface>
<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent

```

```
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
```

```

        cfm-lmr-received
      </cfm-lmr-received>
    <cfm-lmr-received-invalid>
      cfm-lmr-received-invalid
    </cfm-lmr-received-invalid>
  </cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-local-mep-packet-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
      </cfm-total-ltr-sent>
      <cfm-total-ltr-received>
        cfm-total-ltr-received
      </cfm-total-ltr-received>
      <cfm-next-ltm-sequence-number>
        cfm-next-ltm-sequence-number
      </cfm-next-ltm-sequence-number>
      <cfm-onedm-sent>
        cfm-onedm-sent

```

```
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-local-mep-packet-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
      </cfm-total-ltr-sent>
      <cfm-total-ltr-received>
        cfm-total-ltr-received
      </cfm-total-ltr-received>
      <cfm-next-ltm-sequence-number>
        cfm-next-ltm-sequence-number
      </cfm-next-ltm-sequence-number>
      <cfm-onedm-sent>
        cfm-onedm-sent
      </cfm-onedm-sent>
      <cfm-onedm-received>
        cfm-onedm-received
      </cfm-onedm-received>
      <cfm-onedm-received-invalid>
        cfm-onedm-received-invalid
      </cfm-onedm-received-invalid>
      <cfm-onedm-received-outofsync>
        cfm-onedm-received-outofsync
      </cfm-onedm-received-outofsync>
      <cfm-dmm-sent>

```

```
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
```

```
</cfm-lbm-sent>
<cfm-lbr-sent>
  cfm-lbr-sent
</cfm-lbr-sent>
<cfm-lbr-received>
  cfm-lbr-received
</cfm-lbr-received>
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
```

```
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
```



```
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
```

```
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-local-mep-packet-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
      </cfm-total-ltr-sent>
      <cfm-total-ltr-received>
        cfm-total-ltr-received
      </cfm-total-ltr-received>
      <cfm-next-ltm-sequence-number>
        cfm-next-ltm-sequence-number
      </cfm-next-ltm-sequence-number>
      <cfm-onedm-sent>
        cfm-onedm-sent
```

```
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-entry>
  <cfm-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
    <cfm-total-ltm-received>
      cfm-total-ltm-received
    </cfm-total-ltm-received>
    <cfm-total-ltr-sent>
      cfm-total-ltr-sent
    </cfm-total-ltr-sent>
    <cfm-total-ltr-received>
      cfm-total-ltr-received
    </cfm-total-ltr-received>
    <cfm-next-ltm-sequence-number>
      cfm-next-ltm-sequence-number
    </cfm-next-ltm-sequence-number>
    <cfm-onedm-sent>
      cfm-onedm-sent
    </cfm-onedm-sent>
    <cfm-onedm-received>
      cfm-onedm-received
    </cfm-onedm-received>
    <cfm-onedm-received-invalid>
      cfm-onedm-received-invalid
    </cfm-onedm-received-invalid>
    <cfm-onedm-received-outofsync>
      cfm-onedm-received-outofsync
    </cfm-onedm-received-outofsync>
    <cfm-dmm-sent>
      cfm-dmm-sent
```

```

</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>

```

Description

<cfm-local-mep-statistics>

Usage

```

<cfm-interface>
<cfm-entry>
  <cfm-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>

```

```
    cfm-lbr-sent
  </cfm-lbr-sent>
  <cfm-lbr-received>
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
```

```

<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep-statistics>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
    <cfm-total-ltm-received>

```

```
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
```



```

    <cfm-lmr-received-invalid>
      cfm-lmr-received-invalid
    </cfm-lmr-received-invalid>
  </cfm-local-mep-statistics>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-local-mep-statistics>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-local-mep-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
      </cfm-total-ltr-sent>
      <cfm-total-ltr-received>
        cfm-total-ltr-received
      </cfm-total-ltr-received>
      <cfm-next-ltm-sequence-number>
        cfm-next-ltm-sequence-number
      </cfm-next-ltm-sequence-number>
      <cfm-onedm-sent>
        cfm-onedm-sent
      </cfm-onedm-sent>
      <cfm-onedm-received>

```

```
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
```

```
<cfm-local-mep-statistics>
  <cfm-total-ccm-sent>
    cfm-total-ccm-sent
  </cfm-total-ccm-sent>
  <cfm-out-of-sequence-ccm-received>
    cfm-out-of-sequence-ccm-received
  </cfm-out-of-sequence-ccm-received>
  <cfm-lbm-sent>
    cfm-lbm-sent
  </cfm-lbm-sent>
  <cfm-lbr-sent>
    cfm-lbr-sent
  </cfm-lbr-sent>
  <cfm-lbr-received>
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
```

```
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  <cfm-lmm-sent>
    cfm-lmm-sent
  </cfm-lmm-sent>
  <cfm-lmm-received>
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-local-mep-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
```

```
</cfm-lbr-received>
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
```

```
    cfm-lmm-received
  </cfm-lmm-received>
  <cfm-lmm-received-invalid>
    cfm-lmm-received-invalid
  </cfm-lmm-received-invalid>
  <cfm-lmr-sent>
    cfm-lmr-sent
  </cfm-lmr-sent>
  <cfm-lmr-received>
    cfm-lmr-received
  </cfm-lmr-received>
  <cfm-lmr-received-invalid>
    cfm-lmr-received-invalid
  </cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-local-mep-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
```

```
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
<cfm-lmm-sent>
  cfm-lmm-sent
</cfm-lmm-sent>
<cfm-lmm-received>
  cfm-lmm-received
</cfm-lmm-received>
<cfm-lmm-received-invalid>
  cfm-lmm-received-invalid
</cfm-lmm-received-invalid>
<cfm-lmr-sent>
  cfm-lmr-sent
</cfm-lmr-sent>
<cfm-lmr-received>
  cfm-lmr-received
</cfm-lmr-received>
<cfm-lmr-received-invalid>
  cfm-lmr-received-invalid
</cfm-lmr-received-invalid>
</cfm-local-mep-statistics>
```

```
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-loss-statistics>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>....</cfm-entry>
</cfm-loss-statistics>
```

Description Information about ethernet loss statistics for one or more CFM sessions

<cfm-ltm-request-snapshot>

Usage

```
<cfm-ltm-request-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-ltm-target-mac-address>
    cfm-ltm-target-mac-address
  </cfm-ltm-target-mac-address>
</cfm-ltm-request-snapshot>
```

Description

<cfm-ltm-request-snapshot>

Usage

```
<cfm-linktrace-path-database>
  <cfm-ltm-request-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
```



```

</cfm-maintenance-domain-name>
<cfm-maintenance-association-name>
  cfm-maintenance-association-name
</cfm-maintenance-association-name>
<cfm-local-mep-identifier>
  cfm-local-mep-identifier
</cfm-local-mep-identifier>
<cfm-ltm-target-mac-address>
  cfm-ltm-target-mac-address
</cfm-ltm-target-mac-address>
</cfm-ltm-request-snapshot>
</cfm-linktrace-path-database>

```

Description

<cfm-ltr-reply-entry>

Usage

```

<cfm-ltr-reply-entry>
  <cfm-ltm-transaction-identifier>
    cfm-ltm-transaction-identifier
  </cfm-ltm-transaction-identifier>
  <cfm-ltr-request-hop-identifier>
    cfm-ltr-request-hop-identifier
  </cfm-ltr-request-hop-identifier>
  <cfm-ltr-reply-ttl>
    cfm-ltr-reply-ttl
  </cfm-ltr-reply-ttl>
  <cfm-ltr-mep-mip-mac-address>
    cfm-ltr-mep-mip-mac-address
  </cfm-ltr-mep-mip-mac-address>
  <cfm-ltr-next-hop-mac-address>
    cfm-ltr-next-hop-mac-address
  </cfm-ltr-next-hop-mac-address>
</cfm-ltr-reply-entry>

```

Description

<cfm-ltr-reply-entry>

Usage

```

<cfm-linktrace-path-database>
  <cfm-ltr-reply-entry>
    <cfm-ltm-transaction-identifier>
      cfm-ltm-transaction-identifier
    </cfm-ltm-transaction-identifier>
    <cfm-ltr-request-hop-identifier>
      cfm-ltr-request-hop-identifier
    </cfm-ltr-request-hop-identifier>
    <cfm-ltr-reply-ttl>
      cfm-ltr-reply-ttl
    </cfm-ltr-reply-ttl>
    <cfm-ltr-mep-mip-mac-address>
      cfm-ltr-mep-mip-mac-address

```

```
</cfm-ltr-mep-mip-mac-address>
<cfm-ltr-next-hop-mac-address>
  cfm-ltr-next-hop-mac-address
</cfm-ltr-next-hop-mac-address>
</cfm-ltr-reply-entry>
</cfm-linktrace-path-database>
```

Description

<cfm-mep-database>

Usage

```
<cfm-mep-database>
  <cfm-entry>....</cfm-entry>
</cfm-mep-database>
```

Description Information about MEP database for one or more CFM sessions

<cfm-mep-database-continuity-check>

Usage

```
<cfm-entry>
  <cfm-mep-database-continuity-check>
    <cfm-continuity-check-status>
      cfm-continuity-check-status
    </cfm-continuity-check-status>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-continuity-check-loss-threshold>
      cfm-continuity-check-loss-threshold
    </cfm-continuity-check-loss-threshold>
  </cfm-mep-database-continuity-check>
</cfm-entry>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
```

```
</cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
```

```
    cfm-continuity-check-status
  </cfm-continuity-check-status>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
  <cfm-continuity-check-loss-threshold>
    cfm-continuity-check-loss-threshold
  </cfm-continuity-check-loss-threshold>
</cfm-mep-database-continuity-check>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-loss-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-iterator-statistics>
```

Description**<cfm-mep-database-interface>****Usage**

```
<cfm-entry>
  <cfm-mep-database-interface>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
  </cfm-mep-database-interface>
</cfm-entry>
```

Description**<cfm-mep-database-interface>****Usage**

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-interface>
```

Description**<cfm-mep-database-interface>****Usage**

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
```

```
    cfm-interface-link-status
  </cfm-interface-link-status>
</cfm-mep-database-interface>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-loss-statistics>
```

```

<cfm-entry>
  <cfm-mep-database-interface>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
  </cfm-mep-database-interface>
</cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-mep-database-interface>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-mep-database-session>

Usage

```

<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name

```

```
</cfm-maintenance-association-name>
<cfm-maintenance-association-name-format>
  cfm-maintenance-association-name-format
</cfm-maintenance-association-name-format>
</cfm-mep-database-session>
</cfm-entry>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-mep-database-session>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
```



```

        <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-mep-database-session>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
      cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
      cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-mep-database-session>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
      cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
      cfm-maintenance-association-name
      </cfm-maintenance-association-name>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-delay-statistics>

```

```
<cfm-maintenance-association-name-format>
  cfm-maintenance-association-name-format
</cfm-maintenance-association-name-format>
</cfm-mep-database-session>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-mep-database-session>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
```

```

        <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description**<cfm-mep-statistics>****Usage**

```

<cfm-mep-statistics>
  <cfm-entry>....</cfm-entry>
</cfm-mep-statistics>

```

Description Information about MEP statistics for one or more CFM sessions

<cfm-mep-statistics-mep-summary>**Usage**

```

<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>

```

Description**<cfm-mep-statistics-mep-summary>****Usage**

```

<cfm-interface>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-interface>

```

```
</cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
```

```

        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-mep-statistics-mep-summary>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-loss-statistics>

```

Description

<cfm-mep-statistics-mep-summary>

Usage

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-mip-information>

Usage

```
<cfm-mip-information>
  <cfm-instance-mip-information>....</cfm-instance-mip-information>
</cfm-mip-information>
```

Description

<cfm-nexthop-information>

Usage

```
<cfm-nexthop-information>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-last-operation>
    cfm-nexthop-last-operation
  </cfm-nexthop-last-operation>
  <cfm-nexthop-last-error>
    cfm-nexthop-last-error
  </cfm-nexthop-last-error>
  <cfm-nexthop-statistics>
    cfm-nexthop-statistics
  </cfm-nexthop-statistics>
  <cfm-nexthop-reference-count>
    cfm-nexthop-reference-count
  </cfm-nexthop-reference-count>
  <cfm-nexthop-owner>
    cfm-nexthop-owner
  </cfm-nexthop-owner>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-nexthop-information>
```

Description

<cfm-policer>

Usage

```
<cfm-policer>
  <cfm-legend>
    cfm-legend
  </cfm-legend>
  <cfm-policer-sessions>....</cfm-policer-sessions>
</cfm-policer>
```

Description

<cfm-policer-maintenance-association-entries>

Usage

```

<cfm-policer>
  <cfm-policer-sessions>
    <cfm-policer-session>
      <cfm-policer-maintenance-association-entries>

        <cfm-policer-maintenance-association-entry>....</cfm-policer-maintenance-association-entry>

      </cfm-policer-maintenance-association-entries>
    </cfm-policer-session>
  </cfm-policer-sessions>
</cfm-policer>

```

Description

<cfm-policer-maintenance-association-entry>

Usage

```

<cfm-policer>
  <cfm-policer-sessions>
    <cfm-policer-session>
      <cfm-policer-maintenance-association-entries>
        <cfm-policer-maintenance-association-entry>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-policer-name>
            cfm-policer-name
          </cfm-policer-name>
          <cfm-policer-type>
            cfm-policer-type
          </cfm-policer-type>
          <cfm-policer-scope>
            cfm-policer-scope
          </cfm-policer-scope>
          <cfm-policer-drop-count>
            cfm-policer-drop-count
          </cfm-policer-drop-count>
        </cfm-policer-maintenance-association-entry>
      </cfm-policer-maintenance-association-entries>
    </cfm-policer-session>
  </cfm-policer-sessions>
</cfm-policer>

```

Description

<cfm-policer-maintenance-domain-entry>

Usage

```

<cfm-policer>
  <cfm-policer-sessions>

```

```
<cfm-policer-session>
  <cfm-policer-maintenance-domain-entry>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-level>
      cfm-level
    </cfm-level>
  </cfm-policer-maintenance-domain-entry>
</cfm-policer-session>
</cfm-policer-sessions>
</cfm-policer>
```

Description

<cfm-policer-session>

Usage

```
<cfm-policer>
  <cfm-policer-sessions>
    <cfm-policer-session>

<cfm-policer-maintenance-domain-entry>....</cfm-policer-maintenance-domain-entry>

<cfm-policer-maintenance-association-entries>....</cfm-policer-maintenance-association-entries>

    </cfm-policer-session>
  </cfm-policer-sessions>
</cfm-policer>
```

Description

<cfm-policer-sessions>

Usage

```
<cfm-policer>
  <cfm-policer-sessions>
    <cfm-policer-session>....</cfm-policer-session>
  </cfm-policer-sessions>
</cfm-policer>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
```



```

</cfm-remote-mep-identifier>
<cfm-remote-mep-state>
  cfm-remote-mep-state
</cfm-remote-mep-state>
<cfm-remote-mep-mac-address>
  cfm-remote-mep-mac-address
</cfm-remote-mep-mac-address>
<cfm-remote-mep-interface>
  cfm-remote-mep-interface
</cfm-remote-mep-interface>
<cfm-remote-mep-type>
  cfm-remote-mep-type
</cfm-remote-mep-type>
<cfm-remote-mep-rdi>
  cfm-remote-mep-rdi
</cfm-remote-mep-rdi>
<cfm-remote-mep-last-flapped>
  cfm-remote-mep-last-flapped
</cfm-remote-mep-last-flapped>
<cfm-remote-mep-last-dm-stats-cleared>
  cfm-remote-mep-last-dm-stats-cleared
</cfm-remote-mep-last-dm-stats-cleared>
<cfm-remote-mep-last-lm-stats-cleared>
  cfm-remote-mep-last-lm-stats-cleared
</cfm-remote-mep-last-lm-stats-cleared>
<cfm-remote-mep-continuity>
  cfm-remote-mep-continuity
</cfm-remote-mep-continuity>
<cfm-remote-mep-admin-enable-time>
  cfm-remote-mep-admin-enable-time
</cfm-remote-mep-admin-enable-time>
<cfm-remote-mep-oper-down-time>
  cfm-remote-mep-oper-down-time
</cfm-remote-mep-oper-down-time>
<cfm-remote-mep-port-status-tlv>
  cfm-remote-mep-port-status-tlv
</cfm-remote-mep-port-status-tlv>
<cfm-remote-mep-interface-status-tlv>
  cfm-remote-mep-interface-status-tlv
</cfm-remote-mep-interface-status-tlv>

```

```
<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>
```

```

</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description

<cfm-remote-mep>

Usage

```
<cfm-entry>
```

```
<cfm-remote-meps>
  <cfm-remote-mep>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-state>
      cfm-remote-mep-state
    </cfm-remote-mep-state>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-remote-mep-interface>
      cfm-remote-mep-interface
    </cfm-remote-mep-interface>
    <cfm-remote-mep-type>
      cfm-remote-mep-type
    </cfm-remote-mep-type>
    <cfm-remote-mep-rdi>
      cfm-remote-mep-rdi
    </cfm-remote-mep-rdi>
    <cfm-remote-mep-last-flapped>
      cfm-remote-mep-last-flapped
    </cfm-remote-mep-last-flapped>
    <cfm-remote-mep-last-dm-stats-cleared>
      cfm-remote-mep-last-dm-stats-cleared
    </cfm-remote-mep-last-dm-stats-cleared>
    <cfm-remote-mep-last-lm-stats-cleared>
      cfm-remote-mep-last-lm-stats-cleared
    </cfm-remote-mep-last-lm-stats-cleared>
    <cfm-remote-mep-continuity>
      cfm-remote-mep-continuity
    </cfm-remote-mep-continuity>
    <cfm-remote-mep-admin-enable-time>
      cfm-remote-mep-admin-enable-time
    </cfm-remote-mep-admin-enable-time>
    <cfm-remote-mep-oper-down-time>
      cfm-remote-mep-oper-down-time
    </cfm-remote-mep-oper-down-time>
    <cfm-remote-mep-port-status-tlv>
      cfm-remote-mep-port-status-tlv
    </cfm-remote-mep-port-status-tlv>
    <cfm-remote-mep-interface-status-tlv>
      cfm-remote-mep-interface-status-tlv
    </cfm-remote-mep-interface-status-tlv>

    <cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
```

Description

<cfm-remote-mep>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep>
            <cfm-remote-mep-identifier>
              cfm-remote-mep-identifier
            </cfm-remote-mep-identifier>
            <cfm-remote-mep-state>
              cfm-remote-mep-state
            </cfm-remote-mep-state>
            <cfm-remote-mep-mac-address>
              cfm-remote-mep-mac-address
            </cfm-remote-mep-mac-address>
            <cfm-remote-mep-interface>
              cfm-remote-mep-interface
            </cfm-remote-mep-interface>
            <cfm-remote-mep-type>
              cfm-remote-mep-type
            </cfm-remote-mep-type>
            <cfm-remote-mep-rdi>
              cfm-remote-mep-rdi
            </cfm-remote-mep-rdi>
            <cfm-remote-mep-last-flapped>
              cfm-remote-mep-last-flapped
            </cfm-remote-mep-last-flapped>
            <cfm-remote-mep-last-dm-stats-cleared>
              cfm-remote-mep-last-dm-stats-cleared
            </cfm-remote-mep-last-dm-stats-cleared>
            <cfm-remote-mep-last-lm-stats-cleared>
              cfm-remote-mep-last-lm-stats-cleared
            </cfm-remote-mep-last-lm-stats-cleared>
            <cfm-remote-mep-continuity>
              cfm-remote-mep-continuity
            </cfm-remote-mep-continuity>
            <cfm-remote-mep-admin-enable-time>
              cfm-remote-mep-admin-enable-time
            </cfm-remote-mep-admin-enable-time>
            <cfm-remote-mep-oper-down-time>
              cfm-remote-mep-oper-down-time
            </cfm-remote-mep-oper-down-time>
            <cfm-remote-mep-port-status-tlv>
              cfm-remote-mep-port-status-tlv
            </cfm-remote-mep-port-status-tlv>
            <cfm-remote-mep-interface-status-tlv>
              cfm-remote-mep-interface-status-tlv
            </cfm-remote-mep-interface-status-tlv>

            <cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

          </cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

```
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-interface>
<cfm-entry>
<cfm-remote-meps>
<cfm-remote-mep>
  <cfm-remote-mep-identifier>
    cfm-remote-mep-identifier
  </cfm-remote-mep-identifier>
  <cfm-remote-mep-state>
    cfm-remote-mep-state
  </cfm-remote-mep-state>
  <cfm-remote-mep-mac-address>
    cfm-remote-mep-mac-address
  </cfm-remote-mep-mac-address>
  <cfm-remote-mep-interface>
    cfm-remote-mep-interface
  </cfm-remote-mep-interface>
  <cfm-remote-mep-type>
    cfm-remote-mep-type
  </cfm-remote-mep-type>
  <cfm-remote-mep-rdi>
    cfm-remote-mep-rdi
  </cfm-remote-mep-rdi>
  <cfm-remote-mep-last-flapped>
    cfm-remote-mep-last-flapped
  </cfm-remote-mep-last-flapped>
  <cfm-remote-mep-last-dm-stats-cleared>
    cfm-remote-mep-last-dm-stats-cleared
  </cfm-remote-mep-last-dm-stats-cleared>
  <cfm-remote-mep-last-lm-stats-cleared>
    cfm-remote-mep-last-lm-stats-cleared
  </cfm-remote-mep-last-lm-stats-cleared>
  <cfm-remote-mep-continuity>
    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
```

```

    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>

```

```

<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

```

```

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
          </cfm-remote-mep-identifier>
          <cfm-remote-mep-state>
            cfm-remote-mep-state
          </cfm-remote-mep-state>
          <cfm-remote-mep-mac-address>
            cfm-remote-mep-mac-address
          </cfm-remote-mep-mac-address>
          <cfm-remote-mep-interface>
            cfm-remote-mep-interface
          </cfm-remote-mep-interface>
          <cfm-remote-mep-type>
            cfm-remote-mep-type
          </cfm-remote-mep-type>
          <cfm-remote-mep-rdi>
            cfm-remote-mep-rdi
          </cfm-remote-mep-rdi>
          <cfm-remote-mep-last-flapped>
            cfm-remote-mep-last-flapped
          </cfm-remote-mep-last-flapped>
          <cfm-remote-mep-last-dm-stats-cleared>
            cfm-remote-mep-last-dm-stats-cleared
          </cfm-remote-mep-last-dm-stats-cleared>
          <cfm-remote-mep-last-lm-stats-cleared>
            cfm-remote-mep-last-lm-stats-cleared
          </cfm-remote-mep-last-lm-stats-cleared>
          <cfm-remote-mep-continuity>
            cfm-remote-mep-continuity
          </cfm-remote-mep-continuity>
          <cfm-remote-mep-admin-enable-time>
            cfm-remote-mep-admin-enable-time
          </cfm-remote-mep-admin-enable-time>
          <cfm-remote-mep-oper-down-time>

```

```
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>
```

```
<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>
```

```
  </cfm-remote-mep>
  </cfm-interface-remote-meps>
  </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep>
        <cfm-remote-mep-identifier>
          cfm-remote-mep-identifier
        </cfm-remote-mep-identifier>
        <cfm-remote-mep-state>
          cfm-remote-mep-state
        </cfm-remote-mep-state>
        <cfm-remote-mep-mac-address>
          cfm-remote-mep-mac-address
        </cfm-remote-mep-mac-address>
        <cfm-remote-mep-interface>
          cfm-remote-mep-interface
        </cfm-remote-mep-interface>
        <cfm-remote-mep-type>
          cfm-remote-mep-type
        </cfm-remote-mep-type>
        <cfm-remote-mep-rdi>
          cfm-remote-mep-rdi
        </cfm-remote-mep-rdi>
        <cfm-remote-mep-last-flapped>
          cfm-remote-mep-last-flapped
        </cfm-remote-mep-last-flapped>
        <cfm-remote-mep-last-dm-stats-cleared>
          cfm-remote-mep-last-dm-stats-cleared
        </cfm-remote-mep-last-dm-stats-cleared>
        <cfm-remote-mep-last-lm-stats-cleared>
          cfm-remote-mep-last-lm-stats-cleared
        </cfm-remote-mep-last-lm-stats-cleared>
        <cfm-remote-mep-continuity>
```

```

    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>

```

```

<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

```

```

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
          </cfm-remote-mep-identifier>
          <cfm-remote-mep-state>
            cfm-remote-mep-state
          </cfm-remote-mep-state>
          <cfm-remote-mep-mac-address>
            cfm-remote-mep-mac-address
          </cfm-remote-mep-mac-address>
          <cfm-remote-mep-interface>
            cfm-remote-mep-interface
          </cfm-remote-mep-interface>
          <cfm-remote-mep-type>
            cfm-remote-mep-type
          </cfm-remote-mep-type>
          <cfm-remote-mep-rdi>
            cfm-remote-mep-rdi
          </cfm-remote-mep-rdi>
          <cfm-remote-mep-last-flapped>
            cfm-remote-mep-last-flapped
          </cfm-remote-mep-last-flapped>
          <cfm-remote-mep-last-dm-stats-cleared>

```

```
    cfm-remote-mep-last-dm-stats-cleared
  </cfm-remote-mep-last-dm-stats-cleared>
  <cfm-remote-mep-last-lm-stats-cleared>
    cfm-remote-mep-last-lm-stats-cleared
  </cfm-remote-mep-last-lm-stats-cleared>
  <cfm-remote-mep-continuity>
    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>
```

```
<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>
```

```
  </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep>
        <cfm-remote-mep-identifier>
          cfm-remote-mep-identifier
        </cfm-remote-mep-identifier>
        <cfm-remote-mep-state>
          cfm-remote-mep-state
        </cfm-remote-mep-state>
        <cfm-remote-mep-mac-address>
          cfm-remote-mep-mac-address
        </cfm-remote-mep-mac-address>
        <cfm-remote-mep-interface>
          cfm-remote-mep-interface
        </cfm-remote-mep-interface>
        <cfm-remote-mep-type>
          cfm-remote-mep-type
        </cfm-remote-mep-type>
        <cfm-remote-mep-rdi>
```



```

    cfm-remote-mep-rdi
  </cfm-remote-mep-rdi>
  <cfm-remote-mep-last-flapped>
    cfm-remote-mep-last-flapped
  </cfm-remote-mep-last-flapped>
  <cfm-remote-mep-last-dm-stats-cleared>
    cfm-remote-mep-last-dm-stats-cleared
  </cfm-remote-mep-last-dm-stats-cleared>
  <cfm-remote-mep-last-lm-stats-cleared>
    cfm-remote-mep-last-lm-stats-cleared
  </cfm-remote-mep-last-lm-stats-cleared>
  <cfm-remote-mep-continuity>
    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>

```

```

<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

```

```

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
          </cfm-remote-mep-identifier>
          <cfm-remote-mep-state>
            cfm-remote-mep-state
          </cfm-remote-mep-state>
          <cfm-remote-mep-mac-address>
            cfm-remote-mep-mac-address
          </cfm-remote-mep-mac-address>
          <cfm-remote-mep-interface>

```

```

    cfm-remote-mep-interface
  </cfm-remote-mep-interface>
  <cfm-remote-mep-type>
    cfm-remote-mep-type
  </cfm-remote-mep-type>
  <cfm-remote-mep-rdi>
    cfm-remote-mep-rdi
  </cfm-remote-mep-rdi>
  <cfm-remote-mep-last-flapped>
    cfm-remote-mep-last-flapped
  </cfm-remote-mep-last-flapped>
  <cfm-remote-mep-last-dm-stats-cleared>
    cfm-remote-mep-last-dm-stats-cleared
  </cfm-remote-mep-last-dm-stats-cleared>
  <cfm-remote-mep-last-lm-stats-cleared>
    cfm-remote-mep-last-lm-stats-cleared
  </cfm-remote-mep-last-lm-stats-cleared>
  <cfm-remote-mep-continuity>
    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>

```

```

<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

```

```

  </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep>
        <cfm-remote-mep-identifier>
          cfm-remote-mep-identifier
        </cfm-remote-mep-identifier>
        <cfm-remote-mep-state>

```

```

    cfm-remote-mep-state
  </cfm-remote-mep-state>
  <cfm-remote-mep-mac-address>
    cfm-remote-mep-mac-address
  </cfm-remote-mep-mac-address>
  <cfm-remote-mep-interface>
    cfm-remote-mep-interface
  </cfm-remote-mep-interface>
  <cfm-remote-mep-type>
    cfm-remote-mep-type
  </cfm-remote-mep-type>
  <cfm-remote-mep-rdi>
    cfm-remote-mep-rdi
  </cfm-remote-mep-rdi>
  <cfm-remote-mep-last-flapped>
    cfm-remote-mep-last-flapped
  </cfm-remote-mep-last-flapped>
  <cfm-remote-mep-last-dm-stats-cleared>
    cfm-remote-mep-last-dm-stats-cleared
  </cfm-remote-mep-last-dm-stats-cleared>
  <cfm-remote-mep-last-lm-stats-cleared>
    cfm-remote-mep-last-lm-stats-cleared
  </cfm-remote-mep-last-lm-stats-cleared>
  <cfm-remote-mep-continuity>
    cfm-remote-mep-continuity
  </cfm-remote-mep-continuity>
  <cfm-remote-mep-admin-enable-time>
    cfm-remote-mep-admin-enable-time
  </cfm-remote-mep-admin-enable-time>
  <cfm-remote-mep-oper-down-time>
    cfm-remote-mep-oper-down-time
  </cfm-remote-mep-oper-down-time>
  <cfm-remote-mep-port-status-tlv>
    cfm-remote-mep-port-status-tlv
  </cfm-remote-mep-port-status-tlv>
  <cfm-remote-mep-interface-status-tlv>
    cfm-remote-mep-interface-status-tlv
  </cfm-remote-mep-interface-status-tlv>

```

```

<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

```

```

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-loss-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>

```

```
<cfm-interface-remote-meps>
  <cfm-remote-mep>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-state>
      cfm-remote-mep-state
    </cfm-remote-mep-state>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-remote-mep-interface>
      cfm-remote-mep-interface
    </cfm-remote-mep-interface>
    <cfm-remote-mep-type>
      cfm-remote-mep-type
    </cfm-remote-mep-type>
    <cfm-remote-mep-rdi>
      cfm-remote-mep-rdi
    </cfm-remote-mep-rdi>
    <cfm-remote-mep-last-flapped>
      cfm-remote-mep-last-flapped
    </cfm-remote-mep-last-flapped>
    <cfm-remote-mep-last-dm-stats-cleared>
      cfm-remote-mep-last-dm-stats-cleared
    </cfm-remote-mep-last-dm-stats-cleared>
    <cfm-remote-mep-last-lm-stats-cleared>
      cfm-remote-mep-last-lm-stats-cleared
    </cfm-remote-mep-last-lm-stats-cleared>
    <cfm-remote-mep-continuity>
      cfm-remote-mep-continuity
    </cfm-remote-mep-continuity>
    <cfm-remote-mep-admin-enable-time>
      cfm-remote-mep-admin-enable-time
    </cfm-remote-mep-admin-enable-time>
    <cfm-remote-mep-oper-down-time>
      cfm-remote-mep-oper-down-time
    </cfm-remote-mep-oper-down-time>
    <cfm-remote-mep-port-status-tlv>
      cfm-remote-mep-port-status-tlv
    </cfm-remote-mep-port-status-tlv>
    <cfm-remote-mep-interface-status-tlv>
      cfm-remote-mep-interface-status-tlv
    </cfm-remote-mep-interface-status-tlv>

    <cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

  </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-remote-mep>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep>
        <cfm-remote-mep-identifier>
          cfm-remote-mep-identifier
        </cfm-remote-mep-identifier>
        <cfm-remote-mep-state>
          cfm-remote-mep-state
        </cfm-remote-mep-state>
        <cfm-remote-mep-mac-address>
          cfm-remote-mep-mac-address
        </cfm-remote-mep-mac-address>
        <cfm-remote-mep-interface>
          cfm-remote-mep-interface
        </cfm-remote-mep-interface>
        <cfm-remote-mep-type>
          cfm-remote-mep-type
        </cfm-remote-mep-type>
        <cfm-remote-mep-rdi>
          cfm-remote-mep-rdi
        </cfm-remote-mep-rdi>
        <cfm-remote-mep-last-flapped>
          cfm-remote-mep-last-flapped
        </cfm-remote-mep-last-flapped>
        <cfm-remote-mep-last-dm-stats-cleared>
          cfm-remote-mep-last-dm-stats-cleared
        </cfm-remote-mep-last-dm-stats-cleared>
        <cfm-remote-mep-last-lm-stats-cleared>
          cfm-remote-mep-last-lm-stats-cleared
        </cfm-remote-mep-last-lm-stats-cleared>
        <cfm-remote-mep-continuity>
          cfm-remote-mep-continuity
        </cfm-remote-mep-continuity>
        <cfm-remote-mep-admin-enable-time>
          cfm-remote-mep-admin-enable-time
        </cfm-remote-mep-admin-enable-time>
        <cfm-remote-mep-oper-down-time>
          cfm-remote-mep-oper-down-time
        </cfm-remote-mep-oper-down-time>
        <cfm-remote-mep-port-status-tlv>
          cfm-remote-mep-port-status-tlv
        </cfm-remote-mep-port-status-tlv>
        <cfm-remote-mep-interface-status-tlv>
          cfm-remote-mep-interface-status-tlv
        </cfm-remote-mep-interface-status-tlv>

      <cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

    </cfm-remote-mep>
  </cfm-remote-meps>

```

```
</cfm-entry>
</cfm-loss-statistics>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep>
            <cfm-remote-mep-identifier>
              cfm-remote-mep-identifier
            </cfm-remote-mep-identifier>
            <cfm-remote-mep-state>
              cfm-remote-mep-state
            </cfm-remote-mep-state>
            <cfm-remote-mep-mac-address>
              cfm-remote-mep-mac-address
            </cfm-remote-mep-mac-address>
            <cfm-remote-mep-interface>
              cfm-remote-mep-interface
            </cfm-remote-mep-interface>
            <cfm-remote-mep-type>
              cfm-remote-mep-type
            </cfm-remote-mep-type>
            <cfm-remote-mep-rdi>
              cfm-remote-mep-rdi
            </cfm-remote-mep-rdi>
            <cfm-remote-mep-last-flapped>
              cfm-remote-mep-last-flapped
            </cfm-remote-mep-last-flapped>
            <cfm-remote-mep-last-dm-stats-cleared>
              cfm-remote-mep-last-dm-stats-cleared
            </cfm-remote-mep-last-dm-stats-cleared>
            <cfm-remote-mep-last-lm-stats-cleared>
              cfm-remote-mep-last-lm-stats-cleared
            </cfm-remote-mep-last-lm-stats-cleared>
            <cfm-remote-mep-continuity>
              cfm-remote-mep-continuity
            </cfm-remote-mep-continuity>
            <cfm-remote-mep-admin-enable-time>
              cfm-remote-mep-admin-enable-time
            </cfm-remote-mep-admin-enable-time>
            <cfm-remote-mep-oper-down-time>
              cfm-remote-mep-oper-down-time
            </cfm-remote-mep-oper-down-time>
            <cfm-remote-mep-port-status-tlv>
              cfm-remote-mep-port-status-tlv
            </cfm-remote-mep-port-status-tlv>
            <cfm-remote-mep-interface-status-tlv>
              cfm-remote-mep-interface-status-tlv
```

```
</cfm-remote-mep-interface-status-tlv>
```

```
<cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>
```

```
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-state>
        cfm-remote-mep-state
      </cfm-remote-mep-state>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
      <cfm-remote-mep-interface>
        cfm-remote-mep-interface
      </cfm-remote-mep-interface>
      <cfm-remote-mep-type>
        cfm-remote-mep-type
      </cfm-remote-mep-type>
      <cfm-remote-mep-rdi>
        cfm-remote-mep-rdi
      </cfm-remote-mep-rdi>
      <cfm-remote-mep-last-flapped>
        cfm-remote-mep-last-flapped
      </cfm-remote-mep-last-flapped>
      <cfm-remote-mep-last-dm-stats-cleared>
        cfm-remote-mep-last-dm-stats-cleared
      </cfm-remote-mep-last-dm-stats-cleared>
      <cfm-remote-mep-last-lm-stats-cleared>
        cfm-remote-mep-last-lm-stats-cleared
      </cfm-remote-mep-last-lm-stats-cleared>
      <cfm-remote-mep-continuity>
        cfm-remote-mep-continuity
      </cfm-remote-mep-continuity>
      <cfm-remote-mep-admin-enable-time>
        cfm-remote-mep-admin-enable-time
      </cfm-remote-mep-admin-enable-time>
      <cfm-remote-mep-oper-down-time>
        cfm-remote-mep-oper-down-time
```

```
        </cfm-remote-mep-oper-down-time>
        <cfm-remote-mep-port-status-tlv>
          cfm-remote-mep-port-status-tlv
        </cfm-remote-mep-port-status-tlv>
        <cfm-remote-mep-interface-status-tlv>
          cfm-remote-mep-interface-status-tlv
        </cfm-remote-mep-interface-status-tlv>

    <cfm-remote-mep-connection-protection-tlv>....</cfm-remote-mep-connection-protection-tlv>

  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-iterator-statistics>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep-ap>
      <cfm-action-profile-name>
        cfm-action-profile-name
      </cfm-action-profile-name>
      <cfm-ap-last-event>
        cfm-ap-last-event
      </cfm-ap-last-event>
      <cfm-ap-action-name>
        cfm-ap-action-name
      </cfm-ap-action-name>
      <cfm-ap-action-time>
        cfm-ap-action-time
      </cfm-ap-action-time>
      <cfm-ap-last-event-cleared-time>
        cfm-ap-last-event-cleared-time
      </cfm-ap-last-event-cleared-time>
    </cfm-remote-mep-ap>
  </cfm-remote-meps>
</cfm-entry>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
```



```

    <cfm-ap-last-event>
      cfm-ap-last-event
    </cfm-ap-last-event>
    <cfm-ap-action-name>
      cfm-ap-action-name
    </cfm-ap-action-name>
    <cfm-ap-action-time>
      cfm-ap-action-time
    </cfm-ap-action-time>
    <cfm-ap-last-event-cleared-time>
      cfm-ap-last-event-cleared-time
    </cfm-ap-last-event-cleared-time>
  </cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-remote-mep-ap>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-remote-mep-ap>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-meps>

```

```
<cfm-remote-mep-ap>
  <cfm-action-profile-name>
    cfm-action-profile-name
  </cfm-action-profile-name>
  <cfm-ap-last-event>
    cfm-ap-last-event
  </cfm-ap-last-event>
  <cfm-ap-action-name>
    cfm-ap-action-name
  </cfm-ap-action-name>
  <cfm-ap-action-time>
    cfm-ap-action-time
  </cfm-ap-action-time>
  <cfm-ap-last-event-cleared-time>
    cfm-ap-last-event-cleared-time
  </cfm-ap-last-event-cleared-time>
</cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-remote-mep-ap>**Usage**

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-loss-statistics>

```

Description**<cfm-remote-mep-ap>****Usage**

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>

```

```
</cfm-iterator-statistics>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-entry>
  <cfm-remote-mep-brief-summary>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
  </cfm-remote-mep-brief-summary>
</cfm-entry>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-remote-mep-brief-summary>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-remote-mep-brief-summary>

Usage

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-loss-statistics>

```

Description**<cfm-remote-mep-brief-summary>****Usage**

```
<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-iterator-statistics>
```

Description**<cfm-remote-mep-connection-protection-tlv>****Usage**

```
<cfm-remote-mep-connection-protection-tlv>
  <cfm-connection-protection-tlv-prefer-me>
    cfm-connection-protection-tlv-prefer-me
  </cfm-connection-protection-tlv-prefer-me>
  <cfm-connection-protection-tlv-protection-in-use>
    cfm-connection-protection-tlv-protection-in-use
  </cfm-connection-protection-tlv-protection-in-use>
  <cfm-connection-protection-tlv-frr-flag>
    cfm-connection-protection-tlv-frr-flag
  </cfm-connection-protection-tlv-frr-flag>
</cfm-remote-mep-connection-protection-tlv>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>**Usage**

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
            <cfm-connection-protection-tlv-frr-flag>
              cfm-connection-protection-tlv-frr-flag
          </cfm-remote-mep-connection-protection-tlv>
        </cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

```

        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
          cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
          cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
          cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep>
            <cfm-remote-mep-connection-protection-tlv>
              <cfm-connection-protection-tlv-prefer-me>
                cfm-connection-protection-tlv-prefer-me
              </cfm-connection-protection-tlv-prefer-me>
              <cfm-connection-protection-tlv-protection-in-use>
                cfm-connection-protection-tlv-protection-in-use
              </cfm-connection-protection-tlv-protection-in-use>
              <cfm-connection-protection-tlv-frr-flag>
                cfm-connection-protection-tlv-frr-flag
              </cfm-connection-protection-tlv-frr-flag>
            </cfm-remote-mep-connection-protection-tlv>
          </cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

```
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-interface>
<cfm-entry>
<cfm-remote-meps>
<cfm-remote-mep>
  <cfm-remote-mep-connection-protection-tlv>
    <cfm-connection-protection-tlv-prefer-me>
      cfm-connection-protection-tlv-prefer-me
    </cfm-connection-protection-tlv-prefer-me>
    <cfm-connection-protection-tlv-protection-in-use>
      cfm-connection-protection-tlv-protection-in-use
    </cfm-connection-protection-tlv-protection-in-use>
    <cfm-connection-protection-tlv-frr-flag>
      cfm-connection-protection-tlv-frr-flag
    </cfm-connection-protection-tlv-frr-flag>
  </cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-interface>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-mep-database>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
<cfm-interface-remote-meps>
<cfm-remote-mep>
  <cfm-remote-mep-connection-protection-tlv>
    <cfm-connection-protection-tlv-prefer-me>
      cfm-connection-protection-tlv-prefer-me
    </cfm-connection-protection-tlv-prefer-me>
    <cfm-connection-protection-tlv-protection-in-use>
      cfm-connection-protection-tlv-protection-in-use
    </cfm-connection-protection-tlv-protection-in-use>
    <cfm-connection-protection-tlv-frr-flag>
      cfm-connection-protection-tlv-frr-flag
    </cfm-connection-protection-tlv-frr-flag>
  </cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```



```

        </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
          cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
          cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
          cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>
</cfm-mep-database>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
            <cfm-connection-protection-tlv-frr-flag>
              cfm-connection-protection-tlv-frr-flag
          </cfm-remote-mep-connection-protection-tlv>
        </cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>

```

```
</cfm-connection-protection-tlv-frr-flag>
</cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
          cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
          cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
          cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>
</cfm-mep-statistics>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
            <cfm-connection-protection-tlv-frr-flag>
```

```

        cfm-connection-protection-tlv-frr-flag
      </cfm-connection-protection-tlv-frr-flag>
    </cfm-remote-mep-connection-protection-tlv>
  </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
          cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
          cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
          cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>
</cfm-delay-statistics>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-loss-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
          </cfm-remote-mep-connection-protection-tlv>
        </cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>

```

```
<cfm-connection-protection-tlv-frr-flag>
  cfm-connection-protection-tlv-frr-flag
</cfm-connection-protection-tlv-frr-flag>
</cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-loss-statistics>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-loss-statistics>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
          cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
          cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
          cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
      </cfm-remote-mep-connection-protection-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>
</cfm-loss-statistics>
```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```
<cfm-iterator-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-connection-protection-tlv>
            <cfm-connection-protection-tlv-prefer-me>
              cfm-connection-protection-tlv-prefer-me
            </cfm-connection-protection-tlv-prefer-me>
            <cfm-connection-protection-tlv-protection-in-use>
              cfm-connection-protection-tlv-protection-in-use
            </cfm-connection-protection-tlv-protection-in-use>
          </cfm-remote-mep-connection-protection-tlv>
        </cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>
```

```

        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
            cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
    </cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-iterator-statistics>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-mep-connection-protection-tlv>

Usage

```

<cfm-iterator-statistics>
<cfm-entry>
<cfm-remote-meps>
<cfm-remote-mep>
    <cfm-remote-mep-connection-protection-tlv>
        <cfm-connection-protection-tlv-prefer-me>
            cfm-connection-protection-tlv-prefer-me
        </cfm-connection-protection-tlv-prefer-me>
        <cfm-connection-protection-tlv-protection-in-use>
            cfm-connection-protection-tlv-protection-in-use
        </cfm-connection-protection-tlv-protection-in-use>
        <cfm-connection-protection-tlv-frr-flag>
            cfm-connection-protection-tlv-frr-flag
        </cfm-connection-protection-tlv-frr-flag>
    </cfm-remote-mep-connection-protection-tlv>
</cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-iterator-statistics>

```

Description Connection Protection TLV information in the last recieved CCM from Remote MEP

<cfm-remote-meps>

Usage

```

<cfm-entry>
<cfm-remote-meps>
    <cfm-remote-mep-count>
        cfm-remote-mep-count
    </cfm-remote-mep-count>
    <cfm-remote-mep>....</cfm-remote-mep>
    <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>

```

Description

<cfm-remote-meps>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-remote-meps>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-meps>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-meps>**Usage**

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-delay-statistics>

```

Description**<cfm-remote-meps>****Usage**

```

<cfm-loss-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-loss-statistics>

```

Description**<cfm-remote-meps>****Usage**

```

<cfm-iterator-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-iterator-statistics>

```

Description

<cfm-route-information>

Usage

```
<cfm-route-information>
  <cfm-route-prefix>
    cfm-route-prefix
  </cfm-route-prefix>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-route-last-operation>
    cfm-route-last-operation
  </cfm-route-last-operation>
  <cfm-route-last-error>
    cfm-route-last-error
  </cfm-route-last-error>
  <cfm-route-statistics>
    cfm-route-statistics
  </cfm-route-statistics>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-route-table-index>
    cfm-route-table-index
  </cfm-route-table-index>
  <cfm-route-owner>
    cfm-route-owner
  </cfm-route-owner>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-route-information>
```

Description

<cfm-route-maintenance-domain-level>

Usage

```
<cfm-route-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-transmit-route-prefix>
    cfm-transmit-route-prefix
  </cfm-transmit-route-prefix>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-route-maintenance-domain-level>
```

Description

<cfm-route-maintenance-domain-level>

Usage

```

<cfm-transmit-interface-information>
  <cfm-route-maintenance-domain-level>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-transmit-route-prefix>
      cfm-transmit-route-prefix
    </cfm-transmit-route-prefix>
    <cfm-nexthop-index>
      cfm-nexthop-index
    </cfm-nexthop-index>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-route-maintenance-domain-level>
</cfm-transmit-interface-information>

```

Description

<cfm-route-socket-message-counters>

Usage

```

<cfm-route-socket-message-counters>
  <cfm-route-socket-message-type>
    cfm-route-socket-message-type
  </cfm-route-socket-message-type>
  <cfm-route-socket-message-add>
    cfm-route-socket-message-add
  </cfm-route-socket-message-add>
  <cfm-route-socket-message-change>
    cfm-route-socket-message-change
  </cfm-route-socket-message-change>
  <cfm-route-socket-message-delete>
    cfm-route-socket-message-delete
  </cfm-route-socket-message-delete>
</cfm-route-socket-message-counters>

```

Description

<cfm-route-socket-message-counters>

Usage

```

<cfm-counters-route-socket-operations>
  <cfm-route-socket-message-counters>
    <cfm-route-socket-message-type>
      cfm-route-socket-message-type
    </cfm-route-socket-message-type>
    <cfm-route-socket-message-add>
      cfm-route-socket-message-add
    </cfm-route-socket-message-add>

```

```
<cfm-route-socket-message-change>
  cfm-route-socket-message-change
</cfm-route-socket-message-change>
<cfm-route-socket-message-delete>
  cfm-route-socket-message-delete
</cfm-route-socket-message-delete>
</cfm-route-socket-message-counters>
</cfm-counters-route-socket-operations>
```

Description

<cfm-route-socket-message-counters>

Usage

```
<cfm-counters-route-socket-received>
<cfm-route-socket-message-counters>
  <cfm-route-socket-message-type>
    cfm-route-socket-message-type
  </cfm-route-socket-message-type>
  <cfm-route-socket-message-add>
    cfm-route-socket-message-add
  </cfm-route-socket-message-add>
  <cfm-route-socket-message-change>
    cfm-route-socket-message-change
  </cfm-route-socket-message-change>
  <cfm-route-socket-message-delete>
    cfm-route-socket-message-delete
  </cfm-route-socket-message-delete>
</cfm-route-socket-message-counters>
</cfm-counters-route-socket-received>
```

Description

<cfm-transmit-interface-information>

Usage

```
<cfm-transmit-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>

  <cfm-route-maintenance-domain-level>....</cfm-route-maintenance-domain-level>
</cfm-transmit-interface-information>
```

Description

<cfmd-internal-state>

Usage

```
<cfmd-internal-state>
  <cfm-session-count>
```

```
    cfm-session-count
  </cfm-session-count>
  <cfm-session-created-count>
    cfm-session-created-count
  </cfm-session-created-count>
  <cfm-session-deleted-count>
    cfm-session-deleted-count
  </cfm-session-deleted-count>
  <cfm-session-freed-count>
    cfm-session-freed-count
  </cfm-session-freed-count>
  <cfm-vpls>
    cfm-vpls
  </cfm-vpls>
  <cfm-token-based-forwarding>
    cfm-token-based-forwarding
  </cfm-token-based-forwarding>
  <cfm-forwarding-table-filtering-simulation>
    cfm-forwarding-table-filtering-simulation
  </cfm-forwarding-table-filtering-simulation>
  <cfm-hardware-assist-flooding>
    cfm-hardware-assist-flooding
  </cfm-hardware-assist-flooding>
  <cfm-gres-flood-resynchronization>
    cfm-gres-flood-resynchronization
  </cfm-gres-flood-resynchronization>
  <cfm-shared-interface-filters>
    cfm-shared-interface-filters
  </cfm-shared-interface-filters>
  <cfm-hw-timestamping>
    cfm-hw-timestamping
  </cfm-hw-timestamping>
  <cfm-mark-connection-protection-tlv>
    cfm-mark-connection-protection-tlv
  </cfm-mark-connection-protection-tlv>
  <cfm-ppmd-connection-state>
    cfm-ppmd-connection-state
  </cfm-ppmd-connection-state>
  <cfm-ppmd-flow-state>
    cfm-ppmd-flow-state
  </cfm-ppmd-flow-state>
  <cfm-ppmd-job-state>
    cfm-ppmd-job-state
  </cfm-ppmd-job-state>
  <cfm-ppmd-blocked-count>
    cfm-ppmd-blocked-count
  </cfm-ppmd-blocked-count>
  <cfm-dfwd-connection-state>
    cfm-dfwd-connection-state
  </cfm-dfwd-connection-state>
  <cfm-dfwd-reconnect-count>
    cfm-dfwd-reconnect-count
  </cfm-dfwd-reconnect-count>
  <cfm-dfwd-requests-sent>
    cfm-dfwd-requests-sent
  </cfm-dfwd-requests-sent>
```

```
<cfm-dfwd-requests-accepted>
  cfm-dfwd-requests-accepted
</cfm-dfwd-requests-accepted>
<cfm-dfwd-requests-rejected>
  cfm-dfwd-requests-rejected
</cfm-dfwd-requests-rejected>
<cfm-dfwd-requests-lost>
  cfm-dfwd-requests-lost
</cfm-dfwd-requests-lost>
<cfm-dfwd-pending-transactions>....</cfm-dfwd-pending-transactions>
<cfm-dfwd-policer-instance-info>....</cfm-dfwd-policer-instance-info>
</cfmd-internal-state>
```

Description

Summary of Chassis Response Tags ---

<ac-input-detail>

Usage

```
<power-usage-information>
<power-usage-item>
  <ac-input-detail>
    <ac-input>
      ac-input
    </ac-input>
    <ac-expect-feed>
      ac-expect-feed
    </ac-expect-feed>
    <ac-actual-feed>
      ac-actual-feed
    </ac-actual-feed>
  </ac-input-detail>
</power-usage-item>
</power-usage-information>
```

Description

<airflow-direction>

Usage

```
<environment-component-information>
<environment-component-item>
  <airflow-direction>
    <airflow>
      airflow
    </airflow>
    <direction>
      direction
    </direction>
  </airflow-direction>
</environment-component-item>
</environment-component-information>
```

Description**<alarm-indicators>****Usage**

```

<alarm-indicators>
  <red-led>
    red-led
  </red-led>
  <yellow-led>
    yellow-led
  </yellow-led>
  <major-alarm-relay>
    major-alarm-relay
  </major-alarm-relay>
  <minor-alarm-relay>
    minor-alarm-relay
  </minor-alarm-relay>
</alarm-indicators>

```

Description Information about alarms from the craft interface

<alarm-indicators>**Usage**

```

<front-panel>
  <alarm-indicators>
    <red-led>
      red-led
    </red-led>
    <yellow-led>
      yellow-led
    </yellow-led>
    <major-alarm-relay>
      major-alarm-relay
    </major-alarm-relay>
    <minor-alarm-relay>
      minor-alarm-relay
    </minor-alarm-relay>
  </alarm-indicators>
</front-panel>

```

Description Information about alarms from the craft interface

<alarm-indicators>**Usage**

```

<craft-information>
  <front-panel>
    <alarm-indicators>
      <red-led>
        red-led
      </red-led>

```

```
<yellow-led>
  yellow-led
</yellow-led>
<major-alarm-relay>
  major-alarm-relay
</major-alarm-relay>
<minor-alarm-relay>
  minor-alarm-relay
</minor-alarm-relay>
</alarm-indicators>
</front-panel>
</craft-information>
```

Description Information about alarms from the craft interface

<cb>

Usage

```
<cb-panel>
<cb>
  <slot>
    slot
  </slot>
  <amber-led>
    amber-led
  </amber-led>
  <green-led>
    green-led
  </green-led>
  <blue-led>
    blue-led
  </blue-led>
</cb>
</cb-panel>
```

Description State of status LEDs on a Control Board

<cb>

Usage

```
<craft-information>
  <cb-panel>
    <cb>
      <slot>
        slot
      </slot>
      <amber-led>
        amber-led
      </amber-led>
      <green-led>
        green-led
      </green-led>
      <blue-led>
```

```
        blue-led  
      </blue-led>  
    </cb>  
  </cb-panel>  
</craft-information>
```

Description State of status LEDs on a Control Board

<cb-panel>

Usage

```
<cb-panel>  
<cb>....</cb>  
</cb-panel>
```

Description State of status LEDs on one or more Control Boards

<cb-panel>

Usage

```
<craft-information>  
  <cb-panel>  
    <cb>....</cb>  
  </cb-panel>  
</craft-information>
```

Description State of status LEDs on one or more Control Boards

<cfm-ok-fail-led>

Usage

```
<cfm-ok-fail-led>  
  <red-led>  
    red-led  
  </red-led>  
  <yellow-led>  
    yellow-led  
  </yellow-led>  
  <amber-led>  
    amber-led  
  </amber-led>  
</cfm-ok-fail-led>
```

Description State of the CFM Ok/Fail LED on the craft interface

<cfm-ok-fail-led>

Usage

```
<recb-panel>  
  <cfm-ok-fail-led>
```

```
<red-led>
  red-led
</red-led>
<yellow-led>
  yellow-led
</yellow-led>
<amber-led>
  amber-led
</amber-led>
</cfm-ok-fail-led>
</recb-panel>
```

Description State of the CFM Ok/Fail LED on the craft interface

<cfm-ok-fail-led>

Usage

```
<craft-information>
  <recb-panel>
    <cfm-ok-fail-led>
      <red-led>
        red-led
      </red-led>
      <yellow-led>
        yellow-led
      </yellow-led>
      <amber-led>
        amber-led
      </amber-led>
    </cfm-ok-fail-led>
  </recb-panel>
</craft-information>
```

Description State of the CFM Ok/Fail LED on the craft interface

<cfm-service-led>

Usage

```
<cfm-service-led>
  <red-led>
    red-led
  </red-led>
  <yellow-led>
    yellow-led
  </yellow-led>
  <amber-led>
    amber-led
  </amber-led>
</cfm-service-led>
```

Description State of the CFM Service LED on the craft interface

<cfm-service-led>**Usage**

```

<recb-panel>
  <cfm-service-led>
    <red-led>
      red-led
    </red-led>
    <yellow-led>
      yellow-led
    </yellow-led>
    <amber-led>
      amber-led
    </amber-led>
  </cfm-service-led>
</recb-panel>

```

Description State of the CFM Service LED on the craft interface

<cfm-service-led>**Usage**

```

<craft-information>
  <recb-panel>
    <cfm-service-led>
      <red-led>
        red-led
      </red-led>
      <yellow-led>
        yellow-led
      </yellow-led>
      <amber-led>
        amber-led
      </amber-led>
    </cfm-service-led>
  </recb-panel>
</craft-information>

```

Description State of the CFM Service LED on the craft interface

<chassis>**Usage**

```

<chassis-inventory>
  <chassis>
    <hardware-incomplete>
      hardware-incomplete
    </hardware-incomplete>
    <name>
      name
    </name>
    <version>

```

```
    version
  </version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <description>
    description
  </description>
  <i2c-information>....</i2c-information>
  <chassis-module>....</chassis-module>
</chassis>
</chassis-inventory>
```

Description Hardware inventory of this chassis

<chassis>

Usage

```
<firmware-information>
<chassis>
  <hardware-incomplete>
    hardware-incomplete
  </hardware-incomplete>
  <name>
    name
  </name>
  <version>
    version
  </version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <description>
    description
  </description>
  <i2c-information>....</i2c-information>
```

```

    <chassis-module>....</chassis-module>
  </chassis>
</firmware-information>

```

Description Hardware inventory of this chassis

<chassis>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <hardware-incomplete>
          hardware-incomplete
        </hardware-incomplete>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <description>
          description
        </description>
        <i2c-information>....</i2c-information>
        <chassis-module>....</chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Hardware inventory of this chassis

<chassis>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>

```

```
<hardware-incomplete>
  hardware-incomplete
</hardware-incomplete>
<name>
  name
</name>
<version>
  version
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<chassis-module>....</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Hardware inventory of this chassis

<chassis-fabric-card-information-internal>

Usage

```
<chassis-fabric-card-information-internal>
<card-pos>
  card-pos
</card-pos>
<card-slot>
  card-slot
</card-slot>
<card-type>
  card-type
</card-type>
<management-status>
  management-status
</management-status>
<hw-status>
  hw-status
</hw-status>
<min-chip-id>
  min-chip-id
```

```

</min-chip-id>
<max-chip-id>
  max-chip-id
</max-chip-id>
</chassis-fabric-card-information-internal>

```

Description

<chassis-fabric-card-information-internal>

Usage

```

<chassis-fabric-information>
  <chassis-fabric-card-information-internal>
    <card-pos>
      card-pos
    </card-pos>
    <card-slot>
      card-slot
    </card-slot>
    <card-type>
      card-type
    </card-type>
    <management-status>
      management-status
    </management-status>
    <hw-status>
      hw-status
    </hw-status>
    <min-chip-id>
      min-chip-id
    </min-chip-id>
    <max-chip-id>
      max-chip-id
    </max-chip-id>
  </chassis-fabric-card-information-internal>
</chassis-fabric-information>

```

Description

<chassis-fabric-ccpc-incoming-links-header>

Usage

```

<chassis-fabric-ccpc-incoming-links-header>
  <card-detail>
    card-detail
  </card-detail>
  <card-slot-num>
    card-slot-num
  </card-slot-num>
</chassis-fabric-ccpc-incoming-links-header>

```

Description

<chassis-fabric-ccpc-incoming-links-header>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-ccpc-incoming-links-header>
    <card-detail>
      card-detail
    </card-detail>
    <card-slot-num>
      card-slot-num
    </card-slot-num>
  </chassis-fabric-ccpc-incoming-links-header>
</chassis-fabric-information>
```

Description

<chassis-fabric-ccpc-outgoing-links-header>

Usage

```
<chassis-fabric-ccpc-outgoing-links-header>
  <card-detail>
    card-detail
  </card-detail>
  <card-slot-num>
    card-slot-num
  </card-slot-num>
</chassis-fabric-ccpc-outgoing-links-header>
```

Description

<chassis-fabric-ccpc-outgoing-links-header>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-ccpc-outgoing-links-header>
    <card-detail>
      card-detail
    </card-detail>
    <card-slot-num>
      card-slot-num
    </card-slot-num>
  </chassis-fabric-ccpc-outgoing-links-header>
</chassis-fabric-information>
```

Description

<chassis-fabric-chip-down-links-internal>

Usage

```
<chassis-fabric-chip-down-links-internal>
  <src-chip>
    src-chip
  </src-chip>
```

```
<src-port>
  src-port
</src-port>
<dst-chip>
  dst-chip
</dst-chip>
<dst-port>
  dst-port
</dst-port>
</chassis-fabric-chip-down-links-internal>
```

Description

<chassis-fabric-chip-down-links-internal>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-chip-down-links-internal>
    <src-chip>
      src-chip
    </src-chip>
    <src-port>
      src-port
    </src-port>
    <dst-chip>
      dst-chip
    </dst-chip>
    <dst-port>
      dst-port
    </dst-port>
  </chassis-fabric-chip-down-links-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-chip-error-links-internal>

Usage

```
<chassis-fabric-chip-error-links-internal>
  <src-chip>
    src-chip
  </src-chip>
  <src-port>
    src-port
  </src-port>
  <dst-chip>
    dst-chip
  </dst-chip>
  <dst-port>
    dst-port
  </dst-port>
</chassis-fabric-chip-error-links-internal>
```

Description**<chassis-fabric-chip-error-links-internal>****Usage**

```
<chassis-fabric-information>
  <chassis-fabric-chip-error-links-internal>
    <src-chip>
      src-chip
    </src-chip>
    <src-port>
      src-port
    </src-port>
    <dst-chip>
      dst-chip
    </dst-chip>
    <dst-port>
      dst-port
    </dst-port>
  </chassis-fabric-chip-error-links-internal>
</chassis-fabric-information>
```

Description**<chassis-fabric-chip-in-links-internal>****Usage**

```
<chassis-fabric-chip-in-links-internal>
  <src-chip>
    src-chip
  </src-chip>
  <src-port>
    src-port
  </src-port>
  <dst-chip>
    dst-chip
  </dst-chip>
  <dst-port>
    dst-port
  </dst-port>
  <management-status>
    management-status
  </management-status>
  <hw-status>
    hw-status
  </hw-status>
</chassis-fabric-chip-in-links-internal>
```

Description**<chassis-fabric-chip-in-links-internal>****Usage**

```
<chassis-fabric-information>
  <chassis-fabric-chip-in-links-internal>
```



```
<src-chip>
  src-chip
</src-chip>
<src-port>
  src-port
</src-port>
<dst-chip>
  dst-chip
</dst-chip>
<dst-port>
  dst-port
</dst-port>
<management-status>
  management-status
</management-status>
<hw-status>
  hw-status
</hw-status>
</chassis-fabric-chip-in-links-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-chip-information-internal>

Usage

```
<chassis-fabric-chip-information-internal>
  <chip-id>
    chip-id
  </chip-id>
  <chip-type>
    chip-type
  </chip-type>
  <management-status>
    management-status
  </management-status>
  <hw-status>
    hw-status
  </hw-status>
</chassis-fabric-chip-information-internal>
```

Description

<chassis-fabric-chip-information-internal>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-chip-information-internal>
    <chip-id>
      chip-id
    </chip-id>
    <chip-type>
      chip-type
    </chip-type>
```

```
<management-status>
  management-status
</management-status>
<hw-status>
  hw-status
</hw-status>
</chassis-fabric-chip-information-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-chip-out-links-internal>

Usage

```
<chassis-fabric-chip-out-links-internal>
  <src-chip>
    src-chip
  </src-chip>
  <src-port>
    src-port
  </src-port>
  <dst-chip>
    dst-chip
  </dst-chip>
  <dst-port>
    dst-port
  </dst-port>
  <management-status>
    management-status
  </management-status>
  <hw-status>
    hw-status
  </hw-status>
</chassis-fabric-chip-out-links-internal>
```

Description

<chassis-fabric-chip-out-links-internal>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-chip-out-links-internal>
    <src-chip>
      src-chip
    </src-chip>
    <src-port>
      src-port
    </src-port>
    <dst-chip>
      dst-chip
    </dst-chip>
    <dst-port>
      dst-port
    </dst-port>
```

```
<management-status>
  management-status
</management-status>
<hw-status>
  hw-status
</hw-status>
</chassis-fabric-chip-out-links-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-chip-up-links-internal>

Usage

```
<chassis-fabric-chip-up-links-internal>
  <src-chip>
    src-chip
  </src-chip>
  <src-port>
    src-port
  </src-port>
  <dst-chip>
    dst-chip
  </dst-chip>
  <dst-port>
    dst-port
  </dst-port>
</chassis-fabric-chip-up-links-internal>
```

Description

<chassis-fabric-chip-up-links-internal>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-chip-up-links-internal>
    <src-chip>
      src-chip
    </src-chip>
    <src-port>
      src-port
    </src-port>
    <dst-chip>
      dst-chip
    </dst-chip>
    <dst-port>
      dst-port
    </dst-port>
  </chassis-fabric-chip-up-links-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-information>

Usage

```
<chassis-fabric-information>
  <serial-id>
    serial-id
  </serial-id>
  <chassis-type>
    chassis-type
  </chassis-type>
  <management-status>
    management-status
  </management-status>
  <hw-status>
    hw-status
  </hw-status>
  <chassis-fabric-links-header>....</chassis-fabric-links-header>

  <chassis-fabric-ccpc-incoming-links-header>....</chassis-fabric-ccpc-incoming-links-header>

  <chassis-fabric-ccpc-outgoing-links-header>....</chassis-fabric-ccpc-outgoing-links-header>

  <chassis-fabric-tor-incoming-links-header>....</chassis-fabric-tor-incoming-links-header>

  <chassis-fabric-tor-outgoing-links-header>....</chassis-fabric-tor-outgoing-links-header>

  <chassis-fabric-links>....</chassis-fabric-links>
  <chassis-fabric-information-internal>....</chassis-fabric-information-internal>

  <chassis-fabric-card-information-internal>....</chassis-fabric-card-information-internal>

  <chassis-fabric-chip-information-internal>....</chassis-fabric-chip-information-internal>

  <chassis-fabric-chip-in-links-internal>....</chassis-fabric-chip-in-links-internal>
  <chassis-fabric-chip-out-links-internal>....</chassis-fabric-chip-out-links-internal>

  <chassis-fabric-chip-up-links-internal>....</chassis-fabric-chip-up-links-internal>

  <chassis-fabric-chip-down-links-internal>....</chassis-fabric-chip-down-links-internal>

  <chassis-fabric-chip-error-links-internal>....</chassis-fabric-chip-error-links-internal>
</chassis-fabric-information>
```

Description

<chassis-fabric-information-device>

Usage

```
<chassis-fabric-information-device>
```

```

<serial-id>
  serial-id
</serial-id>
<chassis-type>
  chassis-type
</chassis-type>
<management-status>
  management-status
</management-status>
<hw-status>
  hw-status
</hw-status>
<chassis-fabric-information-internal>....</chassis-fabric-information-internal>
</chassis-fabric-information-device>

```

Description

<chassis-fabric-information-internal>

Usage

```

<chassis-fabric-information-internal>
  <chassis-id>
    chassis-id
  </chassis-id>
  <min-chip-id>
    min-chip-id
  </min-chip-id>
  <max-chip-id>
    max-chip-id
  </max-chip-id>
</chassis-fabric-information-internal>

```

Description

<chassis-fabric-information-internal>

Usage

```

<chassis-fabric-information>
  <chassis-fabric-information-internal>
    <chassis-id>
      chassis-id
    </chassis-id>
    <min-chip-id>
      min-chip-id
    </min-chip-id>
    <max-chip-id>
      max-chip-id
    </max-chip-id>
  </chassis-fabric-information-internal>
</chassis-fabric-information>

```

Description

<chassis-fabric-information-internal>

Usage

```
<chassis-fabric-spray-weight-information>
  <chassis-fabric-information-internal>
    <chassis-id>
      chassis-id
    </chassis-id>
    <min-chip-id>
      min-chip-id
    </min-chip-id>
    <max-chip-id>
      max-chip-id
    </max-chip-id>
  </chassis-fabric-information-internal>
</chassis-fabric-spray-weight-information>
```

Description

<chassis-fabric-information-internal>

Usage

```
<chassis-fabric-information-device>
  <chassis-fabric-information-internal>
    <chassis-id>
      chassis-id
    </chassis-id>
    <min-chip-id>
      min-chip-id
    </min-chip-id>
    <max-chip-id>
      max-chip-id
    </max-chip-id>
  </chassis-fabric-information-internal>
</chassis-fabric-information-device>
```

Description

<chassis-fabric-links>

Usage

```
<chassis-fabric-links>
  <src-link>
    src-link
  </src-link>
  <dst-link>
    dst-link
  </dst-link>
  <hw-status>
    hw-status
  </hw-status>
</chassis-fabric-links>
```

Description**<chassis-fabric-links>****Usage**

```
<chassis-fabric-information>
  <chassis-fabric-links>
    <src-link>
      src-link
    </src-link>
    <dst-link>
      dst-link
    </dst-link>
    <hw-status>
      hw-status
    </hw-status>
  </chassis-fabric-links>
</chassis-fabric-information>
```

Description**<chassis-fabric-links-header>****Usage**

```
<chassis-fabric-links-header>
  <fm-space-tab>
    fm-space-tab
  </fm-space-tab>
</chassis-fabric-links-header>
```

Description**<chassis-fabric-links-header>****Usage**

```
<chassis-fabric-information>
  <chassis-fabric-links-header>
    <fm-space-tab>
      fm-space-tab
    </fm-space-tab>
  </chassis-fabric-links-header>
</chassis-fabric-information>
```

Description**<chassis-fabric-spray-weight-card-information>****Usage**

```
<chassis-fabric-spray-weight-card-information>
  <card-pos>
    card-pos
  </card-pos>
  <card-slot>
    card-slot
  </card-slot>
</chassis-fabric-spray-weight-card-information>
```

```
</card-slot>
<card-type>
  card-type
</card-type>
</chassis-fabric-spray-weight-card-information>
```

Description

<chassis-fabric-spray-weight-card-information>

Usage

```
<chassis-fabric-spray-weight-information>
  <chassis-fabric-spray-weight-card-information>
    <card-pos>
      card-pos
    </card-pos>
    <card-slot>
      card-slot
    </card-slot>
    <card-type>
      card-type
    </card-type>
  </chassis-fabric-spray-weight-card-information>
</chassis-fabric-spray-weight-information>
```

Description

<chassis-fabric-spray-weight-chip-information>

Usage

```
<chassis-fabric-spray-weight-chip-information>
  <chip-num>
    chip-num
  </chip-num>
  <chip-type>
    chip-type
  </chip-type>
</chassis-fabric-spray-weight-chip-information>
```

Description

<chassis-fabric-spray-weight-chip-information>

Usage

```
<chassis-fabric-spray-weight-information>
  <chassis-fabric-spray-weight-chip-information>
    <chip-num>
      chip-num
    </chip-num>
    <chip-type>
      chip-type
    </chip-type>
  </chassis-fabric-spray-weight-chip-information>
```


</chassis-fabric-spray-weight-information>

Description

<chassis-fabric-spray-weight-chip-information-internal>

Usage

```
<chassis-fabric-spray-weight-chip-information-internal>
  <chip-id>
    chip-id
  </chip-id>
  <chip-type>
    chip-type
  </chip-type>
</chassis-fabric-spray-weight-chip-information-internal>
```

Description

<chassis-fabric-spray-weight-chip-information-internal>

Usage

```
<chassis-fabric-spray-weight-information>
  <chassis-fabric-spray-weight-chip-information-internal>
    <chip-id>
      chip-id
    </chip-id>
    <chip-type>
      chip-type
    </chip-type>
  </chassis-fabric-spray-weight-chip-information-internal>
</chassis-fabric-spray-weight-information>
```

Description

<chassis-fabric-spray-weight-cumulative>

Usage

```
<chassis-fabric-spray-weight-cumulative>
  <vpfe-id>
    vpfe-id
  </vpfe-id>
  <spray-cumulative-weight>
    spray-cumulative-weight
  </spray-cumulative-weight>
  <spray-max-links-to-destination>
    spray-max-links-to-destination
  </spray-max-links-to-destination>
  <spray-destination-mask>
    spray-destination-mask
  </spray-destination-mask>
</chassis-fabric-spray-weight-cumulative>
```

Description**<chassis-fabric-spray-weight-cumulative>****Usage**

```
<chassis-fabric-spray-weight-information>
  <chassis-fabric-spray-weight-cumulative>
    <vpfe-id>
      vpfe-id
    </vpfe-id>
    <spray-cumulative-weight>
      spray-cumulative-weight
    </spray-cumulative-weight>
    <spray-max-links-to-destination>
      spray-max-links-to-destination
    </spray-max-links-to-destination>
    <spray-destination-mask>
      spray-destination-mask
    </spray-destination-mask>
  </chassis-fabric-spray-weight-cumulative>
</chassis-fabric-spray-weight-information>
```

Description**<chassis-fabric-spray-weight-information>****Usage**

```
<chassis-fabric-spray-weight-information>
  <serial-id>
    serial-id
  </serial-id>
  <chassis-type>
    chassis-type
  </chassis-type>

  <chassis-fabric-spray-weight-card-information>....</chassis-fabric-spray-weight-card-information>

  <chassis-fabric-spray-weight-chip-information>....</chassis-fabric-spray-weight-chip-information>

  <chassis-fabric-spray-weight-cumulative>....</chassis-fabric-spray-weight-cumulative>

  <chassis-fabric-information-internal>....</chassis-fabric-information-internal>

  <chassis-fabric-spray-weight-chip-information-internal>....</chassis-fabric-spray-weight-chip-information-internal>

</chassis-fabric-spray-weight-information>
```

Description**<chassis-fabric-tor-incoming-links-header>****Usage**

```
<chassis-fabric-tor-incoming-links-header>
```

```
<fm-space-tab>
  fm-space-tab
</fm-space-tab>
</chassis-fabric-tor-incoming-links-header>
```

Description

<chassis-fabric-tor-incoming-links-header>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-tor-incoming-links-header>
    <fm-space-tab>
      fm-space-tab
    </fm-space-tab>
  </chassis-fabric-tor-incoming-links-header>
</chassis-fabric-information>
```

Description

<chassis-fabric-tor-outgoing-links-header>

Usage

```
<chassis-fabric-tor-outgoing-links-header>
  <fm-space-tab>
    fm-space-tab
  </fm-space-tab>
</chassis-fabric-tor-outgoing-links-header>
```

Description

<chassis-fabric-tor-outgoing-links-header>

Usage

```
<chassis-fabric-information>
  <chassis-fabric-tor-outgoing-links-header>
    <fm-space-tab>
      fm-space-tab
    </fm-space-tab>
  </chassis-fabric-tor-outgoing-links-header>
</chassis-fabric-information>
```

Description

<chassis-inventory>

Usage

```
<chassis-inventory>
  <chassis>....</chassis>
</chassis-inventory>
```

Description

<chassis-inventory>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>....</chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-location>

Usage

```
<chassis-location>
  <chassis-location-information>....</chassis-location-information>
</chassis-location>
```

Description

<chassis-location-fpc>

Usage

```
<chassis-location-fpc>
  <chassis-location-fpc-information>....</chassis-location-fpc-information>
</chassis-location-fpc>
```

Description

<chassis-location-fpc-information>

Usage

```
<chassis-location-fpc-information>
  <global-fpc-number>
    global-fpc-number
  </global-fpc-number>
  <lcc-number>
    lcc-number
  </lcc-number>
  <local-fpc-number>
    local-fpc-number
  </local-fpc-number>
</chassis-location-fpc-information>
```

Description

<chassis-location-fpc-information>

Usage

```
<chassis-location-fpc>
  <chassis-location-fpc-information>
```

```
<global-fpc-number>
  global-fpc-number
</global-fpc-number>
<lcc-number>
  lcc-number
</lcc-number>
<local-fpc-number>
  local-fpc-number
</local-fpc-number>
</chassis-location-fpc-information>
</chassis-location-fpc>
```

Description

<chassis-location-information>

Usage

```
<chassis-location-information>
  <country-code>
    country-code
  </country-code>
  <postal-code>
    postal-code
  </postal-code>
  <npa-nxx>
    npa-nxx
  </npa-nxx>
  <latitude>
    latitude
  </latitude>
  <longitude>
    longitude
  </longitude>
  <altitude>
    altitude
  </altitude>
  <lata>
    lata
  </lata>
  <vcoord>
    vcoord
  </vcoord>
  <hcoord>
    hcoord
  </hcoord>
  <building>
    building
  </building>
  <floor>
    floor
  </floor>
  <rack>
    rack
  </rack>
```

</chassis-location-information>

Description

<chassis-location-information>

Usage

```
<chassis-location>
  <chassis-location-information>
    <country-code>
      country-code
    </country-code>
    <postal-code>
      postal-code
    </postal-code>
    <npa-nxx>
      npa-nxx
    </npa-nxx>
    <latitude>
      latitude
    </latitude>
    <longitude>
      longitude
    </longitude>
    <altitude>
      altitude
    </altitude>
    <lata>
      lata
    </lata>
    <vcoord>
      vcoord
    </vcoord>
    <hcoord>
      hcoord
    </hcoord>
    <building>
      building
    </building>
    <floor>
      floor
    </floor>
    <rack>
      rack
    </rack>
  </chassis-location-information>
</chassis-location>
```

Description

<chassis-location-information>

Usage

<multi-routing-engine-results>

```

<multi-routing-engine-item>
  <chassis-location-information>
    <country-code>
      country-code
    </country-code>
    <postal-code>
      postal-code
    </postal-code>
    <npa-nxx>
      npa-nxx
    </npa-nxx>
    <latitude>
      latitude
    </latitude>
    <longitude>
      longitude
    </longitude>
    <altitude>
      altitude
    </altitude>
    <lata>
      lata
    </lata>
    <vcoord>
      vcoord
    </vcoord>
    <hcoord>
      hcoord
    </hcoord>
    <building>
      building
    </building>
    <floor>
      floor
    </floor>
    <rack>
      rack
    </rack>
  </chassis-location-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <name>
        name
      </name>
      <version>
        version

```

```
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<firmware>....</firmware>
<chassis-sub-module>....</chassis-sub-module>
<chassis-re-disk-module>....</chassis-re-disk-module>
<chassis-re-usb-module>....</chassis-re-usb-module>
<chassis-re-dimm-module>....</chassis-re-dimm-module>
</chassis-module>
</chassis>
</chassis-inventory>
```

Description

<chassis-module>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
```



```

<i2c-information>....</i2c-information>
<firmware>....</firmware>
<chassis-sub-module>....</chassis-sub-module>
<chassis-re-disk-module>....</chassis-re-disk-module>
<chassis-re-usb-module>....</chassis-re-usb-module>
<chassis-re-dimm-module>....</chassis-re-dimm-module>
</chassis-module>
</chassis>
</firmware-information>

```

Description

<chassis-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
  <chassis-module>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
    <i2c-information>....</i2c-information>
    <firmware>....</firmware>
    <chassis-sub-module>....</chassis-sub-module>
    <chassis-re-disk-module>....</chassis-re-disk-module>
    <chassis-re-usb-module>....</chassis-re-usb-module>
    <chassis-re-dimm-module>....</chassis-re-dimm-module>
  </chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <description>
          description
        </description>
        <i2c-information>....</i2c-information>
        <firmware>....</firmware>
        <chassis-sub-module>....</chassis-sub-module>
        <chassis-re-disk-module>....</chassis-re-disk-module>
        <chassis-re-usb-module>....</chassis-re-usb-module>
        <chassis-re-dimm-module>....</chassis-re-dimm-module>
      </chassis-module>
    </chassis>
  </firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-dimm-module>

Usage

```
<chassis-inventory>
<chassis>
  <chassis-module>
    <chassis-re-dimm-module>
      <name>
        name
      </name>
      <part-number>
        part-number
      </part-number>
    </chassis-re-dimm-module>
  </chassis-module>
</chassis>
</chassis-inventory>
```

```

</part-number>
<die-rev>
  die-rev
</die-rev>
<pcb-rev>
  pcb-rev
</pcb-rev>
<mfr-id>
  mfr-id
</mfr-id>
</chassis-re-dimm-module>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<chassis-re-dimm-module>

Usage

```

<firmware-information>
<chassis>
  <chassis-module>
    <chassis-re-dimm-module>
      <name>
        name
      </name>
      <part-number>
        part-number
      </part-number>
      <die-rev>
        die-rev
      </die-rev>
      <pcb-rev>
        pcb-rev
      </pcb-rev>
      <mfr-id>
        mfr-id
      </mfr-id>
    </chassis-re-dimm-module>
  </chassis-module>
</chassis>
</firmware-information>

```

Description

<chassis-re-dimm-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <chassis-module>

```

```
<chassis-re-dimm-module>
  <name>
    name
  </name>
  <part-number>
    part-number
  </part-number>
  <die-rev>
    die-rev
  </die-rev>
  <pcb-rev>
    pcb-rev
  </pcb-rev>
  <mfr-id>
    mfr-id
  </mfr-id>
</chassis-re-dimm-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-dimm-module>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-re-dimm-module>
            <name>
              name
            </name>
            <part-number>
              part-number
            </part-number>
            <die-rev>
              die-rev
            </die-rev>
            <pcb-rev>
              pcb-rev
            </pcb-rev>
            <mfr-id>
              mfr-id
            </mfr-id>
          </chassis-re-dimm-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

</multi-routing-engine-results>

Description

<chassis-re-disk-module>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-re-disk-module>
        <name>
          name
        </name>
        <model>
          model
        </model>
        <serial-number>
          serial-number
        </serial-number>
        <disk-size>
          disk-size
        </disk-size>
        <description>
          description
        </description>
      </chassis-re-disk-module>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description

<chassis-re-disk-module>

Usage

```
<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-re-disk-module>
        <name>
          name
        </name>
        <model>
          model
        </model>
        <serial-number>
          serial-number
        </serial-number>
        <disk-size>
          disk-size
        </disk-size>
        <description>
          description
        </description>
      </chassis-re-disk-module>
    </chassis-module>
  </chassis>
</firmware-information>
```

```
</description>
</chassis-re-disk-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-re-disk-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<chassis-re-disk-module>
<name>
  name
</name>
<model>
  model
</model>
<serial-number>
  serial-number
</serial-number>
<disk-size>
  disk-size
</disk-size>
<description>
  description
</description>
</chassis-re-disk-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-disk-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<firmware-information>
<chassis>
<chassis-module>
<chassis-re-disk-module>
<name>
  name
</name>
<model>
```

```

        model
      </model>
      <serial-number>
        serial-number
      </serial-number>
      <disk-size>
        disk-size
      </disk-size>
      <description>
        description
      </description>
    </chassis-re-disk-module>
  </chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-re-usb-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-re-usb-module>
        <name>
          name
        </name>
        <product>
          product
        </product>
        <product-number>
          product-number
        </product-number>
        <vendor>
          vendor
        </vendor>
        <description>
          description
        </description>
      </chassis-re-usb-module>
    </chassis-module>
  </chassis>
</chassis-inventory>

```

Description

<chassis-re-usb-module>

Usage

```

<firmware-information>
  <chassis>

```

```
<chassis-module>
  <chassis-re-usb-module>
    <name>
      name
    </name>
    <product>
      product
    </product>
    <product-number>
      product-number
    </product-number>
    <vendor>
      vendor
    </vendor>
    <description>
      description
    </description>
  </chassis-re-usb-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-re-usb-module>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-re-usb-module>
            <name>
              name
            </name>
            <product>
              product
            </product>
            <product-number>
              product-number
            </product-number>
            <vendor>
              vendor
            </vendor>
            <description>
              description
            </description>
          </chassis-re-usb-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```


Description

<chassis-re-usb-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-re-usb-module>
            <name>
              name
            </name>
            <product>
              product
            </product>
            <product-number>
              product-number
            </product-number>
            <vendor>
              vendor
            </vendor>
            <description>
              description
            </description>
          </chassis-re-usb-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-sub-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>

```

```
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <description>
        description
      </description>
      <i2c-information>....</i2c-information>
      <firmware>....</firmware>
      <chassis-sub-sub-module>....</chassis-sub-sub-module>
    </chassis-sub-module>
  </chassis-module>
</chassis>
</chassis-inventory>
```

Description

<chassis-sub-module>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <name>
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <description>
        description
      </description>
      <i2c-information>....</i2c-information>
      <firmware>....</firmware>
      <chassis-sub-sub-module>....</chassis-sub-sub-module>
    </chassis-sub-module>
  </chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-sub-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <name>
              name
            </name>
            <version>
              version
            </version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <description>
              description
            </description>
            <i2c-information>....</i2c-information>
            <firmware>....</firmware>
            <chassis-sub-sub-module>....</chassis-sub-sub-module>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-sub-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <name>
              name

```

```
</name>
<version>
  version
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<firmware>....</firmware>
<chassis-sub-sub-module>....</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-sub-sub-module>

Usage

```
<chassis-inventory>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <chassis-sub-sub-module>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
```

```

        clei-code
      </clei-code>
      <description>
        description
      </description>
      <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
    </chassis-sub-sub-module>
  </chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<chassis-sub-sub-module>

Usage

```

<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <chassis-sub-sub-module>
          <name>
            name
          </name>
          <version>
            version
          </version>
          <part-number>
            part-number
          </part-number>
          <serial-number>
            serial-number
          </serial-number>
          <model-number>
            model-number
          </model-number>
          <clei-code>
            clei-code
          </clei-code>
          <description>
            description
          </description>
          <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
        </chassis-sub-sub-module>
      </chassis-sub-module>
    </chassis-module>
  </chassis>
</firmware-information>

```

Description

<chassis-sub-sub-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <chassis-sub-sub-module>
            <name>
              name
            </name>
            <version>
              version
            </version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <description>
              description
            </description>
            <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
          </chassis-sub-sub-module>
        </chassis-sub-module>
      </chassis-module>
    </chassis>
  </chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-sub-sub-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <chassis-sub-sub-module>
            <name>
              name
            </name>
```

```

<version>
  version
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-sub-sub-sub-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <chassis-sub-sub-module>
          <chassis-sub-sub-sub-module>
            <name>
              name
            </name>
            <version>
              version
            </version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code

```

```
        </clei-code>
        <description>
            description
        </description>
    </chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
```

Description

<chassis-sub-sub-sub-module>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <chassis-sub-sub-module>
        <chassis-sub-sub-sub-module>
          <name>
            name
          </name>
          <version>
            version
          </version>
          <part-number>
            part-number
          </part-number>
          <serial-number>
            serial-number
          </serial-number>
          <model-number>
            model-number
          </model-number>
          <clei-code>
            clei-code
          </clei-code>
          <description>
            description
          </description>
        </chassis-sub-sub-sub-module>
      </chassis-sub-sub-module>
    </chassis-sub-module>
  </chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-sub-sub-sub-module>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <chassis-sub-sub-module>
              <chassis-sub-sub-sub-module>
                <name>
                  name
                </name>
                <version>
                  version
                </version>
                <part-number>
                  part-number
                </part-number>
                <serial-number>
                  serial-number
                </serial-number>
                <model-number>
                  model-number
                </model-number>
                <clei-code>
                  clei-code
                </clei-code>
                <description>
                  description
                </description>
              </chassis-sub-sub-sub-module>
            </chassis-sub-sub-module>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<chassis-sub-sub-sub-module>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <chassis-sub-sub-module>
              <chassis-sub-sub-sub-module>
                <name>

```

```
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <description>
        description
      </description>
    </chassis-sub-sub-sub-module>
  </chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-zones-information>

Usage

```
<chassis-zones-information>
  <name>
    name
  </name>
  <temperature>
    temperature
  </temperature>
  <zone-status>
    zone-status
  </zone-status>
  <comment>
    comment
  </comment>
  <fan-missing-cnt>
    fan-missing-cnt
  </fan-missing-cnt>
  <fan-failed-cnt>
    fan-failed-cnt
  </fan-failed-cnt>
  <fan-dutycycle>
    fan-dutycycle
  </fan-dutycycle>
```

```

</fan-dutycycle>
<fru-name>
  fru-name
</fru-name>
<cooling-fru-name>
  cooling-fru-name
</cooling-fru-name>
<fru-temp-status>
  fru-temp-status
</fru-temp-status>
<fru-fan-status>
  fru-fan-status
</fru-fan-status>
<fru-status>
  fru-status
</fru-status>
<fru-temperature>
  fru-temperature
</fru-temperature>
<fru-comment>
  fru-comment
</fru-comment>
<cooled-frus>....</cooled-frus>
<cooling-frus>....</cooling-frus>
</chassis-zones-information>

```

Description Show chassis cooling zones

<chassisd-database-memory-usage>

Usage

```

<chassisd-database-memory-usage>
  <database-memory-usage>....</database-memory-usage>
</chassisd-database-memory-usage>

```

Description

<chassisd-database-memory-usage>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassisd-database-memory-usage>
      <database-memory-usage>....</database-memory-usage>
    </chassisd-database-memory-usage>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<clock-synchronization>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <clock-fru>
      clock-fru
    </clock-fru>
    <mastership-state>
      mastership-state
    </mastership-state>
    <signal-type>
      signal-type
    </signal-type>
    <switching-mode>
      switching-mode
    </switching-mode>
    <line-termination>
      line-termination
    </line-termination>
    <transmit>
      transmit
    </transmit>
    <validation-interval>
      validation-interval
    </validation-interval>
    <automatic-switching>
      automatic-switching
    </automatic-switching>
    <marked-as-failed-source-list>....</marked-as-failed-source-list>
    <synchronization-source-list>....</synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<clock-synchronization-information>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>....</clock-synchronization>
</clock-synchronization-information>
```

Description

<configured-source>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <configured-source-list>
        <configured-source>
          <source-priority>
```

```

        source-priority
      </source-priority>
      <source-name>
        source-name
      </source-name>
      <deviation>
        deviation
      </deviation>
      <last-deviation>
        last-deviation
      </last-deviation>
      <status>
        status
      </status>
    </configured-source>
  </configured-source-list>
</synchronization-source-list>
</clock-synchronization>
</clock-synchronization-information>

```

Description

<configured-source-list>

Usage

```

<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <configured-source-list>
        <configured-source>....</configured-source>
      </configured-source-list>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>

```

Description

<controller-information>

Usage

```

<poe>
  <controller-information>
    <controller-number>
      controller-number
    </controller-number>
    <controller-firmware-available>
      controller-firmware-available
    </controller-firmware-available>
    <controller-maxpower>
      controller-maxpower
    </controller-maxpower>
    <controller-power>
      controller-power
    </controller-power>
  </controller-information>
</poe>

```

```
<controller-asterisk>
  controller-asterisk
</controller-asterisk>
<controller-guardband>
  controller-guardband
</controller-guardband>
<controller-management>
  controller-management
</controller-management>
<controller-status>
  controller-status
</controller-status>
</controller-information>
</poe>
```

Description

<cooled-frus>

Usage

```
<chassis-zones-information>
  <cooled-frus>
</cooled-frus>
</chassis-zones-information>
```

Description

<cooling-frus>

Usage

```
<chassis-zones-information>
  <cooling-frus>
</cooling-frus>
</chassis-zones-information>
```

Description

<craft-information>

Usage

```
<craft-information>
  <front-panel>.....</front-panel>
  <recb-panel>.....</recb-panel>
  <mcs-panel>.....</mcs-panel>
  <sfm-panel>.....</sfm-panel>
  <pcg-panel>.....</pcg-panel>
  <cb-panel>.....</cb-panel>
  <sib-panel>.....</sib-panel>
  <scg-panel>.....</scg-panel>
  <feb-panel>.....</feb-panel>
  <power-supply-panel>.....</power-supply-panel>
  <fan-tray-panel>.....</fan-tray-panel>
  <output>
    output
```

```

</output>
</craft-information>

```

Description Information from the craft interface and, if applicable, the state of the status LEDs on the front panels of other components installed in the chassis

<current-source>

Usage

```

<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <current-source>
        <clock-state>
          clock-state
        </clock-state>
        <up-time>
          up-time
        </up-time>
        <active-time>
          active-time
        </active-time>
        <deviation>
          deviation
        </deviation>
        <last-deviation>
          last-deviation
        </last-deviation>
      </current-source>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>

```

Description

<database-memory-usage>

Usage

```

<database-memory-usage>
  <database-size>
    database-size
  </database-size>
  <database-allocated-size>
    database-allocated-size
  </database-allocated-size>
  <database-free-size>
    database-free-size
  </database-free-size>
</database-memory-usage>

```

Description

<database-memory-usage>

Usage

```
<chassisd-database-memory-usage>
  <database-memory-usage>
    <database-size>
      database-size
    </database-size>
    <database-allocated-size>
      database-allocated-size
    </database-allocated-size>
    <database-free-size>
      database-free-size
    </database-free-size>
  </database-memory-usage>
</chassisd-database-memory-usage>
```

Description

<database-memory-usage>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassisd-database-memory-usage>
      <database-memory-usage>
        <database-size>
          database-size
        </database-size>
        <database-allocated-size>
          database-allocated-size
        </database-allocated-size>
        <database-free-size>
          database-free-size
        </database-free-size>
      </database-memory-usage>
    </chassisd-database-memory-usage>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<dc-detail>

Usage

```
<environment-component-information>
  <environment-component-item>
    <dc-information>
      <dc-detail>
        <dc-device>
          dc-device
        </dc-device>
        <dc-voltage>
          dc-voltage
        </dc-voltage>
      </dc-detail>
    </dc-information>
  </environment-component-item>
</environment-component-information>
```



```

</dc-voltage>
<dc-current>
  dc-current
</dc-current>
<dc-power>
  dc-power
</dc-power>
<dc-load>
  dc-load
</dc-load>
</dc-detail>
</dc-information>
</environment-component-item>
</environment-component-information>

```

Description Detailed DC information

<dc-detail2>

Usage

```

<environment-component-information>
  <environment-component-item>
    <dc-information>
      <dc-detail2>
        <dc-device2>
          dc-device2
        </dc-device2>
        <dc-voltage-string>
          dc-voltage-string
        </dc-voltage-string>
        <dc-current-string>
          dc-current-string
        </dc-current-string>
        <dc-power-string>
          dc-power-string
        </dc-power-string>
        <dc-load-string>
          dc-load-string
        </dc-load-string>
      </dc-detail2>
    </dc-information>
  </environment-component-item>
</environment-component-information>

```

Description Detailed DC information

<dc-information>

Usage

```

<environment-component-information>
  <environment-component-item>
    <dc-information>
      <dc-input>

```

```
    dc-input
  </dc-input>
  <dc-output>
    dc-output
  </dc-output>
  <dc-detail>....</dc-detail>
  <dc-detail2>....</dc-detail2>
</dc-information>
</environment-component-item>
</environment-component-information>
```

Description

<dc-input-detail>

Usage

```
<power-usage-information>
<power-usage-item>
  <dc-input-detail>
    <dc-input>
      dc-input
    </dc-input>
    <reference-voltage>
      reference-voltage
    </reference-voltage>
    <actual-voltage>
      actual-voltage
    </actual-voltage>
    <dc-expect-feed>
      dc-expect-feed
    </dc-expect-feed>
    <dc-actual-feed>
      dc-actual-feed
    </dc-actual-feed>
  </dc-input-detail>
</power-usage-item>
</power-usage-information>
```

Description

<dc-output-detail>

Usage

```
<power-usage-information>
<power-usage-item>
  <dc-output-detail>
    <dc-voltage>
      dc-voltage
    </dc-voltage>
    <dc-current>
      dc-current
    </dc-current>
    <dc-power>
      dc-power
```

```

</dc-power>
<dc-load>
  dc-load
</dc-load>
<zone>
  zone
</zone>
</dc-output-detail>
</power-usage-item>
</power-usage-information>

```

Description**<display-line>****Usage**

```

<display-panel>
  <display-line>
</display-line>
</display-panel>

```

Description Single line of text currently appearing on the craft interface display

<display-line>**Usage**

```

<front-panel>
  <display-panel>
    <display-line>
  </display-line>
  </display-panel>
</front-panel>

```

Description Single line of text currently appearing on the craft interface display

<display-line>**Usage**

```

<craft-information>
  <front-panel>
    <display-panel>
      <display-line>
    </display-line>
    </display-panel>
  </front-panel>
</craft-information>

```

Description Single line of text currently appearing on the craft interface display

<display-panel>

Usage

```
<display-panel>
  <display-line>....</display-line>
</display-panel>
```

Description Text currently appearing on the craft interface display

<display-panel>

Usage

```
<front-panel>
  <display-panel>
    <display-line>....</display-line>
  </display-panel>
</front-panel>
```

Description Text currently appearing on the craft interface display

<display-panel>

Usage

```
<craft-information>
  <front-panel>
    <display-panel>
      <display-line>....</display-line>
    </display-panel>
  </front-panel>
</craft-information>
```

Description Text currently appearing on the craft interface display

<display-panel-lcd>

Usage

```
<front-panel-lcd>
  <display-panel-lcd>
    <display-row-1>
      display-row-1
    </display-row-1>
    <display-row-2>
      display-row-2
    </display-row-2>
  </display-panel-lcd>
</front-panel-lcd>
```

Description Text currently appearing on the LCD interface display

<display-panel-lcd>**Usage**

```

<get-craft-information-lcd>
  <front-panel-lcd>
    <display-panel-lcd>
      <display-row-1>
        display-row-1
      </display-row-1>
      <display-row-2>
        display-row-2
      </display-row-2>
    </display-panel-lcd>
  </front-panel-lcd>
</get-craft-information-lcd>

```

Description Text currently appearing on the LCD interface display

<display-panel-lcd>**Usage**

```

<get-craft-information-lcd>
  <display-panel-lcd>
    <display-row-1>
      display-row-1
    </display-row-1>
    <display-row-2>
      display-row-2
    </display-row-2>
  </display-panel-lcd>
</get-craft-information-lcd>

```

Description Text currently appearing on the LCD interface display

<environment-component-information>**Usage**

```

<environment-component-information>
  <environment-component-item>....</environment-component-item>
</environment-component-information>

```

Description**<environment-component-item>****Usage**

```

<environment-component-information>
  <environment-component-item>
    <name>
      name
    </name>
    <state>

```

```
    state
  </state>
  <temperature-reading>....</temperature-reading>
  <bus-revision>
    bus-revision
  </bus-revision>
  <cmb-revision>
    cmb-revision
  </cmb-revision>
  <fpga-revision>
    fpga-revision
  </fpga-revision>
  <fpga-revision-detail>....</fpga-revision-detail>
  <slave-revision>
    slave-revision
  </slave-revision>
  <reason>
    reason
  </reason>
  <revision>....</revision>
  <slave-registers-information>....</slave-registers-information>
  <fpga-registers>....</fpga-registers>
  <power-information>....</power-information>
  <frequency>
    frequency
  </frequency>
  <pcg-frequency>....</pcg-frequency>
  <dc-information>....</dc-information>
  <load>
    load
  </load>
  <ac-input>
    ac-input
  </ac-input>
  <airflow-direction>....</airflow-direction>
  <input-voltage>....</input-voltage>
  <output-detail>....</output-detail>
</environment-component-item>
</environment-component-information>
```

Description Chassis environment component

<environment-information>

Usage

```
<environment-information>
  <environment-item>....</environment-item>
</environment-information>
```

Description

<environment-information>**Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <environment-information>
      <environment-item>....</environment-item>
    </environment-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<environment-item>****Usage**

```
<environment-information>
  <environment-item>
    <class>
      class
    </class>
    <name>
      name
    </name>
    <status>
      status
    </status>
    <temperature>
      temperature
    </temperature>
    <comment>
      comment
    </comment>
  </environment-item>
</environment-information>
```

Description**<environment-item>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <environment-information>
      <environment-item>
        <class>
          class
        </class>
        <name>
          name
        </name>
        <status>
          status
        </status>
```

```
<temperature>
  temperature
</temperature>
<comment>
  comment
</comment>
</environment-item>
</environment-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fan-information>

Usage

```
<fan-information>
  <name>
    name
  </name>
  <status>
    status
  </status>
  <rpm>
    rpm
  </rpm>
  <comment>
    comment
  </comment>
  <fan-information-item>....</fan-information-item>
</fan-information>
```

Description

<fan-information-item>

Usage

```
<fan-information>
  <fan-information-item>
</fan-information-item>
</fan-information>
```

Description

<fan-tray>

Usage

```
<fan-tray-panel>
  <fan-tray>
    <slot>
      slot
    </slot>
    <red-led>
      red-led
```



```
</red-led>  
<green-led>  
  green-led  
</green-led>  
</fan-tray>  
</fan-tray-panel>
```

Description State of the status LEDs on the craft interface for a fan tray

<fan-tray>

Usage

```
<craft-information>  
  <fan-tray-panel>  
    <fan-tray>  
      <slot>  
        slot  
      </slot>  
      <red-led>  
        red-led  
      </red-led>  
      <green-led>  
        green-led  
      </green-led>  
    </fan-tray>  
  </fan-tray-panel>  
</craft-information>
```

Description State of the status LEDs on the craft interface for a fan tray

<fan-tray-panel>

Usage

```
<fan-tray-panel>  
  <fan-tray>....</fan-tray>  
</fan-tray-panel>
```

Description State of status LEDs on the craft interface for Fan Trays

<fan-tray-panel>

Usage

```
<craft-information>  
  <fan-tray-panel>  
    <fan-tray>....</fan-tray>  
  </fan-tray-panel>  
</craft-information>
```

Description State of status LEDs on the craft interface for Fan Trays

<feb>

Usage

```
<feb-panel>
  <feb>
    <slot>
      slot
    </slot>
    <ok-led>
      ok-led
    </ok-led>
    <fail-led>
      fail-led
    </fail-led>
    <active-led>
      active-led
    </active-led>
  </feb>
</feb-panel>
```

Description State of the status LEDs on the faceplate of a Forwarding Engine Board

<feb>

Usage

```
<craft-information>
  <feb-panel>
    <feb>
      <slot>
        slot
      </slot>
      <ok-led>
        ok-led
      </ok-led>
      <fail-led>
        fail-led
      </fail-led>
      <active-led>
        active-led
      </active-led>
    </feb>
  </feb-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of a Forwarding Engine Board

<feb-led>

Usage

```
<feb-led-information>
  <feb-led>
    <feb-slot>
```

```

    feb-slot
  </feb-slot>
  <feb-state>
    feb-state
  </feb-state>
  <feb-ok-led>
    feb-ok-led
  </feb-ok-led>
  <feb-fail-led>
    feb-fail-led
  </feb-fail-led>
  <feb-active-led>
    feb-active-led
  </feb-active-led>
  <connectivity-led0>
    connectivity-led0
  </connectivity-led0>
  <connectivity-led1>
    connectivity-led1
  </connectivity-led1>
  <connectivity-led2>
    connectivity-led2
  </connectivity-led2>
  <connectivity-led3>
    connectivity-led3
  </connectivity-led3>
  <connectivity-led4>
    connectivity-led4
  </connectivity-led4>
  <connectivity-led5>
    connectivity-led5
  </connectivity-led5>
</feb-led>
</feb-led-information>

```

Description**<feb-led-information>****Usage**

```

<feb-led-information>
  <feb-led>....</feb-led>
</feb-led-information>

```

Description Information about the LEDs on the Forwarding Engine Board**<feb-panel>****Usage**

```

<feb-panel>
  <feb>....</feb>
</feb-panel>

```

Description State of the status LEDs on the faceplate of one or more Forwarding Engine Boards

<feb-panel>

Usage

```
<craft-information>
  <feb-panel>
    <feb>....</feb>
  </feb-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more Forwarding Engine Boards

<feb-redundancy-error-information>

Usage

```
<feb-redundancy-error-information>
  <feb-redundancy-group-errors>....</feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

Description FEB redundancy error information

<feb-redundancy-group-errors>

Usage

```
<feb-redundancy-error-information>
  <feb-redundancy-group-errors>
    <feb-redundancy-group-name>
      feb-redundancy-group-name
    </feb-redundancy-group-name>
    <feb-redundancy-group-description>
      feb-redundancy-group-description
    </feb-redundancy-group-description>
    <feb-redundancy-group-feb-errors>....</feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

Description FEB redundancy error information for a FEB group

<feb-redundancy-group-feb-errors>

Usage

```
<feb-redundancy-error-information>
  <feb-redundancy-group-errors>
    <feb-redundancy-group-feb-errors>
      <feb-slot>
        feb-slot
      </feb-slot>
      <feb-state>
        feb-state
      </feb-state>
    </feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

```

    <feb-harderror-state>
      feb-harderror-state
    </feb-harderror-state>

    <feb-redundancy-group-feb-fpc-errors>....</feb-redundancy-group-feb-fpc-errors>

    <feb-redundancy-group-feb-fabric-plane-errors>....</feb-redundancy-group-feb-fabric-plane-errors>

    </feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>

```

Description FEB redundancy error information for a FEB

<feb-redundancy-group-feb-fabric-plane-errors>

Usage

```

    <feb-redundancy-error-information>
      <feb-redundancy-group-errors>
        <feb-redundancy-group-feb-errors>
          <feb-redundancy-group-feb-fabric-plane-errors>
            <fabric-plane-number>
              fabric-plane-number
            </fabric-plane-number>
            <fabric-plane-status>
              fabric-plane-status
            </fabric-plane-status>
          </feb-redundancy-group-feb-fabric-plane-errors>
        </feb-redundancy-group-feb-errors>
      </feb-redundancy-group-errors>
    </feb-redundancy-error-information>

```

Description FEB redundancy error information for a fabric plane

<feb-redundancy-group-feb-fpc-errors>

Usage

```

    <feb-redundancy-error-information>
      <feb-redundancy-group-errors>
        <feb-redundancy-group-feb-errors>
          <feb-redundancy-group-feb-fpc-errors>
            <fpc-slot>
              fpc-slot
            </fpc-slot>
            <fpc-link-status>
              fpc-link-status
            </fpc-link-status>
          </feb-redundancy-group-feb-fpc-errors>
        </feb-redundancy-group-feb-errors>
      </feb-redundancy-group-errors>
    </feb-redundancy-error-information>

```

Description FEB redundancy error information for an FPC

<feb-redundancy-group-information>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>
    <feb-redundancy-group-name>
      feb-redundancy-group-name
    </feb-redundancy-group-name>
    <feb-redundancy-group-description>
      feb-redundancy-group-description
    </feb-redundancy-group-description>

    <feb-redundancy-group-information-item>....</feb-redundancy-group-information-item>

    <feb-redundancy-autofailover>
      feb-redundancy-autofailover
    </feb-redundancy-autofailover>
    <feb-redundancy-switch-reason>
      feb-redundancy-switch-reason
    </feb-redundancy-switch-reason>
  </feb-redundancy-group-information>
</feb-redundancy-information>
```

Description FEB redundancy information for a redundancy group

<feb-redundancy-group-information-item>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>
    <feb-redundancy-group-information-item>
      <feb-slot>
        feb-slot
      </feb-slot>
      <feb-state>
        feb-state
      </feb-state>
      <redundancy-priority>
        redundancy-priority
      </redundancy-priority>
      <connected-fpcs>
        connected-fpcs
      </connected-fpcs>
      <redundancy-state>
        redundancy-state
      </redundancy-state>
      <redundancy-state-description>
        redundancy-state-description
      </redundancy-state-description>
    </feb-redundancy-group-information-item>
  </feb-redundancy-group-information>
```

</feb-redundancy-information>

Description FEB redundancy information for a FEB

<feb-redundancy-information>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>....</feb-redundancy-group-information>
</feb-redundancy-information>
```

Description FEB redundancy information

<firmware>

Usage

```
<firmware>
  <type>
    type
  </type>
  <firmware-version>
    firmware-version
  </firmware-version>
</firmware>
```

Description

<firmware>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <firmware>
        <type>
          type
        </type>
        <firmware-version>
          firmware-version
        </firmware-version>
      </firmware>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description

<firmware>

Usage

```
<chassis-inventory>
```

```
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <firmware>
        <type>
          type
        </type>
        <firmware-version>
          firmware-version
        </firmware-version>
      </firmware>
    </chassis-sub-module>
  </chassis-module>
</chassis>
</chassis-inventory>
```

Description

<firmware>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <firmware>
      <type>
        type
      </type>
      <firmware-version>
        firmware-version
      </firmware-version>
    </firmware>
  </chassis-module>
</chassis>
</firmware-information>
```

Description

<firmware>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <firmware>
        <type>
          type
        </type>
        <firmware-version>
          firmware-version
        </firmware-version>
      </firmware>
    </chassis-sub-module>
```



```

    </chassis-module>
  </chassis>
</firmware-information>

```

Description**<firmware>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <firmware>
            <type>
              type
            </type>
            <firmware-version>
              firmware-version
            </firmware-version>
          </firmware>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<firmware>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <firmware>
              <type>
                type
              </type>
              <firmware-version>
                firmware-version
              </firmware-version>
            </firmware>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<firmware>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <firmware>
            <type>
              type
            </type>
            <firmware-version>
              firmware-version
            </firmware-version>
          </firmware>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<firmware>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <firmware>
              <type>
                type
              </type>
              <firmware-version>
                firmware-version
              </firmware-version>
            </firmware>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<firmware-information>**Usage**

```
<firmware-information>
<chassis>....</chassis>
</firmware-information>
```

Description Information about component firmware versions

<firmware-information>**Usage**

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>....</chassis>
  </firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Information about component firmware versions

<firmware-version-mismatch>**Usage**

```
<firmware-version-mismatch>
<routing-engine-software-version>
  routing-engine-software-version
</routing-engine-software-version>
<jfirmware-version>
  jfirmware-version
</jfirmware-version>
</firmware-version-mismatch>
```

Description Firmware version mismatch warning

<firmware-version-mismatch>**Usage**

```
<system-firmware-compatibility-information>
<firmware-version-mismatch>
<routing-engine-software-version>
  routing-engine-software-version
</routing-engine-software-version>
<jfirmware-version>
  jfirmware-version
</jfirmware-version>
</firmware-version-mismatch>
</system-firmware-compatibility-information>
```

Description Firmware version mismatch warning

<firmware-version-mismatch>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <firmware-version-mismatch>
        <routing-engine-software-version>
          routing-engine-software-version
        </routing-engine-software-version>
        <jfirmware-version>
          jfirmware-version
        </jfirmware-version>
      </firmware-version-mismatch>
    </system-firmware-compatibility-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware version mismatch warning

<fm-first-error-ln>

Usage

```
<fm-fru-errors>
  <fm-first-error-ln>
    <fm-first-error-time>
      fm-first-error-time
    </fm-first-error-time>
    <fm-first-error-detail>
      fm-first-error-detail
    </fm-first-error-detail>
  </fm-first-error-ln>
</fm-fru-errors>
```

Description

<fm-fpc-ln>

Usage

```
<fm-fpc-state-information>
  <fm-fpc-ln>
    <slot>
      slot
    </slot>
    <fm-pfe-ln>....</fm-pfe-ln>
  </fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-fpc-ln>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <slot>
          slot
        </slot>
        <fm-pfe-ln>....</fm-pfe-ln>
      </fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<fm-fpc-state-information>****Usage**

```

<fm-fpc-state-information>
  <fm-fpc-ln>....</fm-fpc-ln>
</fm-fpc-state-information>

```

Description**<fm-fpc-state-information>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>....</fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<fm-fru-errors>****Usage**

```

<fm-fru-errors>
  <fm-fru-first-error-header>
    fm-fru-first-error-header
  </fm-fru-first-error-header>
  <fm-fru-last-error-header>
    fm-fru-last-error-header
  </fm-fru-last-error-header>
  <fm-first-error-ln>....</fm-first-error-ln>
  <fm-last-error-ln>....</fm-last-error-ln>

```

</fm-fru-errors>

Description

<fm-last-error-ln>

Usage

```
<fm-fru-errors>
  <fm-last-error-ln>
    <fm-last-error-time>
      fm-last-error-time
    </fm-last-error-time>
    <fm-last-error-detail>
      fm-last-error-detail
    </fm-last-error-detail>
  </fm-last-error-ln>
</fm-fru-errors>
```

Description

<fm-pfe-ln>

Usage

```
<fm-fpc-state-information>
  <fm-fpc-ln>
    <fm-pfe-ln>
      <pfe-slot>
        pfe-slot
      </pfe-slot>
      <fm-sib-ln>....</fm-sib-ln>
      <fm-plane-ln>....</fm-plane-ln>
    </fm-pfe-ln>
  </fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-pfe-ln>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <fm-pfe-ln>
          <pfe-slot>
            pfe-slot
          </pfe-slot>
          <fm-sib-ln>....</fm-sib-ln>
          <fm-plane-ln>....</fm-plane-ln>
        </fm-pfe-ln>
      </fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
```

```
</multi-routing-engine-results>
```

Description

<fm-plane-ln>

Usage

```
<fm-fpc-state-information>
  <fm-fpc-ln>
    <fm-pfe-ln>
      <fm-plane-ln>
        <plane-slot>
          plane-slot
        </plane-slot>
        <plane-fm-state>
          plane-fm-state
        </plane-fm-state>
      </fm-plane-ln>
    </fm-pfe-ln>
  </fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-plane-ln>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <fm-pfe-ln>
          <fm-plane-ln>
            <plane-slot>
              plane-slot
            </plane-slot>
            <plane-fm-state>
              plane-fm-state
            </plane-fm-state>
          </fm-plane-ln>
        </fm-pfe-ln>
      </fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-plane-location>

Usage

```
<fm-plane-location-information>
  <fm-plane-location>
    <plane-slot>
```

```
    plane-slot
  </plane-slot>
  <cb-slot>
    cb-slot
  </cb-slot>
  <plane>
    plane
  </plane>
  <sib-f13-slot>
    sib-f13-slot
  </sib-f13-slot>
  <sib-f2-slot>
    sib-f2-slot
  </sib-f2-slot>
  <sib-l-slot>
    sib-l-slot
  </sib-l-slot>
</fm-plane-location>
</fm-plane-location-information>
```

Description

<fm-plane-location-information>

Usage

```
<fm-plane-location-information>
  <fm-plane-location>....</fm-plane-location>
</fm-plane-location-information>
```

Description

<fm-plane-state-information>

Usage

```
<fm-plane-state-information>
  <fabric-header>
    fabric-header
  </fabric-header>
  <fmp-plane>....</fmp-plane>
</fm-plane-state-information>
```

Description

<fm-sib-ln>

Usage

```
<fm-fpc-state-information>
  <fm-fpc-ln>
    <fm-pfe-ln>
      <fm-sib-ln>
        <sib-slot>
          sib-slot
        </sib-slot>
      <sib-fm-state>
```



```

        sib-fm-state
      </sib-fm-state>
    </fm-sib-ln>
  </fm-pfe-ln>
</fm-fpc-ln>
</fm-fpc-state-information>

```

Description

<fm-sib-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <fm-pfe-ln>
          <fm-sib-ln>
            <sib-slot>
              sib-slot
            </sib-slot>
            <sib-fm-state>
              sib-fm-state
            </sib-fm-state>
          </fm-sib-ln>
        </fm-pfe-ln>
      </fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-sib-state-information>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>....</fms-sib-ln>
</fm-sib-state-information>

```

Description

<fm-sib-state-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>....</fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-state-information>

Usage

```
<fm-state-information>
  <fm-state-item>....</fm-state-item>
</fm-state-information>
```

Description

<fm-state-item>

Usage

```
<fm-state-information>
  <fm-state-item>
    <plane-slot>
      plane-slot
    </plane-slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
  </fm-state-item>
</fm-state-information>
```

Description

<fm-topo-link>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-sib>
      fm-topo-sib
    </fm-topo-sib>
    <fm-topo-dbl-line>
      fm-topo-dbl-line
    </fm-topo-dbl-line>
    <fm-topo-fail-msg>
      fm-topo-fail-msg
    </fm-topo-fail-msg>
    <fm-topo-link-details>....</fm-topo-link-details>
    <fm-topo-link-information>....</fm-topo-link-information>
    <fm-topo-link-information-sgl>....</fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-sib>
          fm-topo-sib
        </fm-topo-sib>
        <fm-topo-dbl-line>
          fm-topo-dbl-line
        </fm-topo-dbl-line>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
        <fm-topo-link-details>....</fm-topo-link-details>
        <fm-topo-link-information>....</fm-topo-link-information>
        <fm-topo-link-information-sgl>....</fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-des>

Usage

```

<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-des>
      <fm-topo-link-des-in>
        fm-topo-link-des-in
      </fm-topo-link-des-in>
      <fm-topo-link-des-out>
        fm-topo-link-des-out
      </fm-topo-link-des-out>
      <hsl2-state-des>
        hsl2-state-des
      </hsl2-state-des>
    </fm-topo-link-des>
  </fm-topo-link-src-des>
</fm-topology>

```

Description

<fm-topo-link-des>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link-src-des>

```

```
<fm-topo-link-des>
  <fm-topo-link-des-in>
    fm-topo-link-des-in
  </fm-topo-link-des-in>
  <fm-topo-link-des-out>
    fm-topo-link-des-out
  </fm-topo-link-des-out>
  <hsl2-state-des>
    hsl2-state-des
  </hsl2-state-des>
</fm-topo-link-des>
</fm-topo-link-src-des>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-type>
        fm-topo-link-type
      </fm-topo-link-type>
      <fm-topo-sib-source>
        fm-topo-sib-source
      </fm-topo-sib-source>
      <fm-topo-sib-dest>
        fm-topo-sib-dest
      </fm-topo-sib-dest>
      <source-pfe-xc-link>
        source-pfe-xc-link
      </source-pfe-xc-link>
      <dest-pfe-xc-link>
        dest-pfe-xc-link
      </dest-pfe-xc-link>
      <vcSEL-status>
        vcSEL-status
      </vcSEL-status>
      <hsl2-channel>
        hsl2-channel
      </hsl2-channel>
      <hsl2-status>
        hsl2-status
      </hsl2-status>
      <fm-topo-link-in-out>....</fm-topo-link-in-out>
      <fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
      <fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
      <fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
      <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
    </fm-topo-link-details>
  </fm-topo-link>
```

```
</fm-topology>
```

Description

<fm-topo-link-details>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-type>
          fm-topo-link-type
        </fm-topo-link-type>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>
        <fm-topo-sib-dest>
          fm-topo-sib-dest
        </fm-topo-sib-dest>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcSEL-status>
          vcSEL-status
        </vcSEL-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
        <fm-topo-link-in-out>....</fm-topo-link-in-out>
        <fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
        <fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
        <fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
        <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
```

```

<fm-topo-link-type>
  fm-topo-link-type
</fm-topo-link-type>
<fm-topo-sib-source>
  fm-topo-sib-source
</fm-topo-sib-source>
<fm-topo-sib-dest>
  fm-topo-sib-dest
</fm-topo-sib-dest>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcSEL-status>
  vcSEL-status
</vcSEL-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
<fm-topo-link-in-out>....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
<fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
  <fm-topo-link-details>
    <fm-topo-link-type>
      fm-topo-link-type
    </fm-topo-link-type>
    <fm-topo-sib-source>
      fm-topo-sib-source
    </fm-topo-sib-source>
    <fm-topo-sib-dest>
      fm-topo-sib-dest
    </fm-topo-sib-dest>
    <source-pfe-xc-link>
      source-pfe-xc-link

```

```

</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcSEL-status>
  vcSEL-status
</vcSEL-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
<fm-topo-link-in-out>.....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>.....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>.....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>.....</fm-topo-link-details-head-sfc>
<fm-topo-link-details-sfc>.....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-details>
<fm-topo-link-type>
  fm-topo-link-type
</fm-topo-link-type>
<fm-topo-sib-source>
  fm-topo-sib-source
</fm-topo-sib-source>
<fm-topo-sib-dest>
  fm-topo-sib-dest
</fm-topo-sib-dest>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcSEL-status>
  vcSEL-status
</vcSEL-status>
<hsl2-channel>
  hsl2-channel

```

```

</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
<fm-topo-link-in-out>....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
<fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information-sgl>
<fm-topo-link-details>
<fm-topo-link-type>
  fm-topo-link-type
</fm-topo-link-type>
<fm-topo-sib-source>
  fm-topo-sib-source
</fm-topo-sib-source>
<fm-topo-sib-dest>
  fm-topo-sib-dest
</fm-topo-sib-dest>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcSEL-status>
  vcSEL-status
</vcSEL-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
<fm-topo-link-in-out>....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>

```



```

        <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-head-lcc>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>
        <fm-topo-sib-dest>
          fm-topo-sib-dest
        </fm-topo-sib-dest>
      </fm-topo-link-details-head-lcc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-head-lcc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-lcc>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-head-lcc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-lcc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-details-head-lcc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-lcc>
        </fm-topo-link-details>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
```

```

<fm-topo-link-details>
  <fm-topo-link-details-head-lcc>
    <fm-topo-sib-source>
      fm-topo-sib-source
    </fm-topo-sib-source>
    <fm-topo-sib-dest>
      fm-topo-sib-dest
    </fm-topo-sib-dest>
  </fm-topo-link-details-head-lcc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-details-head-lcc>
              <fm-topo-sib-source>
                fm-topo-sib-source
              </fm-topo-sib-source>
              <fm-topo-sib-dest>
                fm-topo-sib-dest
              </fm-topo-sib-dest>
            </fm-topo-link-details-head-lcc>
          </fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-head-sfc>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>

```

```
<fm-topo-sib-dest>
  fm-topo-sib-dest
</fm-topo-sib-dest>
</fm-topo-link-details-head-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-head-sfc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-head-sfc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-details-head-sfc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-sfc>
        </fm-topo-link-details>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-details>
            <fm-topo-link-details-head-sfc>
              <fm-topo-sib-source>
                fm-topo-sib-source
              </fm-topo-sib-source>
              <fm-topo-sib-dest>
                fm-topo-sib-dest
              </fm-topo-sib-dest>
            </fm-topo-link-details-head-sfc>
          </fm-topo-link-details>
        </fm-topo-link-information>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<multi-routing-engine-results>

```

```
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information-sgl>
        <fm-topo-link-details>
          <fm-topo-link-details-head-sfc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-sfc>
        </fm-topo-link-details>
      </fm-topo-link-information-sgl>
    </fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-lcc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcsl-status>
          vcsl-status
        </vcsl-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-lcc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-lcc>**Usage**

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-lcc>
          <source-pfe-xc-link>
            source-pfe-xc-link
          </source-pfe-xc-link>
          <dest-pfe-xc-link>
            dest-pfe-xc-link
          </dest-pfe-xc-link>
          <vcsel-status>
            vcsel-status
          </vcsel-status>
          <hsl2-channel>
            hsl2-channel
          </hsl2-channel>
          <hsl2-status>
            hsl2-status
          </hsl2-status>
        </fm-topo-link-details-lcc>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description**<fm-topo-link-details-lcc>****Usage**

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-lcc>
          <source-pfe-xc-link>
            source-pfe-xc-link
          </source-pfe-xc-link>
          <dest-pfe-xc-link>
            dest-pfe-xc-link
          </dest-pfe-xc-link>
          <vcsel-status>
            vcsel-status
          </vcsel-status>
          <hsl2-channel>
            hsl2-channel
          </hsl2-channel>
          <hsl2-status>
            hsl2-status
          </hsl2-status>
        </fm-topo-link-details-lcc>
      </fm-topo-link-information-sgl>
    </fm-topo-link>
  </fm-topology>

```

```
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-details>
<fm-topo-link-details-lcc>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcSEL-status>
  vcSEL-status
</vcSEL-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
</fm-topo-link-details-lcc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-details>
<fm-topo-link-details-lcc>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
```



```

        dest-pfe-xc-link
      </dest-pfe-xc-link>
    <vcSEL-status>
      vcSEL-status
    </vcSEL-status>
    <hsl2-channel>
      hsl2-channel
    </hsl2-channel>
    <hsl2-status>
      hsl2-status
    </hsl2-status>
  </fm-topo-link-details-lcc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-lcc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-details-lcc>
              <source-pfe-xc-link>
                source-pfe-xc-link
              </source-pfe-xc-link>
              <dest-pfe-xc-link>
                dest-pfe-xc-link
              </dest-pfe-xc-link>
              <vcSEL-status>
                vcSEL-status
              </vcSEL-status>
              <hsl2-channel>
                hsl2-channel
              </hsl2-channel>
              <hsl2-status>
                hsl2-status
              </hsl2-status>
            </fm-topo-link-details-lcc>
          </fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<fm-topo-link-details-sfc>****Usage**

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-sfc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcSEL-status>
          vcSEL-status
        </vcSEL-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-sfc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>
```

Description**<fm-topo-link-details-sfc>****Usage**

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-sfc>
          <source-pfe-xc-link>
            source-pfe-xc-link
          </source-pfe-xc-link>
          <dest-pfe-xc-link>
            dest-pfe-xc-link
          </dest-pfe-xc-link>
          <vcSEL-status>
            vcSEL-status
          </vcSEL-status>
          <hsl2-channel>
            hsl2-channel
          </hsl2-channel>
          <hsl2-status>
            hsl2-status
          </hsl2-status>
        </fm-topo-link-details-sfc>
```

```

    </fm-topo-link-details>
  </fm-topo-link-information>
</fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-sfc>
          <source-pfe-xc-link>
            source-pfe-xc-link
          </source-pfe-xc-link>
          <dest-pfe-xc-link>
            dest-pfe-xc-link
          </dest-pfe-xc-link>
          <vcSEL-status>
            vcSEL-status
          </vcSEL-status>
          <hsl2-channel>
            hsl2-channel
          </hsl2-channel>
          <hsl2-status>
            hsl2-status
          </hsl2-status>
        </fm-topo-link-details-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-details-sfc>
            <source-pfe-xc-link>
              source-pfe-xc-link
            </source-pfe-xc-link>
            <dest-pfe-xc-link>
              dest-pfe-xc-link
            </dest-pfe-xc-link>
            <vcSEL-status>

```

```
        vcsel-status
      </vcsel-status>
    <hsl2-channel>
      hsl2-channel
    </hsl2-channel>
    <hsl2-status>
      hsl2-status
    </hsl2-status>
  </fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-sfc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-details>
<fm-topo-link-details-sfc>
  <source-pfe-xc-link>
    source-pfe-xc-link
  </source-pfe-xc-link>
  <dest-pfe-xc-link>
    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcsel-status>
    vcsel-status
  </vcsel-status>
  <hsl2-channel>
    hsl2-channel
  </hsl2-channel>
  <hsl2-status>
    hsl2-status
  </hsl2-status>
</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-details-sfc>
              <source-pfe-xc-link>
                source-pfe-xc-link
              </source-pfe-xc-link>
              <dest-pfe-xc-link>
                dest-pfe-xc-link
              </dest-pfe-xc-link>
              <vcsl-status>
                vcsl-status
              </vcsl-status>
              <hsl2-channel>
                hsl2-channel
              </hsl2-channel>
              <hsl2-status>
                hsl2-status
              </hsl2-status>
            </fm-topo-link-details-sfc>
          </fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-fail>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-fail>
        <fm-topo-sib>
          fm-topo-sib
        </fm-topo-sib>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
      </fm-topo-link-fail>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description**<fm-topo-link-fail>****Usage**

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information>
        <fm-topo-link-fail>
          <fm-topo-sib>
            fm-topo-sib
          </fm-topo-sib>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
      </fm-topo-link-fail>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<fm-topo-link-fail-sgl>****Usage**

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-fail-sgl>
        <fm-topo-sib>
          fm-topo-sib
        </fm-topo-sib>
      <fm-topo-fail-msg>
        fm-topo-fail-msg
      </fm-topo-fail-msg>
    </fm-topo-link-fail-sgl>
  </fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
```

Description**<fm-topo-link-fail-sgl>****Usage**

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information-sgl>
        <fm-topo-link-fail-sgl>
```

```

    <fm-topo-sib>
      fm-topo-sib
    </fm-topo-sib>
    <fm-topo-fail-msg>
      fm-topo-fail-msg
    </fm-topo-fail-msg>
    </fm-topo-link-fail-sgl>
  </fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-in-out>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-in-out>
        <fm-topo-link-type>
          fm-topo-link-type
        </fm-topo-link-type>
      </fm-topo-link-in-out>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-in-out>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-in-out>
          <fm-topo-link-type>
            fm-topo-link-type
          </fm-topo-link-type>
        </fm-topo-link-in-out>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-in-out>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-in-out>
          <fm-topo-link-type>
            fm-topo-link-type
          </fm-topo-link-type>
        </fm-topo-link-in-out>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-in-out>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-in-out>
            <fm-topo-link-type>
              fm-topo-link-type
            </fm-topo-link-type>
          </fm-topo-link-in-out>
        </fm-topo-link-details>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-in-out>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-details>
            <fm-topo-link-in-out>
              <fm-topo-link-type>
                fm-topo-link-type
              </fm-topo-link-type>
            </fm-topo-link-in-out>
          </fm-topo-link-information>
        </fm-topo-link>
      </fm-topology>
    </multi-routing-engine-item>
  </multi-routing-engine-results>
```



```

    </fm-topo-link-details>
  </fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-in-out>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-in-out>
              <fm-topo-link-type>
                fm-topo-link-type
              </fm-topo-link-type>
            </fm-topo-link-in-out>
          </fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-information>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-sib>
        fm-topo-sib
      </fm-topo-sib>
      <fm-topo-dbl-line>
        fm-topo-dbl-line
      </fm-topo-dbl-line>
      <fm-topo-link-fail>....</fm-topo-link-fail>
      <fm-topo-link-details>....</fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-sib>
            fm-topo-sib
          </fm-topo-sib>
          <fm-topo-dbl-line>
            fm-topo-dbl-line
          </fm-topo-dbl-line>
          <fm-topo-link-fail>....</fm-topo-link-fail>
          <fm-topo-link-details>....</fm-topo-link-details>
        </fm-topo-link-information>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-information-sgl>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-fail-sgl>....</fm-topo-link-fail-sgl>
      <fm-topo-link-details>....</fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-information-sgl>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-fail-sgl>....</fm-topo-link-fail-sgl>
          <fm-topo-link-details>....</fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-src>

Usage

```

<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-src>
      <fm-topo-link-src-in>
        fm-topo-link-src-in
      </fm-topo-link-src-in>
      <fm-topo-link-src-out>
        fm-topo-link-src-out
      </fm-topo-link-src-out>
      <hsl2-state-src>
        hsl2-state-src
      </hsl2-state-src>
    </fm-topo-link-src>
  </fm-topo-link-src-des>
</fm-topology>

```

Description

<fm-topo-link-src>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link-src-des>
        <fm-topo-link-src>
          <fm-topo-link-src-in>
            fm-topo-link-src-in
          </fm-topo-link-src-in>
          <fm-topo-link-src-out>
            fm-topo-link-src-out
          </fm-topo-link-src-out>
          <hsl2-state-src>
            hsl2-state-src
          </hsl2-state-src>
        </fm-topo-link-src>
      </fm-topo-link-src-des>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-src-des>

Usage

```

<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-msg>
      fm-topo-link-msg
    </fm-topo-link-msg>
  </fm-topo-link-src-des>
</fm-topology>

```

```
</fm-topo-link-msg>
<fm-topo-link-src>....</fm-topo-link-src>
<fm-topo-link-des>....</fm-topo-link-des>
</fm-topo-link-src-des>
</fm-topology>
```

Description

<fm-topo-link-src-des>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-msg>
      fm-topo-link-msg
    </fm-topo-link-msg>
    <fm-topo-link-src>....</fm-topo-link-src>
    <fm-topo-link-des>....</fm-topo-link-des>
  </fm-topo-link-src-des>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topology>

Usage

```
<fm-topology>
<fm-topo-link-src-des>....</fm-topo-link-src-des>
<fm-topo-link>....</fm-topo-link>
</fm-topology>
```

Description

<fm-topology>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link-src-des>....</fm-topo-link-src-des>
    <fm-topo-link>....</fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fmp-plane>

Usage

```

<fm-plane-state-information>
  <fmp-plane>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
    <sib-name>
      sib-name
    </sib-name>
    <sib-f13-name>
      sib-f13-name
    </sib-f13-name>
    <sib-f2-name>
      sib-f2-name
    </sib-f2-name>
    <sibs-slot>
      sibs-slot
    </sibs-slot>
    <sibs2-slot>
      sibs2-slot
    </sibs2-slot>
    <plane-state>
      plane-state
    </plane-state>
    <even-odd>
      even-odd
    </even-odd>
    <sibl-slot>
      sibl-slot
    </sibl-slot>
    <lcc-slot>
      lcc-slot
    </lcc-slot>
    <f13-slot>
      f13-slot
    </f13-slot>
    <sibl-link-state>
      sibl-link-state
    </sibl-link-state>
    <sgasic-number>
      sgasic-number
    </sgasic-number>
    <sgasic-port-number>
      sgasic-port-number
  
```

```
</sgasic-port-number>
<sgasic-port-link-state>
  sgasic-port-link-state
</sgasic-port-link-state>
<lcc-sgasic-number>
  lcc-sgasic-number
</lcc-sgasic-number>
<lcc-sgasic-port-number>
  lcc-sgasic-port-number
</lcc-sgasic-port-number>
<lcc-sgasic-port-link-state>
  lcc-sgasic-port-link-state
</lcc-sgasic-port-link-state>
<f2-link-state>
  f2-link-state
</f2-link-state>
<lcc-pfe-slot>
  lcc-pfe-slot
</lcc-pfe-slot>
<lcc-fpc-slot>
  lcc-fpc-slot
</lcc-fpc-slot>
<lcc-pfe-link-state>
  lcc-pfe-link-state
</lcc-pfe-link-state>
<lcc-sib-link-state>
  lcc-sib-link-state
</lcc-sib-link-state>
<fru-name>
  fru-name
</fru-name>
<fru-slot>
  fru-slot
</fru-slot>
<pfe-slot>
  pfe-slot
</pfe-slot>
<pfe-link-status>
  pfe-link-status
</pfe-link-status>
</fmp-plane>
</fm-plane-state-information>
```

Description

<fms-fpc-ln>

Usage

```
<fm-sib-state-information>
<fms-sib-ln>
  <fms-fpc-ln>
    <slot>
      slot
    </slot>
    <fms-pfe-ln>....</fms-pfe-ln>
```

```

    </fms-fpc-ln>
  </fms-sib-ln>
</fm-sib-state-information>

```

Description

<fms-fpc-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <fms-fpc-ln>
          <slot>
            slot
          </slot>
          <fms-pfe-ln>....</fms-pfe-ln>
        </fms-fpc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fms-lcc-ln>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>
    <fms-lcc-ln>
      <lcc-slot>
        lcc-slot
      </lcc-slot>
      <fms-lcc-link-state>
        fms-lcc-link-state
      </fms-lcc-link-state>
    </fms-lcc-ln>
  </fms-sib-ln>
</fm-sib-state-information>

```

Description

<fms-lcc-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <fms-lcc-ln>
          <lcc-slot>
            lcc-slot

```

```
</lcc-slot>
<fms-lcc-link-state>
  fms-lcc-link-state
</fms-lcc-link-state>
</fms-lcc-ln>
</fms-sib-ln>
</fm-sib-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fms-pfe-ln>

Usage

```
<fm-sib-state-information>
<fms-sib-ln>
<fms-fpc-ln>
<fms-pfe-ln>
<pfe-slot>
  pfe-slot
</pfe-slot>
<fms-pfe-link-state>
  fms-pfe-link-state
</fms-pfe-link-state>
</fms-pfe-ln>
</fms-fpc-ln>
</fms-sib-ln>
</fm-sib-state-information>
```

Description

<fms-pfe-ln>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-sib-state-information>
<fms-sib-ln>
<fms-fpc-ln>
<fms-pfe-ln>
<pfe-slot>
  pfe-slot
</pfe-slot>
<fms-pfe-link-state>
  fms-pfe-link-state
</fms-pfe-link-state>
</fms-pfe-ln>
</fms-fpc-ln>
</fms-sib-ln>
</fm-sib-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```


Description

<fms-scc-ln>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>
    <fms-scc-ln>
      <fms-scc-link-state>
        fms-scc-link-state
      </fms-scc-link-state>
    </fms-scc-ln>
  </fms-sib-ln>
</fm-sib-state-information>

```

Description

<fms-scc-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <fms-scc-ln>
          <fms-scc-link-state>
            fms-scc-link-state
          </fms-scc-link-state>
        </fms-scc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fms-sib-ln>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>
    <sib-slot>
      sib-slot
    </sib-slot>
    <sib-fm-state>
      sib-fm-state
    </sib-fm-state>
    <fms-fpc-ln>....</fms-fpc-ln>
    <fms-lcc-ln>....</fms-lcc-ln>
    <fms-scc-ln>....</fms-scc-ln>
  </fms-sib-ln>
</fm-sib-state-information>

```

Description**<fms-sib-ln>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <sib-slot>
          sib-slot
        </sib-slot>
        <sib-fm-state>
          sib-fm-state
        </sib-fm-state>
        <fms-fpc-ln>....</fms-fpc-ln>
        <fms-lcc-ln>....</fms-lcc-ln>
        <fms-scc-ln>....</fms-scc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<fpc>****Usage**

```
<fpc-information>
  <fpc>
    <slot>
      slot
    </slot>
    <logical-slot>
      logical-slot
    </logical-slot>
    <state>
      state
    </state>
    <description>
      description
    </description>
    <error-code>
      error-code
    </error-code>
    <temperature>
      temperature
    </temperature>
    <cpu-total>
      cpu-total
    </cpu-total>
    <cpu-interrupt>
      cpu-interrupt
    </cpu-interrupt>
    <cpu-less-info-str>
```

```

    cpu-less-info-str
  </cpu-less-info-str>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>
  <memory-sram-size>
    memory-sram-size
  </memory-sram-size>
  <memory-sdram-size>
    memory-sdram-size
  </memory-sdram-size>
  <memory-rldram-size>
    memory-rldram-size
  </memory-rldram-size>
  <memory-ddr-dram-size>
    memory-ddr-dram-size
  </memory-ddr-dram-size>
  <memory-notification-sdram-size>
    memory-notification-sdram-size
  </memory-notification-sdram-size>
  <memory-heap-utilization>
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-buffer-utilization>
    memory-buffer-utilization
  </memory-buffer-utilization>
  <asic-information>
    asic-information
  </asic-information>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
  <comment>
    comment
  </comment>
  <pic>....</pic>
  <pic-detail>....</pic-detail>
  <max-power-consumption>
    max-power-consumption
  </max-power-consumption>
  <red-led>
    red-led
  </red-led>
  <green-led>
    green-led
  </green-led>
</fpc>
</fpc-information>

```

Description

<fpc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fpc-information>
    <fpc>
      <slot>
        slot
      </slot>
      <logical-slot>
        logical-slot
      </logical-slot>
      <state>
        state
      </state>
      <description>
        description
      </description>
      <error-code>
        error-code
      </error-code>
      <temperature>
        temperature
      </temperature>
      <cpu-total>
        cpu-total
      </cpu-total>
      <cpu-interrupt>
        cpu-interrupt
      </cpu-interrupt>
      <cpu-less-info-str>
        cpu-less-info-str
      </cpu-less-info-str>
      <memory-dram-size>
        memory-dram-size
      </memory-dram-size>
      <memory-sram-size>
        memory-sram-size
      </memory-sram-size>
      <memory-sdram-size>
        memory-sdram-size
      </memory-sdram-size>
      <memory-rldram-size>
        memory-rldram-size
      </memory-rldram-size>
      <memory-ddr-dram-size>
        memory-ddr-dram-size
      </memory-ddr-dram-size>
      <memory-notification-sdram-size>
        memory-notification-sdram-size
      </memory-notification-sdram-size>
      <memory-heap-utilization>
        memory-heap-utilization
      </memory-heap-utilization>
```

```

    <memory-buffer-utilization>
      memory-buffer-utilization
    </memory-buffer-utilization>
    <asic-information>
      asic-information
    </asic-information>
    <start-time>
      start-time
    </start-time>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
    <pic>.....</pic>
    <pic-detail>.....</pic-detail>
    <max-power-consumption>
      max-power-consumption
    </max-power-consumption>
    <red-led>
      red-led
    </red-led>
    <green-led>
      green-led
    </green-led>
  </fpc>
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fpc>

Usage

```

<fpc-panel>
  <fpc>
    <slot>
      slot
    </slot>
    <logical-slot>
      logical-slot
    </logical-slot>
    <state>
      state
    </state>
    <description>
      description
    </description>
    <error-code>
      error-code
    </error-code>
    <temperature>
      temperature

```

```
</temperature>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-less-info-str>
  cpu-less-info-str
</cpu-less-info-str>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-sdram-size>
  memory-sdram-size
</memory-sdram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-notification-sdram-size>
  memory-notification-sdram-size
</memory-notification-sdram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<pic>....</pic>
<pic-detail>....</pic-detail>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
<red-led>
  red-led
</red-led>
<green-led>
  green-led
```

| | |
|--------------------|--|
| | <pre> </green-led> </fpc> </fpc-panel> </pre> |
| Description | |
| <fpc> | |
| Usage | <pre> <front-panel> <fpc-panel> <fpc> <slot> slot </slot> <logical-slot> logical-slot </logical-slot> <state> state </state> <description> description </description> <error-code> error-code </error-code> <temperature> temperature </temperature> <cpu-total> cpu-total </cpu-total> <cpu-interrupt> cpu-interrupt </cpu-interrupt> <cpu-less-info-str> cpu-less-info-str </cpu-less-info-str> <memory-dram-size> memory-dram-size </memory-dram-size> <memory-sram-size> memory-sram-size </memory-sram-size> <memory-sdram-size> memory-sdram-size </memory-sdram-size> <memory-rldram-size> memory-rldram-size </memory-rldram-size> <memory-ddr-dram-size> memory-ddr-dram-size </memory-ddr-dram-size> <memory-notification-sdram-size> </pre> |

```
    memory-notification-sdram-size
  </memory-notification-sdram-size>
  <memory-heap-utilization>
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-buffer-utilization>
    memory-buffer-utilization
  </memory-buffer-utilization>
  <asic-information>
    asic-information
  </asic-information>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
  <comment>
    comment
  </comment>
  <pic>.....</pic>
  <pic-detail>.....</pic-detail>
  <max-power-consumption>
    max-power-consumption
  </max-power-consumption>
  <red-led>
    red-led
  </red-led>
  <green-led>
    green-led
  </green-led>
</fpc>
</fpc-panel>
</front-panel>
```

Description

<fpc>

Usage

```
<craft-information>
  <front-panel>
    <fpc-panel>
      <fpc>
        <slot>
          slot
        </slot>
        <logical-slot>
          logical-slot
        </logical-slot>
        <state>
          state
        </state>
        <description>
          description
```



```
</description>
<error-code>
  error-code
</error-code>
<temperature>
  temperature
</temperature>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-less-info-str>
  cpu-less-info-str
</cpu-less-info-str>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-sdram-size>
  memory-sdram-size
</memory-sdram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-notification-sdram-size>
  memory-notification-sdram-size
</memory-notification-sdram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<pic>....</pic>
<pic-detail>....</pic-detail>
<max-power-consumption>
  max-power-consumption
```

```
</max-power-consumption>
<red-led>
  red-led
</red-led>
<green-led>
  green-led
</green-led>
</fpc>
</fpc-panel>
</front-panel>
</craft-information>
```

Description

<fpc>

Usage

```
<poe>
<fpc-information>
<fpc>
  <slot>
    slot
  </slot>
  <logical-slot>
    logical-slot
  </logical-slot>
  <state>
    state
  </state>
  <description>
    description
  </description>
  <error-code>
    error-code
  </error-code>
  <temperature>
    temperature
  </temperature>
  <cpu-total>
    cpu-total
  </cpu-total>
  <cpu-interrupt>
    cpu-interrupt
  </cpu-interrupt>
  <cpu-less-info-str>
    cpu-less-info-str
  </cpu-less-info-str>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>
  <memory-sram-size>
    memory-sram-size
  </memory-sram-size>
  <memory-sdram-size>
    memory-sdram-size
```

```

</memory-sdram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-notification-sdram-size>
  memory-notification-sdram-size
</memory-notification-sdram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<pic>....</pic>
<pic-detail>....</pic-detail>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
<red-led>
  red-led
</red-led>
<green-led>
  green-led
</green-led>
</fpc>
</fpc-information>
</poe>

```

Description**<fpc-feb-connectivity>****Usage**

```

<fpc-feb-connectivity>
  <fpc-feb-connectivity-item>....</fpc-feb-connectivity-item>
</fpc-feb-connectivity>

```

Description Information about connectivity between FPCs and FEBs

<fpc-feb-connectivity-item>

Usage

```
<fpc-feb-connectivity>
  <fpc-feb-connectivity-item>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-type>
      fpc-type
    </fpc-type>
    <fpc-state>
      fpc-state
    </fpc-state>
    <feb-slot>
      feb-slot
    </feb-slot>
    <no-feb-slot>
      no-feb-slot
    </no-feb-slot>
    <feb-state>
      feb-state
    </feb-state>
    <fpc-link-status>
      fpc-link-status
    </fpc-link-status>
  </fpc-feb-connectivity-item>
</fpc-feb-connectivity>
```

Description FEB connectivity information for an FPC

<fpc-information>

Usage

```
<fpc-information>
  <fpc>....</fpc>
  <fpc-slot>
    fpc-slot
  </fpc-slot>
  <fpc-power-limit>
    fpc-power-limit
  </fpc-power-limit>
  <fpc-priority>
    fpc-priority
  </fpc-priority>
  <fpc-power>
    fpc-power
  </fpc-power>
  <fpc-status>
    fpc-status
  </fpc-status>
  <fpc-firmware-version>
    fpc-firmware-version
  </fpc-firmware-version>
```

</fpc-information>

Description

<fpc-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fpc-information>
    <fpc>....</fpc>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-power-limit>
      fpc-power-limit
    </fpc-power-limit>
    <fpc-priority>
      fpc-priority
    </fpc-priority>
    <fpc-power>
      fpc-power
    </fpc-power>
    <fpc-status>
      fpc-status
    </fpc-status>
    <fpc-firmware-version>
      fpc-firmware-version
    </fpc-firmware-version>
  </fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fpc-information>

Usage

```
<poe>
  <fpc-information>
    <fpc>....</fpc>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-power-limit>
      fpc-power-limit
    </fpc-power-limit>
    <fpc-priority>
      fpc-priority
    </fpc-priority>
    <fpc-power>
      fpc-power
    </fpc-power>
    <fpc-status>
```

```
fpc-status
</fpc-status>
<fpc-firmware-version>
  fpc-firmware-version
</fpc-firmware-version>
</fpc-information>
</poe>
```

Description

<fpc-panel>

Usage

```
<fpc-panel>
<fpc>....</fpc>
</fpc-panel>
```

Description State of status LEDs on the craft interface for Flexible PIC Concentrators

<fpc-panel>

Usage

```
<front-panel>
<fpc-panel>
  <fpc>....</fpc>
</fpc-panel>
</front-panel>
```

Description State of status LEDs on the craft interface for Flexible PIC Concentrators

<fpc-panel>

Usage

```
<craft-information>
<front-panel>
  <fpc-panel>
    <fpc>....</fpc>
  </fpc-panel>
</front-panel>
</craft-information>
```

Description State of status LEDs on the craft interface for Flexible PIC Concentrators

<fpga-registers>

Usage

```
<environment-component-information>
<environment-component-item>
  <fpga-registers>
    <fpga-registers-name>
      fpga-registers-name
```

```

        </fpga-registers-name>
        <fpga-registers-value>
        fpga-registers-value
        </fpga-registers-value>
    </fpga-registers>
</environment-component-item>
</environment-component-information>

```

Description FPGA regiseter values

<fpga-revision-detail>

Usage

```

<environment-component-information>
<environment-component-item>
    <fpga-revision-detail>
        <fpga-revision-name>
        fpga-revision-name
        </fpga-revision-name>
        <fpga-revision-value>
        fpga-revision-value
        </fpga-revision-value>
    </fpga-revision-detail>
</environment-component-item>
</environment-component-information>

```

Description FPGA revision in detail

<front-panel>

Usage

```

<front-panel>
    <display-panel>....</display-panel>
    <re-panel>....</re-panel>
    <alarm-indicators>....</alarm-indicators>
    <fpc-panel>....</fpc-panel>
</front-panel>

```

Description Information from the craft interface

<front-panel>

Usage

```

<craft-information>
    <front-panel>
        <display-panel>....</display-panel>
        <re-panel>....</re-panel>
        <alarm-indicators>....</alarm-indicators>
        <fpc-panel>....</fpc-panel>
    </front-panel>

```

```
</craft-information>
```

Description Information from the craft interface

<front-panel-lcd>

Usage

```
<front-panel-lcd>
  <front-panel-title>....</front-panel-title>
  <display-panel-lcd>....</display-panel-lcd>
  <system-led>....</system-led>
  <interface-led>....</interface-led>
</front-panel-lcd>
```

Description Information from the LCD-LED interfaces

<front-panel-lcd>

Usage

```
<get-craft-information-lcd>
  <front-panel-lcd>
    <front-panel-title>....</front-panel-title>
    <display-panel-lcd>....</display-panel-lcd>
    <system-led>....</system-led>
    <interface-led>....</interface-led>
  </front-panel-lcd>
</get-craft-information-lcd>
```

Description Information from the LCD-LED interfaces

<front-panel-title>

Usage

```
<front-panel-lcd>
  <front-panel-title>
    <name>
      name
    </name>
  </front-panel-title>
</front-panel-lcd>
```

Description

<front-panel-title>

Usage

```
<get-craft-information-lcd>
  <front-panel-lcd>
    <front-panel-title>
      <name>
        name
      </name>
    </front-panel-title>
  </front-panel-lcd>
</get-craft-information-lcd>
```



```
</name>
</front-panel-title>
</front-panel-lcd>
</get-craft-information-lcd>
```

Description**<front-panel-title>****Usage**

```
<get-craft-information-lcd>
  <front-panel-title>
    <name>
      name
    </name>
  </front-panel-title>
</get-craft-information-lcd>
```

Description**<fru>****Usage**

```
<fru-information>
  <fru>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </fru>
</fru-information>
```

Description**<fru-information>****Usage**

```
<fru-information>
  <fru>....</fru>
</fru-information>
```

Description

<fru-power-on-sequence>

Usage

```
<fru-power-on-sequence>
  <sequence>
    sequence
  </sequence>
</fru-power-on-sequence>
```

Description Chassis FRU Power On Sequence

<get-craft-information-lcd>

Usage

```
<get-craft-information-lcd>
  <front-panel-lcd>....</front-panel-lcd>
  <front-panel-title>....</front-panel-title>
  <display-panel-lcd>....</display-panel-lcd>
  <display-row-1>
    display-row-1
  </display-row-1>
  <display-row-2>
    display-row-2
  </display-row-2>
  <name>
    name
  </name>
</get-craft-information-lcd>
```

Description Information from the LCD interface and, if applicable, theof the status LEDs on the front panels of other components installedin the chassis

<ha-led>

Usage

```
<ha-led>
  <red-led>
    red-led
  </red-led>
  <yellow-led>
    yellow-led
  </yellow-led>
  <amber-led>
    amber-led
  </amber-led>
</ha-led>
```

Description State of the HA LED on the craft interface

<ha-led>

Usage

```
<recb-panel>
  <ha-led>
    <red-led>
      red-led
    </red-led>
    <yellow-led>
      yellow-led
    </yellow-led>
    <amber-led>
      amber-led
    </amber-led>
  </ha-led>
</recb-panel>
```

Description State of the HA LED on the craft interface

<ha-led>

Usage

```
<craft-information>
  <recb-panel>
    <ha-led>
      <red-led>
        red-led
      </red-led>
      <yellow-led>
        yellow-led
      </yellow-led>
      <amber-led>
        amber-led
      </amber-led>
    </ha-led>
  </recb-panel>
</craft-information>
```

Description State of the HA LED on the craft interface

<i2c-information>

Usage

```
<i2c-information>
  <jedec-code>
    jedec-code
  </jedec-code>
  <eeprom-version>
    eeprom-version
  </eeprom-version>
  <part-number>
    part-number
```

```
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
```

Description

<i2c-information>

Usage

```
<chassis-inventory>
<chassis>
  <i2c-information>
    <jedec-code>
      jedec-code
    </jedec-code>
    <eeprom-version>
      eeprom-version
    </eeprom-version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
```

```

</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis>
</chassis-inventory>

```

Description

<i2c-information>

Usage

```

<chassis-inventory>
<chassis>
  <chassis-module>
    <i2c-information>
      <jedec-code>
        jedec-code
      </jedec-code>
      <eeprom-version>
        eeprom-version
      </eeprom-version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number

```

```
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</chassis-inventory>
```

Description

<i2c-information>

Usage

```
<chassis-inventory>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <i2c-information>
        <jedec-code>
          jedec-code
        </jedec-code>
        <eeprom-version>
          eeprom-version
        </eeprom-version>
        <part-number>
          part-number
        </part-number>
```

```

<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<i2c-information>

Usage

```

<firmware-information>
<chassis>
  <i2c-information>
    <jedec-code>
      jedec-code
    </jedec-code>
    <eeprom-version>
      eeprom-version
    </eeprom-version>
    <part-number>
      part-number

```

```
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis>
</firmware-information>
```

Description

<i2c-information>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <i2c-information>
      <jedec-code>
        jedec-code
      </jedec-code>
      <eeprom-version>
        eeprom-version
      </eeprom-version>
      <part-number>
        part-number
```



```

</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</firmware-information>

```

Description

<i2c-information>

Usage

```

<firmware-information>
<chassis>
<chassis-module>
<chassis-sub-module>
  <i2c-information>
    <jedec-code>
      jedec-code
    </jedec-code>
    <eeprom-version>
      eeprom-version
    </eeprom-version>
  </i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>

```

```
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <i2c-information>
          <jedec-code>
            jedec-code
          </jedec-code>
```

```

    <eeprom-version>
      eeprom-version
    </eeprom-version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <assembly-identifier>
      assembly-identifier
    </assembly-identifier>
    <assembly-version>
      assembly-version
    </assembly-version>
    <manufacture-date>
      manufacture-date
    </manufacture-date>
    <assembly-flags>
      assembly-flags
    </assembly-flags>
    <i2c-version>
      i2c-version
    </i2c-version>
    <i2c-identifier>
      i2c-identifier
    </i2c-identifier>
    <i2c-data>
      i2c-data
    </i2c-data>
    <board-information-record>
      board-information-record
    </board-information-record>
  </i2c-information>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<i2c-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>

```

```
<i2c-information>
  <jedec-code>
    jedec-code
  </jedec-code>
  <eeprom-version>
    eeprom-version
  </eeprom-version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <assembly-identifier>
    assembly-identifier
  </assembly-identifier>
  <assembly-version>
    assembly-version
  </assembly-version>
  <manufacture-date>
    manufacture-date
  </manufacture-date>
  <assembly-flags>
    assembly-flags
  </assembly-flags>
  <i2c-version>
    i2c-version
  </i2c-version>
  <i2c-identifier>
    i2c-identifier
  </i2c-identifier>
  <i2c-data>
    i2c-data
  </i2c-data>
  <board-information-record>
    board-information-record
  </board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <i2c-information>
            <jedec-code>
              jedec-code
            </jedec-code>
            <eeprom-version>
              eeprom-version
            </eeprom-version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <assembly-identifier>
              assembly-identifier
            </assembly-identifier>
            <assembly-version>
              assembly-version
            </assembly-version>
            <manufacture-date>
              manufacture-date
            </manufacture-date>
            <assembly-flags>
              assembly-flags
            </assembly-flags>
            <i2c-version>
              i2c-version
            </i2c-version>
            <i2c-identifier>
              i2c-identifier
            </i2c-identifier>
            <i2c-data>
              i2c-data
            </i2c-data>
            <board-information-record>
              board-information-record
            </board-information-record>
          </i2c-information>
        </chassis-sub-module>
      </chassis-module>
    </chassis>
  </chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

```
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <i2c-information>
        <jedec-code>
          jedec-code
        </jedec-code>
        <eeprom-version>
          eeprom-version
        </eeprom-version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <assembly-identifier>
          assembly-identifier
        </assembly-identifier>
        <assembly-version>
          assembly-version
        </assembly-version>
        <manufacture-date>
          manufacture-date
        </manufacture-date>
        <assembly-flags>
          assembly-flags
        </assembly-flags>
        <i2c-version>
          i2c-version
        </i2c-version>
        <i2c-identifier>
          i2c-identifier
        </i2c-identifier>
        <i2c-data>
          i2c-data
        </i2c-data>
      <board-information-record>
```

```

        board-information-record
      </board-information-record>
    </i2c-information>
  </chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<i2c-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <i2c-information>
            <jedec-code>
              jedec-code
            </jedec-code>
            <eeprom-version>
              eeprom-version
            </eeprom-version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <assembly-identifier>
              assembly-identifier
            </assembly-identifier>
            <assembly-version>
              assembly-version
            </assembly-version>
            <manufacture-date>
              manufacture-date
            </manufacture-date>
            <assembly-flags>
              assembly-flags
            </assembly-flags>
            <i2c-version>
              i2c-version
            </i2c-version>
            <i2c-identifier>
              i2c-identifier
            </i2c-identifier>
          </i2c-information>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <i2c-information>
            <jedec-code>
              jedec-code
            </jedec-code>
            <eeprom-version>
              eeprom-version
            </eeprom-version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <assembly-identifier>
              assembly-identifier
            </assembly-identifier>
            <assembly-version>
              assembly-version
            </assembly-version>
            <manufacture-date>
              manufacture-date
            </manufacture-date>
            <assembly-flags>
              assembly-flags
            </assembly-flags>
```



```

    <i2c-version>
      i2c-version
    </i2c-version>
    <i2c-identifier>
      i2c-identifier
    </i2c-identifier>
    <i2c-data>
      i2c-data
    </i2c-data>
    <board-information-record>
      board-information-record
    </board-information-record>
  </i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<in-service-upgrade-fru-status>

Usage

```

<in-service-upgrade-status>
  <in-service-upgrade-fru-status>
    <fru-name>
      fru-name
    </fru-name>
    <fru-status>
      fru-status
    </fru-status>
    <fru-reason>
      fru-reason
    </fru-reason>
    <in-service-upgrade-pic-status>....</in-service-upgrade-pic-status>
  </in-service-upgrade-fru-status>
</in-service-upgrade-status>

```

Description In-Service Software Upgrade status for chassis

<in-service-upgrade-pic-status>

Usage

```

<in-service-upgrade-status>
  <in-service-upgrade-fru-status>
    <in-service-upgrade-pic-status>
      <fru-name>
        fru-name
      </fru-name>
      <fru-status>
        fru-status
      </fru-status>
    </in-service-upgrade-pic-status>
  </in-service-upgrade-fru-status>
</in-service-upgrade-status>

```

```
<fru-reason>
  fru-reason
</fru-reason>
</in-service-upgrade-pic-status>
</in-service-upgrade-fru-status>
</in-service-upgrade-status>
```

Description

<in-service-upgrade-status>

Usage

```
<in-service-upgrade-status>
  <in-service-upgrade-fru-status>....</in-service-upgrade-fru-status>
</in-service-upgrade-status>
```

Description

<input-voltage>

Usage

```
<environment-component-information>
  <environment-component-item>
    <input-voltage>
      <voltage-name>
        voltage-name
      </voltage-name>
      <voltage-value>
        voltage-value
      </voltage-value>
    </input-voltage>
  </environment-component-item>
</environment-component-information>
```

Description

<interface-information>

Usage

```
<poe>
  <interface-information>
    <interface-name>
      interface-name
    </interface-name>
    <interface-enabled>
      interface-enabled
    </interface-enabled>
    <interface-status>
      interface-status
    </interface-status>
    <interface-power-limit>
      interface-power-limit
    </interface-power-limit>
    <interface-priority>
```

```

    interface-priority
  </interface-priority>
  <interface-power>
    interface-power
  </interface-power>
  <interface-asterisk>
    interface-asterisk
  </interface-asterisk>
  <interface-class>
    interface-class
  </interface-class>
</interface-information>
</poe>

```

Description

<interface-information-detail>

Usage

```

<poe>
  <interface-information-detail>
    <interface-name-detail>
      interface-name-detail
    </interface-name-detail>
    <interface-enabled-detail>
      interface-enabled-detail
    </interface-enabled-detail>
    <interface-status-detail>
      interface-status-detail
    </interface-status-detail>
    <interface-power-limit-detail>
      interface-power-limit-detail
    </interface-power-limit-detail>
    <interface-priority-detail>
      interface-priority-detail
    </interface-priority-detail>
    <interface-power-detail>
      interface-power-detail
    </interface-power-detail>
    <interface-detail-asterisk>
      interface-detail-asterisk
    </interface-detail-asterisk>
    <interface-class-detail>
      interface-class-detail
    </interface-class-detail>
  </interface-information-detail>
</poe>

```

Description

<interface-led>

Usage

```

<front-panel-lcd>

```

```
<interface-led>
  <interface-display-title>
    interface-display-title
  </interface-display-title>
  <interface-led-display>....</interface-led-display>
</interface-led>
</front-panel-lcd>
```

Description State of the Interface LEDs on the front panel

<interface-led>

Usage

```
<get-craft-information-lcd>
<front-panel-lcd>
  <interface-led>
    <interface-display-title>
      interface-display-title
    </interface-display-title>
    <interface-led-display>....</interface-led-display>
  </interface-led>
</front-panel-lcd>
</get-craft-information-lcd>
```

Description State of the Interface LEDs on the front panel

<interface-led-display>

Usage

```
<front-panel-lcd>
<interface-led>
  <interface-led-display>
    <interface-name>
      interface-name
    </interface-name>
    <led-status>
      led-status
    </led-status>
    <activity-led>
      activity-led
    </activity-led>
  </interface-led-display>
</interface-led>
</front-panel-lcd>
```

Description

<interface-led-display>

Usage

```
<get-craft-information-lcd>
<front-panel-lcd>
```

```

<interface-led>
  <interface-led-display>
    <interface-name>
      interface-name
    </interface-name>
    <led-status>
      led-status
    </led-status>
    <activity-led>
      activity-led
    </activity-led>
  </interface-led-display>
</interface-led>
</front-panel-lcd>
</get-craft-information-lcd>

```

Description**<ioc-npc-connectivity>****Usage**

```

<ioc-npc-connectivity>
  <ioc-npc-connectivity-item>....</ioc-npc-connectivity-item>
</ioc-npc-connectivity>

```

Description Information about connectivity between IOCs and NPCs**<ioc-npc-connectivity-item>****Usage**

```

<ioc-npc-connectivity>
  <ioc-npc-connectivity-item>
    <ioc-slot>
      ioc-slot
    </ioc-slot>
    <ioc-type>
      ioc-type
    </ioc-type>
    <ioc-state>
      ioc-state
    </ioc-state>
    <npc-slot>
      npc-slot
    </npc-slot>
    <no-npc-slot>
      no-npc-slot
    </no-npc-slot>
    <npc-state>
      npc-state
    </npc-state>
    <fpc-link-status>
      fpc-link-status
    </fpc-link-status>
  </ioc-npc-connectivity-item>

```

</ioc-npc-connectivity>

Description NPC connectivity information for an IOC

<lcc>

Usage

```
<lcc-information>
  <lcc>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </lcc>
</lcc-information>
```

Description

<lcc-information>

Usage

```
<lcc-information>
  <lcc>....</lcc>
</lcc-information>
```

Description

<marked-as-failed-source>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <marked-as-failed-source-list>
      <marked-as-failed-source>
        <source-name>
          source-name
        </source-name>
      </marked-as-failed-source>
    </marked-as-failed-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<marked-as-failed-source-list>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <marked-as-failed-source-list>
      <marked-as-failed-source>....</marked-as-failed-source>
    </marked-as-failed-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<mcs>

Usage

```
<mcs-panel>
  <mcs>
    <slot>
      slot
    </slot>
    <amber-led>
      amber-led
    </amber-led>
    <green-led>
      green-led
    </green-led>
    <blue-led>
      blue-led
    </blue-led>
  </mcs>
</mcs-panel>
```

Description State of the status LEDs on the faceplate of a Miscellaneous Control Subsystem

<mcs>

Usage

```
<craft-information>
  <mcs-panel>
    <mcs>
      <slot>
        slot
      </slot>
      <amber-led>
        amber-led
      </amber-led>
      <green-led>
        green-led
      </green-led>
      <blue-led>
        blue-led
      </blue-led>
```

```
</mcs>
</mcs-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of a Miscellaneous Control Subsystem

<mcs-panel>

Usage

```
<mcs-panel>
<mcs>....</mcs>
</mcs-panel>
```

Description State of the status LEDs on the faceplate of one or more Miscellaneous Control Subsystems

<mcs-panel>

Usage

```
<craft-information>
<mcs-panel>
<mcs>....</mcs>
</mcs-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more Miscellaneous Control Subsystems

<multi-routing-engine-item>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <re-name>
    re-name
  </re-name>
  <chassis-location-information>....</chassis-location-information>
  <chassisd-database-memory-usage>....</chassisd-database-memory-usage>
  <chassis-inventory>....</chassis-inventory>
  <environment-information>....</environment-information>
  <fpc-information>....</fpc-information>
  <fm-topology>....</fm-topology>
  <spmb-information>....</spmb-information>
  <sib-information>....</sib-information>
  <fm-fpc-state-information>....</fm-fpc-state-information>
  <fm-sib-state-information>....</fm-sib-state-information>
  <fpc-sib-hsl-diag-information>....</fpc-sib-hsl-diag-information>
  <scb-information>....</scb-information>
  <route-engine-information>....</route-engine-information>
  <firmware-information>....</firmware-information>
  <system-firmware-information>....</system-firmware-information>
```



```
<system-firmware-compatibility-information>....</system-firmware-compatibility-information>
```

```
    <power-budget-information>....</power-budget-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<multi-routing-engine-results>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>....</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<network-services>

Usage

```
<network-services>
  <network-services-information>....</network-services-information>
</network-services>
```

Description

<network-services-information>

Usage

```
<network-services>
  <network-services-information>
    <name>
      name
    </name>
  </network-services-information>
</network-services>
```

Description

<notification-information>

Usage

```
<poe>
  <notification-information>
    <fpc-number>
      fpc-number
    </fpc-number>
    <notification-status>
      notification-status
    </notification-status>
  </notification-information>
```

</poe>

Description

<output-detail>

Usage

```
<environment-component-information>
  <environment-component-item>
    <output-detail>
      <output-voltage>
        output-voltage
      </output-voltage>
      <output-current>
        output-current
      </output-current>
    </output-detail>
  </environment-component-item>
</environment-component-information>
```

Description Detailed power output information

<pcg>

Usage

```
<pcg-panel>
  <pcg>
    <slot>
      slot
    </slot>
    <amber-led>
      amber-led
    </amber-led>
    <green-led>
      green-led
    </green-led>
    <blue-led>
      blue-led
    </blue-led>
  </pcg>
</pcg-panel>
```

Description State of the status LEDs on the faceplate of a Packet Forwarding Engine Clock Generator

<pcg>

Usage

```
<craft-information>
  <pcg-panel>
    <pcg>
      <slot>
        slot
      </slot>
    </pcg>
  </pcg-panel>
</craft-information>
```

```

</slot>
<amber-led>
  amber-led
</amber-led>
<green-led>
  green-led
</green-led>
<blue-led>
  blue-led
</blue-led>
</pcg>
</pcg-panel>
</craft-information>

```

Description State of the status LEDs on the faceplate of a Packet Forwarding Engine Clock Generator

<pcg-frequency>

Usage

```

<environment-component-information>
  <environment-component-item>
    <pcg-frequency>
      <pcg-frequency-setting>
        pcg-frequency-setting
      </pcg-frequency-setting>
      <pcg-frequency-measurement>
        pcg-frequency-measurement
      </pcg-frequency-measurement>
    </pcg-frequency>
  </environment-component-item>
</environment-component-information>

```

Description PCG Frequency

<pcg-panel>

Usage

```

<pcg-panel>
  <pcg>....</pcg>
</pcg-panel>

```

Description State of the status LEDs on the faceplate of one or more Packet Forwarding Engine Clock Generators

<pcg-panel>

Usage

```

<craft-information>
  <pcg-panel>
    <pcg>....</pcg>
  </pcg-panel>

```

</craft-information>

Description State of the status LEDs on the faceplate of one or more Packet Forwarding Engine Clock Generators

<pem-capacity-detail>

Usage

```
<power-usage-information>
  <power-usage-item>
    <pem-capacity-detail>
      <capacity-actual>
        capacity-actual
      </capacity-actual>
      <capacity-max>
        capacity-max
      </capacity-max>
    </pem-capacity-detail>
  </power-usage-item>
</power-usage-information>
```

Description

<pic>

Usage

```
<fpc-information>
  <fpc>
    <pic>
      <pic-slot>
        pic-slot
      </pic-slot>
      <pic-type>
        pic-type
      </pic-type>
      <pic-state>
        pic-state
      </pic-state>
      <comment>
        comment
      </comment>
    </pic>
  </fpc>
</fpc-information>
```

Description

<pic>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
```

```

<fpc>
  <pic>
    <pic-slot>
      pic-slot
    </pic-slot>
    <pic-type>
      pic-type
    </pic-type>
    <pic-state>
      pic-state
    </pic-state>
    <comment>
      comment
    </comment>
  </pic>
</fpc>
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<pic>

Usage

```

<fpc-panel>
  <fpc>
    <pic>
      <pic-slot>
        pic-slot
      </pic-slot>
      <pic-type>
        pic-type
      </pic-type>
      <pic-state>
        pic-state
      </pic-state>
      <comment>
        comment
      </comment>
    </pic>
  </fpc>
</fpc-panel>

```

Description

<pic>

Usage

```

<front-panel>
  <fpc-panel>
    <fpc>
      <pic>
        <pic-slot>

```

```
        pic-slot
      </pic-slot>
    <pic-type>
      pic-type
    </pic-type>
    <pic-state>
      pic-state
    </pic-state>
    <comment>
      comment
    </comment>
  </pic>
</fpc>
</fpc-panel>
</front-panel>
```

Description

<pic>

Usage

```
<craft-information>
  <front-panel>
    <fpc-panel>
      <fpc>
        <pic>
          <pic-slot>
            pic-slot
          </pic-slot>
          <pic-type>
            pic-type
          </pic-type>
          <pic-state>
            pic-state
          </pic-state>
          <comment>
            comment
          </comment>
        </pic>
      </fpc>
    </fpc-panel>
  </front-panel>
</craft-information>
```

Description

<pic>

Usage

```
<poe>
  <fpc-information>
    <fpc>
      <pic>
        <pic-slot>
```

```

        pic-slot
      </pic-slot>
    <pic-type>
      pic-type
    </pic-type>
    <pic-state>
      pic-state
    </pic-state>
    <comment>
      comment
    </comment>
  </pic>
</fpc>
</fpc-information>
</poe>

```

Description

<pic-detail>

Usage

```

<fpc-information>
  <fpc>
    <pic-detail>
      <slot>
        slot
      </slot>
      <pic-slot>
        pic-slot
      </pic-slot>
      <pic-type>
        pic-type
      </pic-type>
      <asic-type>
        asic-type
      </asic-type>
      <comment>
        comment
      </comment>
      <pic-version>
        pic-version
      </pic-version>
      <state>
        state
      </state>
      <cpu-total>
        cpu-total
      </cpu-total>
      <cpu-interrupt>
        cpu-interrupt
      </cpu-interrupt>
      <memory-buffer-utilization>
        memory-buffer-utilization
      </memory-buffer-utilization>
      <memory-heap-utilization>

```

```
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>
  <cpu-sw-version>
    cpu-sw-version
  </cpu-sw-version>
  <cpu-rom-version>
    cpu-rom-version
  </cpu-rom-version>
  <up-time>
    up-time
  </up-time>
  <pic-package>
    pic-package
  </pic-package>
  <pic-clock-sync>
    pic-clock-sync
  </pic-clock-sync>
  <configured-mode>
    configured-mode
  </configured-mode>
  <port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>
```

Description

<pic-detail>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
      <fpc>
        <pic-detail>
          <slot>
            slot
          </slot>
          <pic-slot>
            pic-slot
          </pic-slot>
          <pic-type>
            pic-type
          </pic-type>
          <asic-type>
            asic-type
          </asic-type>
          <comment>
            comment
          </comment>
          <pic-version>
            pic-version
```



```

</pic-version>
<state>
  state
</state>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<cpu-sw-version>
  cpu-sw-version
</cpu-sw-version>
<cpu-rom-version>
  cpu-rom-version
</cpu-rom-version>
<up-time>
  up-time
</up-time>
<pic-package>
  pic-package
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<pic-detail>

Usage

```

<fpc-panel>
<fpc>
  <pic-detail>
    <slot>
      slot
    </slot>

```

```
<pic-slot>
  pic-slot
</pic-slot>
<pic-type>
  pic-type
</pic-type>
<asic-type>
  asic-type
</asic-type>
<comment>
  comment
</comment>
<pic-version>
  pic-version
</pic-version>
<state>
  state
</state>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<cpu-sw-version>
  cpu-sw-version
</cpu-sw-version>
<cpu-rom-version>
  cpu-rom-version
</cpu-rom-version>
<up-time>
  up-time
</up-time>
<pic-package>
  pic-package
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-panel>
```

| Description | Usage |
|--------------|---|
| <pic-detail> | <pre> <front-panel> <fpc-panel> <fpc> <pic-detail> <slot> slot </slot> <pic-slot> pic-slot </pic-slot> <pic-type> pic-type </pic-type> <asic-type> asic-type </asic-type> <comment> comment </comment> <pic-version> pic-version </pic-version> <state> state </state> <cpu-total> cpu-total </cpu-total> <cpu-interrupt> cpu-interrupt </cpu-interrupt> <memory-buffer-utilization> memory-buffer-utilization </memory-buffer-utilization> <memory-heap-utilization> memory-heap-utilization </memory-heap-utilization> <memory-dram-size> memory-dram-size </memory-dram-size> <cpu-sw-version> cpu-sw-version </cpu-sw-version> <cpu-rom-version> cpu-rom-version </cpu-rom-version> <up-time> up-time </up-time> <pic-package> pic-package </pre> |

```
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-panel>
</front-panel>
```

Description

<pic-detail>

Usage

```
<craft-information>
<front-panel>
  <fpc-panel>
    <fpc>
      <pic-detail>
        <slot>
          slot
        </slot>
        <pic-slot>
          pic-slot
        </pic-slot>
        <pic-type>
          pic-type
        </pic-type>
        <asic-type>
          asic-type
        </asic-type>
        <comment>
          comment
        </comment>
        <pic-version>
          pic-version
        </pic-version>
        <state>
          state
        </state>
        <cpu-total>
          cpu-total
        </cpu-total>
        <cpu-interrupt>
          cpu-interrupt
        </cpu-interrupt>
        <memory-buffer-utilization>
          memory-buffer-utilization
        </memory-buffer-utilization>
        <memory-heap-utilization>
          memory-heap-utilization
```

```

</memory-heap-utilization>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<cpu-sw-version>
  cpu-sw-version
</cpu-sw-version>
<cpu-rom-version>
  cpu-rom-version
</cpu-rom-version>
<up-time>
  up-time
</up-time>
<pic-package>
  pic-package
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-panel>
</front-panel>
</craft-information>

```

Description

<pic-detail>

Usage

```

<poe>
<fpc-information>
<fpc>
  <pic-detail>
    <slot>
      slot
    </slot>
    <pic-slot>
      pic-slot
    </pic-slot>
    <pic-type>
      pic-type
    </pic-type>
    <asic-type>
      asic-type
    </asic-type>
    <comment>
      comment
    </comment>
    <pic-version>
      pic-version

```

```
</pic-version>
<state>
  state
</state>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<cpu-sw-version>
  cpu-sw-version
</cpu-sw-version>
<cpu-rom-version>
  cpu-rom-version
</cpu-rom-version>
<up-time>
  up-time
</up-time>
<pic-package>
  pic-package
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>
</poe>
```

Description

<poe>

Usage

```
<poe>
<interface-information>....</interface-information>
<interface-information-detail>....</interface-information-detail>
<notification-information>....</notification-information>
<controller-information>....</controller-information>
<poe-error>....</poe-error>
<telemetries-information>....</telemetries-information>
```

```
<fpc-information>....</fpc-information>
</poe>
```

Description

<poe-error>

Usage

```
<poe>
  <poe-error>
    <max-power-exceeded-interface>
      max-power-exceeded-interface
    </max-power-exceeded-interface>
    <max-power-exceeded-controller>
      max-power-exceeded-controller
    </max-power-exceeded-controller>
    <poe-software-upgrade-controller>
      poe-software-upgrade-controller
    </poe-software-upgrade-controller>
    <poe-software-upgrade-reboot>
      poe-software-upgrade-reboot
    </poe-software-upgrade-reboot>
  </poe-error>
</poe>
```

Description

<port>

Usage

```
<fpc-information>
  <fpc>
    <pic-detail>
      <port-information>
        <port>
          <port-number>
            port-number
          </port-number>
          <cable-type>
            cable-type
          </cable-type>
          <fiber-mode>
            fiber-mode
          </fiber-mode>
          <sfp-vendor-name>
            sfp-vendor-name
          </sfp-vendor-name>
          <sfp-vendor-pno>
            sfp-vendor-pno
          </sfp-vendor-pno>
          <wavelength>
            wavelength
          </wavelength>
        </port>
```

```
    </port-information>
  </pic-detail>
</fpc>
</fpc-information>
```

Description

<port>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fpc-information>
    <fpc>
      <pic-detail>
        <port-information>
          <port>
            <port-number>
              port-number
            </port-number>
            <cabl-e-type>
              cabl-e-type
            </cabl-e-type>
            <fiber-mode>
              fiber-mode
            </fiber-mode>
            <sfp-vendor-name>
              sfp-vendor-name
            </sfp-vendor-name>
            <sfp-vendor-pno>
              sfp-vendor-pno
            </sfp-vendor-pno>
            <wavelength>
              wavelength
            </wavelength>
          </port>
        </port-information>
      </pic-detail>
    </fpc>
  </fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<port>

Usage

```
<fpc-panel>
<fpc>
  <pic-detail>
    <port-information>
      <port>
        <port-number>
```



```

        port-number
      </port-number>
      < cable-type>
        cable-type
      </cable-type>
      < fiber-mode>
        fiber-mode
      </fiber-mode>
      <sfp-vendor-name>
        sfp-vendor-name
      </sfp-vendor-name>
      <sfp-vendor-pno>
        sfp-vendor-pno
      </sfp-vendor-pno>
      <wavelength>
        wavelength
      </wavelength>
    </port>
  </port-information>
</pic-detail>
</fpc>
</fpc-panel>

```

Description

<port>

Usage

```

<front-panel>
<fpc-panel>
<fpc>
  <pic-detail>
    <port-information>
      <port>
        <port-number>
          port-number
        </port-number>
        < cable-type>
          cable-type
        </cable-type>
        < fiber-mode>
          fiber-mode
        </fiber-mode>
        <sfp-vendor-name>
          sfp-vendor-name
        </sfp-vendor-name>
        <sfp-vendor-pno>
          sfp-vendor-pno
        </sfp-vendor-pno>
        <wavelength>
          wavelength
        </wavelength>
      </port>
    </port-information>
  </pic-detail>

```

```
</fpc>
</fpc-panel>
</front-panel>
```

Description

<port>

Usage

```
<craft-information>
  <front-panel>
    <fpc-panel>
      <fpc>
        <pic-detail>
          <port-information>
            <port>
              <port-number>
                port-number
              </port-number>
              <cabl-e-type>
                cabl-e-type
              </cabl-e-type>
              <fiber-mode>
                fiber-mode
              </fiber-mode>
              <sfp-vendor-name>
                sfp-vendor-name
              </sfp-vendor-name>
              <sfp-vendor-pno>
                sfp-vendor-pno
              </sfp-vendor-pno>
              <wavelength>
                wavelength
              </wavelength>
            </port>
          </port-information>
        </pic-detail>
      </fpc>
    </fpc-panel>
  </front-panel>
</craft-information>
```

Description

<port>

Usage

```
<poe>
  <fpc-information>
    <fpc>
      <pic-detail>
        <port-information>
          <port>
            <port-number>
```

```

        port-number
      </port-number>
      < cable-type>
        cable-type
      </cable-type>
      < fiber-mode>
        fiber-mode
      </fiber-mode>
      < sfp-vendor-name>
        sfp-vendor-name
      </sfp-vendor-name>
      < sfp-vendor-pno>
        sfp-vendor-pno
      </sfp-vendor-pno>
      < wavelength>
        wavelength
      </wavelength>
    </port>
  </port-information>
</pic-detail>
</fpc>
</fpc-information>
</poe>

```

Description

<port-information>

Usage

```

<fpc-information>
<fpc>
  <pic-detail>
    <port-information>
      <port>....</port>
    </port-information>
  </pic-detail>
</fpc>
</fpc-information>

```

Description

<port-information>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <fpc-information>
    <fpc>
      <pic-detail>
        <port-information>
          <port>....</port>
        </port-information>
      </pic-detail>
    </fpc>
  </fpc-information>

```

```
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<port-information>

Usage

```
<fpc-panel>
  <fpc>
    <pic-detail>
      <port-information>
        <port>....</port>
      </port-information>
    </pic-detail>
  </fpc>
</fpc-panel>
```

Description

<port-information>

Usage

```
<front-panel>
  <fpc-panel>
    <fpc>
      <pic-detail>
        <port-information>
          <port>....</port>
        </port-information>
      </pic-detail>
    </fpc>
  </fpc-panel>
</front-panel>
```

Description

<port-information>

Usage

```
<craft-information>
  <front-panel>
    <fpc-panel>
      <fpc>
        <pic-detail>
          <port-information>
            <port>....</port>
          </port-information>
        </pic-detail>
      </fpc>
    </fpc-panel>
  </front-panel>
```

```
</craft-information>
```

Description

<port-information>

Usage

```
<poe>
  <fpc-information>
    <fpc>
      <pic-detail>
        <port-information>
          <port>....</port>
        </port-information>
      </pic-detail>
    </fpc>
  </fpc-information>
</poe>
```

Description

<power-budget-information>

Usage

```
<power-budget-information>
  <psu-slot>
    psu-slot
  </psu-slot>
  <psu-type>
    psu-type
  </psu-type>
  <power-supplied-psu>
    power-supplied-psu
  </power-supplied-psu>
  <total-power-supplied>
    total-power-supplied
  </total-power-supplied>
  <base-power>
    base-power
  </base-power>
  <psu-redundancy-config>
    psu-redundancy-config
  </psu-redundancy-config>
  <line-card-slot>
    line-card-slot
  </line-card-slot>
  <line-card-type>
    line-card-type
  </line-card-type>
  <line-card-power>
    line-card-power
  </line-card-power>
  <line-card-priority>
    line-card-priority
```

```
</line-card-priority>
<actual-power-used>
  actual-power-used
</actual-power-used>
<power-available-redundant-case>
  power-available-redundant-case
</power-available-redundant-case>
<total-power-available>
  total-power-available
</total-power-available>
</power-budget-information>
```

Description

<power-budget-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <power-budget-information>
      <psu-slot>
        psu-slot
      </psu-slot>
      <psu-type>
        psu-type
      </psu-type>
      <power-supplied-psu>
        power-supplied-psu
      </power-supplied-psu>
      <total-power-supplied>
        total-power-supplied
      </total-power-supplied>
      <base-power>
        base-power
      </base-power>
      <psu-redundancy-config>
        psu-redundancy-config
      </psu-redundancy-config>
      <line-card-slot>
        line-card-slot
      </line-card-slot>
      <line-card-type>
        line-card-type
      </line-card-type>
      <line-card-power>
        line-card-power
      </line-card-power>
      <line-card-priority>
        line-card-priority
      </line-card-priority>
      <actual-power-used>
        actual-power-used
      </actual-power-used>
      <power-available-redundant-case>
        power-available-redundant-case
```

```

</power-available-redundant-case>
<total-power-available>
  total-power-available
</total-power-available>
</power-budget-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<power-information>

Usage

```

<environment-component-information>
  <environment-component-item>
    <power-information>
      <power-title>....</power-title>
      <voltage-title>
        voltage-title
      </voltage-title>
      <voltage>....</voltage>
    </power-information>
  </environment-component-item>
</environment-component-information>

```

Description

<power-management>

Usage

```

<power-management>
  <power-mgmt-device>
    power-mgmt-device
  </power-mgmt-device>
  <power-mgmt-low-power>
    power-mgmt-low-power
  </power-mgmt-low-power>
  <power-mgmt-high-power>
    power-mgmt-high-power
  </power-mgmt-high-power>
  <power-mgmt-heat>
    power-mgmt-heat
  </power-mgmt-heat>
  <power-mgmt-state>
    power-mgmt-state
  </power-mgmt-state>
</power-management>

```

Description Information about JSeries Power Management

<power-management>

Usage

```
<power-management-information>
<power-management>
  <power-mgmt-device>
    power-mgmt-device
  </power-mgmt-device>
  <power-mgmt-low-power>
    power-mgmt-low-power
  </power-mgmt-low-power>
  <power-mgmt-high-power>
    power-mgmt-high-power
  </power-mgmt-high-power>
  <power-mgmt-heat>
    power-mgmt-heat
  </power-mgmt-heat>
  <power-mgmt-state>
    power-mgmt-state
  </power-mgmt-state>
</power-management>
</power-management-information>
```

Description Information about JSeries Power Management

<power-management-information>

Usage

```
<power-management-information>
  <power-management>....</power-management>
</power-management-information>
```

Description All information about JSeries Power Management

<power-supply>

Usage

```
<power-supply-panel>
<power-supply>
  <slot>
    slot
  </slot>
  <amber-led>
    amber-led
  </amber-led>
  <green-led>
    green-led
  </green-led>
  <blue-led>
    blue-led
  </blue-led>
</power-supply>
```


</power-supply-panel>

Description State of the status LEDs on the faceplate of a power supply

<power-supply>

Usage

```
<craft-information>
  <power-supply-panel>
    <power-supply>
      <slot>
        slot
      </slot>
      <amber-led>
        amber-led
      </amber-led>
      <green-led>
        green-led
      </green-led>
      <blue-led>
        blue-led
      </blue-led>
    </power-supply>
  </power-supply-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of a power supply

<power-supply-panel>

Usage

```
<power-supply-panel>
  <power-supply>....</power-supply>
</power-supply-panel>
```

Description State of the status LEDs on the faceplate of one or more power supplies

<power-supply-panel>

Usage

```
<craft-information>
  <power-supply-panel>
    <power-supply>....</power-supply>
  </power-supply-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more power supplies

<power-title>

Usage

```
<environment-component-information>
  <environment-component-item>
    <power-information>
      <power-title>
        <power-type>
          power-type
        </power-type>
        <power-state>
          power-state
        </power-state>
      </power-title>
    </power-information>
  </environment-component-item>
</environment-component-information>
```

Description

<power-usage-information>

Usage

```
<power-usage-information>
  <capacity-actual>
    capacity-actual
  </capacity-actual>
  <capacity-max>
    capacity-max
  </capacity-max>
  <capacity-allocated>
    capacity-allocated
  </capacity-allocated>
  <capacity-remaining>
    capacity-remaining
  </capacity-remaining>
  <capacity-actual-usage>
    capacity-actual-usage
  </capacity-actual-usage>
  <capacity-load>
    capacity-load
  </capacity-load>
  <zone>
    zone
  </zone>
  <power-usage-item>....</power-usage-item>
  <power-usage-system>....</power-usage-system>
</power-usage-information>
```

Description

<power-usage-item>**Usage**

```

<power-usage-information>
  <power-usage-item>
    <name>
      name
    </name>
    <status>
      status
    </status>
    <state>
      state
    </state>
    <ac-input-detail>....</ac-input-detail>
    <dc-input-detail>....</dc-input-detail>
    <dc-output-detail>....</dc-output-detail>
    <pem-capacity-detail>....</pem-capacity-detail>
  </power-usage-item>
</power-usage-information>

```

Description**<power-usage-system>****Usage**

```

<power-usage-information>
  <power-usage-system>
    <power-usage-zone-information>....</power-usage-zone-information>
    <capacity-sys-actual>
      capacity-sys-actual
    </capacity-sys-actual>
    <capacity-sys-max>
      capacity-sys-max
    </capacity-sys-max>
    <capacity-sys-remaining>
      capacity-sys-remaining
    </capacity-sys-remaining>
  </power-usage-system>
</power-usage-information>

```

Description**<power-usage-zone-information>****Usage**

```

<power-usage-information>
  <power-usage-system>
    <power-usage-zone-information>
      <zone>
        zone
      </zone>
      <capacity-actual>
        capacity-actual

```

```
</capacity-actual>
<capacity-max>
  capacity-max
</capacity-max>
<capacity-remaining>
  capacity-remaining
</capacity-remaining>
<capacity-allocated>
  capacity-allocated
</capacity-allocated>
<capacity-actual-usage>
  capacity-actual-usage
</capacity-actual-usage>
</power-usage-zone-information>
</power-usage-system>
</power-usage-information>
```

Description

<psd>

Usage

```
<psd-information>
<psd>
  <slot>
    slot
  </slot>
  <description>
    description
  </description>
  <state>
    state
  </state>
  <up-time>
    up-time
  </up-time>
  <comment>
    comment
  </comment>
</psd>
</psd-information>
```

Description

<psd-information>

Usage

```
<psd-information>
<psd>....</psd>
</psd-information>
```

Description

<re>

Usage

```
<re-panel>
  <re>
    <slot>
      slot
    </slot>
    <ok-led>
      ok-led
    </ok-led>
    <fail-led>
      fail-led
    </fail-led>
    <master-led>
      master-led
    </master-led>
  </re>
</re-panel>
```

Description State of status LEDs on the craft interface for a Routing Engine. The front panel of the Routing Engine has the same LEDs.

<re>

Usage

```
<front-panel>
  <re-panel>
    <re>
      <slot>
        slot
      </slot>
      <ok-led>
        ok-led
      </ok-led>
      <fail-led>
        fail-led
      </fail-led>
      <master-led>
        master-led
      </master-led>
    </re>
  </re-panel>
</front-panel>
```

Description State of status LEDs on the craft interface for a Routing Engine. The front panel of the Routing Engine has the same LEDs.

<re>

Usage

```
<craft-information>
```

```
<front-panel>
  <re-panel>
    <re>
      <slot>
        slot
      </slot>
      <ok-led>
        ok-led
      </ok-led>
      <fail-led>
        fail-led
      </fail-led>
      <master-led>
        master-led
      </master-led>
    </re>
  </re-panel>
</front-panel>
</craft-information>
```

Description State of status LEDs on the craft interface for a Routing Engine. The front panel of the Routing Engine has the same LEDs.

<re-panel>

Usage

```
<re-panel>
  <re>....</re>
</re-panel>
```

Description State of status LEDs on the craft interface for one or more Routing Engines. The front panel of each Routing Engine has the same LEDs.

<re-panel>

Usage

```
<front-panel>
  <re-panel>
    <re>....</re>
  </re-panel>
</front-panel>
```

Description State of status LEDs on the craft interface for one or more Routing Engines. The front panel of each Routing Engine has the same LEDs.

<re-panel>

Usage

```
<craft-information>
  <front-panel>
    <re-panel>
```

```

    <re>....</re>
  </re-panel>
</front-panel>
</craft-information>

```

Description State of status LEDs on the craft interface for one or more Routing Engines. The front panel of each Routing Engine has the same LEDs.

<read-register>

Usage

```

<read-register>
  <cb-slot>
    cb-slot
  </cb-slot>
  <fchip-id>
    fchip-id
  </fchip-id>
  <address>
    address
  </address>
  <data>
    data
  </data>
</read-register>

```

Description Read switch fabric register

<recb-panel>

Usage

```

<recb-panel>
  <ha-led>....</ha-led>
  <sfb-led>....</sfb-led>
  <cfm-ok-fail-led>....</cfm-ok-fail-led>
  <cfm-service-led>....</cfm-service-led>
  <sysio-status-led>....</sysio-status-led>
</recb-panel>

```

Description Information about LEDs from the craft interface

<recb-panel>

Usage

```

<craft-information>
  <recb-panel>
    <ha-led>....</ha-led>
    <sfb-led>....</sfb-led>
    <cfm-ok-fail-led>....</cfm-ok-fail-led>
    <cfm-service-led>....</cfm-service-led>
    <sysio-status-led>....</sysio-status-led>
  </recb-panel>
</craft-information>

```

```
</recb-panel>
</craft-information>
```

Description Information about LEDs from the craft interface

<revision>

Usage

```
<environment-component-information>
  <environment-component-item>
    <revision>
      <revision-name>
        revision-name
      </revision-name>
      <revision-number>
        revision-number
      </revision-number>
    </revision>
  </environment-component-item>
</environment-component-information>
```

Description

<route-engine>

Usage

```
<route-engine-information>
  <route-engine>
    <description>
      description
    </description>
    <slot>
      slot
    </slot>
    <physical-slot>
      physical-slot
    </physical-slot>
    <mastership-state>
      mastership-state
    </mastership-state>
    <mastership-priority>
      mastership-priority
    </mastership-priority>
    <status>
      status
    </status>
    <model>
      model
    </model>
    <temperature>
      temperature
    </temperature>
    <cpu-temperature>
      cpu-temperature
    </cpu-temperature>
  </route-engine>
</route-engine-information>
```



```
</cpu-temperature>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-system-total>
  memory-system-total
</memory-system-total>
<memory-system-total-used>
  memory-system-total-used
</memory-system-total-used>
<memory-system-total-util>
  memory-system-total-util
</memory-system-total-util>
<memory-control-plane>
  memory-control-plane
</memory-control-plane>
<memory-control-plane-used>
  memory-control-plane-used
</memory-control-plane-used>
<memory-control-plane-util>
  memory-control-plane-util
</memory-control-plane-util>
<memory-data-plane>
  memory-data-plane
</memory-data-plane>
<memory-data-plane-used>
  memory-data-plane-used
</memory-data-plane-used>
<memory-data-plane-util>
  memory-data-plane-util
</memory-data-plane-util>
<control-plane-cpu-count>
  control-plane-cpu-count
</control-plane-cpu-count>
<data-plane-cpu-count>
  data-plane-cpu-count
</data-plane-cpu-count>
<cpu-user>
  cpu-user
</cpu-user>
<cpu-real-time>
  cpu-real-time
</cpu-real-time>
<cpu-background>
  cpu-background
</cpu-background>
<cpu-system>
  cpu-system
</cpu-system>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-idle>
```

```
    cpu-idle
  </cpu-idle>
  <serial-number>
    serial-number
  </serial-number>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
  <last-reboot-reason>
    last-reboot-reason
  </last-reboot-reason>
  <load-average-one>
    load-average-one
  </load-average-one>
  <load-average-five>
    load-average-five
  </load-average-five>
  <load-average-fifteen>
    load-average-fifteen
  </load-average-fifteen>
  <bios-version>
    bios-version
  </bios-version>
  <bios-date>
    bios-date
  </bios-date>
  <bios-id>
    bios-id
  </bios-id>
</route-engine>
</route-engine-information>
```

Description

<route-engine>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <route-engine-information>
      <route-engine>
        <description>
          description
        </description>
        <slot>
          slot
        </slot>
        <physical-slot>
          physical-slot
        </physical-slot>
        <mastership-state>
          mastership-state
```

```
</mastership-state>
<mastership-priority>
  mastership-priority
</mastership-priority>
<status>
  status
</status>
<model>
  model
</model>
<temperature>
  temperature
</temperature>
<cpu-temperature>
  cpu-temperature
</cpu-temperature>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-system-total>
  memory-system-total
</memory-system-total>
<memory-system-total-used>
  memory-system-total-used
</memory-system-total-used>
<memory-system-total-util>
  memory-system-total-util
</memory-system-total-util>
<memory-control-plane>
  memory-control-plane
</memory-control-plane>
<memory-control-plane-used>
  memory-control-plane-used
</memory-control-plane-used>
<memory-control-plane-util>
  memory-control-plane-util
</memory-control-plane-util>
<memory-data-plane>
  memory-data-plane
</memory-data-plane>
<memory-data-plane-used>
  memory-data-plane-used
</memory-data-plane-used>
<memory-data-plane-util>
  memory-data-plane-util
</memory-data-plane-util>
<control-plane-cpu-count>
  control-plane-cpu-count
</control-plane-cpu-count>
<data-plane-cpu-count>
  data-plane-cpu-count
</data-plane-cpu-count>
<cpu-user>
```

```
    cpu-user
  </cpu-user>
  <cpu-real-time>
    cpu-real-time
  </cpu-real-time>
  <cpu-background>
    cpu-background
  </cpu-background>
  <cpu-system>
    cpu-system
  </cpu-system>
  <cpu-interrupt>
    cpu-interrupt
  </cpu-interrupt>
  <cpu-idle>
    cpu-idle
  </cpu-idle>
  <serial-number>
    serial-number
  </serial-number>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
  <last-reboot-reason>
    last-reboot-reason
  </last-reboot-reason>
  <load-average-one>
    load-average-one
  </load-average-one>
  <load-average-five>
    load-average-five
  </load-average-five>
  <load-average-fifteen>
    load-average-fifteen
  </load-average-fifteen>
  <bios-version>
    bios-version
  </bios-version>
  <bios-date>
    bios-date
  </bios-date>
  <bios-id>
    bios-id
  </bios-id>
</route-engine>
</route-engine-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<route-engine-information>

Usage

```
<route-engine-information>
  <route-engine> ....</route-engine>
</route-engine-information>
```

Description

<route-engine-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <route-engine-information>
      <route-engine> ....</route-engine>
    </route-engine-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<scb>

Usage

```
<scb-information>
  <scb>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <failover-count>
      failover-count
    </failover-count>
    <reset-count>
      reset-count
    </reset-count>
    <activate-count>
      activate-count
    </activate-count>
    <temperature>
      temperature
    </temperature>
    <intake-temperature>
      intake-temperature
    </intake-temperature>
    <exhaust-temperature>
      exhaust-temperature
    </exhaust-temperature>
    <exhaust-a-temperature>
      exhaust-a-temperature
    </exhaust-a-temperature>
```

```
<exhaust-b-temperature>
  exhaust-b-temperature
</exhaust-b-temperature>
<spp-temperature>
  spp-temperature
</spp-temperature>
<spr-temperature>
  spr-temperature
</spr-temperature>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-total-ukern>
  cpu-total-ukern
</cpu-total-ukern>
<cpu-total-rt>
  cpu-total-rt
</cpu-total-rt>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-name>
  asic-name
</asic-name>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<max-power-consumption>
  max-power-consumption
```

```

    </max-power-consumption>
  </scb>
</scb-information>

```

Description

<scb>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <scb-information>
      <scb>
        <slot>
          slot
        </slot>
        <state>
          state
        </state>
        <failover-count>
          failover-count
        </failover-count>
        <reset-count>
          reset-count
        </reset-count>
        <activate-count>
          activate-count
        </activate-count>
        <temperature>
          temperature
        </temperature>
        <intake-temperature>
          intake-temperature
        </intake-temperature>
        <exhaust-temperature>
          exhaust-temperature
        </exhaust-temperature>
        <exhaust-a-temperature>
          exhaust-a-temperature
        </exhaust-a-temperature>
        <exhaust-b-temperature>
          exhaust-b-temperature
        </exhaust-b-temperature>
        <spp-temperature>
          spp-temperature
        </spp-temperature>
        <spr-temperature>
          spr-temperature
        </spr-temperature>
        <cpu-total>
          cpu-total
        </cpu-total>
        <cpu-total-ukern>
          cpu-total-ukern
        </cpu-total-ukern>
      </scb>
    </scb-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<cpu-total-rt>
  cpu-total-rt
</cpu-total-rt>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-name>
  asic-name
</asic-name>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
</scb>
</scb-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<scb-information>

Usage

```
<scb-information>
  <scb-type>
    scb-type
```



```

</scb-type>
<cross-connect>
  cross-connect
</cross-connect>
<packet-scheduling>
  packet-scheduling
</packet-scheduling>
<scb>....</scb>
</scb-information>

```

Description

<scb-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <scb-information>
      <scb-type>
        scb-type
      </scb-type>
      <cross-connect>
        cross-connect
      </cross-connect>
      <packet-scheduling>
        packet-scheduling
      </packet-scheduling>
      <scb>....</scb>
    </scb-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<scg>

Usage

```

<scg-panel>
  <scg>
    <slot>
      slot
    </slot>
    <amber-led>
      amber-led
    </amber-led>
    <green-led>
      green-led
    </green-led>
    <blue-led>
      blue-led
    </blue-led>
  </scg>
</scg-panel>

```

Description State of the status LEDs on the faceplate of a SONET Clock Generator

<scg>

Usage

```
<craft-information>
  <scg-panel>
    <scg>
      <slot>
        slot
      </slot>
      <amber-led>
        amber-led
      </amber-led>
      <green-led>
        green-led
      </green-led>
      <blue-led>
        blue-led
      </blue-led>
    </scg>
  </scg-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of a SONET Clock Generator

<scg-panel>

Usage

```
<scg-panel>
  <scg>....</scg>
</scg-panel>
```

Description State of the status LEDs on the faceplate of one or more SONET ClockGenerators

<scg-panel>

Usage

```
<craft-information>
  <scg-panel>
    <scg>....</scg>
  </scg-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more SONET ClockGenerators

<sfb-led>

Usage

```
<sfb-led>
<red-led>
```

```
    red-led
  </red-led>
  <yellow-led>
    yellow-led
  </yellow-led>
  <amber-led>
    amber-led
  </amber-led>
  <blink-led>
    blink-led
  </blink-led>
</sfb-led>
```

Description State of the SFB LED on the craft interface

<sfb-led>

Usage

```
<recb-panel>
  <sfb-led>
    <red-led>
      red-led
    </red-led>
    <yellow-led>
      yellow-led
    </yellow-led>
    <amber-led>
      amber-led
    </amber-led>
    <blink-led>
      blink-led
    </blink-led>
  </sfb-led>
</recb-panel>
```

Description State of the SFB LED on the craft interface

<sfb-led>

Usage

```
<craft-information>
  <recb-panel>
    <sfb-led>
      <red-led>
        red-led
      </red-led>
      <yellow-led>
        yellow-led
      </yellow-led>
      <amber-led>
        amber-led
      </amber-led>
      <blink-led>
```

```
        blink-led
      </blink-led>
    </sfb-led>
  </recb-panel>
</craft-information>
```

Description State of the SFB LED on the craft interface

<sfm>

Usage

```
<sfm-panel>
  <sfm>
    <slot>
      slot
    </slot>
    <amber-led>
      amber-led
    </amber-led>
    <green-led>
      green-led
    </green-led>
    <blue-led>
      blue-led
    </blue-led>
  </sfm>
</sfm-panel>
```

Description State of the status LEDs on the faceplate of a Switching and Forwarding Module

<sfm>

Usage

```
<craft-information>
  <sfm-panel>
    <sfm>
      <slot>
        slot
      </slot>
      <amber-led>
        amber-led
      </amber-led>
      <green-led>
        green-led
      </green-led>
      <blue-led>
        blue-led
      </blue-led>
    </sfm>
  </sfm-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of a Switching and Forwarding Module

<sfm-panel>

Usage

```
<sfm-panel>
  <sfm>....</sfm>
</sfm-panel>
```

Description State of the status LEDs on the faceplate of one or more Switching and Forwarding Modules

<sfm-panel>

Usage

```
<craft-information>
  <sfm-panel>
    <sfm>....</sfm>
  </sfm-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more Switching and Forwarding Modules

<sib>

Usage

```
<sib-information>
  <sib>
    <slot>
      slot
    </slot>
    <slot-type>
      slot-type
    </slot-type>
    <state>
      state
    </state>
    <sib-type>
      sib-type
    </sib-type>
    <destination-error>
      destination-error
    </destination-error>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
    <ok-led>
      ok-led
```

```
</ok-led>
<fail-led>
  fail-led
</fail-led>
<active-led>
  active-led
</active-led>
</sib>
</sib-information>
```

Description

<sib>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<sib-information>
  <sib>
    <slot>
      slot
    </slot>
    <slot-type>
      slot-type
    </slot-type>
    <state>
      state
    </state>
    <sib-type>
      sib-type
    </sib-type>
    <destination-error>
      destination-error
    </destination-error>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
    <ok-led>
      ok-led
    </ok-led>
    <fail-led>
      fail-led
    </fail-led>
    <active-led>
      active-led
    </active-led>
  </sib>
</sib-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

| Description | |
|---|--|
| <sib> | |
| Usage | |
| <pre><sib-panel> <sib> <slot> slot </slot> <slot-type> slot-type </slot-type> <state> state </state> <sib-type> sib-type </sib-type> <destination-error> destination-error </destination-error> <up-time> up-time </up-time> <comment> comment </comment> <ok-led> ok-led </ok-led> <fail-led> fail-led </fail-led> <active-led> active-led </active-led> </sib> </sib-panel></pre> | |

| Description | |
|---|--|
| <sib> | |
| Usage | |
| <pre><craft-information> <sib-panel> <sib> <slot> slot </slot> <slot-type> slot-type </slot-type> <state></pre> | |

```
    state
  </state>
  <sib-type>
    sib-type
  </sib-type>
  <destination-error>
    destination-error
  </destination-error>
  <up-time>
    up-time
  </up-time>
  <comment>
    comment
  </comment>
  <ok-led>
    ok-led
  </ok-led>
  <fail-led>
    fail-led
  </fail-led>
  <active-led>
    active-led
  </active-led>
</sib>
</sib-panel>
</craft-information>
```

Description

<sib-information>

Usage

```
<sib-information>
  <sib>....</sib>
  <use-cli-info>
    use-cli-info
  </use-cli-info>
</sib-information>
```

Description

<sib-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <sib-information>
      <sib>....</sib>
      <use-cli-info>
        use-cli-info
      </use-cli-info>
    </sib-information>
  </multi-routing-engine-item>
```


</multi-routing-engine-results>

Description

<sib-panel>

Usage

```
<sib-panel>
  <sib>....</sib>
</sib-panel>
```

Description State of the status LEDs on the faceplate of one or more Switch Interface Boards. Some of the LEDs also appear on the craft interface.

<sib-panel>

Usage

```
<craft-information>
  <sib-panel>
    <sib>....</sib>
  </sib-panel>
</craft-information>
```

Description State of the status LEDs on the faceplate of one or more Switch Interface Boards. Some of the LEDs also appear on the craft interface.

<slave-registers>

Usage

```
<environment-component-information>
  <environment-component-item>
    <slave-registers-information>
      <slave-registers>
        <slave-registers-name>
          slave-registers-name
        </slave-registers-name>
        <slave-registers-value>
          slave-registers-value
        </slave-registers-value>
      </slave-registers>
    </slave-registers-information>
  </environment-component-item>
</environment-component-information>
```

Description Slave register values

<slave-registers-information>

Usage

```
<environment-component-information>
```

```
<environment-component-item>
  <slave-registers-information>
    <slave-registers-title>
      slave-registers-title
    </slave-registers-title>
    <slave-registers>....</slave-registers>
  </slave-registers-information>
</environment-component-item>
</environment-component-information>
```

Description

<spmb>

Usage

```
<spmb-information>
  <spmb>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <cpu-total>
      cpu-total
    </cpu-total>
    <cpu-interrupt>
      cpu-interrupt
    </cpu-interrupt>
    <memory-heap-utilization>
      memory-heap-utilization
    </memory-heap-utilization>
    <memory-buffer-utilization>
      memory-buffer-utilization
    </memory-buffer-utilization>
    <start-time>
      start-time
    </start-time>
    <up-time>
      up-time
    </up-time>
  </spmb>
</spmb-information>
```

Description

<spmb>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <spmb-information>
      <spmb>
        <slot>
```

```

    slot
  </slot>
  <state>
    state
  </state>
  <cpu-total>
    cpu-total
  </cpu-total>
  <cpu-interrupt>
    cpu-interrupt
  </cpu-interrupt>
  <memory-heap-utilization>
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-buffer-utilization>
    memory-buffer-utilization
  </memory-buffer-utilization>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
</spmb>
</spmb-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<spmb-information>****Usage**

```

<spmb-information>
  <spmb>.....</spmb>
</spmb-information>

```

Description**<spmb-information>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <spmb-information>
      <spmb>.....</spmb>
    </spmb-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<synchronization-source-list>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <current-source>....</current-source>
      <configured-source-list>....</configured-source-list>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<sysio-status-led>

Usage

```
<sysio-status-led>
  <red-led>
    red-led
  </red-led>
  <yellow-led>
    yellow-led
  </yellow-led>
  <amber-led>
    amber-led
  </amber-led>
  <blink-led>
    blink-led
  </blink-led>
</sysio-status-led>
```

Description State of the SYSIO Status LED on the craft interface

<sysio-status-led>

Usage

```
<recb-panel>
  <sysio-status-led>
    <red-led>
      red-led
    </red-led>
    <yellow-led>
      yellow-led
    </yellow-led>
    <amber-led>
      amber-led
    </amber-led>
    <blink-led>
      blink-led
    </blink-led>
  </sysio-status-led>
```

```
</recb-panel>
```

Description State of the SYSIO Status LED on the craft interface

<sysio-status-led>

Usage

```
<craft-information>
  <recb-panel>
    <sysio-status-led>
      <red-led>
        red-led
      </red-led>
      <yellow-led>
        yellow-led
      </yellow-led>
      <amber-led>
        amber-led
      </amber-led>
      <blink-led>
        blink-led
      </blink-led>
    </sysio-status-led>
  </recb-panel>
</craft-information>
```

Description State of the SYSIO Status LED on the craft interface

<system-firmware>

Usage

```
<system-firmware>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <system-sub-module-firmware-list>....</system-sub-module-firmware-list>
</system-firmware>
```

Description**<system-firmware>****Usage**

```
<system-firmware-information>
  <system-firmware>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-tag>
      firmware-tag
    </firmware-tag>
    <firmware-revision>
      firmware-revision
    </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
    <system-sub-module-firmware-list>....</system-sub-module-firmware-list>
  </system-firmware>
</system-firmware-information>
```

Description**<system-firmware>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
      <system-firmware>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
          firmware-tag
        </firmware-tag>
        <firmware-revision>
          firmware-revision
        </firmware-revision>
        <firmware-revision-available>
          firmware-revision-available
        </firmware-revision-available>
        <firmware-status>
          firmware-status
      </system-firmware>
    </system-firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

```

        </firmware-status>
        <system-sub-module-firmware-list>....</system-sub-module-firmware-list>

        </system-firmware>
        </system-firmware-information>
        </multi-routing-engine-item>
        </multi-routing-engine-results>

```

Description

<system-firmware-compatibility>

Usage

```

<system-firmware-compatibility>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <firmware-action>
    firmware-action
  </firmware-action>

  <system-sub-module-firmware-compatibility-list>....</system-sub-module-firmware-compatibility-list>

</system-firmware-compatibility>

```

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility>

Usage

```

<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-tag>

```

```
        firmware-tag
      </firmware-tag>
    <firmware-revision>
      firmware-revision
    </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
    <firmware-action>
      firmware-action
    </firmware-action>

    <system-sub-module-firmware-compatibility-list>...</system-sub-module-firmware-compatibility-list>

  </system-firmware-compatibility>
</system-firmware-compatibility-information>
```

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <system-firmware-compatibility>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
          firmware-tag
        </firmware-tag>
        <firmware-revision>
          firmware-revision
        </firmware-revision>
        <firmware-revision-available>
          firmware-revision-available
        </firmware-revision-available>
        <firmware-status>
          firmware-status
        </firmware-status>
        <firmware-action>
          firmware-action
        </firmware-action>

        <system-sub-module-firmware-compatibility-list>...</system-sub-module-firmware-compatibility-list>

      </system-firmware-compatibility>
```



```

    </system-firmware-compatibility-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility-information>

Usage

```

<system-firmware-compatibility-information>
  <firmware-version-mismatch>....</firmware-version-mismatch>
  <system-firmware-compatibility>....</system-firmware-compatibility>
</system-firmware-compatibility-information>

```

Description Compatibility information about installed firmware version & JFirmware

<system-firmware-compatibility-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <firmware-version-mismatch>....</firmware-version-mismatch>
      <system-firmware-compatibility>....</system-firmware-compatibility>
    </system-firmware-compatibility-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Compatibility information about installed firmware version & JFirmware

<system-firmware-information>

Usage

```

<system-firmware-information>
  <system-firmware>....</system-firmware>
</system-firmware-information>

```

Description Information about component firmware versions

<system-firmware-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
      <system-firmware>....</system-firmware>
    </system-firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Information about component firmware versions

<system-led>

Usage

```
<front-panel-lcd>
  <system-led>
    <system-led-display>....</system-led-display>
  </system-led>
</front-panel-lcd>
```

Description State of system LEDs on the front panel

<system-led>

Usage

```
<get-craft-information-lcd>
  <front-panel-lcd>
    <system-led>
      <system-led-display>....</system-led-display>
    </system-led>
  </front-panel-lcd>
</get-craft-information-lcd>
```

Description State of system LEDs on the front panel

<system-led-display>

Usage

```
<front-panel-lcd>
  <system-led>
    <system-led-display>
      <name>
        name
      </name>
      <led-status>
        led-status
      </led-status>
    </system-led-display>
  </system-led>
</front-panel-lcd>
```

Description

<system-led-display>

Usage

```
<get-craft-information-lcd>
  <front-panel-lcd>
    <system-led>
      <system-led-display>
        <name>
```

```

        name
      </name>
    <led-status>
      led-status
    </led-status>
  </system-led-display>
</system-led>
</front-panel-lcd>
</get-craft-information-lcd>

```

Description

<system-sub-module-firmware>

Usage

```

<system-firmware>
  <system-sub-module-firmware-list>
    <system-sub-module-firmware>
      <firmware-name>
        firmware-name
      </firmware-name>
      <firmware-type>
        firmware-type
      </firmware-type>
      <firmware-tag>
        firmware-tag
      </firmware-tag>
      <firmware-revision>
        firmware-revision
      </firmware-revision>
      <firmware-revision-available>
        firmware-revision-available
      </firmware-revision-available>
      <firmware-status>
        firmware-status
      </firmware-status>
    </system-sub-module-firmware>
  </system-sub-module-firmware-list>
</system-firmware>

```

Description Firmware sub module

<system-sub-module-firmware>

Usage

```

<system-firmware-information>
  <system-firmware>
    <system-sub-module-firmware-list>
      <system-sub-module-firmware>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type

```

```
</firmware-type>
<firmware-tag>
  firmware-tag
</firmware-tag>
<firmware-revision>
  firmware-revision
</firmware-revision>
<firmware-revision-available>
  firmware-revision-available
</firmware-revision-available>
<firmware-status>
  firmware-status
</firmware-status>
</system-sub-module-firmware>
</system-sub-module-firmware-list>
</system-firmware>
</system-firmware-information>
```

Description Firmware sub module

<system-sub-module-firmware>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<system-firmware-information>
<system-firmware>
<system-sub-module-firmware-list>
<system-sub-module-firmware>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
</system-sub-module-firmware>
</system-sub-module-firmware-list>
</system-firmware>
</system-firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```
<system-firmware-compatibility>
  <system-sub-module-firmware-compatibility-list>
    <system-sub-module-firmware-compatibility>
      <firmware-name>
        firmware-name
      </firmware-name>
      <firmware-type>
        firmware-type
      </firmware-type>
      <firmware-tag>
        firmware-tag
      </firmware-tag>
      <firmware-revision>
        firmware-revision
      </firmware-revision>
      <firmware-revision-available>
        firmware-revision-available
      </firmware-revision-available>
      <firmware-status>
        firmware-status
      </firmware-status>
      <firmware-action>
        firmware-action
      </firmware-action>
    </system-sub-module-firmware-compatibility>
  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```
<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <system-sub-module-firmware-compatibility-list>
      <system-sub-module-firmware-compatibility>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
          firmware-tag
        </firmware-tag>
        <firmware-revision>
          firmware-revision
        </firmware-revision>
```

```
<firmware-revision-available>
  firmware-revision-available
</firmware-revision-available>
<firmware-status>
  firmware-status
</firmware-status>
<firmware-action>
  firmware-action
</firmware-action>
</system-sub-module-firmware-compatibility>
</system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
</system-firmware-compatibility-information>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <system-firmware-compatibility-information>
    <system-firmware-compatibility>
      <system-sub-module-firmware-compatibility-list>
        <system-sub-module-firmware-compatibility>
          <firmware-name>
            firmware-name
          </firmware-name>
          <firmware-type>
            firmware-type
          </firmware-type>
          <firmware-tag>
            firmware-tag
          </firmware-tag>
          <firmware-revision>
            firmware-revision
          </firmware-revision>
          <firmware-revision-available>
            firmware-revision-available
          </firmware-revision-available>
          <firmware-status>
            firmware-status
          </firmware-status>
          <firmware-action>
            firmware-action
          </firmware-action>
        </system-sub-module-firmware-compatibility>
      </system-sub-module-firmware-compatibility-list>
    </system-firmware-compatibility>
  </system-firmware-compatibility-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility-list>

Usage

```
<system-firmware-compatibility>
  <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
```

Description

<system-sub-module-firmware-compatibility-list>

Usage

```
<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
</system-firmware-compatibility-information>
```

Description

<system-sub-module-firmware-compatibility-list>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <system-firmware-compatibility>
        <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

      </system-sub-module-firmware-compatibility-list>
    </system-firmware-compatibility>
  </system-firmware-compatibility-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<system-sub-module-firmware-list>

Usage

```
<system-firmware>
```

```
<system-sub-module-firmware-list>
  <system-sub-module-firmware>....</system-sub-module-firmware>
</system-sub-module-firmware-list>
</system-firmware>
```

Description

<system-sub-module-firmware-list>

Usage

```
<system-firmware-information>
  <system-firmware>
    <system-sub-module-firmware-list>
      <system-sub-module-firmware>....</system-sub-module-firmware>
    </system-sub-module-firmware-list>
  </system-firmware>
</system-firmware-information>
```

Description

<system-sub-module-firmware-list>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
      <system-firmware>
        <system-sub-module-firmware-list>
          <system-sub-module-firmware>....</system-sub-module-firmware>
        </system-sub-module-firmware-list>
      </system-firmware>
    </system-firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<telemetries-information>

Usage

```
<poe>
  <telemetries-information>
    <telemetries-index>
      telemetries-index
    </telemetries-index>
    <telemetries-timestamp>
      telemetries-timestamp
    </telemetries-timestamp>
    <telemetries-power>
      telemetries-power
    </telemetries-power>
    <telemetries-voltage>
      telemetries-voltage
    </telemetries-voltage>
```



```

    </telemetries-information>
  </poe>

```

Description

<temperature-reading>

Usage

```

<environment-component-information>
  <environment-component-item>
    <temperature-reading>
      <temperature-name>
        temperature-name
      </temperature-name>
      <temperature>
        temperature
      </temperature>
    </temperature-reading>
  </environment-component-item>
</environment-component-information>

```

Description

<temperature-threshold>

Usage

```

<temperature-threshold-information>
  <temperature-threshold>
    <name>
      name
    </name>
    <fan-normal-speed>
      fan-normal-speed
    </fan-normal-speed>
    <fan-high-speed>
      fan-high-speed
    </fan-high-speed>
    <yellow-alarm>
      yellow-alarm
    </yellow-alarm>
    <bad-fan-yellow-alarm>
      bad-fan-yellow-alarm
    </bad-fan-yellow-alarm>
    <red-alarm>
      red-alarm
    </red-alarm>
    <bad-fan-red-alarm>
      bad-fan-red-alarm
    </bad-fan-red-alarm>

    <temperature-threshold-information-item>....</temperature-threshold-information-item>

  </temperature-threshold>

```

</temperature-threshold-information>

Description Temperature threshold information for a component on the routing platform.

<temperature-threshold-information>

Usage

```
<temperature-threshold-information>
  <temperature-threshold>....</temperature-threshold>
</temperature-threshold-information>
```

Description Information about the temperature threshold settings for components in the routing platform

<temperature-threshold-information-item>

Usage

```
<temperature-threshold-information>
  <temperature-threshold>
    <temperature-threshold-information-item>
  </temperature-threshold-information-item>
  </temperature-threshold>
</temperature-threshold-information>
```

Description

<voltage>

Usage

```
<environment-component-information>
  <environment-component-item>
    <power-information>
      <voltage>
        <reference-voltage>
          reference-voltage
        </reference-voltage>
        <actual-voltage>
          actual-voltage
        </actual-voltage>
      </voltage>
    </power-information>
  </environment-component-item>
</environment-component-information>
```

Description

<write-register>

Usage

```
<write-register>
  <cb-slot>
```

```
    cb-slot
  </cb-slot>
  <fchip-id>
    fchip-id
  </fchip-id>
  <address>
    address
  </address>
  <data>
    data
  </data>
</write-register>
```

Description Write switch fabric register

<xf-read-register>

Usage

```
<xf-read-register>
  <xfchip-id>
    xfchip-id
  </xfchip-id>
  <xf-address>
    xf-address
  </xf-address>
  <xf-data>
    xf-data
  </xf-data>
</xf-read-register>
```

Description Read XFCHIP register

<xf-show-summary>

Usage

```
<xf-show-summary>
  <xfchip-id>
    xfchip-id
  </xfchip-id>
  <xf-mode>
    xf-mode
  </xf-mode>
</xf-show-summary>
```

Description Show XFCHIP summary

<xf-write-register>

Usage

```
<xf-write-register>
  <xfchip-id>
```

```
    xfchip-id
  </xfchip-id>
  <xf-address>
    xf-address
  </xf-address>
  <xf-data>
    xf-data
  </xf-data>
</xf-write-register>
```

Description Write XFCHIP register

Summary of Layer 2 Control Protocol Response Tags

<cist-bridge-parameters>

Usage

```
<cist-bridge-parameters>
  <cist-id>
    cist-id
  </cist-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <regional-root-bridge>....</regional-root-bridge>
  <internal-root-cost>
    internal-root-cost
  </internal-root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <msg-age>
    msg-age
  </msg-age>
  <hop-count>
    hop-count
  </hop-count>
  <time-since-last-tc>
    time-since-last-tc
  </time-since-last-tc>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <extended-system-id>
```

```

    extended-system-id
  </extended-system-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
  <forward-delay-configured>
    forward-delay-configured
  </forward-delay-configured>
  <max-hop-count-configured>
    max-hop-count-configured
  </max-hop-count-configured>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</cist-bridge-parameters>

```

Description STP bridge parameters for Common and Internal Spanning Tree

<cist-bridge-parameters>

Usage

```

<stp-bridge>
  <cist-bridge-parameters>
    <cist-id>
      cist-id
    </cist-id>
    <root-bridge>....</root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <regional-root-bridge>....</regional-root-bridge>
    <internal-root-cost>
      internal-root-cost
    </internal-root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
    </max-age-learned>
    <forward-delay-learned>
      forward-delay-learned
    </forward-delay-learned>
    <msg-age>
      msg-age
    </msg-age>
    <hop-count>

```

```
    hop-count
  </hop-count>
  <time-since-last-tc>
    time-since-last-tc
  </time-since-last-tc>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
  <forward-delay-configured>
    forward-delay-configured
  </forward-delay-configured>
  <max-hop-count-configured>
    max-hop-count-configured
  </max-hop-count-configured>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</cist-bridge-parameters>
</stp-bridge>
```

Description STP bridge parameters for Common and Internal Spanning Tree

<dot1x-authentication-failed-users>

Usage

```
<dot1x-interface-information>
  <dot1x-authentication-failed-users>
    <authentication-failed-interface>
      authentication-failed-interface
    </authentication-failed-interface>
    <authentication-failed-mac-addr>
      authentication-failed-mac-addr
    </authentication-failed-mac-addr>
    <authentication-failed-user>
      authentication-failed-user
    </authentication-failed-user>
  </dot1x-authentication-failed-users>
</dot1x-interface-information>
```

Description List of users who failed authentication

<dot1x-interface-information>**Usage**

```

<dot1x-interface-information>
  <interface>....</interface>
  <dot1x-static-mac-address>....</dot1x-static-mac-address>
  <dot1x-authentication-failed-users>....</dot1x-authentication-failed-users>
</dot1x-interface-information>

```

Description**<dot1x-static-mac-address>****Usage**

```

<dot1x-interface-information>
  <dot1x-static-mac-address>
    <static-mac-address>
      static-mac-address
    </static-mac-address>
    <static-mac-vlan-assignment>
      static-mac-vlan-assignment
    </static-mac-vlan-assignment>
    <static-mac-interface>
      static-mac-interface
    </static-mac-interface>
  </dot1x-static-mac-address>
</dot1x-interface-information>

```

Description Information about configured static MAC addresses

<erp-data-channel-entry>**Usage**

```

<erp-data-channel-entry>
  <data-channel-interface-name>
    data-channel-interface-name
  </data-channel-interface-name>
  <data-channel-stp-index>
    data-channel-stp-index
  </data-channel-stp-index>
  <data-channel-forward-state>
    data-channel-forward-state
  </data-channel-forward-state>
</erp-data-channel-entry>

```

Description Data channel information about Ring port of a Ethernet Ring instance

<erp-data-channel-entry>**Usage**

```

<erp-data-channel-information>
  <erp-data-channels>

```

```
<erp-data-channel-interfaces>
  <erp-data-channel-entry>
    <data-channel-interface-name>
      data-channel-interface-name
    </data-channel-interface-name>
    <data-channel-stp-index>
      data-channel-stp-index
    </data-channel-stp-index>
    <data-channel-forward-state>
      data-channel-forward-state
    </data-channel-forward-state>
  </erp-data-channel-entry>
</erp-data-channel-interfaces>
</erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information about Ring port of a Ethernet Ring instance

<erp-data-channel-information>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>....</erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information for one or more ethernet ring instances

<erp-data-channel-interfaces>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>
    <erp-data-channel-interfaces>
      <erp-data-channel-entry>....</erp-data-channel-entry>
    </erp-data-channel-interfaces>
  </erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information about ring ports

<erp-data-channels>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>
    <erp-data-channel-protection-group-name>
      erp-data-channel-protection-group-name
    </erp-data-channel-protection-group-name>
    <erp-data-channel-interfaces>....</erp-data-channel-interfaces>
  </erp-data-channels>
```



```
</erp-data-channel-information>
```

Description

<erp-ifbd-entries>

Usage

```
<erp-ifbd-information>
  <erp-ifbds>
    <erp-ifbd-entries>
      <erp-ifbd-entry>....</erp-ifbd-entry>
    </erp-ifbd-entries>
  </erp-ifbds>
</erp-ifbd-information>
```

Description VLAN information for one specific iring port

<erp-ifbd-entry>

Usage

```
<erp-ifbd-entry>
  <erp-ifbd-interface-name>
    erp-ifbd-interface-name
  </erp-ifbd-interface-name>
  <erp-ifbd-vlan>
    erp-ifbd-vlan
  </erp-ifbd-vlan>
  <erp-ifbd-stp-index>
    erp-ifbd-stp-index
  </erp-ifbd-stp-index>
  <erp-ifbd-bridge-domain>
    erp-ifbd-bridge-domain
  </erp-ifbd-bridge-domain>
</erp-ifbd-entry>
```

Description IFBD information controlled by a Ethernet Ring instance

<erp-ifbd-entry>

Usage

```
<erp-ifbd-information>
  <erp-ifbds>
    <erp-ifbd-entries>
      <erp-ifbd-entry>
        <erp-ifbd-interface-name>
          erp-ifbd-interface-name
        </erp-ifbd-interface-name>
        <erp-ifbd-vlan>
          erp-ifbd-vlan
        </erp-ifbd-vlan>
        <erp-ifbd-stp-index>
          erp-ifbd-stp-index

```

```
</erp-ifbd-stp-index>
<erp-ifbd-bridge-domain>
  erp-ifbd-bridge-domain
</erp-ifbd-bridge-domain>
</erp-ifbd-entry>
</erp-ifbd-entries>
</erp-ifbds>
</erp-ifbd-information>
```

Description IFBD information controlled by a Ethernet Ring instance

<erp-ifbd-information>

Usage

```
<erp-ifbd-information>
<erp-ifbds>....</erp-ifbds>
</erp-ifbd-information>
```

Description IFBD information for one or more ethernet ring instances

<erp-ifbds>

Usage

```
<erp-ifbd-information>
<erp-ifbds>
  <erp-ifbd-protection-group-name>
    erp-ifbd-protection-group-name
  </erp-ifbd-protection-group-name>
  <erp-ifbd-entries>....</erp-ifbd-entries>
</erp-ifbds>
</erp-ifbd-information>
```

Description

<erp-interface-entry>

Usage

```
<erp-interface-entry>
<erp-interface-name>
  erp-interface-name
</erp-interface-name>
<control-channel-name>
  control-channel-name
</control-channel-name>
<forward-state>
  forward-state
</forward-state>
<rpl-end>
  rpl-end
</rpl-end>
<sf-flag>
  sf-flag
```

```
</sf-flag>
<interface-state>
  interface-state
</interface-state>
</erp-interface-entry>
```

Description Information about Ethernet Ring port of a Ethernet Ring Protection group

<erp-interface-entry>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>
    <erp-interfaces>
      <erp-interface-entry>
        <erp-interface-name>
          erp-interface-name
        </erp-interface-name>
        <control-channel-name>
          control-channel-name
        </control-channel-name>
        <forward-state>
          forward-state
        </forward-state>
        <rpl-end>
          rpl-end
        </rpl-end>
        <sf-flag>
          sf-flag
        </sf-flag>
        <interface-state>
          interface-state
        </interface-state>
      </erp-interface-entry>
    </erp-interfaces>
  </ethernet-ring-pg>
</erp-interface-information>
```

Description Information about Ethernet Ring port of a Ethernet Ring Protection group

<erp-interface-information>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>....</ethernet-ring-pg>
</erp-interface-information>
```

Description Information about ring ports for one or more ethernet ring protection groups

<erp-interfaces>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>
    <erp-interfaces>
      <erp-interface-entry>....</erp-interface-entry>
    </erp-interfaces>
  </ethernet-ring-pg>
</erp-interface-information>
```

Description Information about ring ports

<erp-raps>

Usage

```
<erp-raps-information>
  <erp-raps>
    <erp-raps-entry>....</erp-raps-entry>
  </erp-raps>
</erp-raps-information>
```

Description

<erp-raps-entry>

Usage

```
<erp-raps-entry>
  <protection-group-name>
    protection-group-name
  </protection-group-name>
  <aps-state>
    aps-state
  </aps-state>
  <aps-event>
    aps-event
  </aps-event>
  <rpl-owner>
    rpl-owner
  </rpl-owner>
  <wtr-timer>
    wtr-timer
  </wtr-timer>
  <guard-timer>
    guard-timer
  </guard-timer>
  <operation-state>
    operation-state
  </operation-state>
</erp-raps-entry>
```

Description Information about Ethernet Ring Automatic Protection Switching state machine of a protection group

<erp-raps-entry>

Usage

```
<erp-raps-information>
  <erp-raps>
    <erp-raps-entry>
      <protection-group-name>
        protection-group-name
      </protection-group-name>
      <aps-state>
        aps-state
      </aps-state>
      <aps-event>
        aps-event
      </aps-event>
      <rpl-owner>
        rpl-owner
      </rpl-owner>
      <wtr-timer>
        wtr-timer
      </wtr-timer>
      <guard-timer>
        guard-timer
      </guard-timer>
      <operation-state>
        operation-state
      </operation-state>
    </erp-raps-entry>
  </erp-raps>
</erp-raps-information>
```

Description Information about Ethernet Ring Automatic Protection Switching state machine of a protection group

<erp-raps-information>

Usage

```
<erp-raps-information>
  <erp-raps>....</erp-raps>
</erp-raps-information>
```

Description Information about RAPS state machine of one or more ethernet rings

<erp-rpdu-entry>

Usage

```
<erp-rpdu-entry>
  <protection-group-name>
    protection-group-name
```

```
</protection-group-name>
<request-state>
  request-state
</request-state>
<dnf-flag>
  dnf-flag
</dnf-flag>
<rb-flag>
  rb-flag
</rb-flag>
<originator>
  originator
</originator>
<remote-node-id>
  remote-node-id
</remote-node-id>
</erp-rpdu-entry>
```

Description Information about Ethernet Ring RAPS PDU of a Ethernet Ring Protection group

<erp-rpdu-entry>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>
    <erp-rpdu-entry>
      <protection-group-name>
        protection-group-name
      </protection-group-name>
      <request-state>
        request-state
      </request-state>
      <dnf-flag>
        dnf-flag
      </dnf-flag>
      <rb-flag>
        rb-flag
      </rb-flag>
      <originator>
        originator
      </originator>
      <remote-node-id>
        remote-node-id
      </remote-node-id>
    </erp-rpdu-entry>
  </erp-rpdus>
</erp-rpdu-information>
```

Description Information about Ethernet Ring RAPS PDU of a Ethernet Ring Protection group

<erp-rpdu-information>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>....</erp-rpdus>
</erp-rpdu-information>
```

Description Information about one or more ethernet rings

<erp-rpdus>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>
    <erp-rpdu-entry>....</erp-rpdu-entry>
  </erp-rpdus>
</erp-rpdu-information>
```

Description

<ethernet-ring-pg>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>
    <erp-protection-group-name>
      erp-protection-group-name
    </erp-protection-group-name>
    <erp-interfaces>....</erp-interfaces>
  </ethernet-ring-pg>
</erp-interface-information>
```

Description

<ethernet-ring-statistics>

Usage

```
<ethernet-ring-statistics>
  <protection-group-name>
    protection-group-name
  </protection-group-name>
  <raps-event-sent>
    raps-event-sent
  </raps-event-sent>
  <raps-event-received>
    raps-event-received
  </raps-event-received>
  <raps-local-sf>
    raps-local-sf
  </raps-local-sf>
  <raps-remote-sf>
    raps-remote-sf
```

```
</raps-remote-sf>
<raps-nr>
  raps-nr
</raps-nr>
<raps-nr-rb>
  raps-nr-rb
</raps-nr-rb>
</ethernet-ring-statistics>
```

Description Ethernet Ring protection group statistics

<interface>

Usage

```
<dot1x-interface-information>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <user-name>
      user-name
    </user-name>
    <user-mac-address>
      user-mac-address
    </user-mac-address>
    <role>
      role
    </role>
    <state>
      state
    </state>
    <administrative-state>
      administrative-state
    </administrative-state>
    <administrative-mode>
      administrative-mode
    </administrative-mode>
    <number-of-retries>
      number-of-retries
    </number-of-retries>
    <quiet-period>
      quiet-period
    </quiet-period>
    <transmit-period>
      transmit-period
    </transmit-period>
    <reauthentication>
      reauthentication
    </reauthentication>
    <reauthentication-interval>
      reauthentication-interval
    </reauthentication-interval>
    <supplicant-timeout>
      supplicant-timeout
```



```

</supplicant-timeout>
<server-timeout>
  server-timeout
</server-timeout>
<max-eapol-request>
  max-eapol-request
</max-eapol-request>
<frame-control>
  frame-control
</frame-control>
<guest-vlan>
  guest-vlan
</guest-vlan>
<number-of-authentication-bypassed-clients>
  number-of-authentication-bypassed-clients
</number-of-authentication-bypassed-clients>
<static-mac-bypass>
  static-mac-bypass
</static-mac-bypass>
<number-of-connected-supplicants>
  number-of-connected-supplicants
</number-of-connected-supplicants>
<reauthentication-due>
  reauthentication-due
</reauthentication-due>
</interface>
</dot1x-interface-information>

```

Description

<l2pt-interface-entry>

Usage

```

<l2pt-interface-list>
  <l2pt-interface-entry>
    <interface-name>
      interface-name
    </interface-name>
    <protocols>
      protocols
    </protocols>
  </l2pt-interface-entry>
</l2pt-interface-list>

```

Description

<l2pt-interface-list>

Usage

```

<l2pt-interface-list>
  <l2pt-interface-entry>....</l2pt-interface-entry>
</l2pt-interface-list>

```

Description L2PT interface information

<mmrp-applicant-entry>

Usage

```
<mmrp-applicant-entry>
  <mmrp-applicant-mac-address>
    mmrp-applicant-mac-address
  </mmrp-applicant-mac-address>
  <mmrp-applicant-interface-name>
    mmrp-applicant-interface-name
  </mmrp-applicant-interface-name>
  <mmrp-applicant-state>
    mmrp-applicant-state
  </mmrp-applicant-state>
</mmrp-applicant-entry>
```

Description Information about Applicant state

<mmrp-applicant-entry>

Usage

```
<mmrp-applicant-information>
  <mmrp-applicant-mmrip-instance>
    <mmrp-applicant-entry-information>
      <mmrp-applicant-entry>
        <mmrp-applicant-mac-address>
          mmrp-applicant-mac-address
        </mmrp-applicant-mac-address>
        <mmrp-applicant-interface-name>
          mmrp-applicant-interface-name
        </mmrp-applicant-interface-name>
        <mmrp-applicant-state>
          mmrp-applicant-state
        </mmrp-applicant-state>
      </mmrp-applicant-entry>
    </mmrp-applicant-entry-information>
  </mmrp-applicant-mmrip-instance>
</mmrp-applicant-information>
```

Description Information about Applicant state

<mmrp-applicant-entry-information>

Usage

```
<mmrp-applicant-information>
  <mmrp-applicant-mmrip-instance>
    <mmrp-applicant-entry-information>
      <mmrp-applicant-entry>.....</mmrp-applicant-entry>
    </mmrp-applicant-entry-information>
  </mmrp-applicant-mmrip-instance>
```

</mmrp-applicant-information>

Description Applicant state information

<mmrp-applicant-information>

Usage

```
<mmrp-applicant-information>
  <mmrp-applicant-mmrip-instance>....</mmrp-applicant-mmrip-instance>
</mmrp-applicant-information>
```

Description Information about multicast MAC Applicant state

<mmrp-applicant-mmrip-instance>

Usage

```
<mmrp-applicant-information>
  <mmrp-applicant-mmrip-instance>
    <mmrp-applicant-instance-name>
      mmrip-applicant-instance-name
    </mmrp-applicant-instance-name>
    <mmrp-applicant-entry-information>....</mmrp-applicant-entry-information>
  </mmrp-applicant-mmrip-instance>
</mmrp-applicant-information>
```

Description

<mmrp-interface-entry>

Usage

```
<mmrp-interface-entry>
  <mmrp-interface-interface-name>
    mmrip-interface-interface-name
  </mmrp-interface-interface-name>
  <mmrp-interface-state>
    mmrip-interface-state
  </mmrp-interface-state>
</mmrp-interface-entry>
```

Description Information about interface and state

<mmrp-interface-entry>

Usage

```
<mmrp-interface-information>
  <mmrp-interface-mmrip-instance>
    <mmrp-interface-entry-information>
      <mmrp-interface-entry>
        <mmrp-interface-interface-name>
          mmrip-interface-interface-name
        </mmrp-interface-interface-name>
```

```
<mmrp-interface-state>
  mmrp-interface-state
</mmrp-interface-state>
</mmrp-interface-entry>
</mmrp-interface-entry-information>
</mmrp-interface-mmrp-instance>
</mmrp-interface-information>
```

Description Information about interface and state

<mmrp-interface-entry-information>

Usage

```
<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>
    <mmrp-interface-entry-information>
      <mmrp-interface-entry>....</mmrp-interface-entry>
    </mmrp-interface-entry-information>
  </mmrp-interface-mmrp-instance>
</mmrp-interface-information>
```

Description Interface information

<mmrp-interface-information>

Usage

```
<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>....</mmrp-interface-mmrp-instance>
</mmrp-interface-information>
```

Description Information about interfaces

<mmrp-interface-mmrp-instance>

Usage

```
<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>
    <mmrp-interface-instance-name>
      mmrp-interface-instance-name
    </mmrp-interface-instance-name>
    <mmrp-interface-entry-information>....</mmrp-interface-entry-information>
  </mmrp-interface-mmrp-instance>
</mmrp-interface-information>
```

Description

<mmrp-maclist-entry>

Usage

```
<mmrp-maclist-entry>
  <mmrp-maclist-mac-address>
```

```

      mmrp-maclist-mac-address
    </mmrp-maclist-mac-address>
    <mmrp-maclist-mac-type>
      mmrp-maclist-mac-type
    </mmrp-maclist-mac-type>
    <mmrp-maclist-mac-isid>
      mmrp-maclist-mac-isid
    </mmrp-maclist-mac-isid>
    <mmrp-maclist-mac-map_count>
      mmrp-maclist-mac-map_count
    </mmrp-maclist-mac-map_count>
  </mmrp-maclist-entry>

```

Description Information about multicast MAC

<mmrp-maclist-entry>

Usage

```

<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>
    <mmrp-maclist-entry-information>
      <mmrp-maclist-entry>
        <mmrp-maclist-mac-address>
          mmrp-maclist-mac-address
        </mmrp-maclist-mac-address>
        <mmrp-maclist-mac-type>
          mmrp-maclist-mac-type
        </mmrp-maclist-mac-type>
        <mmrp-maclist-mac-isid>
          mmrp-maclist-mac-isid
        </mmrp-maclist-mac-isid>
        <mmrp-maclist-mac-map_count>
          mmrp-maclist-mac-map_count
        </mmrp-maclist-mac-map_count>
      </mmrp-maclist-entry>
    </mmrp-maclist-entry-information>
  </mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>

```

Description Information about multicast MAC

<mmrp-maclist-entry-information>

Usage

```

<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>
    <mmrp-maclist-entry-information>
      <mmrp-maclist-entry>....</mmrp-maclist-entry>
    </mmrp-maclist-entry-information>
  </mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>

```

Description MAC list information

<mmrp-maclist-information>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>....</mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>
```

Description Information about multicast MAC list

<mmrp-maclist-mmrip-instance>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>
    <mmrp-maclist-instance-name>
      mmrip-maclist-instance-name
    </mmrp-maclist-instance-name>
    <mmrp-maclist-entry-information>....</mmrip-maclist-entry-information>
  </mmrip-maclist-mmrip-instance>
</mmrip-maclist-information>
```

Description

<mmrp-mactable-entry>

Usage

```
<mmrp-mactable-entry>
  <mmrp-mactable-mac-address>
    mmrip-mactable-mac-address
  </mmrip-mactable-mac-address>
  <mmrip-mactable-nexthop>
    mmrip-mactable-nexthop
  </mmrip-mactable-nexthop>
  <mmrip-mactable-token>
    mmrip-mactable-token
  </mmrip-mactable-token>
  <mmrip-mactable-interface>....</mmrip-mactable-interface>
</mmrip-mactable-entry>
```

Description Information about MAC table

<mmrp-mactable-entry>

Usage

```
<mmrip-mactable-information>
  <mmrip-mactable-mmrip-instance>
    <mmrip-mactable-entry-information>
      <mmrip-mactable-entry>
        <mmrip-mactable-mac-address>
          mmrip-mactable-mac-address
```

```

</mmrp-mactable-mac-address>
<mmrp-mactable-nexthop>
  mmrp-mactable-nexthop
</mmrp-mactable-nexthop>
<mmrp-mactable-token>
  mmrp-mactable-token
</mmrp-mactable-token>
<mmrp-mactable-interface>....</mmrp-mactable-interface>
</mmrp-mactable-entry>
</mmrp-mactable-entry-information>
</mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>

```

Description Information about MAC table

<mmrp-mactable-entry-information>

Usage

```

<mmrp-mactable-information>
<mmrp-mactable-mmrip-instance>
  <mmrp-mactable-entry-information>
    <mmrp-mactable-entry>....</mmrp-mactable-entry>
  </mmrp-mactable-entry-information>
</mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>

```

Description MAC table information

<mmrp-mactable-information>

Usage

```

<mmrp-mactable-information>
<mmrp-mactable-mmrip-instance>....</mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>

```

Description Information about multicast MAC table

<mmrp-mactable-interface>

Usage

```

<mmrp-mactable-entry>
  <mmrp-mactable-interface>
    <mmrp-mactable-interface-name>
      mmrp-mactable-interface-name
    </mmrp-mactable-interface-name>
    <mmrp-mactable-interface-action>
      mmrp-mactable-interface-action
    </mmrp-mactable-interface-action>
  </mmrp-mactable-interface>
</mmrp-mactable-entry>

```

Description

<mmrp-mactable-interface>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-entry-information>
      <mmrp-mactable-entry>
        <mmrp-mactable-interface>
          <mmrp-mactable-interface-name>
            mmrp-mactable-interface-name
          </mmrp-mactable-interface-name>
          <mmrp-mactable-interface-action>
            mmrp-mactable-interface-action
          </mmrp-mactable-interface-action>
        </mmrp-mactable-interface>
      </mmrp-mactable-entry>
    </mmrp-mactable-entry-information>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description

<mmrp-mactable-mmrip-instance>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-instance-name>
      mmrp-mactable-instance-name
    </mmrp-mactable-instance-name>
    <mmrp-mactable-bridge-domain-name>
      mmrp-mactable-bridge-domain-name
    </mmrp-mactable-bridge-domain-name>
    <mmrp-mactable-vlan-id>
      mmrp-mactable-vlan-id
    </mmrp-mactable-vlan-id>
    <mmrp-mactable-entry-information>....</mmrp-mactable-entry-information>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description

<mmrp-registration-entry>

Usage

```
<mmrp-registration-entry>
  <mmrp-registration-mac-address>
    mmrp-registration-mac-address
  </mmrp-registration-mac-address>
  <mmrp-registration-interface-name>
    mmrp-registration-interface-name
  </mmrp-registration-interface-name>
  <mmrp-registration-state>
```



```

    mmrp-registration-state
  </mmrp-registration-state>
  <mmrp-registration-forced-state>
    mmrp-registration-forced-state
  </mmrp-registration-forced-state>
  <mmrp-registration-manage-state>
    mmrp-registration-manage-state
  </mmrp-registration-manage-state>
  <mmrp-registration-stp-state>
    mmrp-registration-stp-state
  </mmrp-registration-stp-state>
</mmrp-registration-entry>

```

Description Information about registration state

<mmrp-registration-entry>

Usage

```

<mmrp-registration-information>
  <mmrp-registration-mmrp-instance>
    <mmrp-registration-entry-information>
      <mmrp-registration-entry>
        <mmrp-registration-mac-address>
          mmrp-registration-mac-address
        </mmrp-registration-mac-address>
        <mmrp-registration-interface-name>
          mmrp-registration-interface-name
        </mmrp-registration-interface-name>
        <mmrp-registration-state>
          mmrp-registration-state
        </mmrp-registration-state>
        <mmrp-registration-forced-state>
          mmrp-registration-forced-state
        </mmrp-registration-forced-state>
        <mmrp-registration-manage-state>
          mmrp-registration-manage-state
        </mmrp-registration-manage-state>
        <mmrp-registration-stp-state>
          mmrp-registration-stp-state
        </mmrp-registration-stp-state>
      </mmrp-registration-entry>
    </mmrp-registration-entry-information>
  </mmrp-registration-mmrp-instance>
</mmrp-registration-information>

```

Description Information about registration state

<mmrp-registration-entry-information>

Usage

```

<mmrp-registration-information>
  <mmrp-registration-mmrp-instance>
    <mmrp-registration-entry-information>

```

```
<mmrp-registration-entry>....</mmrp-registration-entry>
</mmrp-registration-entry-information>
</mmrp-registration-mmrip-instance>
</mmrp-registration-information>
```

Description Registration state information

<mmrp-registration-information>

Usage

```
<mmrp-registration-information>
<mmrp-registration-mmrip-instance>....</mmrp-registration-mmrip-instance>
</mmrp-registration-information>
```

Description Information about multicast MAC Registration state

<mmrp-registration-mmrip-instance>

Usage

```
<mmrp-registration-information>
<mmrp-registration-mmrip-instance>
  <mmrp-registration-instance-name>
    mmrp-registration-instance-name
  </mmrp-registration-instance-name>
  <mmrp-registration-entry-information>....</mmrp-registration-entry-information>

</mmrp-registration-mmrip-instance>
</mmrp-registration-information>
```

Description

<mmrp-statistics-entry>

Usage

```
<mmrp-statistics-entry>
  <mmrp-statistics-interface-name>
    mmrp-statistics-interface-name
  </mmrp-statistics-interface-name>
  <mmrp-statistics-mac-registered>
    mmrp-statistics-mac-registered
  </mmrp-statistics-mac-registered>
  <mmrp-statistics-sent-pdu>
    mmrp-statistics-sent-pdu
  </mmrp-statistics-sent-pdu>
  <mmrp-statistics-received-pdu>
    mmrp-statistics-received-pdu
  </mmrp-statistics-received-pdu>
  <mmrp-statistics-error-pdu>
    mmrp-statistics-error-pdu
  </mmrp-statistics-error-pdu>
</mmrp-statistics-entry>
```

Description Statistics Information

<mmrp-statistics-entry>

Usage

```
<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>
    <mmrp-statistics-entry-information>
      <mmrp-statistics-entry>
        <mmrp-statistics-interface-name>
          mmrp-statistics-interface-name
        </mmrp-statistics-interface-name>
        <mmrp-statistics-mac-registered>
          mmrp-statistics-mac-registered
        </mmrp-statistics-mac-registered>
        <mmrp-statistics-sent-pdu>
          mmrp-statistics-sent-pdu
        </mmrp-statistics-sent-pdu>
        <mmrp-statistics-received-pdu>
          mmrp-statistics-received-pdu
        </mmrp-statistics-received-pdu>
        <mmrp-statistics-error-pdu>
          mmrp-statistics-error-pdu
        </mmrp-statistics-error-pdu>
      </mmrp-statistics-entry>
    </mmrp-statistics-entry-information>
  </mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>
```

Description Statistics Information

<mmrp-statistics-entry-information>

Usage

```
<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>
    <mmrp-statistics-entry-information>
      <mmrp-statistics-entry>....</mmrp-statistics-entry>
    </mmrp-statistics-entry-information>
  </mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>
```

Description Statistics information

<mmrp-statistics-information>

Usage

```
<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>....</mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>
```

Description Information about multicast MAC statistics state

<mmrp-statistics-mmrip-instance>

Usage

```
<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>
    <mmrp-statistics-instance-name>
      mmrip-statistics-instance-name
    </mmrp-statistics-instance-name>
    <mmrp-statistics-entry-information>....</mmrp-statistics-entry-information>
  </mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>
```

Description

<msti-bridge-parameters>

Usage

```
<msti-bridge-parameters>
  <msti-id>
    msti-id
  </msti-id>
  <msti-regional-root-bridge>....</msti-regional-root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <max-hop-count-configured>
    max-hop-count-configured
  </max-hop-count-configured>
  <hop-count>
    hop-count
  </hop-count>
  <time-since-last-tc>
    time-since-last-tc
  </time-since-last-tc>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <this-bridge>....</this-bridge>
```

```

<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>

```

Description STP bridge parameters for Multiple Spanning Tree instances

<msti-bridge-parameters>

Usage

```

<stp-bridge>
  <msti-bridge-parameters>
    <msti-id>
      msti-id
    </msti-id>
    <msti-regional-root-bridge>....</msti-regional-root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
    </max-age-learned>
    <forward-delay-learned>
      forward-delay-learned
    </forward-delay-learned>
    <max-hop-count-configured>
      max-hop-count-configured
    </max-hop-count-configured>
    <hop-count>
      hop-count
    </hop-count>
    <time-since-last-tc>
      time-since-last-tc
    </time-since-last-tc>
    <topology-change-count>
      topology-change-count
    </topology-change-count>
    <extended-system-id>
      extended-system-id

```

```
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>
</stp-bridge>
```

Description STP bridge parameters for Multiple Spanning Tree instances

<msti-regional-root-bridge>

Usage

```
<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </msti-regional-root-bridge>
</msti-bridge-parameters>
```

Description MSTI regional root identifier

<msti-regional-root-bridge>

Usage

```
<stp-bridge>
  <msti-bridge-parameters>
    <msti-regional-root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </msti-regional-root-bridge>
  </msti-bridge-parameters>
</stp-bridge>
```

Description MSTI regional root identifier

<mstp-configuration>

Usage

```
<mstp-configuration>
  <context-id>
    context-id
  </context-id>
  <mstp-name>
    mstp-name
  </mstp-name>
  <mstp-revision>
    mstp-revision
  </mstp-revision>
  <mstp-configuration-digest>
    mstp-configuration-digest
  </mstp-configuration-digest>
  <vlan-map>....</vlan-map>
</mstp-configuration>
```

Description Information about Multiple Spanning Tree protocol configuration

<mvrp-applicant-information>

Usage

```
<mvrp-applicant-information>
  <mvrp-applicant-instance>....</mvrp-applicant-instance>
</mvrp-applicant-information>
```

Description Information about MVRP Applicant state

<mvrp-applicant-instance>

Usage

```
<mvrp-applicant-information>
  <mvrp-applicant-instance>
    <mvrp-routing-instance-name>
      mvrp-routing-instance-name
    </mvrp-routing-instance-name>
    <mvrp-applicant-vlan-entry>....</mvrp-applicant-vlan-entry>
  </mvrp-applicant-instance>
</mvrp-applicant-information>
```

Description

<mvrp-applicant-interface-entry>

Usage

```
<mvrp-applicant-information>
  <mvrp-applicant-instance>
    <mvrp-applicant-vlan-entry>
```

```
<mvrp-applicant-interface-entry>
  <mvrp-interface-name>
    mvrp-interface-name
  </mvrp-interface-name>
  <mvrp-applicant-state>
    mvrp-applicant-state
  </mvrp-applicant-state>
</mvrp-applicant-interface-entry>
</mvrp-applicant-vlan-entry>
</mvrp-applicant-instance>
</mvrp-applicant-information>
```

Description

<mvrp-applicant-vlan-entry>

Usage

```
<mvrp-applicant-information>
  <mvrp-applicant-instance>
    <mvrp-applicant-vlan-entry>
      <mvrp-vlan-id>
        mvrp-vlan-id
      </mvrp-vlan-id>
      <mvrp-applicant-interface-entry>....</mvrp-applicant-interface-entry>
    </mvrp-applicant-vlan-entry>
  </mvrp-applicant-instance>
</mvrp-applicant-information>
```

Description Applicant state information

<mvrp-information>

Usage

```
<mvrp-information>
  <mvrp-information-entry>....</mvrp-information-entry>
</mvrp-information>
```

Description

<mvrp-information-entry>

Usage

```
<mvrp-information>
  <mvrp-information-entry>
    <mvrp-routing-instance-name>
      mvrp-routing-instance-name
    </mvrp-routing-instance-name>
    <mvrp-dynamic-vlan>
      mvrp-dynamic-vlan
    </mvrp-dynamic-vlan>
    <mvrp-bpdu-mac-address>
      mvrp-bpdu-mac-address
    </mvrp-bpdu-mac-address>
```



```
<mvrp-interface-timers>....</mvrp-interface-timers>
</mvrp-information-entry>
</mvrp-information>
```

Description

<mvrp-interface-entry>

Usage

```
<mvrp-interface-information>
<mvrp-interface-instance>
<mvrp-interface-entry>
  <mvrp-interface-name>
    mvrp-interface-name
  </mvrp-interface-name>
  <mvrp-interface-status>
    mvrp-interface-status
  </mvrp-interface-status>
  <mvrp-interface-registration-mode>
    mvrp-interface-registration-mode
  </mvrp-interface-registration-mode>
  <mvrp-interface-applicant-mode>
    mvrp-interface-applicant-mode
  </mvrp-interface-applicant-mode>
</mvrp-interface-entry>
</mvrp-interface-instance>
</mvrp-interface-information>
```

Description

<mvrp-interface-information>

Usage

```
<mvrp-interface-information>
  <mvrp-interface-instance>....</mvrp-interface-instance>
</mvrp-interface-information>
```

Description

<mvrp-interface-instance>

Usage

```
<mvrp-interface-information>
  <mvrp-interface-instance>
    <mvrp-routing-instance-name>
      mvrp-routing-instance-name
    </mvrp-routing-instance-name>
    <mvrp-interface-entry>....</mvrp-interface-entry>
  </mvrp-interface-instance>
</mvrp-interface-information>
```

Description

<mvrp-interface-statistics>

Usage

```
<mvrp-interface-statistics>
  <mvrp-statistics-instance>....</mvrp-statistics-instance>
</mvrp-interface-statistics>
```

Description MVRP interface statistics

<mvrp-interface-timers>

Usage

```
<mvrp-information>
  <mvrp-information-entry>
    <mvrp-interface-timers>
      <mvrp-interface-name>
        mvrp-interface-name
      </mvrp-interface-name>
      <mvrp-timer-join>
        mvrp-timer-join
      </mvrp-timer-join>
      <mvrp-timer-leave>
        mvrp-timer-leave
      </mvrp-timer-leave>
      <mvrp-timer-leaveall>
        mvrp-timer-leaveall
      </mvrp-timer-leaveall>
    </mvrp-interface-timers>
  </mvrp-information-entry>
</mvrp-information>
```

Description

<mvrp-registration-information>

Usage

```
<mvrp-registration-information>
  <mvrp-registration-instance>....</mvrp-registration-instance>
</mvrp-registration-information>
```

Description Information about multicast MAC Registration state

<mvrp-registration-instance>

Usage

```
<mvrp-registration-information>
  <mvrp-registration-instance>
    <mvrp-routing-instance-name>
      mvrp-routing-instance-name
    </mvrp-routing-instance-name>
    <mvrp-registration-vlan-entry>....</mvrp-registration-vlan-entry>
  </mvrp-registration-instance>
```

```
</mvrp-registration-information>
```

Description

<mvrp-registration-interface-entry>

Usage

```
<mvrp-registration-information>
<mvrp-registration-instance>
<mvrp-registration-vlan-entry>
  <mvrp-registration-interface-entry>
    <mvrp-interface-name>
      mvrp-interface-name
    </mvrp-interface-name>
    <mvrp-registration-state>
      mvrp-registration-state
    </mvrp-registration-state>
    <mvrp-registration-forced-state>
      mvrp-registration-forced-state
    </mvrp-registration-forced-state>
    <mvrp-registration-manage-state>
      mvrp-registration-manage-state
    </mvrp-registration-manage-state>
    <mvrp-registration-stp-state>
      mvrp-registration-stp-state
    </mvrp-registration-stp-state>
  </mvrp-registration-interface-entry>
</mvrp-registration-vlan-entry>
</mvrp-registration-instance>
</mvrp-registration-information>
```

Description

<mvrp-registration-vlan-entry>

Usage

```
<mvrp-registration-information>
<mvrp-registration-instance>
  <mvrp-registration-vlan-entry>
    <mvrp-vlan-id>
      mvrp-vlan-id
    </mvrp-vlan-id>
    <mvrp-registration-interface-entry>....</mvrp-registration-interface-entry>
  </mvrp-registration-vlan-entry>
</mvrp-registration-instance>
</mvrp-registration-information>
```

Description Registration state information

<mvrp-statistics-instance>

Usage

```
<mvrp-interface-statistics>
```

```
<mvrp-statistics-instance>
  <mvrp-routing-instance-name>
    mvrp-routing-instance-name
  </mvrp-routing-instance-name>
  <mvrp-statistics-interface-entry>....</mvrp-statistics-interface-entry>
</mvrp-statistics-instance>
</mvrp-interface-statistics>
```

Description

<mvrp-statistics-interface-entry>

Usage

```
<mvrp-interface-statistics>
  <mvrp-statistics-instance>
    <mvrp-statistics-interface-entry>
      <mvrp-interface-name>
        mvrp-interface-name
      </mvrp-interface-name>
      <mvrp-statistics-vlan-registered>
        mvrp-statistics-vlan-registered
      </mvrp-statistics-vlan-registered>
      <mvrp-statistics-sent-pdu>
        mvrp-statistics-sent-pdu
      </mvrp-statistics-sent-pdu>
      <mvrp-statistics-received-pdu>
        mvrp-statistics-received-pdu
      </mvrp-statistics-received-pdu>
      <mvrp-statistics-error-pdu>
        mvrp-statistics-error-pdu
      </mvrp-statistics-error-pdu>
    </mvrp-statistics-interface-entry>
  </mvrp-statistics-instance>
</mvrp-interface-statistics>
```

Description Statistics information

<mvrp-vlan-entry>

Usage

```
<mvrp-vlan-information>
  <mvrp-vlan-instance>
    <mvrp-vlan-entry>
      <mvrp-vlan-id>
        mvrp-vlan-id
      </mvrp-vlan-id>
      <mvrp-static-vlan>
        mvrp-static-vlan
      </mvrp-static-vlan>
      <mvrp-vlan-interface-entry>....</mvrp-vlan-interface-entry>
    </mvrp-vlan-entry>
  </mvrp-vlan-instance>
</mvrp-vlan-information>
```

Description Dynamic vlan information

<mvrp-vlan-information>

Usage

```
<mvrp-vlan-information>
  <mvrp-vlan-instance>....</mvrp-vlan-instance>
</mvrp-vlan-information>
```

Description

<mvrp-vlan-instance>

Usage

```
<mvrp-vlan-information>
  <mvrp-vlan-instance>
    <mvrp-routing-instance-name>
      mvrp-routing-instance-name
    </mvrp-routing-instance-name>
    <mvrp-vlan-entry>....</mvrp-vlan-entry>
  </mvrp-vlan-instance>
</mvrp-vlan-information>
```

Description

<mvrp-vlan-interface-entry>

Usage

```
<mvrp-vlan-information>
  <mvrp-vlan-instance>
    <mvrp-vlan-entry>
      <mvrp-vlan-interface-entry>
        <mvrp-interface-name>
          mvrp-interface-name
        </mvrp-interface-name>
        <mvrp-fixed-registration>
          mvrp-fixed-registration
        </mvrp-fixed-registration>
      </mvrp-vlan-interface-entry>
    </mvrp-vlan-entry>
  </mvrp-vlan-instance>
</mvrp-vlan-information>
```

Description

<regional-root-bridge>

Usage

```
<cist-bridge-parameters>
  <regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
```

```
<bridge-mac>
  bridge-mac
</bridge-mac>
</regional-root-bridge>
</cist-bridge-parameters>
```

Description CIST regional root bridge identifier

<regional-root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <regional-root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </regional-root-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description CIST regional root bridge identifier

<root-bridge>

Usage

```
<cist-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</cist-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<vst-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
```

```
        bridge-mac  
      </bridge-mac>  
    </root-bridge>  
  </vst-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>  
  <cist-bridge-parameters>  
    <root-bridge>  
      <bridge-priority>  
        bridge-priority  
      </bridge-priority>  
      <bridge-mac>  
        bridge-mac  
      </bridge-mac>  
    </root-bridge>  
  </cist-bridge-parameters>  
</stp-bridge>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>  
  <vst-bridge-parameters>  
    <root-bridge>  
      <bridge-priority>  
        bridge-priority  
      </bridge-priority>  
      <bridge-mac>  
        bridge-mac  
      </bridge-mac>  
    </root-bridge>  
  </vst-bridge-parameters>  
</stp-bridge>
```

Description Root bridge identifier

<stp-bridge>

Usage

```
<stp-bridge>  
  <routing-instance-name>  
    routing-instance-name  
  </routing-instance-name>  
  <context-id>
```

```
context-id
</context-id>
<bpdudestinationmacaddress>
  bpdudestinationmacaddress
</bpdudestinationmacaddress>
<protocol>
  protocol
</protocol>
<cistbridgeparameters>....</cistbridgeparameters>
<msti-bridge-parameters>....</msti-bridge-parameters>
<vst-bridge-parameters>....</vst-bridge-parameters>
</stp-bridge>
```

Description Information about STP bridge parameters

<stp-context-statistics-information>

Usage

```
<stp-context-statistics-information>
<message-type>
  message-type
</message-type>
<total-bpdus-sent>
  total-bpdus-sent
</total-bpdus-sent>
<total-bpdus-received>
  total-bpdus-received
</total-bpdus-received>
<bpdus-sent-5seconds>
  bpdus-sent-5seconds
</bpdus-sent-5seconds>
<bpdus-received-5seconds>
  bpdus-received-5seconds
</bpdus-received-5seconds>
<vstp-statistics>....</vstp-statistics>
</stp-context-statistics-information>
```

Description Spanning Tree Protocol statistics at routing instance level

<stp-instance>

Usage

```
<stp-interface-information>
<stp-instance>
<instance-id>
  instance-id
</instance-id>
<vlan-id>
  vlan-id
</vlan-id>
<stp-interfaces>....</stp-interfaces>
</stp-instance>
```



```
</stp-interface-information>
```

Description

<stp-interface-entry>

Usage

```
<stp-interface-entry>
  <interface-name>
    interface-name
  </interface-name>
  <port-priority>
    port-priority
  </port-priority>
  <port-number>
    port-number
  </port-number>
  <designated-port-priority>
    designated-port-priority
  </designated-port-priority>
  <designated-port-number>
    designated-port-number
  </designated-port-number>
  <port-cost>
    port-cost
  </port-cost>
  <port-state>
    port-state
  </port-state>
  <designated-bridge-priority>
    designated-bridge-priority
  </designated-bridge-priority>
  <designated-bridge-mac>
    designated-bridge-mac
  </designated-bridge-mac>
  <port-role>
    port-role
  </port-role>
  <link-type>
    link-type
  </link-type>
  <port-migrated-protocol>
    port-migrated-protocol
  </port-migrated-protocol>
  <boundary-port>
    boundary-port
  </boundary-port>
</stp-interface-entry>
```

Description Information about Spanning Tree Protocol interface

<stp-interface-entry>

Usage

```
<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>
        <interface-name>
          interface-name
        </interface-name>
        <port-priority>
          port-priority
        </port-priority>
        <port-number>
          port-number
        </port-number>
        <designated-port-priority>
          designated-port-priority
        </designated-port-priority>
        <designated-port-number>
          designated-port-number
        </designated-port-number>
        <port-cost>
          port-cost
        </port-cost>
        <port-state>
          port-state
        </port-state>
        <designated-bridge-priority>
          designated-bridge-priority
        </designated-bridge-priority>
        <designated-bridge-mac>
          designated-bridge-mac
        </designated-bridge-mac>
        <port-role>
          port-role
        </port-role>
        <link-type>
          link-type
        </link-type>
        <port-migrated-protocol>
          port-migrated-protocol
        </port-migrated-protocol>
        <boundary-port>
          boundary-port
        </boundary-port>
      </stp-interface-entry>
    </stp-interfaces>
  </stp-instance>
</stp-interface-information>
```

Description Information about Spanning Tree Protocol interface

<stp-interface-information>**Usage**

```
<stp-interface-information>
  <stp-instance>....</stp-instance>
</stp-interface-information>
```

Description Information about one or more Spanning Tree Protocol interfaces for one or more Spanning Tree Protocol instances

<stp-interface-statistics>**Usage**

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  <vstp-interface-statistics>....</vstp-interface-statistics>
</stp-interface-statistics>
```

Description Statistics information about one or more STP interfaces

<stp-interface-statistics-entry>**Usage**

```
<stp-interface-statistics-entry>
  <interface-name>
    interface-name
  </interface-name>
  <total-bpdu-sent>
    total-bpdu-sent
  </total-bpdu-sent>
  <total-bpdu-received>
    total-bpdu-received
  </total-bpdu-received>
  <next-bpdu-time>
    next-bpdu-time
  </next-bpdu-time>
</stp-interface-statistics-entry>
```

Description Spanning Tree Protocol interface statistics

<stp-interface-statistics-entry>**Usage**

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdu-sent>
      total-bpdu-sent
    </total-bpdu-sent>
```

```
<total-bpdus-received>
  total-bpdus-received
</total-bpdus-received>
<next-bpdu-time>
  next-bpdu-time
</next-bpdu-time>
</stp-interface-statistics-entry>
</stp-interface-statistics>
```

Description Spanning Tree Protocol interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <vstp-interface-statistics>
    <stp-interface-statistics-entry>
      <interface-name>
        interface-name
      </interface-name>
      <total-bpdus-sent>
        total-bpdus-sent
      </total-bpdus-sent>
      <total-bpdus-received>
        total-bpdus-received
      </total-bpdus-received>
      <next-bpdu-time>
        next-bpdu-time
      </next-bpdu-time>
    </stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>
```

Description Spanning Tree Protocol interface statistics

<stp-interfaces>

Usage

```
<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>....</stp-interface-entry>
    </stp-interfaces>
  </stp-instance>
</stp-interface-information>
```

Description Information about one or more Spanning Tree Protocol interfaces

<stp-kernel-table>**Usage**

```

<stp-kernel-table>
  <stp-kernel-table-entry>....</stp-kernel-table-entry>
</stp-kernel-table>

```

Description Information about Spanning Tree Protocol kernel table

<stp-kernel-table-entry>**Usage**

```

<stp-kernel-table>
  <stp-kernel-table-entry>
    <stp-index>
      stp-index
    </stp-index>
    <kernel-if-name>
      kernel-if-name
    </kernel-if-name>
    <kernel-stp-instance>
      kernel-stp-instance
    </kernel-stp-instance>
    <kernel-state>
      kernel-state
    </kernel-state>
    <kernel-action>
      kernel-action
    </kernel-action>
    <epoch>
      epoch
    </epoch>
    <hardware-learning>
      hardware-learning
    </hardware-learning>
    <vpls-flush-sequence>
      vpls-flush-sequence
    </vpls-flush-sequence>
    <stp-peer-ip>
      stp-peer-ip
    </stp-peer-ip>
  </stp-kernel-table-entry>
</stp-kernel-table>

```

Description

<task>**Usage**

```

<task-information>
  <task>
    <task-name>
      task-name

```

```
</task-name>
<task-no-information>
  task-no-information
</task-no-information>
<task-timer>....</task-timer>
</task>
</task-information>
```

Description

<task>

Usage

```
<task-timer-information>
<task>
  <task-name>
    task-name
  </task-name>
  <task-no-information>
    task-no-information
  </task-no-information>
  <task-timer>....</task-timer>
</task>
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
<task-block>
  <tb-name>
    tb-name
  </tb-name>
  <tb-size>
    tb-size
  </tb-size>
  <tb-alloc-size>
    tb-alloc-size
  </tb-alloc-size>
  <tb-terse-transient>
    tb-terse-transient
  </tb-terse-transient>
  <tb-terse-fullpage>
    tb-terse-fullpage
  </tb-terse-fullpage>
  <tb-terse-debug>
    tb-terse-debug
  </tb-terse-debug>
  <tb-alloc-blocks>
    tb-alloc-blocks
  </tb-alloc-blocks>
  <tb-alloc-bytes>
```

```

        tb-alloc-bytes
      </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>

```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
        </tb-max-alloc-blocks>
        <tb-max-alloc-bytes>
          tb-max-alloc-bytes
        </tb-max-alloc-bytes>
      </task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-information>

Usage

```
<task-information>
  <task>....</task>
</task-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
```



```
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

```

    </task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```

<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size

```

```
</task-memory-in-use-size>
<task-memory-in-use-avail>
  task-memory-in-use-avail
</task-memory-in-use-avail>
<task-memory-max-size>
  task-memory-max-size
</task-memory-max-size>
<task-memory-max-avail>
  task-memory-max-avail
</task-memory-max-avail>
<task-memory-max-when>
  task-memory-max-when
</task-memory-max-when>
<task-memory-free-size>
  task-memory-free-size
</task-memory-free-size>
<task-memory-overall-report>....</task-memory-overall-report>
<task-memory-allocator-report>....</task-memory-allocator-report>
<task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
<task-memory-dynamic-allocs>
  task-memory-dynamic-allocs
</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>
```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>

```

```
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
        <tms-max-allocs>
          tms-max-allocs
        </tms-max-allocs>
        <tms-max-bytes>
          tms-max-bytes
        </tms-max-bytes>
        <tms-free-bytes>
          tms-free-bytes
        </tms-free-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
```

```

        <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-replication-state>

Usage

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
  <task-protocol-replication-state>
    task-protocol-replication-state
  </task-protocol-replication-state>
  <task-protocol-replication-name>
    task-protocol-replication-name
  </task-protocol-replication-name>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>

Usage

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>

```

```
    tsb-max-bytes
  </tsb-max-bytes>
  <tsb-free-bytes>
    tsb-free-bytes
  </tsb-free-bytes>
</task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs
        </tsb-allocs>
        <tsb-mallocs>
          tsb-mallocs
        </tsb-mallocs>
        <tsb-alloc-bytes>
          tsb-alloc-bytes
        </tsb-alloc-bytes>
        <tsb-max-allocs>
          tsb-max-allocs
        </tsb-max-allocs>
        <tsb-max-bytes>
          tsb-max-bytes
        </tsb-max-bytes>
        <tsb-free-bytes>
          tsb-free-bytes
        </tsb-free-bytes>
      </task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>**Usage**

```

<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>

```

Description**<task-size-block-list>****Usage**

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description**<task-timer>****Usage**

```

<task-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
      <timer-jitter>
        timer-jitter
      </timer-jitter>
      <timer-interval>
        timer-interval
      </timer-interval>
      <timer-flags>
        timer-flags
      </timer-flags>
    </task-timer>
  </task>
</task-information>

```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
      <timer-jitter>
        timer-jitter
      </timer-jitter>
      <timer-interval>
        timer-interval
      </timer-interval>
      <timer-flags>
        timer-flags
      </timer-flags>
    </task-timer>
  </task>
</task-timer-information>
```

Description**<task-timer-information>****Usage**

```
<task-timer-information>
  <task>.....</task>
</task-timer-information>
```

Description**<this-bridge>****Usage**

```
<cist-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</cist-bridge-parameters>
```

Description ID of bridge**<this-bridge>****Usage**

```
<vst-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</vst-bridge-parameters>
```

Description ID of bridge**<this-bridge>****Usage**

```
<msti-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
```

```
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </msti-bridge-parameters>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <msti-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </msti-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
    </this-bridge>
  </vst-bridge-parameters>
</stp-bridge>
```

```

    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</vst-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<vlan-map>

Usage

```

<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>....</vlan-map-entry>
  </vlan-map>
</mstp-configuration>

```

Description

<vlan-map-entry>

Usage

```

<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>
      <msti-id>
        msti-id
      </msti-id>
      <vlan-string>
        vlan-string
      </vlan-string>
    </vlan-map-entry>
  </vlan-map>
</mstp-configuration>

```

Description

<vst-bridge-parameters>

Usage

```

<vst-bridge-parameters>
  <vlan-id>
    vlan-id
  </vlan-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>

```

```
<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<msg-age>
  msg-age
</msg-age>
<time-since-last-tc>
  time-since-last-tc
</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<extended-system-id>
  extended-system-id
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</vst-bridge-parameters>
```

Description STP bridge parameters for VLAN Spanning Tree

<vst-bridge-parameters>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <vlan-id>
      vlan-id
    </vlan-id>
    <root-bridge>....</root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
```

```

    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <msg-age>
    msg-age
  </msg-age>
  <time-since-last-tc>
    time-since-last-tc
  </time-since-last-tc>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
  <forward-delay-configured>
    forward-delay-configured
  </forward-delay-configured>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</vst-bridge-parameters>
</stp-bridge>

```

Description STP bridge parameters for VLAN Spanning Tree

<vstp-interface-statistics>

Usage

```

<stp-interface-statistics>
  <vstp-interface-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>

```

Description Statistics information about one or more VLAN STP interfaces

<vstp-statistics>

Usage

```
<vstp-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <bpdus-sent-5seconds>
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
</vstp-statistics>
```

Description VLAN Spanning Tree Protocol statistics

<vstp-statistics>

Usage

```
<stp-context-statistics-information>
  <vstp-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <message-type>
      message-type
    </message-type>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <bpdus-sent-5seconds>
      bpdus-sent-5seconds
    </bpdus-sent-5seconds>
    <bpdus-received-5seconds>
      bpdus-received-5seconds
    </bpdus-received-5seconds>
  </vstp-statistics>
</stp-context-statistics-information>
```


Description VLAN Spanning Tree Protocol statistics

CHAPTER 13

Operational Response Tag Elements Common to EX Series, J Series, QFX Series, and SRX Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are common to devices belonging to the following platforms:

- EX Series
- J Series
- QFX Series
- SRX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of Autoinstallation Response Tags on page 6159
- Summary of DHCP Response Tags on page 6161
- Summary of IGMP Snooping Response Tags on page 6176
- Summary of LLDP Response Tags on page 6220

Summary of Autoinstallation Response Tags

<autoinstallation-status-information>

Usage

```
<autoinstallation-status-information>
  <master-state>
    master-state
  </master-state>
  <last-configuration-filename>
    last-configuration-filename
  </last-configuration-filename>
  <last-configuration-server>
```

```
        last-configuration-server
      </last-configuration-server>

    <autoinstallation-status-interface-information>....</autoinstallation-status-interface-information>

  </autoinstallation-status-information>
```

Description Autoinstallation status

<autoinstallation-status-interface-address-information>

Usage

```
<autoinstallation-status-information>
  <autoinstallation-status-interface-information>
    <autoinstallation-status-interface-address-information>
      <protocol-name>
        protocol-name
      </protocol-name>
      <protocol-address>
        protocol-address
      </protocol-address>
    </autoinstallation-status-interface-address-information>
  </autoinstallation-status-interface-information>
</autoinstallation-status-information>
```

Description Autoinstallation status for address acquisition protocols on a particular interface

<autoinstallation-status-interface-information>

Usage

```
<autoinstallation-status-information>
  <autoinstallation-status-interface-information>
    <interface-name>
      interface-name
    </interface-name>
    <interface-state>
      interface-state
    </interface-state>
    <interface-acquired-address>
      interface-acquired-address
    </interface-acquired-address>
    <interface-acquired-hostname>
      interface-acquired-hostname
    </interface-acquired-hostname>
    <interface-acquired-hostname-source>
      interface-acquired-hostname-source
    </interface-acquired-hostname-source>
    <interface-acquired-configuration-filename>
      interface-acquired-configuration-filename
    </interface-acquired-configuration-filename>
    <interface-acquired-configuration-server>
      interface-acquired-configuration-server
    </interface-acquired-configuration-server>
```

```

<autoinstallation-status-interface-address-information>...</autoinstallation-status-interface-address-information>

</autoinstallation-status-interface-information>
</autoinstallation-status-information>

```

Description Autoinstallation status for a particular interface

Summary of DHCP Response Tags

<client-identifier>

Usage

```

<dhcp-binding-information>
<dhcp-binding>
  <client-identifier>
    <hex-data>
      hex-data
    </hex-data>
    <hex-data-line>
      hex-data-line
    </hex-data-line>
    <printable-data-line>
      printable-data-line
    </printable-data-line>
  </client-identifier>
</dhcp-binding>
</dhcp-binding-information>

```

Description Identifier that the DHCP client provided for itself when it requested an address assignment

<dhcp-binding>

Usage

```

<dhcp-binding-information>
<dhcp-binding>
  <allocated-address>
    allocated-address
  </allocated-address>
  <mac-address>
    mac-address
  </mac-address>
  <dhcp-lease-binding-type>
    dhcp-lease-binding-type
  </dhcp-lease-binding-type>
  <lease-end-time>
    lease-end-time
  </lease-end-time>
  <lease-state>
    lease-state
  </lease-state>
  <dhcp-option-table>....</dhcp-option-table>

```

```
<address-pool-name>
  address-pool-name
</address-pool-name>
<interface-name>
  interface-name
</interface-name>
<bootp-relay-address>
  bootp-relay-address
</bootp-relay-address>
<dhcp-lease-information>....</dhcp-lease-information>
<client-identifier>....</client-identifier>
</dhcp-binding>
</dhcp-binding-information>
```

Description Information about the address assigned to a Dynamic Host Configuration Protocol client

<dhcp-binding-information>

Usage

```
<dhcp-binding-information>
<dhcp-binding>....</dhcp-binding>
</dhcp-binding-information>
```

Description Information about the address assigned to each of one or more Dynamic Host Configuration Protocol clients

<dhcp-client>

Usage

```
<dhcp-client-information>
<dhcp-client>
  <logical-interface>
    logical-interface
  </logical-interface>
  <mac-address>
    mac-address
  </mac-address>
  <client-status>
    client-status
  </client-status>
  <vendor-identifier>
    vendor-identifier
  </vendor-identifier>
  <server-address>
    server-address
  </server-address>
  <address-obtained>
    address-obtained
  </address-obtained>
  <update-server>
    update-server
  </update-server>
  <lease-obtained>
```

```

        lease-obtained
      </lease-obtained>
      <lease-expires>
        lease-expires
      </lease-expires>
      <dhcp-option-table>....</dhcp-option-table>
    </dhcp-client>
  </dhcp-client-information>

```

Description Information about a DHCP client

<dhcp-client-information>

Usage

```

<dhcp-client-information>
  <dhcp-client>....</dhcp-client>
</dhcp-client-information>

```

Description Information about one or more Dynamic Host Configuration Protocol clients

<dhcp-client-statistics-information>

Usage

```

<dhcp-client-statistics-information>
  <dropped-client-packet-total>
    dropped-client-packet-total
  </dropped-client-packet-total>
  <dropped-client-packet-invalid-server-address>
    dropped-client-packet-invalid-server-address
  </dropped-client-packet-invalid-server-address>
  <dropped-client-packet-too-short>
    dropped-client-packet-too-short
  </dropped-client-packet-too-short>
  <dropped-client-packet-read-error>
    dropped-client-packet-read-error
  </dropped-client-packet-read-error>
  <dropped-client-packet-send-error>
    dropped-client-packet-send-error
  </dropped-client-packet-send-error>
  <message-client-table>....</message-client-table>
</dhcp-client-statistics-information>

```

Description Statistics from the Dynamic Host Configuration Protocol client

<dhcp-conflict>

Usage

```

<dhcp-conflict>
  <detection-time>
    detection-time
  </detection-time>

```

```
<detection-method>
  detection-method
</detection-method>
<conflict-address>
  conflict-address
</conflict-address>
</dhcp-conflict>
```

Description Information about a Dynamic Host Configuration Protocol conflict. A conflict arises when an address assigned to DHCP client is already assigned to another entity (computer or interface, for example).

<dhcp-conflict>

Usage

```
<dhcp-conflict-information>
  <dhcp-conflict>
    <detection-time>
      detection-time
    </detection-time>
    <detection-method>
      detection-method
    </detection-method>
    <conflict-address>
      conflict-address
    </conflict-address>
  </dhcp-conflict>
</dhcp-conflict-information>
```

Description Information about a Dynamic Host Configuration Protocol conflict. A conflict arises when an address assigned to DHCP client is already assigned to another entity (computer or interface, for example).

<dhcp-conflict-information>

Usage

```
<dhcp-conflict-information>
  <dhcp-conflict>....</dhcp-conflict>
</dhcp-conflict-information>
```

Description Information about one or more Dynamic Host Configuration Protocol conflicts.

<dhcp-global-information>

Usage

```
<dhcp-global-information>
  <dhcp-lease-time-information>....</dhcp-lease-time-information>
  <dhcp-option-table>....</dhcp-option-table>
  <bootp-lease-length>
    bootp-lease-length
  </bootp-lease-length>
```



```

    <bootp-lease-cutoff>
      bootp-lease-cutoff
    </bootp-lease-cutoff>
  </dhcp-global-information>

```

Description Information about Dynamic Host Configuration Protocol settings that are configured for the global scope

<dhcp-helper-statistics>

Usage

```

<dhcp-helper-statistics>
  <helper-statistics-service-information>....</helper-statistics-service-information>

</dhcp-helper-statistics>

```

Description Port forwarding helper statistics

<dhcp-lease-information>

Usage

```

<dhcp-lease-information>
  <dhcp-lease-type>
    dhcp-lease-type
  </dhcp-lease-type>
  <lease-start-time>
    lease-start-time
  </lease-start-time>
  <lease-end-time>
    lease-end-time
  </lease-end-time>
  <lease-state>
    lease-state
  </lease-state>
</dhcp-lease-information>

```

Description Information about an address assignment

<dhcp-lease-information>

Usage

```

<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-lease-information>
      <dhcp-lease-type>
        dhcp-lease-type
      </dhcp-lease-type>
      <lease-start-time>
        lease-start-time
      </lease-start-time>
      <lease-end-time>

```

```
        lease-end-time
      </lease-end-time>
    <lease-state>
      lease-state
    </lease-state>
  </dhcp-lease-information>
</dhcp-binding>
</dhcp-binding-information>
```

Description Information about an address assignment

<dhcp-lease-time-information>

Usage

```
<dhcp-lease-time-information>
  <default-lease-time>
    default-lease-time
  </default-lease-time>
  <minimum-lease-time>
    minimum-lease-time
  </minimum-lease-time>
  <maximum-lease-time>
    maximum-lease-time
  </maximum-lease-time>
</dhcp-lease-time-information>
```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-lease-time-information>

Usage

```
<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-lease-time-information>
      <default-lease-time>
        default-lease-time
      </default-lease-time>
      <minimum-lease-time>
        minimum-lease-time
      </minimum-lease-time>
      <maximum-lease-time>
        maximum-lease-time
      </maximum-lease-time>
    </dhcp-lease-time-information>
  </dhcp-pool>
</dhcp-pool-information>
```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-lease-time-information>

Usage

```

<dhcp-global-information>
  <dhcp-lease-time-information>
    <default-lease-time>
      default-lease-time
    </default-lease-time>
    <minimum-lease-time>
      minimum-lease-time
    </minimum-lease-time>
    <maximum-lease-time>
      maximum-lease-time
    </maximum-lease-time>
  </dhcp-lease-time-information>
</dhcp-global-information>

```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-option>

Usage

```

<dhcp-option>
  <dhcp-option-code>
    dhcp-option-code
  </dhcp-option-code>
  <dhcp-option-name>
    dhcp-option-name
  </dhcp-option-name>
  <dhcp-option-type>
    dhcp-option-type
  </dhcp-option-type>
  <dhcp-option-value>
    dhcp-option-value
  </dhcp-option-value>
</dhcp-option>

```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```

<dhcp-option-table>
  <dhcp-option>
    <dhcp-option-code>
      dhcp-option-code
    </dhcp-option-code>
    <dhcp-option-name>
      dhcp-option-name
    </dhcp-option-name>
  </dhcp-option>

```

```
<dhcp-option-type>
  dhcp-option-type
</dhcp-option-type>
<dhcp-option-value>
  dhcp-option-value
</dhcp-option-value>
</dhcp-option>
</dhcp-option-table>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-option-table>
      <dhcp-option>
        <dhcp-option-code>
          dhcp-option-code
        </dhcp-option-code>
        <dhcp-option-name>
          dhcp-option-name
        </dhcp-option-name>
        <dhcp-option-type>
          dhcp-option-type
        </dhcp-option-type>
        <dhcp-option-value>
          dhcp-option-value
        </dhcp-option-value>
      </dhcp-option>
    </dhcp-option-table>
  </dhcp-binding>
</dhcp-binding-information>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-option-table>
      <dhcp-option>
        <dhcp-option-code>
          dhcp-option-code
        </dhcp-option-code>
        <dhcp-option-name>
          dhcp-option-name
        </dhcp-option-name>
```

```
<dhcp-option-type>
  dhcp-option-type
</dhcp-option-type>
<dhcp-option-value>
  dhcp-option-value
</dhcp-option-value>
</dhcp-option>
</dhcp-option-table>
</dhcp-pool>
</dhcp-pool-information>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-global-information>
  <dhcp-option-table>
    <dhcp-option>
      <dhcp-option-code>
        dhcp-option-code
      </dhcp-option-code>
      <dhcp-option-name>
        dhcp-option-name
      </dhcp-option-name>
      <dhcp-option-type>
        dhcp-option-type
      </dhcp-option-type>
      <dhcp-option-value>
        dhcp-option-value
      </dhcp-option-value>
    </dhcp-option>
  </dhcp-option-table>
</dhcp-global-information>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-client-information>
  <dhcp-client>
    <dhcp-option-table>
      <dhcp-option>
        <dhcp-option-code>
          dhcp-option-code
        </dhcp-option-code>
        <dhcp-option-name>
          dhcp-option-name
        </dhcp-option-name>
```

```
<dhcp-option-type>
  dhcp-option-type
</dhcp-option-type>
<dhcp-option-value>
  dhcp-option-value
</dhcp-option-value>
</dhcp-option>
</dhcp-option-table>
</dhcp-client>
</dhcp-client-information>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-option-table>
  <dhcp-option>....</dhcp-option>
</dhcp-option-table>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-option-table>
      <dhcp-option>....</dhcp-option>
    </dhcp-option-table>
  </dhcp-binding>
</dhcp-binding-information>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-option-table>
      <dhcp-option>....</dhcp-option>
    </dhcp-option-table>
  </dhcp-pool>
</dhcp-pool-information>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-global-information>
  <dhcp-option-table>
    <dhcp-option>....</dhcp-option>
  </dhcp-option-table>
</dhcp-global-information>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-client-information>
  <dhcp-client>
    <dhcp-option-table>
      <dhcp-option>....</dhcp-option>
    </dhcp-option-table>
  </dhcp-client>
</dhcp-client-information>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-pool>

Usage

```
<dhcp-pool-information>
  <dhcp-pool>
    <address-pool-name>
      address-pool-name
    </address-pool-name>
    <address-pool-low-address>
      address-pool-low-address
    </address-pool-low-address>
    <address-pool-high-address>
      address-pool-high-address
    </address-pool-high-address>
    <address-pool-excluded-address>
      address-pool-excluded-address
    </address-pool-excluded-address>
    <dhcp-lease-time-information>....</dhcp-lease-time-information>
    <dhcp-option-table>....</dhcp-option-table>
    <address-count>
      address-count
    </address-count>
    <assigned-lease-count>
```

```
    assigned-lease-count
  </assigned-lease-count>
  <active-lease-count>
    active-lease-count
  </active-lease-count>
  <offered-lease-count>
    offered-lease-count
  </offered-lease-count>
  <expired-lease-count>
    expired-lease-count
  </expired-lease-count>
  <conflict-count>
    conflict-count
  </conflict-count>
  <exclusion-count>
    exclusion-count
  </exclusion-count>
</dhcp-pool>
</dhcp-pool-information>
```

Description Information about a Dynamic Host Configuration Protocol address pool

<dhcp-pool-information>

Usage

```
<dhcp-pool-information>
<dhcp-pool>....</dhcp-pool>
</dhcp-pool-information>
```

Description Information about one or more Dynamic Host Configuration Protocol address pools

<dhcp-statistics-information>

Usage

```
<dhcp-statistics-information>
  <dropped-packet-total>
    dropped-packet-total
  </dropped-packet-total>
  <dropped-packet-bad-hardware>
    dropped-packet-bad-hardware
  </dropped-packet-bad-hardware>
  <dropped-packet-bad-opcode>
    dropped-packet-bad-opcode
  </dropped-packet-bad-opcode>
  <dropped-packet-bad-options>
    dropped-packet-bad-options
  </dropped-packet-bad-options>
  <dropped-packet-invalid-server-address>
    dropped-packet-invalid-server-address
  </dropped-packet-invalid-server-address>
  <dropped-packet-no-addresses>
    dropped-packet-no-addresses
  </dropped-packet-no-addresses>
```



```

<dropped-packet-no-interface>
  dropped-packet-no-interface
</dropped-packet-no-interface>
<dropped-packet-no-routing-instance>
  dropped-packet-no-routing-instance
</dropped-packet-no-routing-instance>
<dropped-packet-no-local-address>
  dropped-packet-no-local-address
</dropped-packet-no-local-address>
<dropped-packet-too-short>
  dropped-packet-too-short
</dropped-packet-too-short>
<dropped-packet-read-error>
  dropped-packet-read-error
</dropped-packet-read-error>
<dropped-packet-send-error>
  dropped-packet-send-error
</dropped-packet-send-error>
<message-table>....</message-table>
</dhcp-statistics-information>

```

Description Statistics from the Dynamic Host Configuration Protocol relay process

<helper-statistics>

Usage

```

<helper-statistics>
  <relay-information>....</relay-information>
</helper-statistics>

```

Description Port forwarding helper statistics

<helper-statistics-service-information>

Usage

```

<dhcp-helper-statistics>
  <helper-statistics-service-information>
    <service-name>
      service-name
    </service-name>
    <received-packets>
      received-packets
    </received-packets>
    <forwarded-packets>
      forwarded-packets
    </forwarded-packets>
    <dropped-packets>
      dropped-packets
    </dropped-packets>
    <dropped-packets-no-interface>
      dropped-packets-no-interface
    </dropped-packets-no-interface>
    <dropped-packets-no-rinst>

```

```
    dropped-packets-no-rtinst
  </dropped-packets-no-rtinst>
  <dropped-packets-badread>
    dropped-packets-badread
  </dropped-packets-badread>
  <dropped-packets-badsend>
    dropped-packets-badsend
  </dropped-packets-badsend>
  <dropped-packets-badaddr>
    dropped-packets-badaddr
  </dropped-packets-badaddr>
  <dropped-packets-no-localaddr>
    dropped-packets-no-localaddr
  </dropped-packets-no-localaddr>
  <dropped-packets-no-route>
    dropped-packets-no-route
  </dropped-packets-no-route>
</helper-statistics-service-information>
</dhcp-helper-statistics>
```

Description Port forwarding helper statistics for a particular service

<message>

Usage

```
<dhcp-statistics-information>
  <message-table>
    <message>
      <message-name>
        message-name
      </message-name>
      <message-count>
        message-count
      </message-count>
    </message>
  </message-table>
</dhcp-statistics-information>
```

Description Information about a DHCP or BOOTP message

<message-client>

Usage

```
<dhcp-client-statistics-information>
  <message-client-table>
    <message-client>
      <message-client-name>
        message-client-name
      </message-client-name>
      <message-client-count>
        message-client-count
      </message-client-count>
    </message-client>
  </message-client-table>
</dhcp-client-statistics-information>
```

```

    </message-client-table>
  </dhcp-client-statistics-information>

```

Description Information about a DHCP or BOOTP message

<message-client-table>

Usage

```

<dhcp-client-statistics-information>
  <message-client-table>
    <message-client-direction>
      message-client-direction
    </message-client-direction>
    <message-client>....</message-client>
  </message-client-table>
</dhcp-client-statistics-information>

```

Description Information about one or more DHCP or bootstrap protocol (BOOTP) messages sent or received by the DHCP client

<message-table>

Usage

```

<dhcp-statistics-information>
  <message-table>
    <message-direction>
      message-direction
    </message-direction>
    <message>....</message>
  </message-table>
</dhcp-statistics-information>

```

Description Information about one or more DHCP or bootstrap protocol (BOOTP) messages sent or received by the DHCP relay process

<relay-information>

Usage

```

<helper-statistics>
  <relay-information>
    <bootp-received-packets>
      bootp-received-packets
    </bootp-received-packets>
    <bootp-forwarded-packets>
      bootp-forwarded-packets
    </bootp-forwarded-packets>
    <bootp-dropped-packets>
      bootp-dropped-packets
    </bootp-dropped-packets>
    <bootp-dropped-packets-nointerface>
      bootp-dropped-packets-nointerface

```

```
</bootp-dropped-packets-nointerface>
<bootp-dropped-packets-nortinst>
  bootp-dropped-packets-nortinst
</bootp-dropped-packets-nortinst>
<bootp-dropped-packets-badread>
  bootp-dropped-packets-badread
</bootp-dropped-packets-badread>
<bootp-dropped-packets-badsend>
  bootp-dropped-packets-badsend
</bootp-dropped-packets-badsend>
<bootp-dropped-packets-badaddr>
  bootp-dropped-packets-badaddr
</bootp-dropped-packets-badaddr>
<bootp-dropped-packets-nolocaladdr>
  bootp-dropped-packets-nolocaladdr
</bootp-dropped-packets-nolocaladdr>
<bootp-dropped-packets-noroute>
  bootp-dropped-packets-noroute
</bootp-dropped-packets-noroute>
</relay-information>
</helper-statistics>
```

Description Port forwarding helper statistics for a DHCP relay service

Summary of IGMP Snooping Response Tags

<bridge-table-group-entry>

Usage

```
<bridge-table-group-entry>
  <vlan-id>
    vlan-id
  </vlan-id>
  <vlan-name>
    vlan-name
  </vlan-name>
  <destination>
    destination
  </destination>
  <forward-next-hop>....</forward-next-hop>
  <group-next-hop>....</group-next-hop>
  <inet-references>
    inet-references
  </inet-references>
  <bridge-table-sg-entry>....</bridge-table-sg-entry>
</bridge-table-group-entry>
```

Description

<bridge-table-group-entry>

Usage

```
<igmp-snooping-table-bridge>
```

```

<bridge-table-group-entry>
  <vlan-id>
    vlan-id
  </vlan-id>
  <vlan-name>
    vlan-name
  </vlan-name>
  <destination>
    destination
  </destination>
  <forward-next-hop>....</forward-next-hop>
  <group-next-hop>....</group-next-hop>
  <inet-references>
    inet-references
  </inet-references>
  <bridge-table-sg-entry>....</bridge-table-sg-entry>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>

```

Description

<bridge-table-group-entry>

Usage

```

<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <vlan-id>
        vlan-id
      </vlan-id>
      <vlan-name>
        vlan-name
      </vlan-name>
      <destination>
        destination
      </destination>
      <forward-next-hop>....</forward-next-hop>
      <group-next-hop>....</group-next-hop>
      <inet-references>
        inet-references
      </inet-references>
      <bridge-table-sg-entry>....</bridge-table-sg-entry>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>

```

Description

<bridge-table-sg-entry>

Usage

```

<bridge-table-sg-entry>
  <source>
    source

```

```
</source>
<next-hop>....</next-hop>
</bridge-table-sg-entry>
```

Description

<bridge-table-sg-entry>

Usage

```
<bridge-table-group-entry>
  <bridge-table-sg-entry>
    <source>
      source
    </source>
    <next-hop>....</next-hop>
  </bridge-table-sg-entry>
</bridge-table-group-entry>
```

Description

<bridge-table-sg-entry>

Usage

```
<igmp-snooping-table-bridge>
  <bridge-table-group-entry>
    <bridge-table-sg-entry>
      <source>
        source
      </source>
      <next-hop>....</next-hop>
    </bridge-table-sg-entry>
  </bridge-table-group-entry>
</igmp-snooping-table-bridge>
```

Description

<bridge-table-sg-entry>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <bridge-table-sg-entry>
        <source>
          source
        </source>
        <next-hop>....</next-hop>
      </bridge-table-sg-entry>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description**<forward-next-hop>****Usage**

```
<bridge-table-group-entry>  
  <forward-next-hop>  
    <next-hop>....</next-hop>  
  </forward-next-hop>  
</bridge-table-group-entry>
```

Description Forwarding next-hop

<forward-next-hop>**Usage**

```
<igmp-snooping-table-bridge>  
  <bridge-table-group-entry>  
    <forward-next-hop>  
      <next-hop>....</next-hop>  
    </forward-next-hop>  
  </bridge-table-group-entry>  
</igmp-snooping-table-bridge>
```

Description Forwarding next-hop

<forward-next-hop>**Usage**

```
<igmp-snooping-routing-information>  
  <igmp-snooping-table-bridge>  
    <bridge-table-group-entry>  
      <forward-next-hop>  
        <next-hop>....</next-hop>  
      </forward-next-hop>  
    </bridge-table-group-entry>  
  </igmp-snooping-table-bridge>  
</igmp-snooping-routing-information>
```

Description Forwarding next-hop

<forward-next-hop>**Usage**

```
<igmp-snooping-routing-information>  
  <forward-next-hop>  
    <next-hop>....</next-hop>  
  </forward-next-hop>  
</igmp-snooping-routing-information>
```

Description Forwarding next-hop

<group-next-hop>

Usage

```
<bridge-table-group-entry>
  <group-next-hop>
    <next-hop>....</next-hop>
  </group-next-hop>
</bridge-table-group-entry>
```

Description Downstream interfaces for this (*, g) group

<group-next-hop>

Usage

```
<igmp-snooping-table-bridge>
  <bridge-table-group-entry>
    <group-next-hop>
      <next-hop>....</next-hop>
    </group-next-hop>
  </bridge-table-group-entry>
</igmp-snooping-table-bridge>
```

Description Downstream interfaces for this (*, g) group

<group-next-hop>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <group-next-hop>
        <next-hop>....</next-hop>
      </group-next-hop>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description Downstream interfaces for this (*, g) group

<igmp-group-interface>

Usage

```
<igmp-group-interface>
  <snooping-interface-name>
    snooping-interface-name
  </snooping-interface-name>
  <timeout>
    timeout
  </timeout>
```



```

<snooping-interface-uptime>
  snooping-interface-uptime
</snooping-interface-uptime>
<last-reporter>
  last-reporter
</last-reporter>
<query-timer>
  query-timer
</query-timer>
<snooping-include-source-v3>
  snooping-include-source-v3
</snooping-include-source-v3>
<snooping-exclude-source-v3>
  snooping-exclude-source-v3
</snooping-exclude-source-v3>
<flags>
  flags
</flags>
<receiver-count>
  receiver-count
</receiver-count>
</igmp-group-interface>

```

Description

<igmp-group-interface>

Usage

```

<igmp-snooping-group>
<igmp-group-interface>
  <snooping-interface-name>
    snooping-interface-name
  </snooping-interface-name>
  <timeout>
    timeout
  </timeout>
  <snooping-interface-uptime>
    snooping-interface-uptime
  </snooping-interface-uptime>
  <last-reporter>
    last-reporter
  </last-reporter>
  <query-timer>
    query-timer
  </query-timer>
  <snooping-include-source-v3>
    snooping-include-source-v3
  </snooping-include-source-v3>
  <snooping-exclude-source-v3>
    snooping-exclude-source-v3
  </snooping-exclude-source-v3>
  <flags>
    flags
  </flags>
  <receiver-count>

```

```
    receiver-count
  </receiver-count>
</igmp-group-interface>
</igmp-snooping-group>
```

Description

<igmp-group-interface>

Usage

```
<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>
    <igmp-snooping-group>
      <igmp-group-interface>
        <snooping-interface-name>
          snooping-interface-name
        </snooping-interface-name>
        <timeout>
          timeout
        </timeout>
        <snooping-interface-uptime>
          snooping-interface-uptime
        </snooping-interface-uptime>
        <last-reporter>
          last-reporter
        </last-reporter>
        <query-timer>
          query-timer
        </query-timer>
        <snooping-include-source-v3>
          snooping-include-source-v3
        </snooping-include-source-v3>
        <snooping-exclude-source-v3>
          snooping-exclude-source-v3
        </snooping-exclude-source-v3>
        <flags>
          flags
        </flags>
        <receiver-count>
          receiver-count
        </receiver-count>
      </igmp-group-interface>
    </igmp-snooping-group>
  </igmp-snooping-group-vlan>
</igmp-snooping-membership-information>
```

Description

<igmp-group-rxlan>

Usage

```
<igmp-group-rxlan>
  <snooping-rxlan-name>
    snooping-rxlan-name
```

```

</snooping-rxlan-name>
<snooping-rxlan-uptime>
  snooping-rxlan-uptime
</snooping-rxlan-uptime>
</igmp-group-rxlan>

```

Description

<igmp-group-rxlan>

Usage

```

<igmp-snooping-group>
  <igmp-group-rxlan>
    <snooping-rxlan-name>
      snooping-rxlan-name
    </snooping-rxlan-name>
    <snooping-rxlan-uptime>
      snooping-rxlan-uptime
    </snooping-rxlan-uptime>
  </igmp-group-rxlan>
</igmp-snooping-group>

```

Description

<igmp-group-rxlan>

Usage

```

<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>
    <igmp-snooping-group>
      <igmp-group-rxlan>
        <snooping-rxlan-name>
          snooping-rxlan-name
        </snooping-rxlan-name>
        <snooping-rxlan-uptime>
          snooping-rxlan-uptime
        </snooping-rxlan-uptime>
      </igmp-group-rxlan>
    </igmp-snooping-group>
  </igmp-snooping-group-vlan>
</igmp-snooping-membership-information>

```

Description

<igmp-snooping-global-stats>

Usage

```

<igmp-snooping-global-stats>
  <bad-length>
    bad-length
  </bad-length>
  <bad-checksum>
    bad-checksum
  </bad-checksum>

```

```
<bad-interface>
  bad-interface
</bad-interface>
<not-local>
  not-local
</not-local>
<received-unknowns>
  received-unknowns
</received-unknowns>
<timed-out>
  timed-out
</timed-out>
<igmp-snooping-statistics>....</igmp-snooping-statistics>
</igmp-snooping-global-stats>
```

Description

<igmp-snooping-global-stats>

Usage

```
<igmp-snooping-statistics-information>
<igmp-snooping-global-stats>
  <bad-length>
    bad-length
  </bad-length>
  <bad-checksum>
    bad-checksum
  </bad-checksum>
  <bad-interface>
    bad-interface
  </bad-interface>
  <not-local>
    not-local
  </not-local>
  <received-unknowns>
    received-unknowns
  </received-unknowns>
  <timed-out>
    timed-out
  </timed-out>
  <igmp-snooping-statistics>....</igmp-snooping-statistics>
</igmp-snooping-global-stats>
</igmp-snooping-statistics-information>
```

Description

<igmp-snooping-group>

Usage

```
<igmp-snooping-group>
<destination>
  destination
</destination>
<source>
```

```

    source
  </source>
  <ttl>
    ttl
  </ttl>
  <router-count>
    router-count
  </router-count>
  <igmp-group-interface>....</igmp-group-interface>
  <igmp-group-rxlan>....</igmp-group-rxlan>
</igmp-snooping-group>

```

Description IGMP snooping state machine group

<igmp-snooping-group>

Usage

```

<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>
    <igmp-snooping-group>
      <destination>
        destination
      </destination>
      <source>
        source
      </source>
      <ttl>
        ttl
      </ttl>
      <router-count>
        router-count
      </router-count>
      <igmp-group-interface>....</igmp-group-interface>
      <igmp-group-rxlan>....</igmp-group-rxlan>
    </igmp-snooping-group>
  </igmp-snooping-group-vlan>
</igmp-snooping-membership-information>

```

Description IGMP snooping state machine group

<igmp-snooping-group-vlan>

Usage

```

<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>
    <vlan-index>
      vlan-index
    </vlan-index>
    <vlan-name>
      vlan-name
    </vlan-name>
    <vlan-tag>
      vlan-tag

```

```
</vlan-tag>
<igmp-vlan-router-interface>....</igmp-vlan-router-interface>
<igmp-snooping-group>....</igmp-snooping-group>
</igmp-snooping-group-vlan>
</igmp-snooping-membership-information>
```

Description

<igmp-snooping-membership-information>

Usage

```
<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>....</igmp-snooping-group-vlan>
</igmp-snooping-membership-information>
```

Description

<igmp-snooping-routing-information>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>....</igmp-snooping-table-bridge>
  <igmp-snooping-table-inet>....</igmp-snooping-table-inet>
  <forward-next-hop>....</forward-next-hop>
</igmp-snooping-routing-information>
```

Description

<igmp-snooping-statistics>

Usage

```
<igmp-snooping-statistics>
  <received-queries>
    received-queries
  </received-queries>
  <transmitted-queries>
    transmitted-queries
  </transmitted-queries>
  <bad-queries>
    bad-queries
  </bad-queries>
  <received-reports>
    received-reports
  </received-reports>
  <transmitted-reports>
    transmitted-reports
  </transmitted-reports>
  <bad-reports>
    bad-reports
  </bad-reports>
  <received-leaves>
    received-leaves
  </received-leaves>
  <transmitted-leaves>
```

```

    transmitted-leaves
  </transmitted-leaves>
  <bad-leaves>
    bad-leaves
  </bad-leaves>
  <received-others>
    received-others
  </received-others>
  <transmitted-others>
    transmitted-others
  </transmitted-others>
  <bad-others>
    bad-others
  </bad-others>
</igmp-snooping-statistics>

```

Description

<igmp-snooping-statistics>

Usage

```

<igmp-snooping-global-stats>
  <igmp-snooping-statistics>
    <received-queries>
      received-queries
    </received-queries>
    <transmitted-queries>
      transmitted-queries
    </transmitted-queries>
    <bad-queries>
      bad-queries
    </bad-queries>
    <received-reports>
      received-reports
    </received-reports>
    <transmitted-reports>
      transmitted-reports
    </transmitted-reports>
    <bad-reports>
      bad-reports
    </bad-reports>
    <received-leaves>
      received-leaves
    </received-leaves>
    <transmitted-leaves>
      transmitted-leaves
    </transmitted-leaves>
    <bad-leaves>
      bad-leaves
    </bad-leaves>
    <received-others>
      received-others
    </received-others>
    <transmitted-others>
      transmitted-others

```

```
</transmitted-others>
<bad-others>
  bad-others
</bad-others>
</igmp-snooping-statistics>
</igmp-snooping-global-stats>
```

Description

<igmp-snooping-statistics>

Usage

```
<igmp-snooping-statistics-information>
<igmp-snooping-global-stats>
  <igmp-snooping-statistics>
    <received-queries>
      received-queries
    </received-queries>
    <transmitted-queries>
      transmitted-queries
    </transmitted-queries>
    <bad-queries>
      bad-queries
    </bad-queries>
    <received-reports>
      received-reports
    </received-reports>
    <transmitted-reports>
      transmitted-reports
    </transmitted-reports>
    <bad-reports>
      bad-reports
    </bad-reports>
    <received-leaves>
      received-leaves
    </received-leaves>
    <transmitted-leaves>
      transmitted-leaves
    </transmitted-leaves>
    <bad-leaves>
      bad-leaves
    </bad-leaves>
    <received-others>
      received-others
    </received-others>
    <transmitted-others>
      transmitted-others
    </transmitted-others>
    <bad-others>
      bad-others
    </bad-others>
  </igmp-snooping-statistics>
</igmp-snooping-global-stats>
</igmp-snooping-statistics-information>
```


Description

<igmp-snooping-statistics-information>

Usage

```
<igmp-snooping-statistics-information>
  <igmp-snooping-global-stats>.....</igmp-snooping-global-stats>
</igmp-snooping-statistics-information>
```

Description

<igmp-snooping-table-bridge>

Usage

```
<igmp-snooping-table-bridge>
  <bridge-table-id>
    bridge-table-id
  </bridge-table-id>
  <bridge-table-group-entry>.....</bridge-table-group-entry>
</igmp-snooping-table-bridge>
```

Description

<igmp-snooping-table-bridge>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-id>
      bridge-table-id
    </bridge-table-id>
    <bridge-table-group-entry>.....</bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description

<igmp-snooping-table-inet>

Usage

```
<igmp-snooping-table-inet>
  <inet-table-id>
    inet-table-id
  </inet-table-id>
  <inet-table-route-entry>.....</inet-table-route-entry>
</igmp-snooping-table-inet>
```

Description

<igmp-snooping-table-inet>

Usage

```
<igmp-snooping-routing-information>
```

```
<igmp-snooping-table-inet>
  <inet-table-id>
    inet-table-id
  </inet-table-id>
  <inet-table-route-entry>....</inet-table-route-entry>
</igmp-snooping-table-inet>
</igmp-snooping-routing-information>
```

Description

<igmp-snooping-vlan>

Usage

```
<igmp-snooping-vlan>
  <vlan-index>
    vlan-index
  </vlan-index>
  <vlan-name>
    vlan-name
  </vlan-name>
  <interface-count>
    interface-count
  </interface-count>
  <group-count>
    group-count
  </group-count>
  <mrouter-count>
    mrouter-count
  </mrouter-count>
  <reporter-count>
    reporter-count
  </reporter-count>
  <rxlan-count>
    rxlan-count
  </rxlan-count>
  <vlan-tag>
    vlan-tag
  </vlan-tag>
  <data-forwarding-internal-vlan>
    data-forwarding-internal-vlan
  </data-forwarding-internal-vlan>
  <vlan-interface>
    vlan-interface
  </vlan-interface>
  <membership-timeout>
    membership-timeout
  </membership-timeout>
  <query-timeout>
    query-timeout
  </query-timeout>
  <igmp-snooping-vlan-member>....</igmp-snooping-vlan-member>
  <igmp-snooping-vlan-rxlan-member>....</igmp-snooping-vlan-rxlan-member>
</igmp-snooping-vlan>
```

Description

<igmp-snooping-vlan>

Usage

```

<igmp-snooping-vlan-information>
  <igmp-snooping-vlan>
    <vlan-index>
      vlan-index
    </vlan-index>
    <vlan-name>
      vlan-name
    </vlan-name>
    <interface-count>
      interface-count
    </interface-count>
    <group-count>
      group-count
    </group-count>
    <mrouter-count>
      mrouter-count
    </mrouter-count>
    <reporter-count>
      reporter-count
    </reporter-count>
    <rxlan-count>
      rxlan-count
    </rxlan-count>
    <vlan-tag>
      vlan-tag
    </vlan-tag>
    <data-forwarding-internal-vlan>
      data-forwarding-internal-vlan
    </data-forwarding-internal-vlan>
    <vlan-interface>
      vlan-interface
    </vlan-interface>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-timeout>
      query-timeout
    </query-timeout>
    <igmp-snooping-vlan-member>....</igmp-snooping-vlan-member>
    <igmp-snooping-vlan-rxlan-member>....</igmp-snooping-vlan-rxlan-member>

  </igmp-snooping-vlan>
</igmp-snooping-vlan-information>

```

Description

<igmp-snooping-vlan-information>

Usage

```

<igmp-snooping-vlan-information>

```

```
<igmp-snooping-vlan>....</igmp-snooping-vlan>
</igmp-snooping-vlan-information>
```

Description

<igmp-snooping-vlan-member>

Usage

```
<igmp-snooping-vlan-member>
  <vmember-interface-name>
    vmember-interface-name
  </vmember-interface-name>
  <vmember-tagness>
    vmember-tagness
  </vmember-tagness>
  <vmember-group-count>
    vmember-group-count
  </vmember-group-count>
  <vmember-reporter-count>
    vmember-reporter-count
  </vmember-reporter-count>
  <vmember-is-mrouter>
    vmember-is-mrouter
  </vmember-is-mrouter>
</igmp-snooping-vlan-member>
```

Description

<igmp-snooping-vlan-member>

Usage

```
<igmp-snooping-vlan>
  <igmp-snooping-vlan-member>
    <vmember-interface-name>
      vmember-interface-name
    </vmember-interface-name>
    <vmember-tagness>
      vmember-tagness
    </vmember-tagness>
    <vmember-group-count>
      vmember-group-count
    </vmember-group-count>
    <vmember-reporter-count>
      vmember-reporter-count
    </vmember-reporter-count>
    <vmember-is-mrouter>
      vmember-is-mrouter
    </vmember-is-mrouter>
  </igmp-snooping-vlan-member>
</igmp-snooping-vlan>
```

Description

<igmp-snooping-vlan-member>**Usage**

```

<igmp-snooping-vlan-information>
  <igmp-snooping-vlan>
    <igmp-snooping-vlan-member>
      <vmember-interface-name>
        vmember-interface-name
      </vmember-interface-name>
      <vmember-tagness>
        vmember-tagness
      </vmember-tagness>
      <vmember-group-count>
        vmember-group-count
      </vmember-group-count>
      <vmember-reporter-count>
        vmember-reporter-count
      </vmember-reporter-count>
      <vmember-is-mrouter>
        vmember-is-mrouter
      </vmember-is-mrouter>
    </igmp-snooping-vlan-member>
  </igmp-snooping-vlan>
</igmp-snooping-vlan-information>

```

Description**<igmp-snooping-vlan-rxlan-member>****Usage**

```

<igmp-snooping-vlan-rxlan-member>
  <vmember-rxlan-name>
    vmember-rxlan-name
  </vmember-rxlan-name>
</igmp-snooping-vlan-rxlan-member>

```

Description**<igmp-snooping-vlan-rxlan-member>****Usage**

```

<igmp-snooping-vlan>
  <igmp-snooping-vlan-rxlan-member>
    <vmember-rxlan-name>
      vmember-rxlan-name
    </vmember-rxlan-name>
  </igmp-snooping-vlan-rxlan-member>
</igmp-snooping-vlan>

```

Description

<igmp-snooping-vlan-rxlan-member>

Usage

```
<igmp-snooping-vlan-information>
  <igmp-snooping-vlan>
    <igmp-snooping-vlan-rxlan-member>
      <vmember-rxlan-name>
        vmember-rxlan-name
      </vmember-rxlan-name>
    </igmp-snooping-vlan-rxlan-member>
  </igmp-snooping-vlan>
</igmp-snooping-vlan-information>
```

Description

<igmp-vlan-router-interface>

Usage

```
<igmp-snooping-membership-information>
  <igmp-snooping-group-vlan>
    <igmp-vlan-router-interface>
      <mrouter-interface-name>
        mrouter-interface-name
      </mrouter-interface-name>
      <mrouter-interface-mode>
        mrouter-interface-mode
      </mrouter-interface-mode>
      <mrouter-interface-uptime>
        mrouter-interface-uptime
      </mrouter-interface-uptime>
      <mrouter-interface-timeout>
        mrouter-interface-timeout
      </mrouter-interface-timeout>
    </igmp-vlan-router-interface>
  </igmp-snooping-group-vlan>
</igmp-snooping-membership-information>
```

Description

<inet-table-route-entry>

Usage

```
<inet-table-route-entry>
  <inet-destination>
    inet-destination
  </inet-destination>
  <inet-source>
    inet-source
  </inet-source>
  <mcrt-next-hop-index>
    mcrt-next-hop-index
  </mcrt-next-hop-index>
  <mcrt-next-hop-entry>.....</mcrt-next-hop-entry>
</inet-table-route-entry>.....</inet-table-route-entry>
```

```
</inet-table-route-entry>
```

Description

```
<inet-table-route-entry>
```

Usage

```
<igmp-snooping-table-inet>
  <inet-table-route-entry>
    <inet-destination>
      inet-destination
    </inet-destination>
    <inet-source>
      inet-source
    </inet-source>
    <mcrt-next-hop-index>
      mcrt-next-hop-index
    </mcrt-next-hop-index>
    <mcrt-next-hop-entry>....</mcrt-next-hop-entry>
    <inet-table-sgv-entry>....</inet-table-sgv-entry>
  </inet-table-route-entry>
</igmp-snooping-table-inet>
```

Description

```
<inet-table-route-entry>
```

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-inet>
    <inet-table-route-entry>
      <inet-destination>
        inet-destination
      </inet-destination>
      <inet-source>
        inet-source
      </inet-source>
      <mcrt-next-hop-index>
        mcrt-next-hop-index
      </mcrt-next-hop-index>
      <mcrt-next-hop-entry>....</mcrt-next-hop-entry>
      <inet-table-sgv-entry>....</inet-table-sgv-entry>
    </inet-table-route-entry>
  </igmp-snooping-table-inet>
</igmp-snooping-routing-information>
```

Description

```
<inet-table-sgv-entry>
```

Usage

```
<inet-table-sgv-entry>
  <sgv-interface-name>
    sgv-interface-name
```

```
</sgv-interface-name>
<sgv-vlan-name>
  sgv-vlan-name
</sgv-vlan-name>
<sgv-next-hop-index>
  sgv-next-hop-index
</sgv-next-hop-index>
</inet-table-sgv-entry>
```

Description

<inet-table-sgv-entry>

Usage

```
<inet-table-route-entry>
  <inet-table-sgv-entry>
    <sgv-interface-name>
      sgv-interface-name
    </sgv-interface-name>
    <sgv-vlan-name>
      sgv-vlan-name
    </sgv-vlan-name>
    <sgv-next-hop-index>
      sgv-next-hop-index
    </sgv-next-hop-index>
  </inet-table-sgv-entry>
</inet-table-route-entry>
```

Description

<inet-table-sgv-entry>

Usage

```
<igmp-snooping-table-inet>
  <inet-table-route-entry>
    <inet-table-sgv-entry>
      <sgv-interface-name>
        sgv-interface-name
      </sgv-interface-name>
      <sgv-vlan-name>
        sgv-vlan-name
      </sgv-vlan-name>
      <sgv-next-hop-index>
        sgv-next-hop-index
      </sgv-next-hop-index>
    </inet-table-sgv-entry>
  </inet-table-route-entry>
</igmp-snooping-table-inet>
```

Description

<inet-table-sgv-entry>**Usage**

```

<igmp-snooping-routing-information>
  <igmp-snooping-table-inet>
    <inet-table-route-entry>
      <inet-table-sgv-entry>
        <sgv-interface-name>
          sgv-interface-name
        </sgv-interface-name>
        <sgv-vlan-name>
          sgv-vlan-name
        </sgv-vlan-name>
        <sgv-next-hop-index>
          sgv-next-hop-index
        </sgv-next-hop-index>
      </inet-table-sgv-entry>
    </inet-table-route-entry>
  </igmp-snooping-table-inet>
</igmp-snooping-routing-information>

```

Description**<mcrt-next-hop-entry>****Usage**

```

<mcrt-next-hop-entry>
  <mcrt-nh-interface-index>
    mcrt-nh-interface-index
  </mcrt-nh-interface-index>
  <mcrt-nh-interface-name>
    mcrt-nh-interface-name
  </mcrt-nh-interface-name>
</mcrt-next-hop-entry>

```

Description**<mcrt-next-hop-entry>****Usage**

```

<inet-table-route-entry>
  <mcrt-next-hop-entry>
    <mcrt-nh-interface-index>
      mcrt-nh-interface-index
    </mcrt-nh-interface-index>
    <mcrt-nh-interface-name>
      mcrt-nh-interface-name
    </mcrt-nh-interface-name>
  </mcrt-next-hop-entry>
</inet-table-route-entry>

```

Description

<mcrt-next-hop-entry>

Usage

```
<igmp-snooping-table-inet>
  <inet-table-route-entry>
    <mcrt-next-hop-entry>
      <mcrt-nh-interface-index>
        mcrt-nh-interface-index
      </mcrt-nh-interface-index>
      <mcrt-nh-interface-name>
        mcrt-nh-interface-name
      </mcrt-nh-interface-name>
    </mcrt-next-hop-entry>
  </inet-table-route-entry>
</igmp-snooping-table-inet>
```

Description

<mcrt-next-hop-entry>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-inet>
    <inet-table-route-entry>
      <mcrt-next-hop-entry>
        <mcrt-nh-interface-index>
          mcrt-nh-interface-index
        </mcrt-nh-interface-index>
        <mcrt-nh-interface-name>
          mcrt-nh-interface-name
        </mcrt-nh-interface-name>
      </mcrt-next-hop-entry>
    </inet-table-route-entry>
  </igmp-snooping-table-inet>
</igmp-snooping-routing-information>
```

Description

<next-hop>

Usage

```
<next-hop>
  <nh-index>
    nh-index
  </nh-index>
  <next-hop-interface>....</next-hop-interface>
</next-hop>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<bridge-table-sg-entry>
  <next-hop>
    <nh-index>
      nh-index
    </nh-index>
    <next-hop-interface>....</next-hop-interface>
  </next-hop>
</bridge-table-sg-entry>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<bridge-table-group-entry>
  <forward-next-hop>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </forward-next-hop>
</bridge-table-group-entry>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<bridge-table-group-entry>
  <group-next-hop>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </group-next-hop>
</bridge-table-group-entry>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<bridge-table-group-entry>
  <bridge-table-sg-entry>
```

```
<next-hop>
  <nh-index>
    nh-index
  </nh-index>
  <next-hop-interface>....</next-hop-interface>
</next-hop>
</bridge-table-sg-entry>
</bridge-table-group-entry>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<igmp-snooping-table-bridge>
<bridge-table-group-entry>
  <forward-next-hop>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </forward-next-hop>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<igmp-snooping-table-bridge>
<bridge-table-group-entry>
  <group-next-hop>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </group-next-hop>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<igmp-snooping-table-bridge>
```

```

<bridge-table-group-entry>
  <bridge-table-sg-entry>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </bridge-table-sg-entry>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>

```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```

<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <forward-next-hop>
        <next-hop>
          <nh-index>
            nh-index
          </nh-index>
          <next-hop-interface>....</next-hop-interface>
        </next-hop>
      </forward-next-hop>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>

```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```

<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <group-next-hop>
        <next-hop>
          <nh-index>
            nh-index
          </nh-index>
          <next-hop-interface>....</next-hop-interface>
        </next-hop>
      </group-next-hop>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>

```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <bridge-table-sg-entry>
        <next-hop>
          <nh-index>
            nh-index
          </nh-index>
          <next-hop-interface>....</next-hop-interface>
        </next-hop>
      </bridge-table-sg-entry>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description Layer 2 multicast next-hop

<next-hop>

Usage

```
<igmp-snooping-routing-information>
  <forward-next-hop>
    <next-hop>
      <nh-index>
        nh-index
      </nh-index>
      <next-hop-interface>....</next-hop-interface>
    </next-hop>
  </forward-next-hop>
</igmp-snooping-routing-information>
```

Description Layer 2 multicast next-hop

<next-hop-interface>

Usage

```
<next-hop-interface>
  <nh-interface-index>
    nh-interface-index
  </nh-interface-index>
  <nh-interface-name>
    nh-interface-name
  </nh-interface-name>
</next-hop-interface>
```

Description

<next-hop-interface>**Usage**

```

<next-hop>
  <next-hop-interface>
    <nh-interface-index>
      nh-interface-index
    </nh-interface-index>
    <nh-interface-name>
      nh-interface-name
    </nh-interface-name>
  </next-hop-interface>
</next-hop>

```

Description**<next-hop-interface>****Usage**

```

<bridge-table-sg-entry>
  <next-hop>
    <next-hop-interface>
      <nh-interface-index>
        nh-interface-index
      </nh-interface-index>
      <nh-interface-name>
        nh-interface-name
      </nh-interface-name>
    </next-hop-interface>
  </next-hop>
</bridge-table-sg-entry>

```

Description**<next-hop-interface>****Usage**

```

<bridge-table-group-entry>
  <forward-next-hop>
    <next-hop>
      <next-hop-interface>
        <nh-interface-index>
          nh-interface-index
        </nh-interface-index>
        <nh-interface-name>
          nh-interface-name
        </nh-interface-name>
      </next-hop-interface>
    </next-hop>
  </forward-next-hop>
</bridge-table-group-entry>

```

Description

<next-hop-interface>

Usage

```
<bridge-table-group-entry>
  <group-next-hop>
    <next-hop>
      <next-hop-interface>
        <nh-interface-index>
          nh-interface-index
        </nh-interface-index>
        <nh-interface-name>
          nh-interface-name
        </nh-interface-name>
      </next-hop-interface>
    </next-hop>
  </group-next-hop>
</bridge-table-group-entry>
```

Description

<next-hop-interface>

Usage

```
<bridge-table-group-entry>
  <bridge-table-sg-entry>
    <next-hop>
      <next-hop-interface>
        <nh-interface-index>
          nh-interface-index
        </nh-interface-index>
        <nh-interface-name>
          nh-interface-name
        </nh-interface-name>
      </next-hop-interface>
    </next-hop>
  </bridge-table-sg-entry>
</bridge-table-group-entry>
```

Description

<next-hop-interface>

Usage

```
<igmp-snooping-table-bridge>
  <bridge-table-group-entry>
    <forward-next-hop>
      <next-hop>
        <next-hop-interface>
          <nh-interface-index>
            nh-interface-index
          </nh-interface-index>
          <nh-interface-name>
            nh-interface-name
          </nh-interface-name>
        </next-hop-interface>
      </next-hop>
    </forward-next-hop>
  </bridge-table-group-entry>
```



```

    </next-hop-interface>
  </next-hop>
</forward-next-hop>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>

```

Description

<next-hop-interface>

Usage

```

<igmp-snooping-table-bridge>
  <bridge-table-group-entry>
    <group-next-hop>
      <next-hop>
        <next-hop-interface>
          <nh-interface-index>
            nh-interface-index
          </nh-interface-index>
          <nh-interface-name>
            nh-interface-name
          </nh-interface-name>
        </next-hop-interface>
      </next-hop>
    </group-next-hop>
  </bridge-table-group-entry>
</igmp-snooping-table-bridge>

```

Description

<next-hop-interface>

Usage

```

<igmp-snooping-table-bridge>
  <bridge-table-group-entry>
    <bridge-table-sg-entry>
      <next-hop>
        <next-hop-interface>
          <nh-interface-index>
            nh-interface-index
          </nh-interface-index>
          <nh-interface-name>
            nh-interface-name
          </nh-interface-name>
        </next-hop-interface>
      </next-hop>
    </bridge-table-sg-entry>
  </bridge-table-group-entry>
</igmp-snooping-table-bridge>

```

Description

<next-hop-interface>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <forward-next-hop>
        <next-hop>
          <next-hop-interface>
            <nh-interface-index>
              nh-interface-index
            </nh-interface-index>
            <nh-interface-name>
              nh-interface-name
            </nh-interface-name>
          </next-hop-interface>
        </next-hop>
      </forward-next-hop>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description

<next-hop-interface>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
      <group-next-hop>
        <next-hop>
          <next-hop-interface>
            <nh-interface-index>
              nh-interface-index
            </nh-interface-index>
            <nh-interface-name>
              nh-interface-name
            </nh-interface-name>
          </next-hop-interface>
        </next-hop>
      </group-next-hop>
    </bridge-table-group-entry>
  </igmp-snooping-table-bridge>
</igmp-snooping-routing-information>
```

Description

<next-hop-interface>

Usage

```
<igmp-snooping-routing-information>
  <igmp-snooping-table-bridge>
    <bridge-table-group-entry>
```

```

<bridge-table-sg-entry>
  <next-hop>
    <next-hop-interface>
      <nh-interface-index>
        nh-interface-index
      </nh-interface-index>
      <nh-interface-name>
        nh-interface-name
      </nh-interface-name>
    </next-hop-interface>
  </next-hop>
</bridge-table-sg-entry>
</bridge-table-group-entry>
</igmp-snooping-table-bridge>
</igmp-snooping-routing-information>

```

Description

<next-hop-interface>

Usage

```

<igmp-snooping-routing-information>
  <forward-next-hop>
    <next-hop>
      <next-hop-interface>
        <nh-interface-index>
          nh-interface-index
        </nh-interface-index>
        <nh-interface-name>
          nh-interface-name
        </nh-interface-name>
      </next-hop-interface>
    </next-hop>
  </forward-next-hop>
</igmp-snooping-routing-information>

```

Description

<task>

Usage

```

<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>

```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>
```

Description

<task-block>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
```

```

</tb-alloc-size>
<tb-terse-transient>
  tb-terse-transient
</tb-terse-transient>
<tb-terse-fullpage>
  tb-terse-fullpage
</tb-terse-fullpage>
<tb-terse-debug>
  tb-terse-debug
</tb-terse-debug>
<tb-alloc-blocks>
  tb-alloc-blocks
</tb-alloc-blocks>
<tb-alloc-bytes>
  tb-alloc-bytes
</tb-alloc-bytes>
<tb-max-alloc-blocks>
  tb-max-alloc-blocks
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>

```

Description**<task-block-list>****Usage**

```

<task-block-list>
  <task-block>....</task-block>
</task-block-list>

```

Description**<task-block-list>****Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>**Usage**

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description**<task-lite-page-list>****Usage**

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description**<task-malloc>****Usage**

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-malloc-list>

Usage

```
<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>
```

Description

<task-malloc-list>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-allocator-report>**Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description**<task-memory-information>****Usage**

```

<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
  </task-memory-dynamic-allocs>
  <task-memory-max-dynamic-allocs>
    task-memory-max-dynamic-allocs
  </task-memory-max-dynamic-allocs>
  <task-memory-bss-bytes>
    task-memory-bss-bytes
  </task-memory-bss-bytes>
  <task-memory-max-bss-bytes>
    task-memory-max-bss-bytes
  </task-memory-max-bss-bytes>

```

```
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>
```

Description

<task-memory-malloc-usage-report>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-overall-report>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
```

```

    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>

```

Description

<task-memory-stats>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

```
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>
```

Description**<task-memory-stats-list>****Usage**

```
<task-memory-information>
<task-memory-overall-report>
  <task-memory-stats-list>
    <task-memory-stats>....</task-memory-stats>
  </task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>
```

Description**<task-replication-state>****Usage**

```
<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>
```

Description Current state of task replication

<task-size-block>**Usage**

```
<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
```

```

</tsb-terse-transient>
<tsb-terse-fullpage>
  tsb-terse-fullpage
</tsb-terse-fullpage>
<tsb-allocs>
  tsb-allocs
</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>

```

Description

<task-size-block>

Usage

```

<task-memory-information>
<task-memory-overall-report>
  <task-size-block-list>
    <task-size-block>
      <tsb-size>
        tsb-size
      </tsb-size>
      <tsb-terse-transient>
        tsb-terse-transient
      </tsb-terse-transient>
      <tsb-terse-fullpage>
        tsb-terse-fullpage
      </tsb-terse-fullpage>
      <tsb-allocs>
        tsb-allocs
      </tsb-allocs>
      <tsb-mallocs>
        tsb-mallocs
      </tsb-mallocs>
      <tsb-alloc-bytes>
        tsb-alloc-bytes
      </tsb-alloc-bytes>
      <tsb-max-allocs>
        tsb-max-allocs
      </tsb-max-allocs>
    </task-size-block>
  </task-size-block-list>

```

```
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
```

```
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>
```

Description**<task-timer>****Usage**

```
<task-timer-information>
<task>
  <task-timer>
    <timer-name>
      timer-name
    </timer-name>
    <timer-late>
      timer-late
    </timer-late>
    <timer-expires>
      timer-expires
    </timer-expires>
    <timer-jitter>
      timer-jitter
    </timer-jitter>
    <timer-interval>
      timer-interval
    </timer-interval>
    <timer-flags>
      timer-flags
    </timer-flags>
  </task-timer>
</task>
</task-timer-information>
```

Description**<task-timer-information>****Usage**

```
<task-timer-information>
<task>.....</task>
</task-timer-information>
```

Description**<tracing-information>****Usage**

```
<tracing-information>
<flags>
  flags
</flags>
<filename>
```

```
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>
```

Description

Summary of LLDP Response Tags ---

<dcbx>

Usage

```
<dcbx>
  <dcbx-interface-information>....</dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-application>

Usage

```
<dcbx-feature-application>
  <dcbx-feature-common>....</dcbx-feature-common>

  <dcbx-feature-application-advertisement>....</dcbx-feature-application-advertisement>

</dcbx-feature-application>
```

Description

<dcbx-feature-application>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-application>
    <dcbx-feature-common>....</dcbx-feature-common>

    <dcbx-feature-application-advertisement>....</dcbx-feature-application-advertisement>

  </dcbx-feature-application>
</dcbx-interface-information>
```

Description

<dcbx-feature-application>**Usage**

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-application>
      <dcbx-feature-common>....</dcbx-feature-common>

    <dcbx-feature-application-advertisement>....</dcbx-feature-application-advertisement>

  </dcbx-feature-application>
</dcbx-interface-information>
</dcbx>

```

Description**<dcbx-feature-application-advertisement>****Usage**

```

<dcbx-feature-application-advertisement>
  <dcbx-feature-advertisement-type>
    dcbx-feature-advertisement-type
  </dcbx-feature-advertisement-type>
  <dcbx-feature-flags>....</dcbx-feature-flags>
  <dcbx-feature-application-config>....</dcbx-feature-application-config>
</dcbx-feature-application-advertisement>

```

Description**<dcbx-feature-application-advertisement>****Usage**

```

<dcbx-feature-application>
  <dcbx-feature-application-advertisement>
    <dcbx-feature-advertisement-type>
      dcbx-feature-advertisement-type
    </dcbx-feature-advertisement-type>
    <dcbx-feature-flags>....</dcbx-feature-flags>
    <dcbx-feature-application-config>....</dcbx-feature-application-config>
  </dcbx-feature-application-advertisement>
</dcbx-feature-application>

```

Description**<dcbx-feature-application-advertisement>****Usage**

```

<dcbx-interface-information>
  <dcbx-feature-application>
    <dcbx-feature-application-advertisement>
      <dcbx-feature-advertisement-type>
        dcbx-feature-advertisement-type
      </dcbx-feature-advertisement-type>

```

```
<dcbx-feature-flags>....</dcbx-feature-flags>
<dcbx-feature-application-config>....</dcbx-feature-application-config>
</dcbx-feature-application-advertisement>
</dcbx-feature-application>
</dcbx-interface-information>
```

Description

<dcbx-feature-application-advertisement>

Usage

```
<dcbx>
<dcbx-interface-information>
<dcbx-feature-application>
<dcbx-feature-application-advertisement>
<dcbx-feature-advertisement-type>
  dcbx-feature-advertisement-type
</dcbx-feature-advertisement-type>
<dcbx-feature-flags>....</dcbx-feature-flags>
<dcbx-feature-application-config>....</dcbx-feature-application-config>
</dcbx-feature-application-advertisement>
</dcbx-feature-application>
</dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-application-config>

Usage

```
<dcbx-feature-application-config>
<dcbx-feature-application-name>
  dcbx-feature-application-name
</dcbx-feature-application-name>
<dcbx-feature-application-ether-type>
  dcbx-feature-application-ether-type
</dcbx-feature-application-ether-type>
<dcbx-feature-application-socket-number>
  dcbx-feature-application-socket-number
</dcbx-feature-application-socket-number>
<dcbx-feature-application-priority-map>
  dcbx-feature-application-priority-map
</dcbx-feature-application-priority-map>
<dcbx-feature-application-status>
  dcbx-feature-application-status
</dcbx-feature-application-status>
</dcbx-feature-application-config>
```

Description

<dcbx-feature-application-config>

Usage

```
<dcbx-feature-application-advertisement>
```

```

<dcbx-feature-application-config>
  <dcbx-feature-application-name>
    dcbx-feature-application-name
  </dcbx-feature-application-name>
  <dcbx-feature-application-ether-type>
    dcbx-feature-application-ether-type
  </dcbx-feature-application-ether-type>
  <dcbx-feature-application-socket-number>
    dcbx-feature-application-socket-number
  </dcbx-feature-application-socket-number>
  <dcbx-feature-application-priority-map>
    dcbx-feature-application-priority-map
  </dcbx-feature-application-priority-map>
  <dcbx-feature-application-status>
    dcbx-feature-application-status
  </dcbx-feature-application-status>
</dcbx-feature-application-config>
</dcbx-feature-application-advertisement>

```

Description

<dcbx-feature-application-config>

Usage

```

<dcbx-feature-application>
  <dcbx-feature-application-advertisement>
    <dcbx-feature-application-config>
      <dcbx-feature-application-name>
        dcbx-feature-application-name
      </dcbx-feature-application-name>
      <dcbx-feature-application-ether-type>
        dcbx-feature-application-ether-type
      </dcbx-feature-application-ether-type>
      <dcbx-feature-application-socket-number>
        dcbx-feature-application-socket-number
      </dcbx-feature-application-socket-number>
      <dcbx-feature-application-priority-map>
        dcbx-feature-application-priority-map
      </dcbx-feature-application-priority-map>
      <dcbx-feature-application-status>
        dcbx-feature-application-status
      </dcbx-feature-application-status>
    </dcbx-feature-application-config>
  </dcbx-feature-application-advertisement>
</dcbx-feature-application>

```

Description

<dcbx-feature-application-config>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-application>
    <dcbx-feature-application-advertisement>

```

```
<dcbx-feature-application-config>
  <dcbx-feature-application-name>
    dcbx-feature-application-name
  </dcbx-feature-application-name>
  <dcbx-feature-application-ether-type>
    dcbx-feature-application-ether-type
  </dcbx-feature-application-ether-type>
  <dcbx-feature-application-socket-number>
    dcbx-feature-application-socket-number
  </dcbx-feature-application-socket-number>
  <dcbx-feature-application-priority-map>
    dcbx-feature-application-priority-map
  </dcbx-feature-application-priority-map>
  <dcbx-feature-application-status>
    dcbx-feature-application-status
  </dcbx-feature-application-status>
</dcbx-feature-application-config>
</dcbx-feature-application-advertisement>
</dcbx-feature-application>
</dcbx-interface-information>
```

Description

<dcbx-feature-application-config>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-application>
      <dcbx-feature-application-advertisement>
        <dcbx-feature-application-config>
          <dcbx-feature-application-name>
            dcbx-feature-application-name
          </dcbx-feature-application-name>
          <dcbx-feature-application-ether-type>
            dcbx-feature-application-ether-type
          </dcbx-feature-application-ether-type>
          <dcbx-feature-application-socket-number>
            dcbx-feature-application-socket-number
          </dcbx-feature-application-socket-number>
          <dcbx-feature-application-priority-map>
            dcbx-feature-application-priority-map
          </dcbx-feature-application-priority-map>
          <dcbx-feature-application-status>
            dcbx-feature-application-status
          </dcbx-feature-application-status>
        </dcbx-feature-application-config>
      </dcbx-feature-application-advertisement>
    </dcbx-feature-application>
  </dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-common>**Usage**

```

<dcbx-feature-common>
  <dcbx-feature-name>
    dcbx-feature-name
  </dcbx-feature-name>
  <dcbx-feature-protocol-state>
    dcbx-feature-protocol-state
  </dcbx-feature-protocol-state>
  <dcbx-feature-operation-state>
    dcbx-feature-operation-state
  </dcbx-feature-operation-state>
</dcbx-feature-common>

```

Description Common header for a DCBX feature

<dcbx-feature-common>**Usage**

```

<dcbx-feature-pfc>
  <dcbx-feature-common>
    <dcbx-feature-name>
      dcbx-feature-name
    </dcbx-feature-name>
    <dcbx-feature-protocol-state>
      dcbx-feature-protocol-state
    </dcbx-feature-protocol-state>
    <dcbx-feature-operation-state>
      dcbx-feature-operation-state
    </dcbx-feature-operation-state>
  </dcbx-feature-common>
</dcbx-feature-pfc>

```

Description Common header for a DCBX feature

<dcbx-feature-common>**Usage**

```

<dcbx-feature-application>
  <dcbx-feature-common>
    <dcbx-feature-name>
      dcbx-feature-name
    </dcbx-feature-name>
    <dcbx-feature-protocol-state>
      dcbx-feature-protocol-state
    </dcbx-feature-protocol-state>
    <dcbx-feature-operation-state>
      dcbx-feature-operation-state
    </dcbx-feature-operation-state>
  </dcbx-feature-common>

```

```
</dcbx-feature-application>
```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```
<dcbx-feature-ets>
  <dcbx-feature-common>
    <dcbx-feature-name>
      dcbx-feature-name
    </dcbx-feature-name>
    <dcbx-feature-protocol-state>
      dcbx-feature-protocol-state
    </dcbx-feature-protocol-state>
    <dcbx-feature-operation-state>
      dcbx-feature-operation-state
    </dcbx-feature-operation-state>
  </dcbx-feature-common>
</dcbx-feature-ets>
```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-pfc>
    <dcbx-feature-common>
      <dcbx-feature-name>
        dcbx-feature-name
      </dcbx-feature-name>
      <dcbx-feature-protocol-state>
        dcbx-feature-protocol-state
      </dcbx-feature-protocol-state>
      <dcbx-feature-operation-state>
        dcbx-feature-operation-state
      </dcbx-feature-operation-state>
    </dcbx-feature-common>
  </dcbx-feature-pfc>
</dcbx-interface-information>
```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-application>
    <dcbx-feature-common>
      <dcbx-feature-name>
```

```

    dcbx-feature-name
  </dcbx-feature-name>
  <dcbx-feature-protocol-state>
    dcbx-feature-protocol-state
  </dcbx-feature-protocol-state>
  <dcbx-feature-operation-state>
    dcbx-feature-operation-state
  </dcbx-feature-operation-state>
</dcbx-feature-common>
</dcbx-feature-application>
</dcbx-interface-information>

```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-common>
      <dcbx-feature-name>
        dcbx-feature-name
      </dcbx-feature-name>
      <dcbx-feature-protocol-state>
        dcbx-feature-protocol-state
      </dcbx-feature-protocol-state>
      <dcbx-feature-operation-state>
        dcbx-feature-operation-state
      </dcbx-feature-operation-state>
    </dcbx-feature-common>
  </dcbx-feature-ets>
</dcbx-interface-information>

```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-pfc>
      <dcbx-feature-common>
        <dcbx-feature-name>
          dcbx-feature-name
        </dcbx-feature-name>
        <dcbx-feature-protocol-state>
          dcbx-feature-protocol-state
        </dcbx-feature-protocol-state>
        <dcbx-feature-operation-state>
          dcbx-feature-operation-state
        </dcbx-feature-operation-state>
      </dcbx-feature-common>
    </dcbx-feature-pfc>
  </dcbx-interface-information>
</dcbx>

```

```
</dcbx-interface-information>
</dcbx>
```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-application>
      <dcbx-feature-common>
        <dcbx-feature-name>
          dcbx-feature-name
        </dcbx-feature-name>
        <dcbx-feature-protocol-state>
          dcbx-feature-protocol-state
        </dcbx-feature-protocol-state>
        <dcbx-feature-operation-state>
          dcbx-feature-operation-state
        </dcbx-feature-operation-state>
      </dcbx-feature-common>
    </dcbx-feature-application>
  </dcbx-interface-information>
</dcbx>
```

Description Common header for a DCBX feature

<dcbx-feature-common>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-common>
        <dcbx-feature-name>
          dcbx-feature-name
        </dcbx-feature-name>
        <dcbx-feature-protocol-state>
          dcbx-feature-protocol-state
        </dcbx-feature-protocol-state>
        <dcbx-feature-operation-state>
          dcbx-feature-operation-state
        </dcbx-feature-operation-state>
      </dcbx-feature-common>
    </dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>
```

Description Common header for a DCBX feature

<dcbx-feature-ets>**Usage**

```

<dcbx-feature-ets>
  <dcbx-feature-common>....</dcbx-feature-common>
  <dcbx-feature-ets-advertisement>....</dcbx-feature-ets-advertisement>
</dcbx-feature-ets>

```

Description**<dcbx-feature-ets>****Usage**

```

<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-common>....</dcbx-feature-common>
    <dcbx-feature-ets-advertisement>....</dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>
</dcbx-interface-information>

```

Description**<dcbx-feature-ets>****Usage**

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-common>....</dcbx-feature-common>
      <dcbx-feature-ets-advertisement>....</dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>

```

Description**<dcbx-feature-ets-advertisement>****Usage**

```

<dcbx-feature-ets-advertisement>
  <dcbx-feature-advertisement-type>
    dcbx-feature-advertisement-type
  </dcbx-feature-advertisement-type>
  <dcbx-feature-flags>....</dcbx-feature-flags>
  <dcbx-feature-pfc-max-no-tc>
    dcbx-feature-pfc-max-no-tc
  </dcbx-feature-pfc-max-no-tc>
  <dcbx-feature-ets-config-cp-pg>....</dcbx-feature-ets-config-cp-pg>
  <dcbx-feature-ets-config-pg-bw>....</dcbx-feature-ets-config-pg-bw>
</dcbx-feature-ets-advertisement>

```

Description

<dcbx-feature-ets-advertisement>

Usage

```
<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-advertisement-type>
      dcbx-feature-advertisement-type
    </dcbx-feature-advertisement-type>
    <dcbx-feature-flags>....</dcbx-feature-flags>
    <dcbx-feature-pfc-max-no-tc>
      dcbx-feature-pfc-max-no-tc
    </dcbx-feature-pfc-max-no-tc>
    <dcbx-feature-ets-config-cp-pg>....</dcbx-feature-ets-config-cp-pg>
    <dcbx-feature-ets-config-pg-bw>....</dcbx-feature-ets-config-pg-bw>
  </dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
```

Description

<dcbx-feature-ets-advertisement>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-ets-advertisement>
      <dcbx-feature-advertisement-type>
        dcbx-feature-advertisement-type
      </dcbx-feature-advertisement-type>
      <dcbx-feature-flags>....</dcbx-feature-flags>
      <dcbx-feature-pfc-max-no-tc>
        dcbx-feature-pfc-max-no-tc
      </dcbx-feature-pfc-max-no-tc>
      <dcbx-feature-ets-config-cp-pg>....</dcbx-feature-ets-config-cp-pg>
      <dcbx-feature-ets-config-pg-bw>....</dcbx-feature-ets-config-pg-bw>
    </dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>
</dcbx-interface-information>
```

Description

<dcbx-feature-ets-advertisement>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-ets-advertisement>
        <dcbx-feature-advertisement-type>
          dcbx-feature-advertisement-type
        </dcbx-feature-advertisement-type>
        <dcbx-feature-flags>....</dcbx-feature-flags>
        <dcbx-feature-pfc-max-no-tc>
          dcbx-feature-pfc-max-no-tc
        </dcbx-feature-pfc-max-no-tc>
```

```

        <dcbx-feature-ets-config-cp-pg>....</dcbx-feature-ets-config-cp-pg>
        <dcbx-feature-ets-config-pg-bw>....</dcbx-feature-ets-config-pg-bw>
    </dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
</dcbx-interface-information>
</dcbx>

```

Description

<dcbx-feature-ets-config-cp-pg>

Usage

```

<dcbx-feature-ets-advertisement>
  <dcbx-feature-ets-config-cp-pg>
    <dcbx-feature-ets-config-cp-pg-item>....</dcbx-feature-ets-config-cp-pg-item>

    </dcbx-feature-ets-config-cp-pg>
  </dcbx-feature-ets-advertisement>

```

Description

<dcbx-feature-ets-config-cp-pg>

Usage

```

<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-ets-config-cp-pg>
      <dcbx-feature-ets-config-cp-pg-item>....</dcbx-feature-ets-config-cp-pg-item>

      </dcbx-feature-ets-config-cp-pg>
    </dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>

```

Description

<dcbx-feature-ets-config-cp-pg>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-ets-advertisement>
      <dcbx-feature-ets-config-cp-pg>

        <dcbx-feature-ets-config-cp-pg-item>....</dcbx-feature-ets-config-cp-pg-item>
        </dcbx-feature-ets-config-cp-pg>
      </dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>

```

Description

<dcbx-feature-ets-config-cp-pg>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-ets-advertisement>
        <dcbx-feature-ets-config-cp-pg>

      <dcbx-feature-ets-config-cp-pg-item>....</dcbx-feature-ets-config-cp-pg-item>
        </dcbx-feature-ets-config-cp-pg>
      </dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-ets-config-cp-pg-item>

Usage

```
<dcbx-feature-ets-advertisement>
  <dcbx-feature-ets-config-cp-pg>
    <dcbx-feature-ets-config-cp-pg-item>
      <dcbx-feature-ets-code-point>
        dcbx-feature-ets-code-point
      </dcbx-feature-ets-code-point>
      <dcbx-feature-ets-priority-group>
        dcbx-feature-ets-priority-group
      </dcbx-feature-ets-priority-group>
    </dcbx-feature-ets-config-cp-pg-item>
  </dcbx-feature-ets-config-cp-pg>
</dcbx-feature-ets-advertisement>
```

Description

<dcbx-feature-ets-config-cp-pg-item>

Usage

```
<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-ets-config-cp-pg>
      <dcbx-feature-ets-config-cp-pg-item>
        <dcbx-feature-ets-code-point>
          dcbx-feature-ets-code-point
        </dcbx-feature-ets-code-point>
        <dcbx-feature-ets-priority-group>
          dcbx-feature-ets-priority-group
        </dcbx-feature-ets-priority-group>
      </dcbx-feature-ets-config-cp-pg-item>
    </dcbx-feature-ets-config-cp-pg>
  </dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
```

Description

<dcbx-feature-ets-config-cp-pg-item>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-ets-advertisement>
      <dcbx-feature-ets-config-cp-pg>
        <dcbx-feature-ets-config-cp-pg-item>
          <dcbx-feature-ets-code-point>
            dcbx-feature-ets-code-point
          </dcbx-feature-ets-code-point>
          <dcbx-feature-ets-priority-group>
            dcbx-feature-ets-priority-group
          </dcbx-feature-ets-priority-group>
        </dcbx-feature-ets-config-cp-pg-item>
      </dcbx-feature-ets-config-cp-pg>
    </dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>
</dcbx-interface-information>

```

Description

<dcbx-feature-ets-config-cp-pg-item>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-ets-advertisement>
        <dcbx-feature-ets-config-cp-pg>
          <dcbx-feature-ets-config-cp-pg-item>
            <dcbx-feature-ets-code-point>
              dcbx-feature-ets-code-point
            </dcbx-feature-ets-code-point>
            <dcbx-feature-ets-priority-group>
              dcbx-feature-ets-priority-group
            </dcbx-feature-ets-priority-group>
          </dcbx-feature-ets-config-cp-pg-item>
        </dcbx-feature-ets-config-cp-pg>
      </dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>

```

Description

<dcbx-feature-ets-config-pg-bw>

Usage

```

<dcbx-feature-ets-advertisement>
  <dcbx-feature-ets-config-pg-bw>
    <dcbx-feature-ets-config-pg-bw-item>....</dcbx-feature-ets-config-pg-bw-item>

```

```
</dcbx-feature-ets-config-pg-bw>
</dcbx-feature-ets-advertisement>
```

Description

<dcbx-feature-ets-config-pg-bw>

Usage

```
<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-ets-config-pg-bw>

      <dcbx-feature-ets-config-pg-bw-item>....</dcbx-feature-ets-config-pg-bw-item>
      </dcbx-feature-ets-config-pg-bw>
    </dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>
```

Description

<dcbx-feature-ets-config-pg-bw>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-ets-advertisement>
      <dcbx-feature-ets-config-pg-bw>

        <dcbx-feature-ets-config-pg-bw-item>....</dcbx-feature-ets-config-pg-bw-item>
        </dcbx-feature-ets-config-pg-bw>
      </dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>
```

Description

<dcbx-feature-ets-config-pg-bw>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-ets-advertisement>
        <dcbx-feature-ets-config-pg-bw>

          <dcbx-feature-ets-config-pg-bw-item>....</dcbx-feature-ets-config-pg-bw-item>
          </dcbx-feature-ets-config-pg-bw>
        </dcbx-feature-ets-advertisement>
      </dcbx-feature-ets>
    </dcbx-interface-information>
  </dcbx>
```

Description

<dcbx-feature-ets-config-pg-bw-item>**Usage**

```

<dcbx-feature-ets-advertisement>
  <dcbx-feature-ets-config-pg-bw>
    <dcbx-feature-ets-config-pg-bw-item>
      <dcbx-feature-ets-priority-group>
        dcbx-feature-ets-priority-group
      </dcbx-feature-ets-priority-group>
      <dcbx-feature-ets-bw-percentage>
        dcbx-feature-ets-bw-percentage
      </dcbx-feature-ets-bw-percentage>
    </dcbx-feature-ets-config-pg-bw-item>
  </dcbx-feature-ets-config-pg-bw>
</dcbx-feature-ets-advertisement>

```

Description**<dcbx-feature-ets-config-pg-bw-item>****Usage**

```

<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-ets-config-pg-bw>
      <dcbx-feature-ets-config-pg-bw-item>
        <dcbx-feature-ets-priority-group>
          dcbx-feature-ets-priority-group
        </dcbx-feature-ets-priority-group>
        <dcbx-feature-ets-bw-percentage>
          dcbx-feature-ets-bw-percentage
        </dcbx-feature-ets-bw-percentage>
      </dcbx-feature-ets-config-pg-bw-item>
    </dcbx-feature-ets-config-pg-bw>
  </dcbx-feature-ets-advertisement>
</dcbx-feature-ets>

```

Description**<dcbx-feature-ets-config-pg-bw-item>****Usage**

```

<dcbx-interface-information>
  <dcbx-feature-ets>
    <dcbx-feature-ets-advertisement>
      <dcbx-feature-ets-config-pg-bw>
        <dcbx-feature-ets-config-pg-bw-item>
          <dcbx-feature-ets-priority-group>
            dcbx-feature-ets-priority-group
          </dcbx-feature-ets-priority-group>
          <dcbx-feature-ets-bw-percentage>
            dcbx-feature-ets-bw-percentage
          </dcbx-feature-ets-bw-percentage>
        </dcbx-feature-ets-config-pg-bw-item>
      </dcbx-feature-ets-config-pg-bw>
    </dcbx-feature-ets-advertisement>
  </dcbx-feature-ets>
</dcbx-interface-information>

```

```
</dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
</dcbx-interface-information>
```

Description

<dcbx-feature-ets-config-pg-bw-item>

Usage

```
<dcbx>
<dcbx-interface-information>
<dcbx-feature-ets>
<dcbx-feature-ets-advertisement>
<dcbx-feature-ets-config-pg-bw>
<dcbx-feature-ets-config-pg-bw-item>
<dcbx-feature-ets-priority-group>
  dcbx-feature-ets-priority-group
</dcbx-feature-ets-priority-group>
<dcbx-feature-ets-bw-percentage>
  dcbx-feature-ets-bw-percentage
</dcbx-feature-ets-bw-percentage>
</dcbx-feature-ets-config-pg-bw-item>
</dcbx-feature-ets-config-pg-bw>
</dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
</dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-flags>

Usage

```
<dcbx-feature-flags>
<dcbx-feature-flag-enable>
  dcbx-feature-flag-enable
</dcbx-feature-flag-enable>
<dcbx-feature-flag-willing>
  dcbx-feature-flag-willing
</dcbx-feature-flag-willing>
<dcbx-feature-flag-error>
  dcbx-feature-flag-error
</dcbx-feature-flag-error>
</dcbx-feature-flags>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx-feature-pfc-advertisement>
<dcbx-feature-flags>
<dcbx-feature-flag-enable>
```



```

        dcbx-feature-flag-enable
      </dcbx-feature-flag-enable>
    <dcbx-feature-flag-willing>
      dcbx-feature-flag-willing
    </dcbx-feature-flag-willing>
    <dcbx-feature-flag-error>
      dcbx-feature-flag-error
    </dcbx-feature-flag-error>
  </dcbx-feature-flags>
</dcbx-feature-pfc-advertisement>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx-feature-pfc>
  <dcbx-feature-pfc-advertisement>
    <dcbx-feature-flags>
      <dcbx-feature-flag-enable>
        dcbx-feature-flag-enable
      </dcbx-feature-flag-enable>
      <dcbx-feature-flag-willing>
        dcbx-feature-flag-willing
      </dcbx-feature-flag-willing>
      <dcbx-feature-flag-error>
        dcbx-feature-flag-error
      </dcbx-feature-flag-error>
    </dcbx-feature-flags>
  </dcbx-feature-pfc-advertisement>
</dcbx-feature-pfc>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx-feature-application-advertisement>
  <dcbx-feature-flags>
    <dcbx-feature-flag-enable>
      dcbx-feature-flag-enable
    </dcbx-feature-flag-enable>
    <dcbx-feature-flag-willing>
      dcbx-feature-flag-willing
    </dcbx-feature-flag-willing>
    <dcbx-feature-flag-error>
      dcbx-feature-flag-error
    </dcbx-feature-flag-error>
  </dcbx-feature-flags>
</dcbx-feature-application-advertisement>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx-feature-application>
<dcbx-feature-application-advertisement>
  <dcbx-feature-flags>
    <dcbx-feature-flag-enable>
      dcbx-feature-flag-enable
    </dcbx-feature-flag-enable>
    <dcbx-feature-flag-willing>
      dcbx-feature-flag-willing
    </dcbx-feature-flag-willing>
    <dcbx-feature-flag-error>
      dcbx-feature-flag-error
    </dcbx-feature-flag-error>
  </dcbx-feature-flags>
</dcbx-feature-application-advertisement>
</dcbx-feature-application>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx-feature-ets-advertisement>
  <dcbx-feature-flags>
    <dcbx-feature-flag-enable>
      dcbx-feature-flag-enable
    </dcbx-feature-flag-enable>
    <dcbx-feature-flag-willing>
      dcbx-feature-flag-willing
    </dcbx-feature-flag-willing>
    <dcbx-feature-flag-error>
      dcbx-feature-flag-error
    </dcbx-feature-flag-error>
  </dcbx-feature-flags>
</dcbx-feature-ets-advertisement>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-flags>
      <dcbx-feature-flag-enable>
        dcbx-feature-flag-enable
      </dcbx-feature-flag-enable>
      <dcbx-feature-flag-willing>
```

```

    dcbx-feature-flag-willing
  </dcbx-feature-flag-willing>
  <dcbx-feature-flag-error>
    dcbx-feature-flag-error
  </dcbx-feature-flag-error>
</dcbx-feature-flags>
</dcbx-feature-ets-advertisement>
</dcbx-feature-ets>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-pfc>
    <dcbx-feature-pfc-advertisement>
      <dcbx-feature-flags>
        <dcbx-feature-flag-enable>
          dcbx-feature-flag-enable
        </dcbx-feature-flag-enable>
        <dcbx-feature-flag-willing>
          dcbx-feature-flag-willing
        </dcbx-feature-flag-willing>
        <dcbx-feature-flag-error>
          dcbx-feature-flag-error
        </dcbx-feature-flag-error>
      </dcbx-feature-flags>
    </dcbx-feature-pfc-advertisement>
  </dcbx-feature-pfc>
</dcbx-interface-information>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-application>
    <dcbx-feature-application-advertisement>
      <dcbx-feature-flags>
        <dcbx-feature-flag-enable>
          dcbx-feature-flag-enable
        </dcbx-feature-flag-enable>
        <dcbx-feature-flag-willing>
          dcbx-feature-flag-willing
        </dcbx-feature-flag-willing>
        <dcbx-feature-flag-error>
          dcbx-feature-flag-error
        </dcbx-feature-flag-error>
      </dcbx-feature-flags>
    </dcbx-feature-application-advertisement>
  </dcbx-feature-application>

```

```
</dcbx-interface-information>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx-interface-information>
<dcbx-feature-ets>
  <dcbx-feature-ets-advertisement>
    <dcbx-feature-flags>
      <dcbx-feature-flag-enable>
        dcbx-feature-flag-enable
      </dcbx-feature-flag-enable>
      <dcbx-feature-flag-willing>
        dcbx-feature-flag-willing
      </dcbx-feature-flag-willing>
      <dcbx-feature-flag-error>
        dcbx-feature-flag-error
      </dcbx-feature-flag-error>
    </dcbx-feature-flags>
  </dcbx-feature-ets-advertisement>
</dcbx-feature-ets>
</dcbx-interface-information>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-pfc>
      <dcbx-feature-pfc-advertisement>
        <dcbx-feature-flags>
          <dcbx-feature-flag-enable>
            dcbx-feature-flag-enable
          </dcbx-feature-flag-enable>
          <dcbx-feature-flag-willing>
            dcbx-feature-flag-willing
          </dcbx-feature-flag-willing>
          <dcbx-feature-flag-error>
            dcbx-feature-flag-error
          </dcbx-feature-flag-error>
        </dcbx-feature-flags>
      </dcbx-feature-pfc-advertisement>
    </dcbx-feature-pfc>
  </dcbx-interface-information>
</dcbx>
```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-application>
      <dcbx-feature-application-advertisement>
        <dcbx-feature-flags>
          <dcbx-feature-flag-enable>
            dcbx-feature-flag-enable
          </dcbx-feature-flag-enable>
          <dcbx-feature-flag-willing>
            dcbx-feature-flag-willing
          </dcbx-feature-flag-willing>
          <dcbx-feature-flag-error>
            dcbx-feature-flag-error
          </dcbx-feature-flag-error>
        </dcbx-feature-flags>
      </dcbx-feature-application-advertisement>
    </dcbx-feature-application>
  </dcbx-interface-information>
</dcbx>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-flags>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-ets>
      <dcbx-feature-ets-advertisement>
        <dcbx-feature-flags>
          <dcbx-feature-flag-enable>
            dcbx-feature-flag-enable
          </dcbx-feature-flag-enable>
          <dcbx-feature-flag-willing>
            dcbx-feature-flag-willing
          </dcbx-feature-flag-willing>
          <dcbx-feature-flag-error>
            dcbx-feature-flag-error
          </dcbx-feature-flag-error>
        </dcbx-feature-flags>
      </dcbx-feature-ets-advertisement>
    </dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>

```

Description Different common flags relevant to each DCBX feature

<dcbx-feature-pfc>

Usage

```
<dcbx-feature-pfc>
  <dcbx-feature-common>....</dcbx-feature-common>
  <dcbx-feature-pfc-advertisement>....</dcbx-feature-pfc-advertisement>
</dcbx-feature-pfc>
```

Description

<dcbx-feature-pfc>

Usage

```
<dcbx-interface-information>
  <dcbx-feature-pfc>
    <dcbx-feature-common>....</dcbx-feature-common>
    <dcbx-feature-pfc-advertisement>....</dcbx-feature-pfc-advertisement>
  </dcbx-feature-pfc>
</dcbx-interface-information>
```

Description

<dcbx-feature-pfc>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-pfc>
      <dcbx-feature-common>....</dcbx-feature-common>
      <dcbx-feature-pfc-advertisement>....</dcbx-feature-pfc-advertisement>
    </dcbx-feature-pfc>
  </dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-pfc-advertisement>

Usage

```
<dcbx-feature-pfc-advertisement>
  <dcbx-feature-advertisement-type>
    dcbx-feature-advertisement-type
  </dcbx-feature-advertisement-type>
  <dcbx-feature-flags>....</dcbx-feature-flags>
  <dcbx-feature-pfc-max-no-tc>
    dcbx-feature-pfc-max-no-tc
  </dcbx-feature-pfc-max-no-tc>
  <dcbx-feature-pfc-config>....</dcbx-feature-pfc-config>
</dcbx-feature-pfc-advertisement>
```

Description

<dcbx-feature-pfc-advertisement>

Usage

```

<dcbx-feature-pfc>
  <dcbx-feature-pfc-advertisement>
    <dcbx-feature-advertisement-type>
      dcbx-feature-advertisement-type
    </dcbx-feature-advertisement-type>
    <dcbx-feature-flags>....</dcbx-feature-flags>
    <dcbx-feature-pfc-max-no-tc>
      dcbx-feature-pfc-max-no-tc
    </dcbx-feature-pfc-max-no-tc>
    <dcbx-feature-pfc-config>....</dcbx-feature-pfc-config>
  </dcbx-feature-pfc-advertisement>
</dcbx-feature-pfc>

```

Description

<dcbx-feature-pfc-advertisement>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-pfc>
    <dcbx-feature-pfc-advertisement>
      <dcbx-feature-advertisement-type>
        dcbx-feature-advertisement-type
      </dcbx-feature-advertisement-type>
      <dcbx-feature-flags>....</dcbx-feature-flags>
      <dcbx-feature-pfc-max-no-tc>
        dcbx-feature-pfc-max-no-tc
      </dcbx-feature-pfc-max-no-tc>
      <dcbx-feature-pfc-config>....</dcbx-feature-pfc-config>
    </dcbx-feature-pfc-advertisement>
  </dcbx-feature-pfc>
</dcbx-interface-information>

```

Description

<dcbx-feature-pfc-advertisement>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-pfc>
      <dcbx-feature-pfc-advertisement>
        <dcbx-feature-advertisement-type>
          dcbx-feature-advertisement-type
        </dcbx-feature-advertisement-type>
        <dcbx-feature-flags>....</dcbx-feature-flags>
        <dcbx-feature-pfc-max-no-tc>
          dcbx-feature-pfc-max-no-tc
        </dcbx-feature-pfc-max-no-tc>
        <dcbx-feature-pfc-config>....</dcbx-feature-pfc-config>
      </dcbx-feature-pfc-advertisement>
    </dcbx-feature-pfc>
  </dcbx-interface-information>
</dcbx>

```

```
</dcbx-feature-pfc>
</dcbx-interface-information>
</dcbx>
```

Description

<dcbx-feature-pfc-config>

Usage

```
<dcbx-feature-pfc-config>
  <dcbx-feature-pfc-code-point>
    dcbx-feature-pfc-code-point
  </dcbx-feature-pfc-code-point>
  <dcbx-feature-pfc-state>
    dcbx-feature-pfc-state
  </dcbx-feature-pfc-state>
</dcbx-feature-pfc-config>
```

Description

<dcbx-feature-pfc-config>

Usage

```
<dcbx-feature-pfc-advertisement>
  <dcbx-feature-pfc-config>
    <dcbx-feature-pfc-code-point>
      dcbx-feature-pfc-code-point
    </dcbx-feature-pfc-code-point>
    <dcbx-feature-pfc-state>
      dcbx-feature-pfc-state
    </dcbx-feature-pfc-state>
  </dcbx-feature-pfc-config>
</dcbx-feature-pfc-advertisement>
```

Description

<dcbx-feature-pfc-config>

Usage

```
<dcbx-feature-pfc>
  <dcbx-feature-pfc-advertisement>
    <dcbx-feature-pfc-config>
      <dcbx-feature-pfc-code-point>
        dcbx-feature-pfc-code-point
      </dcbx-feature-pfc-code-point>
      <dcbx-feature-pfc-state>
        dcbx-feature-pfc-state
      </dcbx-feature-pfc-state>
    </dcbx-feature-pfc-config>
  </dcbx-feature-pfc-advertisement>
</dcbx-feature-pfc>
```


Description

<dcbx-feature-pfc-config>

Usage

```

<dcbx-interface-information>
  <dcbx-feature-pfc>
    <dcbx-feature-pfc-advertisement>
      <dcbx-feature-pfc-config>
        <dcbx-feature-pfc-code-point>
          dcbx-feature-pfc-code-point
        </dcbx-feature-pfc-code-point>
        <dcbx-feature-pfc-state>
          dcbx-feature-pfc-state
        </dcbx-feature-pfc-state>
      </dcbx-feature-pfc-config>
    </dcbx-feature-pfc-advertisement>
  </dcbx-feature-pfc>
</dcbx-interface-information>

```

Description

<dcbx-feature-pfc-config>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-feature-pfc>
      <dcbx-feature-pfc-advertisement>
        <dcbx-feature-pfc-config>
          <dcbx-feature-pfc-code-point>
            dcbx-feature-pfc-code-point
          </dcbx-feature-pfc-code-point>
          <dcbx-feature-pfc-state>
            dcbx-feature-pfc-state
          </dcbx-feature-pfc-state>
        </dcbx-feature-pfc-config>
      </dcbx-feature-pfc-advertisement>
    </dcbx-feature-pfc>
  </dcbx-interface-information>
</dcbx>

```

Description

<dcbx-interface-information>

Usage

```

<dcbx-interface-information>
  <dcbx-intf-name>
    dcbx-intf-name
  </dcbx-intf-name>
  <dcbx-neighbor-id>
    dcbx-neighbor-id
  </dcbx-neighbor-id>
  <dcbx-protocol-state>

```

```
    dcbx-protocol-state
  </dcbx-protocol-state>
  <dcbx-protocol-control-adv>....</dcbx-protocol-control-adv>
  <dcbx-feature-pfc>....</dcbx-feature-pfc>
  <dcbx-feature-application>....</dcbx-feature-application>
  <dcbx-feature-ets>....</dcbx-feature-ets>
</dcbx-interface-information>
```

Description DCBX related information for interface

<dcbx-interface-information>

Usage

```
<dcbx>
  <dcbx-interface-information>
    <dcbx-intf-name>
      dcbx-intf-name
    </dcbx-intf-name>
    <dcbx-neighbor-id>
      dcbx-neighbor-id
    </dcbx-neighbor-id>
    <dcbx-protocol-state>
      dcbx-protocol-state
    </dcbx-protocol-state>
    <dcbx-protocol-control-adv>....</dcbx-protocol-control-adv>
    <dcbx-feature-pfc>....</dcbx-feature-pfc>
    <dcbx-feature-application>....</dcbx-feature-application>
    <dcbx-feature-ets>....</dcbx-feature-ets>
  </dcbx-interface-information>
</dcbx>
```

Description DCBX related information for interface

<dcbx-protocol-control-adv>

Usage

```
<dcbx-protocol-control-adv>
  <dcbx-feature-advertisement-type>
    dcbx-feature-advertisement-type
  </dcbx-feature-advertisement-type>
  <dcbx-protocol-control-info>....</dcbx-protocol-control-info>
</dcbx-protocol-control-adv>
```

Description

<dcbx-protocol-control-adv>

Usage

```
<dcbx-interface-information>
  <dcbx-protocol-control-adv>
    <dcbx-feature-advertisement-type>
      dcbx-feature-advertisement-type
    </dcbx-feature-advertisement-type>
  </dcbx-protocol-control-adv>
</dcbx-interface-information>
```

```

    </dcbx-feature-advertisement-type>
    <dcbx-protocol-control-info>....</dcbx-protocol-control-info>
  </dcbx-protocol-control-adv>
</dcbx-interface-information>

```

Description

<dcbx-protocol-control-adv>

Usage

```

<dcbx>
  <dcbx-interface-information>
    <dcbx-protocol-control-adv>
      <dcbx-feature-advertisement-type>
        dcbx-feature-advertisement-type
      </dcbx-feature-advertisement-type>
      <dcbx-protocol-control-info>....</dcbx-protocol-control-info>
    </dcbx-protocol-control-adv>
  </dcbx-interface-information>
</dcbx>

```

Description

<dcbx-protocol-control-info>

Usage

```

<dcbx-protocol-control-info>
  <dcbx-protocol-control-op-version>
    dcbx-protocol-control-op-version
  </dcbx-protocol-control-op-version>
  <dcbx-protocol-control-seq-number>
    dcbx-protocol-control-seq-number
  </dcbx-protocol-control-seq-number>
  <dcbx-protocol-control-ack-id>
    dcbx-protocol-control-ack-id
  </dcbx-protocol-control-ack-id>
</dcbx-protocol-control-info>

```

Description

<dcbx-protocol-control-info>

Usage

```

<dcbx-protocol-control-adv>
  <dcbx-protocol-control-info>
    <dcbx-protocol-control-op-version>
      dcbx-protocol-control-op-version
    </dcbx-protocol-control-op-version>
    <dcbx-protocol-control-seq-number>
      dcbx-protocol-control-seq-number
    </dcbx-protocol-control-seq-number>
    <dcbx-protocol-control-ack-id>
      dcbx-protocol-control-ack-id
    </dcbx-protocol-control-ack-id>
  </dcbx-protocol-control-info>

```

```
</dcbx-protocol-control-info>
</dcbx-protocol-control-adv>
```

Description

<dcbx-protocol-control-info>

Usage

```
<dcbx-interface-information>
<dcbx-protocol-control-adv>
  <dcbx-protocol-control-info>
    <dcbx-protocol-control-op-version>
      dcbx-protocol-control-op-version
    </dcbx-protocol-control-op-version>
    <dcbx-protocol-control-seq-number>
      dcbx-protocol-control-seq-number
    </dcbx-protocol-control-seq-number>
    <dcbx-protocol-control-ack-id>
      dcbx-protocol-control-ack-id
    </dcbx-protocol-control-ack-id>
  </dcbx-protocol-control-info>
</dcbx-protocol-control-adv>
</dcbx-interface-information>
```

Description

<dcbx-protocol-control-info>

Usage

```
<dcbx>
<dcbx-interface-information>
<dcbx-protocol-control-adv>
  <dcbx-protocol-control-info>
    <dcbx-protocol-control-op-version>
      dcbx-protocol-control-op-version
    </dcbx-protocol-control-op-version>
    <dcbx-protocol-control-seq-number>
      dcbx-protocol-control-seq-number
    </dcbx-protocol-control-seq-number>
    <dcbx-protocol-control-ack-id>
      dcbx-protocol-control-ack-id
    </dcbx-protocol-control-ack-id>
  </dcbx-protocol-control-info>
</dcbx-protocol-control-adv>
</dcbx-interface-information>
</dcbx>
```

Description

<lldp>

Usage

```
<lldp>
  <lldp-interface-information>....</lldp-interface-information>
```

```

<lldp-global-status>
  lldp-global-status
</lldp-global-status>
<lldp-advertisement-interval>
  lldp-advertisement-interval
</lldp-advertisement-interval>
<lldp-transmit-delay-interval>
  lldp-transmit-delay-interval
</lldp-transmit-delay-interval>
<lldp-hold-time-interval>
  lldp-hold-time-interval
</lldp-hold-time-interval>
<lldp-notification-interval>
  lldp-notification-interval
</lldp-notification-interval>
<ptopo-configuration-trap-interval>
  ptopo-configuration-trap-interval
</ptopo-configuration-trap-interval>
<ptopo-maximum-hold-time>
  ptopo-maximum-hold-time
</ptopo-maximum-hold-time>
<lldp-med-global-status>
  lldp-med-global-status
</lldp-med-global-status>
<lldp-med-fast-start-count>
  lldp-med-fast-start-count
</lldp-med-fast-start-count>
<lldp-basic-tlv-supported>
  lldp-basic-tlv-supported
</lldp-basic-tlv-supported>
<lldp-802-tlv-supported>
  lldp-802-tlv-supported
</lldp-802-tlv-supported>
<lldp-med-tlv-supported>
  lldp-med-tlv-supported
</lldp-med-tlv-supported>
<lldp-exported-vlan-information>....</lldp-exported-vlan-information>
</lldp>

```

Description

<lldp-exported-vlan-information>

Usage

```

<lldp>
  <lldp-exported-vlan-information>
    <lldp-vlan-interface-name>
      lldp-vlan-interface-name
    </lldp-vlan-interface-name>
    <lldp-vlan-parent-interface-name>
      lldp-vlan-parent-interface-name
    </lldp-vlan-parent-interface-name>
    <lldp-vlan-tag>
      lldp-vlan-tag
    </lldp-vlan-tag>
  </lldp-exported-vlan-information>
</lldp>

```

```
<lldp-vlan-name>
  lldp-vlan-name
</lldp-vlan-name>
</lldp-exported-vlan-information>
</lldp>
```

Description

<lldp-interface-information>

Usage

```
<lldp-interface-information>
  <lldp-interface-name>
    lldp-interface-name
  </lldp-interface-name>
  <lldp-parent-interface-name>
    lldp-parent-interface-name
  </lldp-parent-interface-name>
  <lldp-interface-status>
    lldp-interface-status
  </lldp-interface-status>
  <lldp-med-interface-status>
    lldp-med-interface-status
  </lldp-med-interface-status>
  <lldp-interface-neighbor-count>
    lldp-interface-neighbor-count
  </lldp-interface-neighbor-count>
</lldp-interface-information>
```

Description

<lldp-interface-information>

Usage

```
<lldp>
  <lldp-interface-information>
    <lldp-interface-name>
      lldp-interface-name
    </lldp-interface-name>
    <lldp-parent-interface-name>
      lldp-parent-interface-name
    </lldp-parent-interface-name>
    <lldp-interface-status>
      lldp-interface-status
    </lldp-interface-status>
    <lldp-med-interface-status>
      lldp-med-interface-status
    </lldp-med-interface-status>
    <lldp-interface-neighbor-count>
      lldp-interface-neighbor-count
    </lldp-interface-neighbor-count>
  </lldp-interface-information>
</lldp>
```

Description**<lldp-intf-stats>****Usage**

```

<lldp-intf-stats>
  <lldp-intf-name>
    lldp-intf-name
  </lldp-intf-name>
  <lldp-parent-intf-name>
    lldp-parent-intf-name
  </lldp-parent-intf-name>
  <lldp-rx-pkt-count>
    lldp-rx-pkt-count
  </lldp-rx-pkt-count>
  <lldp-rx-pkt-unknown-tlvs>
    lldp-rx-pkt-unknown-tlvs
  </lldp-rx-pkt-unknown-tlvs>
  <lldp-rx-pkt-err-count>
    lldp-rx-pkt-err-count
  </lldp-rx-pkt-err-count>
  <lldp-rx-tlv-discard-count>
    lldp-rx-tlv-discard-count
  </lldp-rx-tlv-discard-count>
  <lldp-tx-pkt-count>
    lldp-tx-pkt-count
  </lldp-tx-pkt-count>
  <lldp-tx-pkt-err-count>
    lldp-tx-pkt-err-count
  </lldp-tx-pkt-err-count>
</lldp-intf-stats>

```

Description Interface statistics**<lldp-intf-stats>****Usage**

```

<lldp-stats>
  <lldp-intf-stats>
    <lldp-intf-name>
      lldp-intf-name
    </lldp-intf-name>
    <lldp-parent-intf-name>
      lldp-parent-intf-name
    </lldp-parent-intf-name>
    <lldp-rx-pkt-count>
      lldp-rx-pkt-count
    </lldp-rx-pkt-count>
    <lldp-rx-pkt-unknown-tlvs>
      lldp-rx-pkt-unknown-tlvs
    </lldp-rx-pkt-unknown-tlvs>
    <lldp-rx-pkt-err-count>
      lldp-rx-pkt-err-count
    </lldp-rx-pkt-err-count>
    <lldp-rx-tlv-discard-count>

```

```
    lldp-rx-tlv-discard-count
  </lldp-rx-tlv-discard-count>
  <lldp-tx-pkt-count>
    lldp-tx-pkt-count
  </lldp-tx-pkt-count>
  <lldp-tx-pkt-err-count>
    lldp-tx-pkt-err-count
  </lldp-tx-pkt-err-count>
</lldp-intf-stats>
</lldp-stats>
```

Description Interface statistics

<lldp-local-info>

Usage

```
<lldp-local-info>
  <lldp-local-interface-info>....</lldp-local-interface-info>
  <lldp-local-chassis-id>
    lldp-local-chassis-id
  </lldp-local-chassis-id>
  <lldp-local-system-name>
    lldp-local-system-name
  </lldp-local-system-name>
  <lldp-local-system-descr>
    lldp-local-system-descr
  </lldp-local-system-descr>
  <lldp-local-system-capabilities-supported>
    lldp-local-system-capabilities-supported
  </lldp-local-system-capabilities-supported>
  <lldp-local-system-capabilities-enabled>
    lldp-local-system-capabilities-enabled
  </lldp-local-system-capabilities-enabled>
  <lldp-local-port-description>
    lldp-local-port-description
  </lldp-local-port-description>
  <lldp-local-management-address>
    lldp-local-management-address
  </lldp-local-management-address>
  <lldp-local-management-address-type>
    lldp-local-management-address-type
  </lldp-local-management-address-type>
  <lldp-local-management-address-interface-id>
    lldp-local-management-address-interface-id
  </lldp-local-management-address-interface-id>
  <lldp-local-port-id-sub-type>
    lldp-local-port-id-sub-type
  </lldp-local-port-id-sub-type>
  <lldp-local-management-address-interface-sub-type>
    lldp-local-management-address-interface-sub-type
  </lldp-local-management-address-interface-sub-type>
</lldp-local-info>
```


Description

<lldp-local-interface-info>

Usage

```

<lldp-local-interface-info>
  <lldp-local-interface-name>
    lldp-local-interface-name
  </lldp-local-interface-name>
  <lldp-parent-local-interface-name>
    lldp-parent-local-interface-name
  </lldp-parent-local-interface-name>
  <lldp-local-interface-id>
    lldp-local-interface-id
  </lldp-local-interface-id>
  <lldp-local-interface-descr>
    lldp-local-interface-descr
  </lldp-local-interface-descr>
  <lldp-local-interface-status>
    lldp-local-interface-status
  </lldp-local-interface-status>
  <lldp-local-interface-tunneling>
    lldp-local-interface-tunneling
  </lldp-local-interface-tunneling>
</lldp-local-interface-info>

```

Description

<lldp-local-interface-info>

Usage

```

<lldp-local-info>
  <lldp-local-interface-info>
    <lldp-local-interface-name>
      lldp-local-interface-name
    </lldp-local-interface-name>
    <lldp-parent-local-interface-name>
      lldp-parent-local-interface-name
    </lldp-parent-local-interface-name>
    <lldp-local-interface-id>
      lldp-local-interface-id
    </lldp-local-interface-id>
    <lldp-local-interface-descr>
      lldp-local-interface-descr
    </lldp-local-interface-descr>
    <lldp-local-interface-status>
      lldp-local-interface-status
    </lldp-local-interface-status>
    <lldp-local-interface-tunneling>
      lldp-local-interface-tunneling
    </lldp-local-interface-tunneling>
  </lldp-local-interface-info>
</lldp-local-info>

```

Description

<lldp-neighbor-information>

Usage

```
<lldp-neighbor-information>
  <lldp-index>
    lldp-index
  </lldp-index>
  <lldp-ttl>
    lldp-ttl
  </lldp-ttl>
  <lldp-timemark>
    lldp-timemark
  </lldp-timemark>
  <lldp-age>
    lldp-age
  </lldp-age>
  <lldp-local-interface>
    lldp-local-interface
  </lldp-local-interface>
  <lldp-local-parent-interface-name>
    lldp-local-parent-interface-name
  </lldp-local-parent-interface-name>
  <lldp-local-port-id>
    lldp-local-port-id
  </lldp-local-port-id>
  <lldp-local-port-ageout-count>
    lldp-local-port-ageout-count
  </lldp-local-port-ageout-count>
  <lldp-remote-chassis-id-subtype>
    lldp-remote-chassis-id-subtype
  </lldp-remote-chassis-id-subtype>
  <lldp-remote-chassis-id>
    lldp-remote-chassis-id
  </lldp-remote-chassis-id>
  <lldp-remote-port-id-subtype>
    lldp-remote-port-id-subtype
  </lldp-remote-port-id-subtype>
  <lldp-remote-port-id>
    lldp-remote-port-id
  </lldp-remote-port-id>
  <lldp-remote-port-description>
    lldp-remote-port-description
  </lldp-remote-port-description>
  <lldp-remote-system-name>
    lldp-remote-system-name
  </lldp-remote-system-name>
  <lldp-system-description>....</lldp-system-description>
  <lldp-remote-system-capabilities-supported>
    lldp-remote-system-capabilities-supported
  </lldp-remote-system-capabilities-supported>
  <lldp-remote-system-capabilities-enabled>
    lldp-remote-system-capabilities-enabled
  </lldp-remote-system-capabilities-enabled>
  <lldp-remote-inventory-network-policy>
```

```
    lldp-remote-inventory-network-policy
  </lldp-remote-inventory-network-policy>
  <lldp-remote-inventory-hardware-revision>
    lldp-remote-inventory-hardware-revision
  </lldp-remote-inventory-hardware-revision>
  <lldp-remote-inventory-firmware-revision>
    lldp-remote-inventory-firmware-revision
  </lldp-remote-inventory-firmware-revision>
  <lldp-remote-inventory-software-revision>
    lldp-remote-inventory-software-revision
  </lldp-remote-inventory-software-revision>
  <lldp-remote-inventory-serial-number>
    lldp-remote-inventory-serial-number
  </lldp-remote-inventory-serial-number>
  <lldp-remote-inventory-manufacturer-name>
    lldp-remote-inventory-manufacturer-name
  </lldp-remote-inventory-manufacturer-name>
  <lldp-remote-inventory-model-name>
    lldp-remote-inventory-model-name
  </lldp-remote-inventory-model-name>
  <lldp-remote-inventory-asset-id>
    lldp-remote-inventory-asset-id
  </lldp-remote-inventory-asset-id>
  <lldp-remote-management-address-type>
    lldp-remote-management-address-type
  </lldp-remote-management-address-type>
  <lldp-remote-management-address>
    lldp-remote-management-address
  </lldp-remote-management-address>
  <lldp-remote-management-address-port-id>
    lldp-remote-management-address-port-id
  </lldp-remote-management-address-port-id>
  <lldp-remote-management-address-sub-type>
    lldp-remote-management-address-sub-type
  </lldp-remote-management-address-sub-type>
  <lldp-remote-management-address-interface-subtype>
    lldp-remote-management-address-interface-subtype
  </lldp-remote-management-address-interface-subtype>
  <lldp-remote-management-addr-oid>
    lldp-remote-management-addr-oid
  </lldp-remote-management-addr-oid>
  <lldp-remote-org-def-info-oui>
    lldp-remote-org-def-info-oui
  </lldp-remote-org-def-info-oui>
  <lldp-remote-org-def-info-subtype>
    lldp-remote-org-def-info-subtype
  </lldp-remote-org-def-info-subtype>
  <lldp-remote-org-def-info-index>
    lldp-remote-org-def-info-index
  </lldp-remote-org-def-info-index>
  <lldp-remote-org-def-info>
    lldp-remote-org-def-info
  </lldp-remote-org-def-info>
  <lldp-remote-unknown-tlv-type>
    lldp-remote-unknown-tlv-type
  </lldp-remote-unknown-tlv-type>
```

```
<lldp-remote-unknown-tlv-info>  
  lldp-remote-unknown-tlv-info  
</lldp-remote-unknown-tlv-info>  
<lldp-med-remote-system-class>  
  lldp-med-remote-system-class  
</lldp-med-remote-system-class>  
<lldp-med-remote-application-attributes>  
  lldp-med-remote-application-attributes  
</lldp-med-remote-application-attributes>  
</lldp-neighbor-information>
```

Description

<lldp-neighbor-information>

Usage

```
<lldp-neighbors-information>  
<lldp-neighbor-information>  
  <lldp-index>  
    lldp-index  
  </lldp-index>  
  <lldp-ttl>  
    lldp-ttl  
  </lldp-ttl>  
  <lldp-timemark>  
    lldp-timemark  
  </lldp-timemark>  
  <lldp-age>  
    lldp-age  
  </lldp-age>  
  <lldp-local-interface>  
    lldp-local-interface  
  </lldp-local-interface>  
  <lldp-local-parent-interface-name>  
    lldp-local-parent-interface-name  
  </lldp-local-parent-interface-name>  
  <lldp-local-port-id>  
    lldp-local-port-id  
  </lldp-local-port-id>  
  <lldp-local-port-ageout-count>  
    lldp-local-port-ageout-count  
  </lldp-local-port-ageout-count>  
  <lldp-remote-chassis-id-subtype>  
    lldp-remote-chassis-id-subtype  
  </lldp-remote-chassis-id-subtype>  
  <lldp-remote-chassis-id>  
    lldp-remote-chassis-id  
  </lldp-remote-chassis-id>  
  <lldp-remote-port-id-subtype>  
    lldp-remote-port-id-subtype  
  </lldp-remote-port-id-subtype>  
  <lldp-remote-port-id>  
    lldp-remote-port-id  
  </lldp-remote-port-id>  
  <lldp-remote-port-description>
```

```
    lldp-remote-port-description
</lldp-remote-port-description>
<lldp-remote-system-name>
    lldp-remote-system-name
</lldp-remote-system-name>
<lldp-system-description>....</lldp-system-description>
<lldp-remote-system-capabilities-supported>
    lldp-remote-system-capabilities-supported
</lldp-remote-system-capabilities-supported>
<lldp-remote-system-capabilities-enabled>
    lldp-remote-system-capabilities-enabled
</lldp-remote-system-capabilities-enabled>
<lldp-remote-inventory-network-policy>
    lldp-remote-inventory-network-policy
</lldp-remote-inventory-network-policy>
<lldp-remote-inventory-hardware-revision>
    lldp-remote-inventory-hardware-revision
</lldp-remote-inventory-hardware-revision>
<lldp-remote-inventory-firmware-revision>
    lldp-remote-inventory-firmware-revision
</lldp-remote-inventory-firmware-revision>
<lldp-remote-inventory-software-revision>
    lldp-remote-inventory-software-revision
</lldp-remote-inventory-software-revision>
<lldp-remote-inventory-serial-number>
    lldp-remote-inventory-serial-number
</lldp-remote-inventory-serial-number>
<lldp-remote-inventory-manufacturer-name>
    lldp-remote-inventory-manufacturer-name
</lldp-remote-inventory-manufacturer-name>
<lldp-remote-inventory-model-name>
    lldp-remote-inventory-model-name
</lldp-remote-inventory-model-name>
<lldp-remote-inventory-asset-id>
    lldp-remote-inventory-asset-id
</lldp-remote-inventory-asset-id>
<lldp-remote-management-address-type>
    lldp-remote-management-address-type
</lldp-remote-management-address-type>
<lldp-remote-management-address>
    lldp-remote-management-address
</lldp-remote-management-address>
<lldp-remote-management-address-port-id>
    lldp-remote-management-address-port-id
</lldp-remote-management-address-port-id>
<lldp-remote-management-address-sub-type>
    lldp-remote-management-address-sub-type
</lldp-remote-management-address-sub-type>
<lldp-remote-management-address-interface-subtype>
    lldp-remote-management-address-interface-subtype
</lldp-remote-management-address-interface-subtype>
<lldp-remote-management-addr-oid>
    lldp-remote-management-addr-oid
</lldp-remote-management-addr-oid>
<lldp-remote-org-def-info-oui>
    lldp-remote-org-def-info-oui
```

```
</lldp-remote-org-def-info-oui>
<lldp-remote-org-def-info-subtype>
  lldp-remote-org-def-info-subtype
</lldp-remote-org-def-info-subtype>
<lldp-remote-org-def-info-index>
  lldp-remote-org-def-info-index
</lldp-remote-org-def-info-index>
<lldp-remote-org-def-info>
  lldp-remote-org-def-info
</lldp-remote-org-def-info>
<lldp-remote-unknown-tlv-type>
  lldp-remote-unknown-tlv-type
</lldp-remote-unknown-tlv-type>
<lldp-remote-unknown-tlv-info>
  lldp-remote-unknown-tlv-info
</lldp-remote-unknown-tlv-info>
<lldp-med-remote-system-class>
  lldp-med-remote-system-class
</lldp-med-remote-system-class>
<lldp-med-remote-application-attributes>
  lldp-med-remote-application-attributes
</lldp-med-remote-application-attributes>
</lldp-neighbor-information>
</lldp-neighbors-information>
```

Description

<lldp-neighbors-information>

Usage

```
<lldp-neighbors-information>
  <lldp-neighbor-information>....</lldp-neighbor-information>
</lldp-neighbors-information>
```

Description

<lldp-remote-global-statistics>

Usage

```
<lldp-remote-global-statistics>
  <lldp-remote-global-stats>....</lldp-remote-global-stats>
</lldp-remote-global-statistics>
```

Description

<lldp-remote-global-stats>

Usage

```
<lldp-remote-global-stats>
  <lldp-last-change-time>
    lldp-last-change-time
  </lldp-last-change-time>
  <lldp-inserts>
    lldp-inserts
```

```

</lldp-inserts>
<lldp-deletes>
  lldp-deletes
</lldp-deletes>
<lldp-drops>
  lldp-drops
</lldp-drops>
<lldp-ageouts>
  lldp-ageouts
</lldp-ageouts>
</lldp-remote-global-stats>

```

Description

<lldp-remote-global-stats>

Usage

```

<lldp-remote-global-statistics>
  <lldp-remote-global-stats>
    <lldp-last-change-time>
      lldp-last-change-time
    </lldp-last-change-time>
    <lldp-inserts>
      lldp-inserts
    </lldp-inserts>
    <lldp-deletes>
      lldp-deletes
    </lldp-deletes>
    <lldp-drops>
      lldp-drops
    </lldp-drops>
    <lldp-ageouts>
      lldp-ageouts
    </lldp-ageouts>
  </lldp-remote-global-stats>
</lldp-remote-global-statistics>

```

Description

<lldp-stats>

Usage

```

<lldp-stats>
  <lldp-intf-stats>....</lldp-intf-stats>
</lldp-stats>

```

Description

<lldp-system-description>

Usage

```

<lldp-neighbor-information>
  <lldp-system-description>
    <lldp-remote-system-description>

```

```
    lldp-remote-system-description
  </lldp-remote-system-description>
</lldp-system-description>
</lldp-neighbor-information>
```

Description

<lldp-system-description>

Usage

```
<lldp-neighbors-information>
  <lldp-neighbor-information>
    <lldp-system-description>
      <lldp-remote-system-description>
        lldp-remote-system-description
      </lldp-remote-system-description>
    </lldp-system-description>
  </lldp-neighbor-information>
</lldp-neighbors-information>
```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
```



```

        tb-terse-fullpage
      </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>

```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks

```

```
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
```

```
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

```

    </task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```

<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size

```

```
</task-memory-in-use-size>
<task-memory-in-use-avail>
  task-memory-in-use-avail
</task-memory-in-use-avail>
<task-memory-max-size>
  task-memory-max-size
</task-memory-max-size>
<task-memory-max-avail>
  task-memory-max-avail
</task-memory-max-avail>
<task-memory-max-when>
  task-memory-max-when
</task-memory-max-when>
<task-memory-free-size>
  task-memory-free-size
</task-memory-free-size>
<task-memory-overall-report>....</task-memory-overall-report>
<task-memory-allocator-report>....</task-memory-allocator-report>
<task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
<task-memory-dynamic-allocs>
  task-memory-dynamic-allocs
</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>
```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>

```

```
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
        <tms-max-allocs>
          tms-max-allocs
        </tms-max-allocs>
        <tms-max-bytes>
          tms-max-bytes
        </tms-max-bytes>
        <tms-free-bytes>
          tms-free-bytes
        </tms-free-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
```



```

        <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-replication-state>

Usage

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>

Usage

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>

```

</task-size-block-list>

Description

<task-size-block>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs
        </tsb-allocs>
        <tsb-mallocs>
          tsb-mallocs
        </tsb-mallocs>
        <tsb-alloc-bytes>
          tsb-alloc-bytes
        </tsb-alloc-bytes>
        <tsb-max-allocs>
          tsb-max-allocs
        </tsb-max-allocs>
        <tsb-max-bytes>
          tsb-max-bytes
        </tsb-max-bytes>
        <tsb-free-bytes>
          tsb-free-bytes
        </tsb-free-bytes>
      </task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>**Usage**

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description**<task-timer>****Usage**

```

<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>

```

Description**<task-timer>****Usage**

```

<task-timer-information>
  <task>
    <task-timer>
      <timer-name>
        timer-name
      </timer-name>
      <timer-late>
        timer-late
      </timer-late>
      <timer-expires>
        timer-expires
      </timer-expires>
    </task-timer>
  </task>
</task-timer-information>

```

```
<timer-jitter>
  timer-jitter
</timer-jitter>
<timer-interval>
  timer-interval
</timer-interval>
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>
</task>
</task-timer-information>
```

Description

<task-timer-information>

Usage

```
<task-timer-information>
  <task>....</task>
</task-timer-information>
```

Description

<tracing-information>

Usage

```
<tracing-information>
  <flags>
    flags
  </flags>
  <filename>
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>
```

Description

CHAPTER 14

Operational Response Tag Elements Specific to M, MX, and T Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are specific to devices belonging to the following platforms:

- M Series
- MX Series
- T Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of DS-Lite Response Tags on page 6273
- Summary of DHCP Response Tags on page 6275
- Summary of Multicast and IGMP Snooping Response Tags on page 6286

Summary of DS-Lite Response Tags

<ds-lite-software-sc>

Usage

```
<ds-lite-software-sc-all-information>
  <ds-lite-software-sc>
    <ds-lite-software-sc-name>
      ds-lite-software-sc-name
    </ds-lite-software-sc-name>
    <ds-lite-software-sc-address>
      ds-lite-software-sc-address
    </ds-lite-software-sc-address>
    <ds-lite-software-sc-status>
      ds-lite-software-sc-status
    </ds-lite-software-sc-status>
    <ds-lite-software-sc-si-num>
      ds-lite-software-sc-si-num
    </ds-lite-software-sc-si-num>
  </ds-lite-software-sc>
</ds-lite-software-sc-all-information>
```

```
</ds-lite-software-sc-si-num>
</ds-lite-software-sc>
</ds-lite-software-sc-all-information>
```

Description**<ds-lite-software-sc-all-information>****Usage**

```
<ds-lite-software-sc-all-information>
  <ds-lite-software-sc>....</ds-lite-software-sc>
</ds-lite-software-sc-all-information>
```

Description**<ds-lite-software-sc-detail-information>****Usage**

```
<ds-lite-software-sc-detail-information>
  <ds-lite-software-sc-pre>....</ds-lite-software-sc-pre>
  <ds-lite-software-si>....</ds-lite-software-si>
  <ds-lite-software-sc-si-num>
    ds-lite-software-sc-si-num
  </ds-lite-software-sc-si-num>
</ds-lite-software-sc-detail-information>
```

Description Information about specified SC

<ds-lite-software-sc-pre>**Usage**

```
<ds-lite-software-sc-detail-information>
  <ds-lite-software-sc-pre>
    <ds-lite-software-sc-name>
      ds-lite-software-sc-name
    </ds-lite-software-sc-name>
    <ds-lite-software-sc-status>
      ds-lite-software-sc-status
    </ds-lite-software-sc-status>
    <ds-lite-software-sc-address>
      ds-lite-software-sc-address
    </ds-lite-software-sc-address>
    <ds-lite-software-sc-zone>
      ds-lite-software-sc-zone
    </ds-lite-software-sc-zone>
    <ds-lite-software-sc-vr-id>
      ds-lite-software-sc-vr-id
    </ds-lite-software-sc-vr-id>
  </ds-lite-software-sc-pre>
</ds-lite-software-sc-detail-information>
```

Description Brief information about specified SC

<ds-lite-software-si>

Usage

```

<ds-lite-software-sc-detail-information>
  <ds-lite-software-si>
    <ds-lite-software-si-address>
      ds-lite-software-si-address
    </ds-lite-software-si-address>
    <ds-lite-software-si-status>
      ds-lite-software-si-status
    </ds-lite-software-si-status>
    <ds-lite-software-si-spu>
      ds-lite-software-si-spu
    </ds-lite-software-si-spu>
  </ds-lite-software-si>
</ds-lite-software-sc-detail-information>

```

Description Information about SI

Summary of DHCP Response Tags

<client-identifier>

Usage

```

<dhcp-binding-information>
  <dhcp-binding>
    <client-identifier>
      <hex-data>
        hex-data
      </hex-data>
      <hex-data-line>
        hex-data-line
      </hex-data-line>
      <printable-data-line>
        printable-data-line
      </printable-data-line>
    </client-identifier>
  </dhcp-binding>
</dhcp-binding-information>

```

Description Identifier that the DHCP client provided for itself when it requested an address assignment

<dhcp-binding>

Usage

```

<dhcp-binding-information>
  <dhcp-binding>
    <allocated-address>
      allocated-address
    </allocated-address>
    <mac-address>
      mac-address

```

```
</mac-address>
<dhcp-lease-binding-type>
  dhcp-lease-binding-type
</dhcp-lease-binding-type>
<lease-end-time>
  lease-end-time
</lease-end-time>
<lease-state>
  lease-state
</lease-state>
<dhcp-option-table>....</dhcp-option-table>
<address-pool-name>
  address-pool-name
</address-pool-name>
<interface-name>
  interface-name
</interface-name>
<bootp-relay-address>
  bootp-relay-address
</bootp-relay-address>
<dhcp-lease-information>....</dhcp-lease-information>
<client-identifier>....</client-identifier>
</dhcp-binding>
</dhcp-binding-information>
```

Description Information about the address assigned to a Dynamic Host Configuration Protocol client

<dhcp-binding-information>

Usage

```
<dhcp-binding-information>
<dhcp-binding>....</dhcp-binding>
</dhcp-binding-information>
```

Description Information about the address assigned to each of one or more Dynamic Host Configuration Protocol clients

<dhcp-conflict>

Usage

```
<dhcp-conflict>
<detection-time>
  detection-time
</detection-time>
<detection-method>
  detection-method
</detection-method>
<conflict-address>
  conflict-address
</conflict-address>
</dhcp-conflict>
```


Description Information about a Dynamic Host Configuration Protocol conflict. A conflict arises when an address assigned to DHCP client is already assigned to another entity (computer or interface, for example).

<dhcp-conflict>

Usage

```
<dhcp-conflict-information>
  <dhcp-conflict>
    <detection-time>
      detection-time
    </detection-time>
    <detection-method>
      detection-method
    </detection-method>
    <conflict-address>
      conflict-address
    </conflict-address>
  </dhcp-conflict>
</dhcp-conflict-information>
```

Description Information about a Dynamic Host Configuration Protocol conflict. A conflict arises when an address assigned to DHCP client is already assigned to another entity (computer or interface, for example).

<dhcp-conflict-information>

Usage

```
<dhcp-conflict-information>
  <dhcp-conflict>....</dhcp-conflict>
</dhcp-conflict-information>
```

Description Information about one or more Dynamic Host Configuration Protocol conflicts.

<dhcp-global-information>

Usage

```
<dhcp-global-information>
  <dhcp-lease-time-information>....</dhcp-lease-time-information>
  <dhcp-option-table>....</dhcp-option-table>
  <bootp-lease-length>
    bootp-lease-length
  </bootp-lease-length>
  <bootp-lease-cutoff>
    bootp-lease-cutoff
  </bootp-lease-cutoff>
</dhcp-global-information>
```

Description Information about Dynamic Host Configuration Protocol settings that are configured for the global scope

<dhcp-lease-information>

Usage

```
<dhcp-lease-information>
  <dhcp-lease-type>
    dhcp-lease-type
  </dhcp-lease-type>
  <lease-start-time>
    lease-start-time
  </lease-start-time>
  <lease-end-time>
    lease-end-time
  </lease-end-time>
  <lease-state>
    lease-state
  </lease-state>
</dhcp-lease-information>
```

Description Information about an address assignment

<dhcp-lease-information>

Usage

```
<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-lease-information>
      <dhcp-lease-type>
        dhcp-lease-type
      </dhcp-lease-type>
      <lease-start-time>
        lease-start-time
      </lease-start-time>
      <lease-end-time>
        lease-end-time
      </lease-end-time>
      <lease-state>
        lease-state
      </lease-state>
    </dhcp-lease-information>
  </dhcp-binding>
</dhcp-binding-information>
```

Description Information about an address assignment

<dhcp-lease-time-information>

Usage

```
<dhcp-lease-time-information>
  <default-lease-time>
    default-lease-time
  </default-lease-time>
  <minimum-lease-time>
```

```

        minimum-lease-time
      </minimum-lease-time>
    <maximum-lease-time>
      maximum-lease-time
    </maximum-lease-time>
  </dhcp-lease-time-information>

```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-lease-time-information>

Usage

```

<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-lease-time-information>
      <default-lease-time>
        default-lease-time
      </default-lease-time>
      <minimum-lease-time>
        minimum-lease-time
      </minimum-lease-time>
      <maximum-lease-time>
        maximum-lease-time
      </maximum-lease-time>
    </dhcp-lease-time-information>
  </dhcp-pool>
</dhcp-pool-information>

```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-lease-time-information>

Usage

```

<dhcp-global-information>
  <dhcp-lease-time-information>
    <default-lease-time>
      default-lease-time
    </default-lease-time>
    <minimum-lease-time>
      minimum-lease-time
    </minimum-lease-time>
    <maximum-lease-time>
      maximum-lease-time
    </maximum-lease-time>
  </dhcp-lease-time-information>
</dhcp-global-information>

```

Description Information about configured default, maximum, and minimum duration for address assignments

<dhcp-option>

Usage

```
<dhcp-option>
  <dhcp-option-code>
    dhcp-option-code
  </dhcp-option-code>
  <dhcp-option-name>
    dhcp-option-name
  </dhcp-option-name>
  <dhcp-option-type>
    dhcp-option-type
  </dhcp-option-type>
  <dhcp-option-value>
    dhcp-option-value
  </dhcp-option-value>
</dhcp-option>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-option-table>
  <dhcp-option>
    <dhcp-option-code>
      dhcp-option-code
    </dhcp-option-code>
    <dhcp-option-name>
      dhcp-option-name
    </dhcp-option-name>
    <dhcp-option-type>
      dhcp-option-type
    </dhcp-option-type>
    <dhcp-option-value>
      dhcp-option-value
    </dhcp-option-value>
  </dhcp-option>
</dhcp-option-table>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```
<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-option-table>
      <dhcp-option>
        <dhcp-option-code>
```

```

    dhcp-option-code
  </dhcp-option-code>
  <dhcp-option-name>
    dhcp-option-name
  </dhcp-option-name>
  <dhcp-option-type>
    dhcp-option-type
  </dhcp-option-type>
  <dhcp-option-value>
    dhcp-option-value
  </dhcp-option-value>
</dhcp-option>
</dhcp-option-table>
</dhcp-binding>
</dhcp-binding-information>

```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```

<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-option-table>
      <dhcp-option>
        <dhcp-option-code>
          dhcp-option-code
        </dhcp-option-code>
        <dhcp-option-name>
          dhcp-option-name
        </dhcp-option-name>
        <dhcp-option-type>
          dhcp-option-type
        </dhcp-option-type>
        <dhcp-option-value>
          dhcp-option-value
        </dhcp-option-value>
      </dhcp-option>
    </dhcp-option-table>
  </dhcp-pool>
</dhcp-pool-information>

```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option>

Usage

```

<dhcp-global-information>
  <dhcp-option-table>
    <dhcp-option>

```

```
<dhcp-option-code>
  dhcp-option-code
</dhcp-option-code>
<dhcp-option-name>
  dhcp-option-name
</dhcp-option-name>
<dhcp-option-type>
  dhcp-option-type
</dhcp-option-type>
<dhcp-option-value>
  dhcp-option-value
</dhcp-option-value>
</dhcp-option>
</dhcp-option-table>
</dhcp-global-information>
```

Description Information about a Dynamic Host Configuration Protocol option that is associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-option-table>
  <dhcp-option>....</dhcp-option>
</dhcp-option-table>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-binding-information>
  <dhcp-binding>
    <dhcp-option-table>
      <dhcp-option>....</dhcp-option>
    </dhcp-option-table>
  </dhcp-binding>
</dhcp-binding-information>
```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```
<dhcp-pool-information>
  <dhcp-pool>
    <dhcp-option-table>
      <dhcp-option>....</dhcp-option>
    </dhcp-option-table>
```

```

    </dhcp-pool>
  </dhcp-pool-information>

```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-option-table>

Usage

```

    <dhcp-global-information>
      <dhcp-option-table>
        <dhcp-option>....</dhcp-option>
      </dhcp-option-table>
    </dhcp-global-information>

```

Description Information about one or more Dynamic Host Configuration Protocol options that are associated with the address assignment

<dhcp-pool>

Usage

```

    <dhcp-pool-information>
      <dhcp-pool>
        <address-pool-name>
          address-pool-name
        </address-pool-name>
        <address-pool-low-address>
          address-pool-low-address
        </address-pool-low-address>
        <address-pool-high-address>
          address-pool-high-address
        </address-pool-high-address>
        <address-pool-excluded-address>
          address-pool-excluded-address
        </address-pool-excluded-address>
        <dhcp-lease-time-information>....</dhcp-lease-time-information>
        <dhcp-option-table>....</dhcp-option-table>
        <address-count>
          address-count
        </address-count>
        <assigned-lease-count>
          assigned-lease-count
        </assigned-lease-count>
        <active-lease-count>
          active-lease-count
        </active-lease-count>
        <offered-lease-count>
          offered-lease-count
        </offered-lease-count>
        <expired-lease-count>
          expired-lease-count
        </expired-lease-count>
      </dhcp-pool>
    </dhcp-pool-information>

```

```
<conflict-count>
  conflict-count
</conflict-count>
<exclusion-count>
  exclusion-count
</exclusion-count>
</dhcp-pool>
</dhcp-pool-information>
```

Description Information about a Dynamic Host Configuration Protocol address pool

<dhcp-pool-information>

Usage

```
<dhcp-pool-information>
<dhcp-pool>....</dhcp-pool>
</dhcp-pool-information>
```

Description Information about one or more Dynamic Host Configuration Protocol address pools

<dhcp-statistics-information>

Usage

```
<dhcp-statistics-information>
<dropped-packet-total>
  dropped-packet-total
</dropped-packet-total>
<dropped-packet-bad-hardware>
  dropped-packet-bad-hardware
</dropped-packet-bad-hardware>
<dropped-packet-bad-opcode>
  dropped-packet-bad-opcode
</dropped-packet-bad-opcode>
<dropped-packet-bad-options>
  dropped-packet-bad-options
</dropped-packet-bad-options>
<dropped-packet-invalid-server-address>
  dropped-packet-invalid-server-address
</dropped-packet-invalid-server-address>
<dropped-packet-no-addresses>
  dropped-packet-no-addresses
</dropped-packet-no-addresses>
<dropped-packet-no-interface>
  dropped-packet-no-interface
</dropped-packet-no-interface>
<dropped-packet-no-routing-instance>
  dropped-packet-no-routing-instance
</dropped-packet-no-routing-instance>
<dropped-packet-no-local-address>
  dropped-packet-no-local-address
</dropped-packet-no-local-address>
<dropped-packet-too-short>
  dropped-packet-too-short
```



```

</dropped-packet-too-short>
<dropped-packet-read-error>
  dropped-packet-read-error
</dropped-packet-read-error>
<dropped-packet-send-error>
  dropped-packet-send-error
</dropped-packet-send-error>
<message-table>....</message-table>
</dhcp-statistics-information>

```

Description Statistics from the Dynamic Host Configuration Protocol relay process

<helper-statistics>

Usage

```

<helper-statistics>
  <relay-information>....</relay-information>
</helper-statistics>

```

Description Port forwarding helper statistics

<message>

Usage

```

<dhcp-statistics-information>
  <message-table>
    <message>
      <message-name>
        message-name
      </message-name>
      <message-count>
        message-count
      </message-count>
    </message>
  </message-table>
</dhcp-statistics-information>

```

Description Information about a DHCP or BOOTP message

<message-table>

Usage

```

<dhcp-statistics-information>
  <message-table>
    <message-direction>
      message-direction
    </message-direction>
    <message>....</message>
  </message-table>
</dhcp-statistics-information>

```

Description Information about one or more DHCP or bootstrap protocol (BOOTP) messages sent or received by the DHCP relay process

<relay-information>

Usage

```
<helper-statistics>
  <relay-information>
    <bootp-received-packets>
      bootp-received-packets
    </bootp-received-packets>
    <bootp-forwarded-packets>
      bootp-forwarded-packets
    </bootp-forwarded-packets>
    <bootp-dropped-packets>
      bootp-dropped-packets
    </bootp-dropped-packets>
    <bootp-dropped-packets-nointerface>
      bootp-dropped-packets-nointerface
    </bootp-dropped-packets-nointerface>
    <bootp-dropped-packets-nortinst>
      bootp-dropped-packets-nortinst
    </bootp-dropped-packets-nortinst>
    <bootp-dropped-packets-badread>
      bootp-dropped-packets-badread
    </bootp-dropped-packets-badread>
    <bootp-dropped-packets-badsend>
      bootp-dropped-packets-badsend
    </bootp-dropped-packets-badsend>
    <bootp-dropped-packets-badaddr>
      bootp-dropped-packets-badaddr
    </bootp-dropped-packets-badaddr>
    <bootp-dropped-packets-nolocaladdr>
      bootp-dropped-packets-nolocaladdr
    </bootp-dropped-packets-nolocaladdr>
    <bootp-dropped-packets-noroute>
      bootp-dropped-packets-noroute
    </bootp-dropped-packets-noroute>
  </relay-information>
</helper-statistics>
```

Description Port forwarding helper statistics for a DHCP relay service

Summary of Multicast and IGMP Snooping Response Tags

<backup-pes>

Usage

```
<multicast-backup-pe-groups-information>
  <multicast-backup-pe-groups>
    <multicast-backup-pe-group>
      <backup-pes>
        <multicast-backup-pe-address>
```

```

        multicast-backup-pe-address
      </multicast-backup-pe-address>
    </backup-pes>
  </multicast-backup-pe-group>
</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>

```

Description Backup PE addresses

<host-record>

Usage

```

<mgm-interface-groups>
  <mgm-group>
    <host-record>
      <record-type>
        record-type
      </record-type>
      <receiver>
        receiver
      </receiver>
      <record-timeout>
        record-timeout
      </record-timeout>
    </host-record>
  </mgm-group>
</mgm-interface-groups>

```

Description

<host-record>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
        <receiver>
          receiver
        </receiver>
        <record-timeout>
          record-timeout
        </record-timeout>
      </host-record>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

Description

<host-record>

Usage

```
<mld-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
        <receiver>
          receiver
        </receiver>
        <record-timeout>
          record-timeout
        </record-timeout>
      </host-record>
    </mgm-group>
  </mgm-interface-groups>
</mld-group-information>
```

Description

<host-record>

Usage

```
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <host-record>
        <record-type>
          record-type
        </record-type>
        <receiver>
          receiver
        </receiver>
        <record-timeout>
          record-timeout
        </record-timeout>
      </host-record>
    </mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
```

Description

<host-record>

Usage

```
<igmp-snooping-group-information-per-bridge-domain>
  <igmp-snooping-group-information-per-learning-domain>
    <mgm-interface-groups>
      <mgm-group>
        <host-record>
```

```

    <record-type>
      record-type
    </record-type>
    <receiver>
      receiver
    </receiver>
    <record-timeout>
      record-timeout
    </record-timeout>
  </host-record>
</mgm-group>
</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>

```

Description**<host-record>****Usage**

```

<igmp-snooping-group-information-per-instance>
  <igmp-snooping-group-information-per-bridge-domain>
    <igmp-snooping-group-information-per-learning-domain>
      <mgm-interface-groups>
        <mgm-group>
          <host-record>
            <record-type>
              record-type
            </record-type>
            <receiver>
              receiver
            </receiver>
            <record-timeout>
              record-timeout
            </record-timeout>
          </host-record>
        </mgm-group>
      </mgm-interface-groups>
    </igmp-snooping-group-information-per-learning-domain>
  </igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>

```

Description**<host-record>****Usage**

```

<igmp-snooping-group-information-root>
  <igmp-snooping-group-information-per-instance>
    <igmp-snooping-group-information-per-bridge-domain>
      <igmp-snooping-group-information-per-learning-domain>
        <mgm-interface-groups>
          <mgm-group>
            <host-record>

```

```
<record-type>
  record-type
</record-type>
<receiver>
  receiver
</receiver>
<record-timeout>
  record-timeout
</record-timeout>
</host-record>
</mgm-group>
</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<iflist-next-hop>

Usage

```
<multicast-next-hops-information>
  <next-hops-family>
    <iflist-next-hop>
      <next-hop-id>
        next-hop-id
      </next-hop-id>
      <next-hop-ref-count>
        next-hop-ref-count
      </next-hop-ref-count>
      <next-hop-kernel-ref-count>
        next-hop-kernel-ref-count
      </next-hop-kernel-ref-count>
      <next-hop-downstream-interface>....</next-hop-downstream-interface>
    </iflist-next-hop>
  </next-hops-family>
</multicast-next-hops-information>
```

Description

<igmp-group-information>

Usage

```
<igmp-group-information>
  <mgm-interface-groups>....</mgm-interface-groups>
</igmp-group-information>
```

Description

<igmp-hosts-information>

Usage

```
<igmp-hosts-information>
```

```

<mgm-disabled-interface-name>
  mgm-disabled-interface-name
</mgm-disabled-interface-name>
<mgm-interface>....</mgm-interface>
</igmp-hosts-information>

```

Description

<igmp-interface-information>

Usage

```

<igmp-interface-information>
  <mgm-interface>....</mgm-interface>
  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
  <mgm-amt-configured-parameters>....</mgm-amt-configured-parameters>
  <mgm-amt-derived-parameters>....</mgm-amt-derived-parameters>
</igmp-interface-information>

```

Description

<igmp-output-group-information>

Usage

```

<igmp-output-group-information>
  <mgm-interface-output-groups>....</mgm-interface-output-groups>
</igmp-output-group-information>

```

Description

<igmp-snooping-group-information-per-bridge-domain>

Usage

```

<igmp-snooping-group-information-per-bridge-domain>
  <bridge-domain>
    bridge-domain
  </bridge-domain>

  <igmp-snooping-group-information-per-learning-domain>...</igmp-snooping-group-information-per-learning-domain>

</igmp-snooping-group-information-per-bridge-domain>

```

Description

<igmp-snooping-group-information-per-bridge-domain>

Usage

```

<igmp-snooping-group-information-per-instance>
  <igmp-snooping-group-information-per-bridge-domain>
    <bridge-domain>
      bridge-domain
    </bridge-domain>
  </igmp-snooping-group-information-per-bridge-domain>

```

```
<igmp-snooping-group-information-per-learning-domain>_</igmp-snooping-group-information-per-learning-domain>

    </igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
```

Description

<igmp-snooping-group-information-per-bridge-domain>

Usage

```
<igmp-snooping-group-information-root>
  <igmp-snooping-group-information-per-instance>
    <igmp-snooping-group-information-per-bridge-domain>
      <bridge-domain>
        bridge-domain
      </bridge-domain>

    <igmp-snooping-group-information-per-learning-domain>_</igmp-snooping-group-information-per-learning-domain>

    </igmp-snooping-group-information-per-bridge-domain>
  </igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<igmp-snooping-group-information-per-instance>

Usage

```
<igmp-snooping-group-information-per-instance>
  <instance-name>
    instance-name
  </instance-name>
  <mgm-disabled-learning-domain>
    mgm-disabled-learning-domain
  </mgm-disabled-learning-domain>

<igmp-snooping-group-information-per-bridge-domain>_</igmp-snooping-group-information-per-bridge-domain>

</igmp-snooping-group-information-per-instance>
```

Description

<igmp-snooping-group-information-per-instance>

Usage

```
<igmp-snooping-group-information-root>
  <igmp-snooping-group-information-per-instance>
    <instance-name>
      instance-name
    </instance-name>
    <mgm-disabled-learning-domain>
      mgm-disabled-learning-domain
    </mgm-disabled-learning-domain>
```



```

<igmp-snooping-group-information-per-bridge-domain>...</igmp-snooping-group-information-per-bridge-domain>

    </igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>

```

Description

<igmp-snooping-group-information-per-learning-domain>

Usage

```

<igmp-snooping-group-information-per-learning-domain>
  <learning-domain>
    learning-domain
  </learning-domain>
  <mgm-interface-groups>....</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>

```

Description

<igmp-snooping-group-information-per-learning-domain>

Usage

```

<igmp-snooping-group-information-per-bridge-domain>
  <igmp-snooping-group-information-per-learning-domain>
    <learning-domain>
      learning-domain
    </learning-domain>
    <mgm-interface-groups>....</mgm-interface-groups>
  </igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>

```

Description

<igmp-snooping-group-information-per-learning-domain>

Usage

```

<igmp-snooping-group-information-per-instance>
  <igmp-snooping-group-information-per-bridge-domain>
    <igmp-snooping-group-information-per-learning-domain>
      <learning-domain>
        learning-domain
      </learning-domain>
      <mgm-interface-groups>....</mgm-interface-groups>
    </igmp-snooping-group-information-per-learning-domain>
  </igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>

```

Description

<igmp-snooping-group-information-per-learning-domain>

Usage

```

<igmp-snooping-group-information-root>

```

```
<igmp-snooping-group-information-per-instance>
  <igmp-snooping-group-information-per-bridge-domain>
    <igmp-snooping-group-information-per-learning-domain>
      <learning-domain>
        learning-domain
      </learning-domain>
    <mgm-interface-groups>....</mgm-interface-groups>
  </igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<igmp-snooping-group-information-root>

Usage

```
<igmp-snooping-group-information-root>

<igmp-snooping-group-information-per-instance>...</igmp-snooping-group-information-per-instance>

</igmp-snooping-group-information-root>
```

Description

<igmp-snooping-host-information-per-bridge-domain>

Usage

```
<igmp-snooping-host-information-per-bridge-domain>
  <bridge-domain>
    bridge-domain
  </bridge-domain>

<igmp-snooping-host-information-per-learning-domain>...</igmp-snooping-host-information-per-learning-domain>

</igmp-snooping-host-information-per-bridge-domain>
```

Description

<igmp-snooping-host-information-per-bridge-domain>

Usage

```
<igmp-snooping-host-information-per-instance>
  <igmp-snooping-host-information-per-bridge-domain>
    <bridge-domain>
      bridge-domain
    </bridge-domain>

<igmp-snooping-host-information-per-learning-domain>...</igmp-snooping-host-information-per-learning-domain>

  </igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
```

Description

<igmp-snooping-host-information-per-bridge-domain>

Usage

```

<igmp-snooping-host-information-root>
  <igmp-snooping-host-information-per-instance>
    <igmp-snooping-host-information-per-bridge-domain>
      <bridge-domain>
        bridge-domain
      </bridge-domain>

    <igmp-snooping-host-information-per-learning-domain>_</igmp-snooping-host-information-per-learning-domain>

  </igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
</igmp-snooping-host-information-root>

```

Description

<igmp-snooping-host-information-per-instance>

Usage

```

<igmp-snooping-host-information-per-instance>
  <instance-name>
    instance-name
  </instance-name>
  <mgm-disabled-learning-domain>
    mgm-disabled-learning-domain
  </mgm-disabled-learning-domain>

<igmp-snooping-host-information-per-bridge-domain>_</igmp-snooping-host-information-per-bridge-domain>

</igmp-snooping-host-information-per-instance>

```

Description

<igmp-snooping-host-information-per-instance>

Usage

```

<igmp-snooping-host-information-root>
  <igmp-snooping-host-information-per-instance>
    <instance-name>
      instance-name
    </instance-name>
    <mgm-disabled-learning-domain>
      mgm-disabled-learning-domain
    </mgm-disabled-learning-domain>

  <igmp-snooping-host-information-per-bridge-domain>_</igmp-snooping-host-information-per-bridge-domain>

  </igmp-snooping-host-information-per-instance>
</igmp-snooping-host-information-root>

```

Description**<igmp-snooping-host-information-per-learning-domain>****Usage**

```
<igmp-snooping-host-information-per-learning-domain>
  <learning-domain>
    learning-domain
  </learning-domain>
  <mgm-interface>....</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
```

Description**<igmp-snooping-host-information-per-learning-domain>****Usage**

```
<igmp-snooping-host-information-per-bridge-domain>
  <igmp-snooping-host-information-per-learning-domain>
    <learning-domain>
      learning-domain
    </learning-domain>
    <mgm-interface>....</mgm-interface>
  </igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
```

Description**<igmp-snooping-host-information-per-learning-domain>****Usage**

```
<igmp-snooping-host-information-per-instance>
  <igmp-snooping-host-information-per-bridge-domain>
    <igmp-snooping-host-information-per-learning-domain>
      <learning-domain>
        learning-domain
      </learning-domain>
      <mgm-interface>....</mgm-interface>
    </igmp-snooping-host-information-per-learning-domain>
  </igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
```

Description**<igmp-snooping-host-information-per-learning-domain>****Usage**

```
<igmp-snooping-host-information-root>
  <igmp-snooping-host-information-per-instance>
    <igmp-snooping-host-information-per-bridge-domain>
      <igmp-snooping-host-information-per-learning-domain>
        <learning-domain>
          learning-domain
        </learning-domain>
      </igmp-snooping-host-information-per-learning-domain>
    </igmp-snooping-host-information-per-bridge-domain>
  </igmp-snooping-host-information-per-instance>
```

```

    <mgm-interface>....</mgm-interface>
  </igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
</igmp-snooping-host-information-root>

```

Description

<igmp-snooping-host-information-root>

Usage

```

<igmp-snooping-host-information-root>

<igmp-snooping-host-information-per-instance>....</igmp-snooping-host-information-per-instance>

</igmp-snooping-host-information-root>

```

Description

<igmp-snooping-interface-information-per-bridge-domain>

Usage

```

<igmp-snooping-interface-information-per-bridge-domain>
  <bridge-domain>
    bridge-domain
  </bridge-domain>

<igmp-snooping-interface-information-per-learning-domain>....</igmp-snooping-interface-information-per-learning-domain>

  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
</igmp-snooping-interface-information-per-bridge-domain>

```

Description

<igmp-snooping-interface-information-per-bridge-domain>

Usage

```

<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <bridge-domain>
      bridge-domain
    </bridge-domain>

<igmp-snooping-interface-information-per-learning-domain>....</igmp-snooping-interface-information-per-learning-domain>

  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>

```

Description

<igmp-snooping-interface-information-per-bridge-domain>

Usage

```
<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <igmp-snooping-interface-information-per-bridge-domain>
      <bridge-domain>
        bridge-domain
      </bridge-domain>

<igmp-snooping-interface-information-per-learning-domain></igmp-snooping-interface-information-per-learning-domain>

      <mgm-configured-parameters>....</mgm-configured-parameters>
      <mgm-derived-parameters>....</mgm-derived-parameters>
    </igmp-snooping-interface-information-per-bridge-domain>
  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<igmp-snooping-interface-information-per-instance>

Usage

```
<igmp-snooping-interface-information-per-instance>
  <instance-name>
    instance-name
  </instance-name>
  <mgm-disabled-learning-domain>
    mgm-disabled-learning-domain
  </mgm-disabled-learning-domain>

<igmp-snooping-interface-information-per-bridge-domain></igmp-snooping-interface-information-per-bridge-domain>

</igmp-snooping-interface-information-per-instance>
```

Description

<igmp-snooping-interface-information-per-instance>

Usage

```
<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <instance-name>
      instance-name
    </instance-name>
    <mgm-disabled-learning-domain>
      mgm-disabled-learning-domain
    </mgm-disabled-learning-domain>

<igmp-snooping-interface-information-per-bridge-domain></igmp-snooping-interface-information-per-bridge-domain>

  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<igmp-snooping-interface-information-per-learning-domain>

Usage

```
<igmp-snooping-interface-information-per-learning-domain>
  <learning-domain>
    learning-domain
  </learning-domain>
  <mgm-snooping-interface>....</mgm-snooping-interface>
  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
</igmp-snooping-interface-information-per-learning-domain>
```

Description

<igmp-snooping-interface-information-per-learning-domain>

Usage

```
<igmp-snooping-interface-information-per-bridge-domain>
  <igmp-snooping-interface-information-per-learning-domain>
    <learning-domain>
      learning-domain
    </learning-domain>
    <mgm-snooping-interface>....</mgm-snooping-interface>
    <mgm-configured-parameters>....</mgm-configured-parameters>
    <mgm-derived-parameters>....</mgm-derived-parameters>
  </igmp-snooping-interface-information-per-learning-domain>
</igmp-snooping-interface-information-per-bridge-domain>
```

Description

<igmp-snooping-interface-information-per-learning-domain>

Usage

```
<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <igmp-snooping-interface-information-per-learning-domain>
      <learning-domain>
        learning-domain
      </learning-domain>
      <mgm-snooping-interface>....</mgm-snooping-interface>
      <mgm-configured-parameters>....</mgm-configured-parameters>
      <mgm-derived-parameters>....</mgm-derived-parameters>
    </igmp-snooping-interface-information-per-learning-domain>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>
```

Description

<igmp-snooping-interface-information-per-learning-domain>

Usage

```
<igmp-snooping-interface-information-root>
```

```
<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <igmp-snooping-interface-information-per-learning-domain>
      <learning-domain>
        learning-domain
      </learning-domain>
    </igmp-snooping-interface-information-per-learning-domain>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<igmp-snooping-interface-information-root>

Usage

```
<igmp-snooping-interface-information-root>

<igmp-snooping-interface-information-per-instance>...</igmp-snooping-interface-information-per-instance>

</igmp-snooping-interface-information-root>
```

Description

<igmp-statistics-information>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>....</mgm-statistics-interface>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistics-all>....</mgm-statistics-all>
</igmp-statistics-information>
```

Description

<mc-stats-interface>

Usage

```
<multicast-statistics-information>
  <multicast-statistics>
    <mc-stats-interface>
      <interface-name>
        interface-name
      </interface-name>
      <protocol-name>
        protocol-name
      </protocol-name>
      <mc-mismatch-errors>
        mc-mismatch-errors
      </mc-mismatch-errors>
```



```

<mc-mismatches>
  mc-mismatches
</mc-mismatches>
<mc-mismatches-no-route>
  mc-mismatches-no-route
</mc-mismatches-no-route>
<mc-resolves>
  mc-resolves
</mc-resolves>
<mc-routing-notifies>
  mc-routing-notifies
</mc-routing-notifies>
<mc-resolves-no-route>
  mc-resolves-no-route
</mc-resolves-no-route>
<mc-resolve-errors>
  mc-resolve-errors
</mc-resolve-errors>
<mc-resolves-filtered>
  mc-resolves-filtered
</mc-resolves-filtered>
<mc-routing-notifies-filtered>
  mc-routing-notifies-filtered
</mc-routing-notifies-filtered>
<mc-input-kbytes>
  mc-input-kbytes
</mc-input-kbytes>
<mc-input-packets>
  mc-input-packets
</mc-input-packets>
<mc-output-kbytes>
  mc-output-kbytes
</mc-output-kbytes>
<mc-output-packets>
  mc-output-packets
</mc-output-packets>
</mc-stats-interface>
</multicast-statistics>
</multicast-statistics-information>

```

Description

<mgm-amt-configured-parameters>

Usage

```

<mgm-amt-configured-parameters>
  <query-interval>
    query-interval
  </query-interval>
  <query-response-interval>
    query-response-interval
  </query-response-interval>
  <last-member-query-interval>
    last-member-query-interval
  </last-member-query-interval>

```

```
<robustness-count>
  robustness-count
</robustness-count>
</mgm-amt-configured-parameters>
```

Description

<mgm-amt-configured-parameters>

Usage

```
<igmp-interface-information>
  <mgm-amt-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-amt-configured-parameters>
</igmp-interface-information>
```

Description

<mgm-amt-derived-parameters>

Usage

```
<mgm-amt-derived-parameters>
  <membership-timeout>
    membership-timeout
  </membership-timeout>
  <query-other-timeout>
    query-other-timeout
  </query-other-timeout>
</mgm-amt-derived-parameters>
```

Description

<mgm-amt-derived-parameters>

Usage

```
<igmp-interface-information>
  <mgm-amt-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
```

```

    </mgm-amt-derived-parameters>
</igmp-interface-information>

```

Description

<mgm-configured-parameters>

Usage

```

<mgm-configured-parameters>
  <query-interval>
    query-interval
  </query-interval>
  <query-response-interval>
    query-response-interval
  </query-response-interval>
  <last-member-query-interval>
    last-member-query-interval
  </last-member-query-interval>
  <robustness-count>
    robustness-count
  </robustness-count>
</mgm-configured-parameters>

```

Description

<mgm-configured-parameters>

Usage

```

<igmp-interface-information>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-configured-parameters>
</igmp-interface-information>

```

Description

<mgm-configured-parameters>

Usage

```

<mld-interface-information>
  <mgm-configured-parameters>
    <query-interval>
      query-interval

```

```
</query-interval>
<query-response-interval>
  query-response-interval
</query-response-interval>
<last-member-query-interval>
  last-member-query-interval
</last-member-query-interval>
<robustness-count>
  robustness-count
</robustness-count>
</mgm-configured-parameters>
</mld-interface-information>
```

Description

<mgm-configured-parameters>

Usage

```
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-configured-parameters>
</igmp-snooping-interface-information-per-learning-domain>
```

Description

<mgm-configured-parameters>

Usage

```
<igmp-snooping-interface-information-per-bridge-domain>
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
```

```

    </robustness-count>
  </mgm-configured-parameters>
</igmp-snooping-interface-information-per-learning-domain>
</igmp-snooping-interface-information-per-bridge-domain>

```

Description

<mgm-configured-parameters>

Usage

```

<igmp-snooping-interface-information-per-bridge-domain>
  <mgm-configured-parameters>
    <query-interval>
      query-interval
    </query-interval>
    <query-response-interval>
      query-response-interval
    </query-response-interval>
    <last-member-query-interval>
      last-member-query-interval
    </last-member-query-interval>
    <robustness-count>
      robustness-count
    </robustness-count>
  </mgm-configured-parameters>
</igmp-snooping-interface-information-per-bridge-domain>

```

Description

<mgm-configured-parameters>

Usage

```

<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <igmp-snooping-interface-information-per-learning-domain>
      <mgm-configured-parameters>
        <query-interval>
          query-interval
        </query-interval>
        <query-response-interval>
          query-response-interval
        </query-response-interval>
        <last-member-query-interval>
          last-member-query-interval
        </last-member-query-interval>
        <robustness-count>
          robustness-count
        </robustness-count>
      </mgm-configured-parameters>
    </igmp-snooping-interface-information-per-learning-domain>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>

```

Description

<mgm-configured-parameters>

Usage

```
<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <mgm-configured-parameters>
      <query-interval>
        query-interval
      </query-interval>
      <query-response-interval>
        query-response-interval
      </query-response-interval>
      <last-member-query-interval>
        last-member-query-interval
      </last-member-query-interval>
      <robustness-count>
        robustness-count
      </robustness-count>
    </mgm-configured-parameters>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>
```

Description

<mgm-configured-parameters>

Usage

```
<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <igmp-snooping-interface-information-per-bridge-domain>
      <igmp-snooping-interface-information-per-learning-domain>
        <mgm-configured-parameters>
          <query-interval>
            query-interval
          </query-interval>
          <query-response-interval>
            query-response-interval
          </query-response-interval>
          <last-member-query-interval>
            last-member-query-interval
          </last-member-query-interval>
          <robustness-count>
            robustness-count
          </robustness-count>
        </mgm-configured-parameters>
      </igmp-snooping-interface-information-per-learning-domain>
    </igmp-snooping-interface-information-per-bridge-domain>
  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<mgm-configured-parameters>

Usage

```

<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <igmp-snooping-interface-information-per-bridge-domain>
      <mgm-configured-parameters>
        <query-interval>
          query-interval
        </query-interval>
        <query-response-interval>
          query-response-interval
        </query-response-interval>
        <last-member-query-interval>
          last-member-query-interval
        </last-member-query-interval>
        <robustness-count>
          robustness-count
        </robustness-count>
      </mgm-configured-parameters>
    </igmp-snooping-interface-information-per-bridge-domain>
  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>

```

Description

<mgm-derived-parameters>

Usage

```

<mgm-derived-parameters>
  <membership-timeout>
    membership-timeout
  </membership-timeout>
  <query-other-timeout>
    query-other-timeout
  </query-other-timeout>
</mgm-derived-parameters>

```

Description

<mgm-derived-parameters>

Usage

```

<igmp-interface-information>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</igmp-interface-information>

```

Description**<mgm-derived-parameters>****Usage**

```
<mld-interface-information>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</mld-interface-information>
```

Description**<mgm-derived-parameters>****Usage**

```
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</igmp-snooping-interface-information-per-learning-domain>
```

Description**<mgm-derived-parameters>****Usage**

```
<igmp-snooping-interface-information-per-bridge-domain>
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</igmp-snooping-interface-information-per-learning-domain>
</igmp-snooping-interface-information-per-bridge-domain>
```

Description

<mgm-derived-parameters>**Usage**

```

<igmp-snooping-interface-information-per-bridge-domain>
  <mgm-derived-parameters>
    <membership-timeout>
      membership-timeout
    </membership-timeout>
    <query-other-timeout>
      query-other-timeout
    </query-other-timeout>
  </mgm-derived-parameters>
</igmp-snooping-interface-information-per-bridge-domain>

```

Description**<mgm-derived-parameters>****Usage**

```

<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <igmp-snooping-interface-information-per-learning-domain>
      <mgm-derived-parameters>
        <membership-timeout>
          membership-timeout
        </membership-timeout>
        <query-other-timeout>
          query-other-timeout
        </query-other-timeout>
      </mgm-derived-parameters>
    </igmp-snooping-interface-information-per-learning-domain>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>

```

Description**<mgm-derived-parameters>****Usage**

```

<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <mgm-derived-parameters>
      <membership-timeout>
        membership-timeout
      </membership-timeout>
      <query-other-timeout>
        query-other-timeout
      </query-other-timeout>
    </mgm-derived-parameters>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>

```

Description

<mgm-derived-parameters>

Usage

```
<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <igmp-snooping-interface-information-per-bridge-domain>
      <igmp-snooping-interface-information-per-learning-domain>
        <mgm-derived-parameters>
          <membership-timeout>
            membership-timeout
          </membership-timeout>
          <query-other-timeout>
            query-other-timeout
          </query-other-timeout>
        </mgm-derived-parameters>
      </igmp-snooping-interface-information-per-learning-domain>
    </igmp-snooping-interface-information-per-bridge-domain>
  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<mgm-derived-parameters>

Usage

```
<igmp-snooping-interface-information-root>
  <igmp-snooping-interface-information-per-instance>
    <igmp-snooping-interface-information-per-bridge-domain>
      <mgm-derived-parameters>
        <membership-timeout>
          membership-timeout
        </membership-timeout>
        <query-other-timeout>
          query-other-timeout
        </query-other-timeout>
      </mgm-derived-parameters>
    </igmp-snooping-interface-information-per-bridge-domain>
  </igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<mgm-group>

Usage

```
<mgm-interface-groups>
  <mgm-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-source-timeout>
```

```

    mgm-source-timeout
  </mgm-source-timeout>
  <last-address>
    last-address
  </last-address>
  <mgm-timeout>
    mgm-timeout
  </mgm-timeout>
  <mgm-type>
    mgm-type
  </mgm-type>
  <mgm-group-mode-type>
    mgm-group-mode-type
  </mgm-group-mode-type>
  <host-record>....</host-record>
  <reverse-oif>....</reverse-oif>
  <mgm-group-output-interface>
    mgm-group-output-interface
  </mgm-group-output-interface>
  <mgm-output-interface-status>
    mgm-output-interface-status
  </mgm-output-interface-status>
</mgm-group>
</mgm-interface-groups>

```

Description

<mgm-group>

Usage

```

<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>
        mgm-source-timeout
      </mgm-source-timeout>
      <last-address>
        last-address
      </last-address>
      <mgm-timeout>
        mgm-timeout
      </mgm-timeout>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <host-record>....</host-record>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>

```

```
<reverse-oif>....</reverse-oif>
<mgm-group-output-interface>
  mgm-group-output-interface
</mgm-group-output-interface>
<mgm-output-interface-status>
  mgm-output-interface-status
</mgm-output-interface-status>
</mgm-group>
</mgm-interface-groups>
</igmp-group-information>
```

Description

<mgm-group>

Usage

```
<mld-group-information>
<mgm-interface-groups>
  <mgm-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-source-timeout>
      mgm-source-timeout
    </mgm-source-timeout>
    <last-address>
      last-address
    </last-address>
    <mgm-timeout>
      mgm-timeout
    </mgm-timeout>
    <mgm-type>
      mgm-type
    </mgm-type>
    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <host-record>....</host-record>
    <reverse-oif>....</reverse-oif>
    <mgm-group-output-interface>
      mgm-group-output-interface
    </mgm-group-output-interface>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
  </mgm-group>
</mgm-interface-groups>
</mld-group-information>
```

Description

<mgm-group>

Usage

```

<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>
        mgm-source-timeout
      </mgm-source-timeout>
      <last-address>
        last-address
      </last-address>
      <mgm-timeout>
        mgm-timeout
      </mgm-timeout>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <host-record>....</host-record>
      <reverse-oif>....</reverse-oif>
      <mgm-group-output-interface>
        mgm-group-output-interface
      </mgm-group-output-interface>
      <mgm-output-interface-status>
        mgm-output-interface-status
      </mgm-output-interface-status>
    </mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>

```

Description

<mgm-group>

Usage

```

<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>

```

```

    mgm-source-timeout
  </mgm-source-timeout>
  <last-address>
    last-address
  </last-address>
  <mgm-timeout>
    mgm-timeout
  </mgm-timeout>
  <mgm-type>
    mgm-type
  </mgm-type>
  <mgm-group-mode-type>
    mgm-group-mode-type
  </mgm-group-mode-type>
  <host-record>....</host-record>
  <reverse-oif>....</reverse-oif>
  <mgm-group-output-interface>
    mgm-group-output-interface
  </mgm-group-output-interface>
  <mgm-output-interface-status>
    mgm-output-interface-status
  </mgm-output-interface-status>
</mgm-group>
</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>

```

Description

<mgm-group>

Usage

```

<igmp-snooping-group-information-per-instance>
<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>
        mgm-source-timeout
      </mgm-source-timeout>
      <last-address>
        last-address
      </last-address>
      <mgm-timeout>
        mgm-timeout
      </mgm-timeout>
      <mgm-type>
        mgm-type
      </mgm-type>
    </mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>

```

```

    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <host-record>....</host-record>
    <reverse-oif>....</reverse-oif>
    <mgm-group-output-interface>
      mgm-group-output-interface
    </mgm-group-output-interface>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
  </mgm-group>
</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>

```

Description

<mgm-group>

Usage

```

<igmp-snooping-group-information-root>
<igmp-snooping-group-information-per-instance>
<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-source-timeout>
        mgm-source-timeout
      </mgm-source-timeout>
      <last-address>
        last-address
      </last-address>
      <mgm-timeout>
        mgm-timeout
      </mgm-timeout>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <host-record>....</host-record>
      <reverse-oif>....</reverse-oif>
      <mgm-group-output-interface>
        mgm-group-output-interface
      </mgm-group-output-interface>
      <mgm-output-interface-status>

```

```
        mgm-output-interface-status
      </mgm-output-interface-status>
    </mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<mgm-host>

Usage

```
<mgm-interface>
  <mgm-host>
    <mgm-host-address>
      mgm-host-address
    </mgm-host-address>
    <mgm-host-record-count>
      mgm-host-record-count
    </mgm-host-record-count>
  </mgm-host>
</mgm-interface>
```

Description

<mgm-host>

Usage

```
<igmp-interface-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</igmp-interface-information>
```

Description

<mgm-host>

Usage

```
<mld-interface-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
```



```

    <mgm-host-record-count>
      mgm-host-record-count
    </mgm-host-record-count>
  </mgm-host>
</mgm-interface>
</mld-interface-information>

```

Description

<mgm-host>

Usage

```

<igmp-hosts-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</igmp-hosts-information>

```

Description

<mgm-host>

Usage

```

<mld-hosts-information>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>
      <mgm-host-record-count>
        mgm-host-record-count
      </mgm-host-record-count>
    </mgm-host>
  </mgm-interface>
</mld-hosts-information>

```

Description

<mgm-host>

Usage

```

<igmp-snooping-host-information-per-learning-domain>
  <mgm-interface>
    <mgm-host>
      <mgm-host-address>
        mgm-host-address
      </mgm-host-address>

```

```
<mgm-host-record-count>
  mgm-host-record-count
</mgm-host-record-count>
</mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
```

Description

<mgm-host>

Usage

```
<igmp-snooping-host-information-per-bridge-domain>
<igmp-snooping-host-information-per-learning-domain>
<mgm-interface>
  <mgm-host>
    <mgm-host-address>
      mgm-host-address
    </mgm-host-address>
    <mgm-host-record-count>
      mgm-host-record-count
    </mgm-host-record-count>
  </mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
```

Description

<mgm-host>

Usage

```
<igmp-snooping-host-information-per-instance>
<igmp-snooping-host-information-per-bridge-domain>
<igmp-snooping-host-information-per-learning-domain>
<mgm-interface>
  <mgm-host>
    <mgm-host-address>
      mgm-host-address
    </mgm-host-address>
    <mgm-host-record-count>
      mgm-host-record-count
    </mgm-host-record-count>
  </mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
```

Description

<mgm-host>

Usage

```

<igmp-snooping-host-information-root>
  <igmp-snooping-host-information-per-instance>
    <igmp-snooping-host-information-per-bridge-domain>
      <igmp-snooping-host-information-per-learning-domain>
        <mgm-interface>
          <mgm-host>
            <mgm-host-address>
              mgm-host-address
            </mgm-host-address>
            <mgm-host-record-count>
              mgm-host-record-count
            </mgm-host-record-count>
          </mgm-host>
        </mgm-interface>
      </igmp-snooping-host-information-per-learning-domain>
    </igmp-snooping-host-information-per-bridge-domain>
  </igmp-snooping-host-information-per-instance>
</igmp-snooping-host-information-root>

```

Description

<mgm-interface>

Usage

```

<mgm-interface>
  <interface-name>
    interface-name
  </interface-name>
  <querier-address>
    querier-address
  </querier-address>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version
  </mgm-interface-version>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-ssm-map>
    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>

```

```
<mgm-promiscuous-mode>
  mgm-promiscuous-mode
</mgm-promiscuous-mode>
<mgm-passive>
  mgm-passive
</mgm-passive>
<mgm-passive-allow-receive>
  mgm-passive-allow-receive
</mgm-passive-allow-receive>
<mgm-passive-send-general-query>
  mgm-passive-send-general-query
</mgm-passive-send-general-query>
<mgm-passive-send-group-query>
  mgm-passive-send-group-query
</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
```

Description

<mgm-interface>

Usage

```
<igmp-interface-information>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
```

```

<mgm-mc-lag-state>
  mgm-mc-lag-state
</mgm-mc-lag-state>
<mgm-immediate-leave>
  mgm-immediate-leave
</mgm-immediate-leave>
<mgm-promiscuous-mode>
  mgm-promiscuous-mode
</mgm-promiscuous-mode>
<mgm-passive>
  mgm-passive
</mgm-passive>
<mgm-passive-allow-receive>
  mgm-passive-allow-receive
</mgm-passive-allow-receive>
<mgm-passive-send-general-query>
  mgm-passive-send-general-query
</mgm-passive-send-general-query>
<mgm-passive-send-group-query>
  mgm-passive-send-group-query
</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</lgmp-interface-information>

```

Description

<mgm-interface>

Usage

```

<mld-interface-information>
<mgm-interface>
  <interface-name>
    interface-name
  </interface-name>
  <querier-address>
    querier-address
  </querier-address>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version

```

```
</mgm-interface-version>
<mgm-group-count>
  mgm-group-count
</mgm-group-count>
<mgm-ssm-map>
  mgm-ssm-map
</mgm-ssm-map>
<mgm-mc-lag-state>
  mgm-mc-lag-state
</mgm-mc-lag-state>
<mgm-immediate-leave>
  mgm-immediate-leave
</mgm-immediate-leave>
<mgm-promiscuous-mode>
  mgm-promiscuous-mode
</mgm-promiscuous-mode>
<mgm-passive>
  mgm-passive
</mgm-passive>
<mgm-passive-allow-receive>
  mgm-passive-allow-receive
</mgm-passive-allow-receive>
<mgm-passive-send-general-query>
  mgm-passive-send-general-query
</mgm-passive-send-general-query>
<mgm-passive-send-group-query>
  mgm-passive-send-group-query
</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</mld-interface-information>
```

Description

<mgm-interface>

Usage

```
<igmp-hosts-information>
<mgm-interface>
  <interface-name>
    interface-name
  </interface-name>
  <querier-address>
    querier-address
  </querier-address>
  <mgm-interface-state>
```

```

    mgm-interface-state
  </mgm-interface-state>
  <querier-timeout>
    querier-timeout
  </querier-timeout>
  <mgm-interface-version>
    mgm-interface-version
  </mgm-interface-version>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-ssm-map>
    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>
  <mgm-promiscuous-mode>
    mgm-promiscuous-mode
  </mgm-promiscuous-mode>
  <mgm-passive>
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-hosts-information>

```

Description**<mgm-interface>****Usage**

```

<mld-hosts-information>
  <mgm-interface>

```

```
<interface-name>
  interface-name
</interface-name>
<querier-address>
  querier-address
</querier-address>
<mgm-interface-state>
  mgm-interface-state
</mgm-interface-state>
<querier-timeout>
  querier-timeout
</querier-timeout>
<mgm-interface-version>
  mgm-interface-version
</mgm-interface-version>
<mgm-group-count>
  mgm-group-count
</mgm-group-count>
<mgm-ssm-map>
  mgm-ssm-map
</mgm-ssm-map>
<mgm-mc-lag-state>
  mgm-mc-lag-state
</mgm-mc-lag-state>
<mgm-immediate-leave>
  mgm-immediate-leave
</mgm-immediate-leave>
<mgm-promiscuous-mode>
  mgm-promiscuous-mode
</mgm-promiscuous-mode>
<mgm-passive>
  mgm-passive
</mgm-passive>
<mgm-passive-allow-receive>
  mgm-passive-allow-receive
</mgm-passive-allow-receive>
<mgm-passive-send-general-query>
  mgm-passive-send-general-query
</mgm-passive-send-general-query>
<mgm-passive-send-group-query>
  mgm-passive-send-group-query
</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</mld-hosts-information>
```


Description

<mgm-interface>

Usage

```

<igmp-snooping-host-information-per-learning-domain>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
    <mgm-promiscuous-mode>
      mgm-promiscuous-mode
    </mgm-promiscuous-mode>
    <mgm-passive>
      mgm-passive
    </mgm-passive>
    <mgm-passive-allow-receive>
      mgm-passive-allow-receive
    </mgm-passive-allow-receive>
    <mgm-passive-send-general-query>
      mgm-passive-send-general-query
    </mgm-passive-send-general-query>
    <mgm-passive-send-group-query>
      mgm-passive-send-group-query
    </mgm-passive-send-group-query>
    <mgm-group-limit>
      mgm-group-limit
    </mgm-group-limit>
    <mgm-group-policy>
      mgm-group-policy
    </mgm-group-policy>
    <mgm-oif-map>

```

```
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
```

Description

<mgm-interface>

Usage

```
<igmp-snooping-host-information-per-bridge-domain>
<igmp-snooping-host-information-per-learning-domain>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
    <mgm-promiscuous-mode>
      mgm-promiscuous-mode
    </mgm-promiscuous-mode>
    <mgm-passive>
      mgm-passive
    </mgm-passive>
    <mgm-passive-allow-receive>
      mgm-passive-allow-receive
    </mgm-passive-allow-receive>
    <mgm-passive-send-general-query>
      mgm-passive-send-general-query
    </mgm-passive-send-general-query>
    <mgm-passive-send-group-query>
      mgm-passive-send-group-query
```

```

</mgm-passive-send-group-query>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-group-policy>
  mgm-group-policy
</mgm-group-policy>
<mgm-oif-map>
  mgm-oif-map
</mgm-oif-map>
<mgm-host>....</mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>

```

Description

<mgm-interface>

Usage

```

<igmp-snooping-host-information-per-instance>
<igmp-snooping-host-information-per-bridge-domain>
<igmp-snooping-host-information-per-learning-domain>
  <mgm-interface>
    <interface-name>
      interface-name
    </interface-name>
    <querier-address>
      querier-address
    </querier-address>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <querier-timeout>
      querier-timeout
    </querier-timeout>
    <mgm-interface-version>
      mgm-interface-version
    </mgm-interface-version>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-ssm-map>
      mgm-ssm-map
    </mgm-ssm-map>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
    <mgm-promiscuous-mode>
      mgm-promiscuous-mode
    </mgm-promiscuous-mode>
    <mgm-passive>

```

```
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
```

Description

<mgm-interface>

Usage

```
<igmp-snooping-host-information-root>
  <igmp-snooping-host-information-per-instance>
    <igmp-snooping-host-information-per-bridge-domain>
      <igmp-snooping-host-information-per-learning-domain>
        <mgm-interface>
          <interface-name>
            interface-name
          </interface-name>
          <querier-address>
            querier-address
          </querier-address>
          <mgm-interface-state>
            mgm-interface-state
          </mgm-interface-state>
          <querier-timeout>
            querier-timeout
          </querier-timeout>
          <mgm-interface-version>
            mgm-interface-version
          </mgm-interface-version>
          <mgm-group-count>
            mgm-group-count
          </mgm-group-count>
          <mgm-ssm-map>
```

```

    mgm-ssm-map
  </mgm-ssm-map>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-immediate-leave>
    mgm-immediate-leave
  </mgm-immediate-leave>
  <mgm-promiscuous-mode>
    mgm-promiscuous-mode
  </mgm-promiscuous-mode>
  <mgm-passive>
    mgm-passive
  </mgm-passive>
  <mgm-passive-allow-receive>
    mgm-passive-allow-receive
  </mgm-passive-allow-receive>
  <mgm-passive-send-general-query>
    mgm-passive-send-general-query
  </mgm-passive-send-general-query>
  <mgm-passive-send-group-query>
    mgm-passive-send-group-query
  </mgm-passive-send-group-query>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-group-policy>
    mgm-group-policy
  </mgm-group-policy>
  <mgm-oif-map>
    mgm-oif-map
  </mgm-oif-map>
  <mgm-host>....</mgm-host>
</mgm-interface>
</igmp-snooping-host-information-per-learning-domain>
</igmp-snooping-host-information-per-bridge-domain>
</igmp-snooping-host-information-per-instance>
</igmp-snooping-host-information-root>

```

Description

<mgm-interface-groups>

Usage

```

<mgm-interface-groups>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-group>....</mgm-group>
</mgm-interface-groups>

```

Description**<mgm-interface-groups>****Usage**

```
<igmp-group-information>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>.....</mgm-group>
  </mgm-interface-groups>
</igmp-group-information>
```

Description**<mgm-interface-groups>****Usage**

```
<mld-group-information>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>.....</mgm-group>
  </mgm-interface-groups>
</mld-group-information>
```

Description**<mgm-interface-groups>****Usage**

```
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>.....</mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
```

Description

<mgm-interface-groups>**Usage**

```

<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>....</mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>

```

Description**<mgm-interface-groups>****Usage**

```

<igmp-snooping-group-information-per-instance>
<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group>....</mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>

```

Description**<mgm-interface-groups>****Usage**

```

<igmp-snooping-group-information-root>
<igmp-snooping-group-information-per-instance>
<igmp-snooping-group-information-per-bridge-domain>
<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>

```

```
<mgm-group>....</mgm-group>
</mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>
</igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<mgm-interface-output-groups>

Usage

```
<mgm-interface-output-groups>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-output-interface-status>
    mgm-output-interface-status
  </mgm-output-interface-status>
  <mgm-output-group>....</mgm-output-group>
</mgm-interface-output-groups>
```

Description

<mgm-interface-output-groups>

Usage

```
<igmp-output-group-information>
  <mgm-interface-output-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
    <mgm-output-group>....</mgm-output-group>
  </mgm-interface-output-groups>
</igmp-output-group-information>
```

Description

<mgm-interface-output-groups>

Usage

```
<mld-output-group-information>
  <mgm-interface-output-groups>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-output-interface-status>
      mgm-output-interface-status
    </mgm-output-interface-status>
    <mgm-output-group>....</mgm-output-group>
  </mgm-interface-output-groups>
```



```
</mld-output-group-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-statistics-interface>
<mgm-statistics-other>
  <mgm-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-other>
</mgm-statistics-interface>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-statistics-interface>
<mgm-statistics-global>
  <mgm-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-global>
</mgm-statistics-interface>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-statistics-interface>
  <mgm-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-interface>
```

Description**<mgm-other-statistic>****Usage**

```
<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>
```

Description**<mgm-other-statistic>****Usage**

```
<mgm-statistics-all>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-all>
```

Description**<mgm-other-statistic>****Usage**

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
```

```
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-interface>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
```

```
</mgm-other-statistic>
</mgm-statistics-other>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
<mgm-statistics-global>
  <mgm-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-global>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>
</igmp-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<igmp-statistics-information>
<mgm-statistics-all>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
```

```

<statistic-count>
  statistic-count
</statistic-count>
</mgm-other-statistic>
</mgm-statistics-global>
</mgm-statistics-all>
</lgmp-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description

<mgm-other-statistic>

Usage

```

<mld-statistics-information>

```

```
<mgm-statistics-interface>
  <mgm-other-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <statistic-count>
      statistic-count
    </statistic-count>
  </mgm-other-statistic>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mld-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mld-statistics-information>
```

```

<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>
</mld-statistics-information>

```

Description**<mgm-other-statistic>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description**<mgm-other-statistic>****Usage**

```

<mgm-snooping-statistics>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-snooping-statistics>

```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-interface>
```



```
</mgm-snooping-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-other>
</mgm-snooping-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <statistic-count>
        statistic-count
      </statistic-count>
    </mgm-other-statistic>
  </mgm-statistics-global>
</mgm-snooping-statistics-information>
```

Description

<mgm-other-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-snooping-statistics>
    <mgm-statistics-other>
      <mgm-other-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <statistic-count>
          statistic-count
        </statistic-count>
      </mgm-other-statistic>
```

```
</mgm-statistics-other>
</mgm-snooping-statistics>
</mgm-snooping-statistics-information>
```

Description

<mgm-output-group>

Usage

```
<mgm-interface-output-groups>
  <mgm-output-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <mgm-type>
      mgm-type
    </mgm-type>
    <mgm-group-mode-type>
      mgm-group-mode-type
    </mgm-group-mode-type>
    <mgm-group-input-interface>
      mgm-group-input-interface
    </mgm-group-input-interface>
  </mgm-output-group>
</mgm-interface-output-groups>
```

Description

<mgm-output-group>

Usage

```
<igmp-output-group-information>
  <mgm-interface-output-groups>
    <mgm-output-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <mgm-group-input-interface>
        mgm-group-input-interface
      </mgm-group-input-interface>
    </mgm-output-group>
  </mgm-interface-output-groups>
```

```
</igmp-output-group-information>
```

Description

<mgm-output-group>

Usage

```
<mld-output-group-information>
  <mgm-interface-output-groups>
    <mgm-output-group>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <mgm-type>
        mgm-type
      </mgm-type>
      <mgm-group-mode-type>
        mgm-group-mode-type
      </mgm-group-mode-type>
      <mgm-group-input-interface>
        mgm-group-input-interface
      </mgm-group-input-interface>
    </mgm-output-group>
  </mgm-interface-output-groups>
</mld-output-group-information>
```

Description

<mgm-snooping-interface>

Usage

```
<mgm-snooping-interface>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-interface-state>
    mgm-interface-state
  </mgm-interface-state>
  <mgm-mc-lag-state>
    mgm-mc-lag-state
  </mgm-mc-lag-state>
  <mgm-snooping-router-interface>
    mgm-snooping-router-interface
  </mgm-snooping-router-interface>
  <mgm-group-count>
    mgm-group-count
  </mgm-group-count>
  <mgm-group-limit>
    mgm-group-limit
  </mgm-group-limit>
  <mgm-immediate-leave>
```

```
    mgm-immediate-leave
  </mgm-immediate-leave>
</mgm-snooping-interface>
```

Description

<mgm-snooping-interface>

Usage

```
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-snooping-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-snooping-router-interface>
      mgm-snooping-router-interface
    </mgm-snooping-router-interface>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group-limit>
      mgm-group-limit
    </mgm-group-limit>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
  </mgm-snooping-interface>
</igmp-snooping-interface-information-per-learning-domain>
```

Description

<mgm-snooping-interface>

Usage

```
<igmp-snooping-interface-information-per-bridge-domain>
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-snooping-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-snooping-router-interface>
      mgm-snooping-router-interface
```

```

</mgm-snooping-router-interface>
<mgm-group-count>
  mgm-group-count
</mgm-group-count>
<mgm-group-limit>
  mgm-group-limit
</mgm-group-limit>
<mgm-immediate-leave>
  mgm-immediate-leave
</mgm-immediate-leave>
</mgm-snooping-interface>
</igmp-snooping-interface-information-per-learning-domain>
</igmp-snooping-interface-information-per-bridge-domain>

```

Description

<mgm-snooping-interface>

Usage

```

<igmp-snooping-interface-information-per-instance>
<igmp-snooping-interface-information-per-bridge-domain>
<igmp-snooping-interface-information-per-learning-domain>
  <mgm-snooping-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-interface-state>
      mgm-interface-state
    </mgm-interface-state>
    <mgm-mc-lag-state>
      mgm-mc-lag-state
    </mgm-mc-lag-state>
    <mgm-snooping-router-interface>
      mgm-snooping-router-interface
    </mgm-snooping-router-interface>
    <mgm-group-count>
      mgm-group-count
    </mgm-group-count>
    <mgm-group-limit>
      mgm-group-limit
    </mgm-group-limit>
    <mgm-immediate-leave>
      mgm-immediate-leave
    </mgm-immediate-leave>
  </mgm-snooping-interface>
</igmp-snooping-interface-information-per-learning-domain>
</igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>

```

Description

<mgm-snooping-interface>

Usage

```
<igmp-snooping-interface-information-root>
<igmp-snooping-interface-information-per-instance>
  <igmp-snooping-interface-information-per-bridge-domain>
    <igmp-snooping-interface-information-per-learning-domain>
      <mgm-snooping-interface>
        <interface-name>
          interface-name
        </interface-name>
        <mgm-interface-state>
          mgm-interface-state
        </mgm-interface-state>
        <mgm-mc-lag-state>
          mgm-mc-lag-state
        </mgm-mc-lag-state>
        <mgm-snooping-router-interface>
          mgm-snooping-router-interface
        </mgm-snooping-router-interface>
        <mgm-group-count>
          mgm-group-count
        </mgm-group-count>
        <mgm-group-limit>
          mgm-group-limit
        </mgm-group-limit>
        <mgm-immediate-leave>
          mgm-immediate-leave
        </mgm-immediate-leave>
      </mgm-snooping-interface>
    </igmp-snooping-interface-information-per-learning-domain>
  </igmp-snooping-interface-information-per-bridge-domain>
</igmp-snooping-interface-information-per-instance>
</igmp-snooping-interface-information-root>
```

Description

<mgm-snooping-statistics>

Usage

```
<mgm-snooping-statistics>
  <instance-name>
    instance-name
  </instance-name>
  <bridge-domain>
    bridge-domain
  </bridge-domain>
  <learning-domain>
    learning-domain
  </learning-domain>
  <mgm-snooping-instance-all>
    mgm-snooping-instance-all
  </mgm-snooping-instance-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
```

</mgm-snooping-statistics>

Description

<mgm-snooping-statistics>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-snooping-statistics>
    <instance-name>
      instance-name
    </instance-name>
    <bridge-domain>
      bridge-domain
    </bridge-domain>
    <learning-domain>
      learning-domain
    </learning-domain>
    <mgm-snooping-instance-all>
      mgm-snooping-instance-all
    </mgm-snooping-instance-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
  </mgm-snooping-statistics>
</mgm-snooping-statistics-information>
```

Description

<mgm-snooping-statistics-information>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>....</mgm-statistics-interface>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-snooping-statistics>....</mgm-snooping-statistics>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistic>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-group>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
```

```
</sent-count>
<error-count>
  error-count
</error-count>
</mgm-statistic>
</mgm-statistics-group>
</mgm-statistics-interface>
```

Description

<mgm-statistic>

Usage

```
<mgm-statistics-interface>
  <mgm-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <received-count>
      received-count
    </received-count>
    <sent-count>
      sent-count
    </sent-count>
    <error-count>
      error-count
    </error-count>
  </mgm-statistic>
</mgm-statistics-interface>
```

Description

<mgm-statistic>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-group>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-all>
```


Description

<mgm-statistic>

Usage

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-statistic>

Usage

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-statistic>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</igmp-statistics-information>
```

Description

<mgm-statistic>

Usage

```
<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistic>**Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description**<mgm-statistic>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</mld-statistics-information>

```

Description**<mgm-statistic>****Usage**

```

<mgm-snooping-statistics>

```

```
<mgm-statistics-group>
  <mgm-statistic>
    <statistic-name>
      statistic-name
    </statistic-name>
    <received-count>
      received-count
    </received-count>
    <sent-count>
      sent-count
    </sent-count>
    <error-count>
      error-count
    </error-count>
  </mgm-statistic>
</mgm-statistics-group>
</mgm-snooping-statistics>
```

Description

<mgm-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>
        <statistic-name>
          statistic-name
        </statistic-name>
        <received-count>
          received-count
        </received-count>
        <sent-count>
          sent-count
        </sent-count>
        <error-count>
          error-count
        </error-count>
      </mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistic>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistic>
      <statistic-name>
        statistic-name
```

```

</statistic-name>
<received-count>
  received-count
</received-count>
<sent-count>
  sent-count
</sent-count>
<error-count>
  error-count
</error-count>
</mgm-statistic>
</mgm-statistics-interface>
</mgm-snooping-statistics-information>

```

Description

<mgm-statistic>

Usage

```

<mgm-snooping-statistics-information>
<mgm-snooping-statistics>
  <mgm-statistics-group>
    <mgm-statistic>
      <statistic-name>
        statistic-name
      </statistic-name>
      <received-count>
        received-count
      </received-count>
      <sent-count>
        sent-count
      </sent-count>
      <error-count>
        error-count
      </error-count>
    </mgm-statistic>
  </mgm-statistics-group>
</mgm-snooping-statistics>
</mgm-snooping-statistics-information>

```

Description

<mgm-statistics-all>

Usage

```

<mgm-statistics-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
</mgm-statistics-all>

```

Description

<mgm-statistics-all>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
  </mgm-statistics-all>
</igmp-statistics-information>
```

Description

<mgm-statistics-all>

Usage

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-interface>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-statistics-all>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mgm-statistics-all>
```

Description

<mgm-statistics-global>

Usage

```
<igmp-statistics-information>
  <mgm-statistics-interface>
```

```

    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description**<mgm-statistics-global>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</igmp-statistics-information>

```

Description**<mgm-statistics-global>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</igmp-statistics-information>

```

Description**<mgm-statistics-global>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description**<mgm-statistics-global>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>

```

</mld-statistics-information>

Description

<mgm-statistics-global>

Usage

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-global>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-global>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistics-global>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-global>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-global>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistics-group>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-group>
    <mgm-statistic>....</mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-interface>
```

Description

<mgm-statistics-group>**Usage**

```

<mgm-statistics-all>
  <mgm-statistics-group>
    <mgm-statistic>....</mgm-statistic>
  </mgm-statistics-group>
</mgm-statistics-all>

```

Description**<mgm-statistics-group>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description**<mgm-statistics-group>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</igmp-statistics-information>

```

Description**<mgm-statistics-group>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mld-statistics-information>

```

Description

<mgm-statistics-group>**Usage**

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description**<mgm-statistics-group>****Usage**

```
<mgm-snooping-statistics>
  <mgm-statistics-group>
    <mgm-statistic>....</mgm-statistic>
  </mgm-statistics-group>
</mgm-snooping-statistics>
```

Description**<mgm-statistics-group>****Usage**

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description**<mgm-statistics-group>****Usage**

```
<mgm-snooping-statistics-information>
  <mgm-snooping-statistics>
    <mgm-statistics-group>
      <mgm-statistic>....</mgm-statistic>
    </mgm-statistics-group>
  </mgm-snooping-statistics>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistics-interface>

Usage

```

<mgm-statistics-interface>
  <interface-name>
    interface-name
  </interface-name>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface-all>
    mgm-interface-all
  </mgm-interface-all>
  <mgm-statistics-group>....</mgm-statistics-group>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistic>....</mgm-statistic>
  <mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-interface>

```

Description

<mgm-statistics-interface>

Usage

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-disabled-interface-name>
      mgm-disabled-interface-name
    </mgm-disabled-interface-name>
    <mgm-interface-all>
      mgm-interface-all
    </mgm-interface-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
    <mgm-statistic>....</mgm-statistic>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description

<mgm-statistics-interface>

Usage

```

<mld-statistics-information>
  <mgm-statistics-interface>
    <interface-name>
      interface-name
    </interface-name>

```

```
<mgm-disabled-interface-name>
  mgm-disabled-interface-name
</mgm-disabled-interface-name>
<mgm-interface-all>
  mgm-interface-all
</mgm-interface-all>
<mgm-statistics-group>....</mgm-statistics-group>
<mgm-statistics-other>....</mgm-statistics-other>
<mgm-statistics-global>....</mgm-statistics-global>
<mgm-statistic>....</mgm-statistic>
<mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistics-interface>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <interface-name>
      interface-name
    </interface-name>
    <mgm-disabled-interface-name>
      mgm-disabled-interface-name
    </mgm-disabled-interface-name>
    <mgm-interface-all>
      mgm-interface-all
    </mgm-interface-all>
    <mgm-statistics-group>....</mgm-statistics-group>
    <mgm-statistics-other>....</mgm-statistics-other>
    <mgm-statistics-global>....</mgm-statistics-global>
    <mgm-statistic>....</mgm-statistic>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-interface>
</mgm-snooping-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mgm-statistics-interface>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-interface>
```

Description

<mgm-statistics-other>**Usage**

```

<mgm-statistics-all>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-statistics-all>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<igmp-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</igmp-statistics-information>

```

Description**<mgm-statistics-other>****Usage**

```

<mld-statistics-information>
  <mgm-statistics-interface>

```

```
<mgm-statistics-other>
  <mgm-other-statistic>....</mgm-other-statistic>
</mgm-statistics-other>
</mgm-statistics-interface>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mld-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mld-statistics-information>
  <mgm-statistics-all>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-all>
</mld-statistics-information>
```

Description

<mgm-statistics-other>

Usage

```
<mgm-snooping-statistics>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-snooping-statistics>
```

Description

<mgm-statistics-other>

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-interface>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-statistics-interface>
```

```
</mgm-snooping-statistics-information>
```

Description

```
<mgm-statistics-other>
```

Usage

```
<mgm-snooping-statistics-information>
  <mgm-statistics-other>
    <mgm-other-statistic>....</mgm-other-statistic>
  </mgm-statistics-other>
</mgm-snooping-statistics-information>
```

Description

```
<mgm-statistics-other>
```

Usage

```
<mgm-snooping-statistics-information>
  <mgm-snooping-statistics>
    <mgm-statistics-other>
      <mgm-other-statistic>....</mgm-other-statistic>
    </mgm-statistics-other>
  </mgm-snooping-statistics>
</mgm-snooping-statistics-information>
```

Description

```
<mld-group-information>
```

Usage

```
<mld-group-information>
  <mgm-interface-groups>....</mgm-interface-groups>
</mld-group-information>
```

Description

```
<mld-hosts-information>
```

Usage

```
<mld-hosts-information>
  <mgm-disabled-interface-name>
    mgm-disabled-interface-name
  </mgm-disabled-interface-name>
  <mgm-interface>....</mgm-interface>
</mld-hosts-information>
```

Description

<mld-interface-information>

Usage

```
<mld-interface-information>
  <mgm-interface>....</mgm-interface>
  <mgm-configured-parameters>....</mgm-configured-parameters>
  <mgm-derived-parameters>....</mgm-derived-parameters>
</mld-interface-information>
```

Description

<mld-output-group-information>

Usage

```
<mld-output-group-information>
  <mgm-interface-output-groups>....</mgm-interface-output-groups>
</mld-output-group-information>
```

Description

<mld-statistics-information>

Usage

```
<mld-statistics-information>
  <mgm-statistics-interface>....</mgm-statistics-interface>
  <mgm-statistics-other>....</mgm-statistics-other>
  <mgm-statistics-global>....</mgm-statistics-global>
  <mgm-statistics-all>....</mgm-statistics-all>
</mld-statistics-information>
```

Description

<multicast-backup-pe-address-information>

Usage

```
<multicast-backup-pe-address-information>
  <multicast-backup-pe-address>
    multicast-backup-pe-address
  </multicast-backup-pe-address>
  <multicast-backup-pe-group-list>....</multicast-backup-pe-group-list>
  <pe-address-local>
    pe-address-local
  </pe-address-local>
  <lsp-to-pe-up>
    lsp-to-pe-up
  </lsp-to-pe-up>
</multicast-backup-pe-address-information>
```

Description Information about multicast backup PE

<multicast-backup-pe-group>**Usage**

```

<multicast-backup-pe-groups-information>
  <multicast-backup-pe-groups>
    <multicast-backup-pe-group>
      <multicast-backup-pe-group-name>
        multicast-backup-pe-group-name
      </multicast-backup-pe-group-name>
      <designated-pe>
        designated-pe
      </designated-pe>
      <transitions>
        transitions
      </transitions>
      <last-transition>
        last-transition
      </last-transition>
      <local-pe-address>
        local-pe-address
      </local-pe-address>
      <backup-pes>....</backup-pes>
    </multicast-backup-pe-group>
  </multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>

```

Description Information about a multicast backup PE group

<multicast-backup-pe-group-list>**Usage**

```

<multicast-backup-pe-address-information>
  <multicast-backup-pe-group-list>
    <multicast-backup-pe-group-member>....</multicast-backup-pe-group-member>

  </multicast-backup-pe-group-list>
</multicast-backup-pe-address-information>

```

Description Information about multicast backup PE groups associatd with PE

<multicast-backup-pe-group-member>**Usage**

```

<multicast-backup-pe-address-information>
  <multicast-backup-pe-group-list>
    <multicast-backup-pe-group-member>
      <multicast-backup-pe-group-name>
        multicast-backup-pe-group-name
      </multicast-backup-pe-group-name>
    </multicast-backup-pe-group-member>
  </multicast-backup-pe-group-list>

```

```
</multicast-backup-pe-address-information>
```

Description Information about a multicast backup PE group

<multicast-backup-pe-groups>

Usage

```
<multicast-backup-pe-groups-information>
<multicast-backup-pe-groups>
  <instance-name>
    instance-name
  </instance-name>
  <multicast-backup-pe-group>....</multicast-backup-pe-group>
</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>
```

Description Information about multicast backup PE groups for one routing instance

<multicast-backup-pe-groups-information>

Usage

```
<multicast-backup-pe-groups-information>
<multicast-backup-pe-groups>....</multicast-backup-pe-groups>
</multicast-backup-pe-groups-information>
```

Description Information about multicast backup PE groups for one or more routing instances

<multicast-flow-map>

Usage

```
<multicast-flow-maps-information>
<multicast-flow-maps>
  <multicast-flow-map>
    <flow-map-name>
      flow-map-name
    </flow-map-name>
    <policy-name>
      policy-name
    </policy-name>
    <cache-timeout>
      cache-timeout
    </cache-timeout>
    <flow-bandwidth>
      flow-bandwidth
    </flow-bandwidth>
    <bandwidth-type>
      bandwidth-type
    </bandwidth-type>
    <redundant-sources>....</redundant-sources>
  </multicast-flow-map>
</multicast-flow-maps>
```

```
</multicast-flow-maps-information>
```

Description Information about a multicast flow map

<multicast-flow-maps>

Usage

```
<multicast-flow-maps-information>
  <multicast-flow-maps>
    <instance-name>
      instance-name
    </instance-name>
    <multicast-flow-map>....</multicast-flow-map>
  </multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Information about multicast flow maps for one routing instance

<multicast-flow-maps-information>

Usage

```
<multicast-flow-maps-information>
  <multicast-flow-maps>....</multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Information about multicast flow maps for one or more routing instances

<multicast-group>

Usage

```
<multicast-usage-information>
  <multicast-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-source-count>
      multicast-source-count
    </multicast-source-count>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
    <multicast-byte-count-not-available>
      multicast-byte-count-not-available
    </multicast-byte-count-not-available>
    <multicast-group-source>....</multicast-group-source>
```

```
</multicast-group>
</multicast-usage-information>
```

Description

<multicast-group-source>

Usage

```
<multicast-usage-information>
  <multicast-group>
    <multicast-group-source>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <multicast-source-prefix-length>
        multicast-source-prefix-length
      </multicast-source-prefix-length>
      <multicast-packet-count>
        multicast-packet-count
      </multicast-packet-count>
      <multicast-packet-count-not-available>
        multicast-packet-count-not-available
      </multicast-packet-count-not-available>
      <multicast-byte-count>
        multicast-byte-count
      </multicast-byte-count>
      <multicast-byte-count-not-available>
        multicast-byte-count-not-available
      </multicast-byte-count-not-available>
    </multicast-group-source>
  </multicast-group>
</multicast-usage-information>
```

Description

<multicast-interface>

Usage

```
<multicast-interface-information>
  <multicast-interface>
    <interface-name>
      interface-name
    </interface-name>
    <interface-max-bandwidth>
      interface-max-bandwidth
    </interface-max-bandwidth>
    <interface-remaining-bandwidth>
      interface-remaining-bandwidth
    </interface-remaining-bandwidth>
    <interface-local-bandwidth-deduction>
      interface-local-bandwidth-deduction
    </interface-local-bandwidth-deduction>
    <interface-mapped-bandwidth-deduction>
      interface-mapped-bandwidth-deduction
    </interface-mapped-bandwidth-deduction>
  </multicast-interface>
</multicast-interface-information>
```

```

</interface-mapped-bandwidth-deduction>
<interface-reverse-oif-mapping>
  interface-reverse-oif-mapping
</interface-reverse-oif-mapping>
<interface-reverse-oif-mapping-no-qos-adjust>
  interface-reverse-oif-mapping-no-qos-adjust
</interface-reverse-oif-mapping-no-qos-adjust>
<interface-subscriber-leave-timer>
  interface-subscriber-leave-timer
</interface-subscriber-leave-timer>
<interface-no-qos-adjust>
  interface-no-qos-adjust
</interface-no-qos-adjust>
</multicast-interface>
</multicast-interface-information>

```

Description Information about a multicast interface

<multicast-interface-information>

Usage

```

<multicast-interface-information>
  <multicast-interface>....</multicast-interface>
</multicast-interface-information>

```

Description Information about one or more multicast interfaces

<multicast-next-hops-information>

Usage

```

<multicast-next-hops-information>
  <next-hops-family>....</next-hops-family>
</multicast-next-hops-information>

```

Description

<multicast-pim-to-igmp-proxy>

Usage

```

<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>
    <instance-name>
      instance-name
    </instance-name>
    <proxy-state>
      proxy-state
    </proxy-state>
    <proxy-upstream-interface>....</proxy-upstream-interface>
  </multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>

```

Description Pim-to-igmp-proxy state

<multicast-pim-to-igmp-proxy-information>

Usage

```
<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>.....</multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>
```

Description

<multicast-pim-to-mld-proxy>

Usage

```
<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>
    <instance-name>
      instance-name
    </instance-name>
    <proxy-state>
      proxy-state
    </proxy-state>
    <proxy-upstream-interface>.....</proxy-upstream-interface>
  </multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>
```

Description Pim-to-mld-proxy state

<multicast-pim-to-mld-proxy-information>

Usage

```
<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>.....</multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>
```

Description

<multicast-route>

Usage

```
<multicast-route-information>
  <route-family>
    <multicast-route>
      <multicast-group-address>
        multicast-group-address
      </multicast-group-address>
      <multicast-source-address>
        multicast-source-address
      </multicast-source-address>
      <multicast-route-vlan-id>
        multicast-route-vlan-id
      </multicast-route-vlan-id>
```

```
<multicast-route-bridge-domain>
  multicast-route-bridge-domain
</multicast-route-bridge-domain>
<multicast-route-mesh-group>
  multicast-route-mesh-group
</multicast-route-mesh-group>
<multicast-source-prefix-length>
  multicast-source-prefix-length
</multicast-source-prefix-length>
<multicast-route-source>....</multicast-route-source>
<session-name>
  session-name
</session-name>
<forwarding-rate-kilobytes>
  forwarding-rate-kilobytes
</forwarding-rate-kilobytes>
<forwarding-rate-packets>
  forwarding-rate-packets
</forwarding-rate-packets>
<forwarded-packet-count>
  forwarded-packet-count
</forwarded-packet-count>
<multicast-statistics-timed-out>
  multicast-statistics-timed-out
</multicast-statistics-timed-out>
<bandwidth-for-admission-control>
  bandwidth-for-admission-control
</bandwidth-for-admission-control>
<upstream-interface-name>
  upstream-interface-name
</upstream-interface-name>
<rpf-check-disabled>
  rpf-check-disabled
</rpf-check-disabled>
<downstream-interface-names>
  downstream-interface-names
</downstream-interface-names>
<rejected-downstream-interface-names>
  rejected-downstream-interface-names
</rejected-downstream-interface-names>
<next-hop-id>
  next-hop-id
</next-hop-id>
<upstream-protocol>
  upstream-protocol
</upstream-protocol>
<multicast-route-forwarding-state>
  multicast-route-forwarding-state
</multicast-route-forwarding-state>
<multicast-route-state>
  multicast-route-state
</multicast-route-state>
<multicast-route-timeout>
  multicast-route-timeout
</multicast-route-timeout>
<interface-mismatch-count>
```

```
        interface-mismatch-count
      </interface-mismatch-count>
    </multicast-route>
  </route-family>
</multicast-route-information>
```

Description

<multicast-route-information>

Usage

```
<multicast-route-information>
  <multicast-route-no-group-prefix>
    multicast-route-no-group-prefix
  </multicast-route-no-group-prefix>
  <multicast-route-no-family>
    multicast-route-no-family
  </multicast-route-no-family>
  <route-family>....</route-family>
</multicast-route-information>
```

Description

<multicast-route-source>

Usage

```
<multicast-route-information>
  <route-family>
    <multicast-route>
      <multicast-route-source>
        <multicast-source-address>
          multicast-source-address
        </multicast-source-address>
      </multicast-route-source>
    </multicast-route>
  </route-family>
</multicast-route-information>
```

Description

<multicast-rpf-information>

Usage

```
<multicast-rpf-information>
  <rpf-family>....</rpf-family>
</multicast-rpf-information>
```

Description

<multicast-scope>

Usage

```
<multicast-scope-information>
```



```

<multicast-scope>
  <scope-name>
    scope-name
  </scope-name>
  <address-prefix>
    address-prefix
  </address-prefix>
  <interface-name>
    interface-name
  </interface-name>
  <scope-rejects>
    scope-rejects
  </scope-rejects>
  <scope-state>
    scope-state
  </scope-state>
</multicast-scope>
</multicast-scope-information>

```

Description

<multicast-scope-information>

Usage

```

<multicast-scope-information>
  <multicast-scope-policy>
    multicast-scope-policy
  </multicast-scope-policy>
  <multicast-scope-policy-interfaces>....</multicast-scope-policy-interfaces>
  <multicast-scope>....</multicast-scope>
</multicast-scope-information>

```

Description

<multicast-scope-policy-interface>

Usage

```

<multicast-scope-information>
  <multicast-scope-policy-interfaces>
    <multicast-scope-policy-interface>
      <interface-name>
        interface-name
      </interface-name>
      <scope-rejects>
        scope-rejects
      </scope-rejects>
    </multicast-scope-policy-interface>
  </multicast-scope-policy-interfaces>
</multicast-scope-information>

```

Description

<multicast-scope-policy-interfaces>

Usage

```
<multicast-scope-information>
  <multicast-scope-policy-interfaces>
    <instance-name>
      instance-name
    </instance-name>
    <address-family>
      address-family
    </address-family>
    <multicast-scope-policy-interface>....</multicast-scope-policy-interface>
  </multicast-scope-policy-interfaces>
</multicast-scope-information>
```

Description

<multicast-session>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-announcement>
      session-announcement
    </session-announcement>
    <session-name>
      session-name
    </session-name>
    <session-version>
      session-version
    </session-version>
    <session-origin>....</session-origin>
    <upstream-protocol>
      upstream-protocol
    </upstream-protocol>
    <session-description>
      session-description
    </session-description>
    <session-uri>
      session-uri
    </session-uri>
    <session-email>
      session-email
    </session-email>
    <session-phone>
      session-phone
    </session-phone>
    <session-connection-data>....</session-connection-data>
    <session-bandwidth>
      session-bandwidth
    </session-bandwidth>
    <session-start-time>
      session-start-time
    </session-start-time>
    <session-stop-time>
```

```

        session-stop-time
      </session-stop-time>
      <session-encryption-key>
        session-encryption-key
      </session-encryption-key>
      <session-attribute>
        session-attribute
      </session-attribute>
      <session-media>
        session-media
      </session-media>
    </multicast-session>
  </multicast-sessions-information>

```

Description

<multicast-sessions-information>

Usage

```

<multicast-sessions-information>
  <multicast-session>....</multicast-session>
  <multicast-session-count>
    multicast-session-count
  </multicast-session-count>
  <multicast-sessions-type>
    multicast-sessions-type
  </multicast-sessions-type>
</multicast-sessions-information>

```

Description

<multicast-source>

Usage

```

<multicast-usage-information>
  <multicast-source>
    <multicast-source-address>
      multicast-source-address
    </multicast-source-address>
    <multicast-source-prefix-length>
      multicast-source-prefix-length
    </multicast-source-prefix-length>
    <multicast-group-count>
      multicast-group-count
    </multicast-group-count>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
  </multicast-source>
</multicast-usage-information>

```

```
<multicast-byte-count-not-available>
  multicast-byte-count-not-available
</multicast-byte-count-not-available>
<multicast-source-group>....</multicast-source-group>
</multicast-source>
</multicast-usage-information>
```

Description

<multicast-source-group>

Usage

```
<multicast-usage-information>
<multicast-source>
  <multicast-source-group>
    <multicast-group-address>
      multicast-group-address
    </multicast-group-address>
    <multicast-packet-count>
      multicast-packet-count
    </multicast-packet-count>
    <multicast-packet-count-not-available>
      multicast-packet-count-not-available
    </multicast-packet-count-not-available>
    <multicast-byte-count>
      multicast-byte-count
    </multicast-byte-count>
    <multicast-byte-count-not-available>
      multicast-byte-count-not-available
    </multicast-byte-count-not-available>
  </multicast-source-group>
</multicast-source>
</multicast-usage-information>
```

Description

<multicast-statistics>

Usage

```
<multicast-statistics-information>
<multicast-statistics>
  <instance-name>
    instance-name
  </instance-name>
  <address-family>
    address-family
  </address-family>
  <mc-stats-interface>....</mc-stats-interface>
  <mc-resolves-no-mc-interface>
    mc-resolves-no-mc-interface
  </mc-resolves-no-mc-interface>
  <mc-global-resolves-no-route>
    mc-global-resolves-no-route
  </mc-global-resolves-no-route>
```

```

<mc-notifies-no-mc-interface>
  mc-notifies-no-mc-interface
</mc-notifies-no-mc-interface>
<mc-notifies-no-route>
  mc-notifies-no-route
</mc-notifies-no-route>
<mc-mismatches-no-mc-interface>
  mc-mismatches-no-mc-interface
</mc-mismatches-no-mc-interface>
<mc-groups-no-mc-interface>
  mc-groups-no-mc-interface
</mc-groups-no-mc-interface>
</multicast-statistics>
</multicast-statistics-information>

```

Description

<multicast-statistics-information>

Usage

```

<multicast-statistics-information>
  <multicast-statistics>....</multicast-statistics>
</multicast-statistics-information>

```

Description

<multicast-tunnel>

Usage

```

<multicast-tunnels-information>
  <multicast-tunnel>
    <interface-name>
      interface-name
    </interface-name>
    <tunnel-local-address>
      tunnel-local-address
    </tunnel-local-address>
    <tunnel-remote-address>
      tunnel-remote-address
    </tunnel-remote-address>
    <tunnel-ttl>
      tunnel-ttl
    </tunnel-ttl>
  </multicast-tunnel>
</multicast-tunnels-information>

```

Description

<multicast-tunnels-information>

Usage

```

<multicast-tunnels-information>
  <multicast-tunnel>....</multicast-tunnel>

```

```
</multicast-tunnels-information>
```

Description

<multicast-usage-information>

Usage

```
<multicast-usage-information>
  <multicast-usage-no-group-prefix>
    multicast-usage-no-group-prefix
  </multicast-usage-no-group-prefix>
  <multicast-usage-strange-family>
    multicast-usage-strange-family
  </multicast-usage-strange-family>
  <multicast-usage-timed-out>
    multicast-usage-timed-out
  </multicast-usage-timed-out>
  <multicast-group>....</multicast-group>
  <multicast-source>....</multicast-source>
</multicast-usage-information>
```

Description

<next-hop-downstream-interface>

Usage

```
<multicast-next-hops-information>
  <next-hops-family>
    <iflist-next-hop>
      <next-hop-downstream-interface>
        <interface-name>
          interface-name
        </interface-name>
        <interface-index>
          interface-index
        </interface-index>
        <interface-nh-index>
          interface-nh-index
        </interface-nh-index>
      </next-hop-downstream-interface>
    </iflist-next-hop>
  </next-hops-family>
</multicast-next-hops-information>
```

Description

<next-hops-family>

Usage

```
<multicast-next-hops-information>
  <next-hops-family>
    <address-family>
      address-family
    </address-family>
```

```

    <iflist-next-hop>....</iflist-next-hop>
  </next-hops-family>
</multicast-next-hops-information>

```

Description

<proxy-upstream-interface>

Usage

```

<proxy-upstream-interface>
  <interface-name>
    interface-name
  </interface-name>
</proxy-upstream-interface>

```

Description

<proxy-upstream-interface>

Usage

```

<multicast-pim-to-igmp-proxy-information>
  <multicast-pim-to-igmp-proxy>
    <proxy-upstream-interface>
      <interface-name>
        interface-name
      </interface-name>
    </proxy-upstream-interface>
  </multicast-pim-to-igmp-proxy>
</multicast-pim-to-igmp-proxy-information>

```

Description

<proxy-upstream-interface>

Usage

```

<multicast-pim-to-mld-proxy-information>
  <multicast-pim-to-mld-proxy>
    <proxy-upstream-interface>
      <interface-name>
        interface-name
      </interface-name>
    </proxy-upstream-interface>
  </multicast-pim-to-mld-proxy>
</multicast-pim-to-mld-proxy-information>

```

Description

<redundant-sources>

Usage

```

<multicast-flow-maps-information>
  <multicast-flow-maps>
    <multicast-flow-map>

```

```
<redundant-sources>
  <multicast-source-address>
    multicast-source-address
  </multicast-source-address>
</redundant-sources>
</multicast-flow-map>
</multicast-flow-maps>
</multicast-flow-maps-information>
```

Description Redundant source addresses

<reverse-oif>

Usage

```
<mgm-interface-groups>
  <mgm-group>
    <reverse-oif>
      <oif-name>
        oif-name
      </oif-name>
      <host-count>
        host-count
      </host-count>
    </reverse-oif>
  </mgm-group>
</mgm-interface-groups>
```

Description

<reverse-oif>

Usage

```
<igmp-group-information>
  <mgm-interface-groups>
    <mgm-group>
      <reverse-oif>
        <oif-name>
          oif-name
        </oif-name>
        <host-count>
          host-count
        </host-count>
      </reverse-oif>
    </mgm-group>
  </mgm-interface-groups>
</igmp-group-information>
```

Description

<reverse-oif>

Usage

```
<mld-group-information>
```



```

<mgm-interface-groups>
  <mgm-group>
    <reverse-oif>
      <oif-name>
        oif-name
      </oif-name>
      <host-count>
        host-count
      </host-count>
    </reverse-oif>
  </mgm-group>
</mgm-interface-groups>
</mld-group-information>

```

Description**<reverse-oif>****Usage**

```

<igmp-snooping-group-information-per-learning-domain>
  <mgm-interface-groups>
    <mgm-group>
      <reverse-oif>
        <oif-name>
          oif-name
        </oif-name>
        <host-count>
          host-count
        </host-count>
      </reverse-oif>
    </mgm-group>
  </mgm-interface-groups>
</igmp-snooping-group-information-per-learning-domain>

```

Description**<reverse-oif>****Usage**

```

<igmp-snooping-group-information-per-bridge-domain>
  <igmp-snooping-group-information-per-learning-domain>
    <mgm-interface-groups>
      <mgm-group>
        <reverse-oif>
          <oif-name>
            oif-name
          </oif-name>
          <host-count>
            host-count
          </host-count>
        </reverse-oif>
      </mgm-group>
    </mgm-interface-groups>
  </igmp-snooping-group-information-per-learning-domain>

```

```
</igmp-snooping-group-information-per-bridge-domain>
```

Description

<reverse-oif>

Usage

```
<igmp-snooping-group-information-per-instance>
  <igmp-snooping-group-information-per-bridge-domain>
    <igmp-snooping-group-information-per-learning-domain>
      <mgm-interface-groups>
        <mgm-group>
          <reverse-oif>
            <oif-name>
              oif-name
            </oif-name>
            <host-count>
              host-count
            </host-count>
          </reverse-oif>
        </mgm-group>
      </mgm-interface-groups>
    </igmp-snooping-group-information-per-learning-domain>
  </igmp-snooping-group-information-per-bridge-domain>
</igmp-snooping-group-information-per-instance>
```

Description

<reverse-oif>

Usage

```
<igmp-snooping-group-information-root>
  <igmp-snooping-group-information-per-instance>
    <igmp-snooping-group-information-per-bridge-domain>
      <igmp-snooping-group-information-per-learning-domain>
        <mgm-interface-groups>
          <mgm-group>
            <reverse-oif>
              <oif-name>
                oif-name
              </oif-name>
              <host-count>
                host-count
              </host-count>
            </reverse-oif>
          </mgm-group>
        </mgm-interface-groups>
      </igmp-snooping-group-information-per-learning-domain>
    </igmp-snooping-group-information-per-bridge-domain>
  </igmp-snooping-group-information-per-instance>
</igmp-snooping-group-information-root>
```

Description

<route-family>**Usage**

```

<multicast-route-information>
  <route-family>
    <bulking-indicator>
      bulking-indicator
    </bulking-indicator>
    <address-family>
      address-family
    </address-family>
    <multicast-route>....</multicast-route>
  </route-family>
</multicast-route-information>

```

Description**<rpf-family>****Usage**

```

<multicast-rpf-information>
  <rpf-family>
    <address-family>
      address-family
    </address-family>
    <rpf-table-name>
      rpf-table-name
    </rpf-table-name>
    <rpf-table-entry-count>
      rpf-table-entry-count
    </rpf-table-entry-count>
    <rpf-route>....</rpf-route>
  </rpf-family>
</multicast-rpf-information>

```

Description**<rpf-route>****Usage**

```

<multicast-rpf-information>
  <rpf-family>
    <rpf-route>
      <prefix>
        prefix
      </prefix>
      <rpf-route-inactive>
        rpf-route-inactive
      </rpf-route-inactive>
      <rpf-route-protocol>
        rpf-route-protocol
      </rpf-route-protocol>
      <interface-name>
        interface-name

```

```
</interface-name>
<rpf-route-neighbor>
  rpf-route-neighbor
</rpf-route-neighbor>
</rpf-route>
</rpf-family>
</multicast-rpf-information>
```

Description

<session-connection-data>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-connection-data>
      <session-address>
        session-address
      </session-address>
      <session-ttl>
        session-ttl
      </session-ttl>
      <session-layers>
        session-layers
      </session-layers>
    </session-connection-data>
  </multicast-session>
</multicast-sessions-information>
```

Description

<session-origin>

Usage

```
<multicast-sessions-information>
  <multicast-session>
    <session-origin>
      <session-originator-username>
        session-originator-username
      </session-originator-username>
      <session-originator-address>
        session-originator-address
      </session-originator-address>
    </session-origin>
  </multicast-session>
</multicast-sessions-information>
```

Description

CHAPTER 15

Operational Response Tag Elements Specific to EX Series and QFX Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are specific to devices belonging to the following platforms:

- EX Series
- QFX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of Connectivity Fault Management Response Tags on page 6385
- Summary of Chassis Response Tags on page 6497
- Summary of 802.1X Process Response Tags on page 6674
- Summary of ESW Response Tags on page 6695
- Summary of Layer 2 Control Protocol Response Tags on page 6809
- Summary of sFLOW Response Tags on page 6867
- Summary of VCCP Response Tags on page 6869
- Summary of Uplink Failure Detection Information Response Tags on page 6942

Summary of Connectivity Fault Management Response Tags

<cfm-adjacency-entry>

Usage

```
<cfm-adjacency-information>
  <cfm-adjacency-entry>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
```

```
<cfm-interface-state>
  cfm-interface-state
</cfm-interface-state>
<cfm-interface-time-to-expire>
  cfm-interface-time-to-expire
</cfm-interface-time-to-expire>
</cfm-adjacency-entry>
</cfm-adjacency-information>
```

Description

<cfm-adjacency-information>

Usage

```
<cfm-adjacency-information>
  <cfm-adjacency-entry>....</cfm-adjacency-entry>
</cfm-adjacency-information>
```

Description

<cfm-counters-route-socket-operations>

Usage

```
<cfm-counters-route-socket-operations>
  <cfm-route-socket-message-counters>....</cfm-route-socket-message-counters>

</cfm-counters-route-socket-operations>
```

Description

<cfm-counters-route-socket-received>

Usage

```
<cfm-counters-route-socket-received>
  <cfm-route-socket-message-counters>....</cfm-route-socket-message-counters>

</cfm-counters-route-socket-received>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-entry>
  <cfm-cross-connect-sessions>
    <cfm-cross-connect-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
    </cfm-cross-connect-session>
  </cfm-cross-connect-sessions>
</cfm-entry>
```

```

    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-domain-name-format>
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>

```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
        <cfm-mep-identifier>

```

```
    cfm-mep-identifier
  </cfm-mep-identifier>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-cross-connect-session>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
        <cfm-mep-identifier>
          cfm-mep-identifier
        </cfm-mep-identifier>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
      </cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
        <cfm-mep-identifier>
          cfm-mep-identifier
        </cfm-mep-identifier>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
      </cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-cross-connect-session>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>

```

```
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-domain-name-format>
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
</cfm-cross-connect-session>
</cfm-cross-connect-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-entry>
  <cfm-cross-connect-sessions>
    <cfm-cross-connect-session-count>
      cfm-cross-connect-session-count
    </cfm-cross-connect-session-count>
    <cfm-cross-connect-session>....</cfm-cross-connect-session>
  </cfm-cross-connect-sessions>
</cfm-entry>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
```

```
</cfm-interface>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-cross-connect-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-cross-connect-sessions>
      <cfm-cross-connect-session-count>
        cfm-cross-connect-session-count
      </cfm-cross-connect-session-count>
      <cfm-cross-connect-session>....</cfm-cross-connect-session>
    </cfm-cross-connect-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-delay-statistics>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>....</cfm-entry>
</cfm-delay-statistics>
```

Description Information about ethernet delay statistics for one or more CFM sessions

<cfm-dfwd-pending-transactions>

Usage

```
<cfmd-internal-state>
  <cfm-dfwd-pending-transactions>
    <cfm-dfwd-transaction>....</cfm-dfwd-transaction>
  </cfm-dfwd-pending-transactions>
</cfmd-internal-state>
```

Description

<cfm-dfwd-transaction>

Usage

```
<cfmd-internal-state>
  <cfm-dfwd-pending-transactions>
    <cfm-dfwd-transaction>
      <cfm-dfwd-transaction-id>
        cfm-dfwd-transaction-id
      </cfm-dfwd-transaction-id>
      <cfm-dfwd-nh-to-delete>
        cfm-dfwd-nh-to-delete
      </cfm-dfwd-nh-to-delete>
    </cfm-dfwd-transaction>
  </cfm-dfwd-pending-transactions>
</cfmd-internal-state>
```

Description

<cfm-entry>

Usage

```
<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

  <cfm-mep-database-interface>....</cfm-mep-database-interface>
  <cfm-local-mep>....</cfm-local-mep>
  <cfm-local-mep-defects>....</cfm-local-mep-defects>
  <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
  <cfm-remote-meps>....</cfm-remote-meps>
```

```

<cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
<cfm-error-sessions>....</cfm-error-sessions>
<cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
<cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
<cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
<cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
<cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

<cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

</cfm-entry>

```

Description

<cfm-entry>

Usage

```

<cfm-interface>
<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

  <cfm-mep-database-interface>....</cfm-mep-database-interface>
  <cfm-local-mep>....</cfm-local-mep>
  <cfm-local-mep-defects>....</cfm-local-mep-defects>
  <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
  <cfm-remote-meps>....</cfm-remote-meps>
  <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
  <cfm-error-sessions>....</cfm-error-sessions>
  <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
  <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
  <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
  <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
  <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

  <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

</cfm-entry>
</cfm-interface>

```

Description

<cfm-entry>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

```

```

<cfm-mep-database-interface>....</cfm-mep-database-interface>
<cfm-local-mep>....</cfm-local-mep>
<cfm-local-mep-defects>....</cfm-local-mep-defects>
<cfm-local-mep-statistics>....</cfm-local-mep-statistics>
<cfm-remote-meps>....</cfm-remote-meps>
<cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
<cfm-error-sessions>....</cfm-error-sessions>
<cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
<cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
<cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
<cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
<cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

<cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-entry>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
  <cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

  <cfm-mep-database-interface>....</cfm-mep-database-interface>
  <cfm-local-mep>....</cfm-local-mep>
  <cfm-local-mep-defects>....</cfm-local-mep-defects>
  <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
  <cfm-remote-meps>....</cfm-remote-meps>
  <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
  <cfm-error-sessions>....</cfm-error-sessions>
  <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
  <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
  <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
  <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
  <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

  <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-entry>

Usage

```

<cfm-delay-statistics>

```

```

<cfm-entry>
  <cfm-interface-entry>....</cfm-interface-entry>
  <cfm-interface-sessions>....</cfm-interface-sessions>
  <cfm-mep-database-session>....</cfm-mep-database-session>
<cfm-mep-database-continuity-check>....</cfm-mep-database-continuity-check>

  <cfm-mep-database-interface>....</cfm-mep-database-interface>
  <cfm-local-mep>....</cfm-local-mep>
  <cfm-local-mep-defects>....</cfm-local-mep-defects>
  <cfm-local-mep-statistics>....</cfm-local-mep-statistics>
  <cfm-remote-meps>....</cfm-remote-meps>
  <cfm-cross-connect-sessions>....</cfm-cross-connect-sessions>
  <cfm-error-sessions>....</cfm-error-sessions>
  <cfm-mep-statistics-mep-summary>....</cfm-mep-statistics-mep-summary>
  <cfm-local-mep-packet-statistics>....</cfm-local-mep-packet-statistics>
  <cfm-remote-mep-brief-summary>....</cfm-remote-mep-brief-summary>
  <cfm-ethdm-delay-entry>....</cfm-ethdm-delay-entry>
  <cfm-ethdm-oneway-delay-summary>....</cfm-ethdm-oneway-delay-summary>

  <cfm-ethdm-twoway-delay-summary>....</cfm-ethdm-twoway-delay-summary>

</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-error-session>

Usage

```

<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
    </cfm-error-session>
  </cfm-error-sessions>
</cfm-entry>

```

```
</cfm-continuity-check-interval>
<cfm-mep-identifier>
  cfm-mep-identifier
</cfm-mep-identifier>
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
```

Description

<cfm-error-session>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-mep-identifier>
        cfm-mep-identifier
      </cfm-mep-identifier>
    </cfm-error-session>
  </cfm-error-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-error-session>**Usage**

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>
          cfm-maintenance-domain-name-format
        </cfm-maintenance-domain-name-format>
        <cfm-maintenance-association-name>
          cfm-maintenance-association-name
        </cfm-maintenance-association-name>
        <cfm-maintenance-association-name-format>
          cfm-maintenance-association-name-format
        </cfm-maintenance-association-name-format>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-mep-identifier>
          cfm-mep-identifier
        </cfm-mep-identifier>
      </cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description**<cfm-error-session>****Usage**

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session>
        <cfm-session-defect-type>
          cfm-session-defect-type
        </cfm-session-defect-type>
        <cfm-session-defect-description>
          cfm-session-defect-description
        </cfm-session-defect-description>
        <cfm-level>

```

```
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-domain-name-format>
    cfm-maintenance-domain-name-format
  </cfm-maintenance-domain-name-format>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-maintenance-association-name-format>
    cfm-maintenance-association-name-format
  </cfm-maintenance-association-name-format>
  <cfm-continuity-check-interval>
    cfm-continuity-check-interval
  </cfm-continuity-check-interval>
  <cfm-mep-identifier>
    cfm-mep-identifier
  </cfm-mep-identifier>
</cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-error-session>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session>
      <cfm-session-defect-type>
        cfm-session-defect-type
      </cfm-session-defect-type>
      <cfm-session-defect-description>
        cfm-session-defect-description
      </cfm-session-defect-description>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
```

```

    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
  </cfm-error-session>
</cfm-error-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-entry>
  <cfm-error-sessions>
    <cfm-error-session-count>
      cfm-error-session-count
    </cfm-error-session-count>
    <cfm-error-session>....</cfm-error-session>
  </cfm-error-sessions>
</cfm-entry>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-error-sessions>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-database>

```

```
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-error-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>.....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-error-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-error-sessions>
      <cfm-error-session-count>
        cfm-error-session-count
      </cfm-error-session-count>
      <cfm-error-session>.....</cfm-error-session>
    </cfm-error-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-ethdm-delay-entry>

Usage

```
<cfm-entry>
  <cfm-ethdm-delay-entry>
    <cfm-ethdm-delay-entry-index>
      cfm-ethdm-delay-entry-index
    </cfm-ethdm-delay-entry-index>
    <cfm-ethdm-oneway-delay>
      cfm-ethdm-oneway-delay
    </cfm-ethdm-oneway-delay>
    <cfm-ethdm-twoway-delay>
      cfm-ethdm-twoway-delay
    </cfm-ethdm-twoway-delay>
  </cfm-ethdm-delay-entry>
</cfm-entry>
```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay
      </cfm-ethdm-oneway-delay>
      <cfm-ethdm-twoway-delay>
        cfm-ethdm-twoway-delay
      </cfm-ethdm-twoway-delay>
    </cfm-ethdm-delay-entry>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-ethdm-delay-entry>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethdm-delay-entry>
      <cfm-ethdm-delay-entry-index>
        cfm-ethdm-delay-entry-index
      </cfm-ethdm-delay-entry-index>
      <cfm-ethdm-oneway-delay>
        cfm-ethdm-oneway-delay

```

```
</cfm-ethdm-oneway-delay>
<cfm-ethdm-twoway-delay>
  cfm-ethdm-twoway-delay
</cfm-ethdm-twoway-delay>
</cfm-ethdm-delay-entry>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-ethdm-delay-entry>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-ethdm-delay-entry>
    <cfm-ethdm-delay-entry-index>
      cfm-ethdm-delay-entry-index
    </cfm-ethdm-delay-entry-index>
    <cfm-ethdm-oneway-delay>
      cfm-ethdm-oneway-delay
    </cfm-ethdm-oneway-delay>
    <cfm-ethdm-twoway-delay>
      cfm-ethdm-twoway-delay
    </cfm-ethdm-twoway-delay>
  </cfm-ethdm-delay-entry>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-entry>
<cfm-ethdm-oneway-delay-summary>
  <cfm-ethdm-average-oneway-delay>
    cfm-ethdm-average-oneway-delay
  </cfm-ethdm-average-oneway-delay>
  <cfm-ethdm-average-oneway-delay-variation>
    cfm-ethdm-average-oneway-delay-variation
  </cfm-ethdm-average-oneway-delay-variation>
  <cfm-ethdm-bestcase-oneway-delay>
    cfm-ethdm-bestcase-oneway-delay
  </cfm-ethdm-bestcase-oneway-delay>
  <cfm-ethdm-worstcase-oneway-delay>
    cfm-ethdm-worstcase-oneway-delay
  </cfm-ethdm-worstcase-oneway-delay>
</cfm-ethdm-oneway-delay-summary>
</cfm-entry>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-oneway-delay-summary>
      <cfm-ethdm-average-oneway-delay>
        cfm-ethdm-average-oneway-delay
      </cfm-ethdm-average-oneway-delay>
      <cfm-ethdm-average-oneway-delay-variation>
        cfm-ethdm-average-oneway-delay-variation
      </cfm-ethdm-average-oneway-delay-variation>
      <cfm-ethdm-bestcase-oneway-delay>
        cfm-ethdm-bestcase-oneway-delay
      </cfm-ethdm-bestcase-oneway-delay>
      <cfm-ethdm-worstcase-oneway-delay>
        cfm-ethdm-worstcase-oneway-delay
      </cfm-ethdm-worstcase-oneway-delay>
    </cfm-ethdm-oneway-delay-summary>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-ethdm-oneway-delay-summary>
      <cfm-ethdm-average-oneway-delay>
        cfm-ethdm-average-oneway-delay
      </cfm-ethdm-average-oneway-delay>
      <cfm-ethdm-average-oneway-delay-variation>
        cfm-ethdm-average-oneway-delay-variation
      </cfm-ethdm-average-oneway-delay-variation>
      <cfm-ethdm-bestcase-oneway-delay>
        cfm-ethdm-bestcase-oneway-delay
      </cfm-ethdm-bestcase-oneway-delay>
      <cfm-ethdm-worstcase-oneway-delay>
        cfm-ethdm-worstcase-oneway-delay
      </cfm-ethdm-worstcase-oneway-delay>
    </cfm-ethdm-oneway-delay-summary>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethdm-oneway-delay-summary>

```

```
<cfm-ethdm-average-oneway-delay>
  cfm-ethdm-average-oneway-delay
</cfm-ethdm-average-oneway-delay>
<cfm-ethdm-average-oneway-delay-variation>
  cfm-ethdm-average-oneway-delay-variation
</cfm-ethdm-average-oneway-delay-variation>
<cfm-ethdm-bestcase-oneway-delay>
  cfm-ethdm-bestcase-oneway-delay
</cfm-ethdm-bestcase-oneway-delay>
<cfm-ethdm-worstcase-oneway-delay>
  cfm-ethdm-worstcase-oneway-delay
</cfm-ethdm-worstcase-oneway-delay>
</cfm-ethdm-oneway-delay-summary>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-ethdm-oneway-delay-summary>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-ethdm-oneway-delay-summary>
    <cfm-ethdm-average-oneway-delay>
      cfm-ethdm-average-oneway-delay
    </cfm-ethdm-average-oneway-delay>
    <cfm-ethdm-average-oneway-delay-variation>
      cfm-ethdm-average-oneway-delay-variation
    </cfm-ethdm-average-oneway-delay-variation>
    <cfm-ethdm-bestcase-oneway-delay>
      cfm-ethdm-bestcase-oneway-delay
    </cfm-ethdm-bestcase-oneway-delay>
    <cfm-ethdm-worstcase-oneway-delay>
      cfm-ethdm-worstcase-oneway-delay
    </cfm-ethdm-worstcase-oneway-delay>
  </cfm-ethdm-oneway-delay-summary>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-entry>
  <cfm-ethdm-twoway-delay-summary>
    <cfm-ethdm-average-twoway-delay>
      cfm-ethdm-average-twoway-delay
    </cfm-ethdm-average-twoway-delay>
    <cfm-ethdm-average-twoway-delay-variation>
      cfm-ethdm-average-twoway-delay-variation
    </cfm-ethdm-average-twoway-delay-variation>
    <cfm-ethdm-bestcase-twoway-delay>
```



```

    cfm-ethdm-bestcase-twoway-delay
  </cfm-ethdm-bestcase-twoway-delay>
  <cfm-ethdm-worstcase-twoway-delay>
    cfm-ethdm-worstcase-twoway-delay
  </cfm-ethdm-worstcase-twoway-delay>
</cfm-ethdm-twoway-delay-summary>
</cfm-entry>

```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>

```

```
</cfm-mep-database>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-ethdm-twoway-delay-summary>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-ethdm-twoway-delay-summary>
      <cfm-ethdm-average-twoway-delay>
        cfm-ethdm-average-twoway-delay
      </cfm-ethdm-average-twoway-delay>
      <cfm-ethdm-average-twoway-delay-variation>
        cfm-ethdm-average-twoway-delay-variation
      </cfm-ethdm-average-twoway-delay-variation>
      <cfm-ethdm-bestcase-twoway-delay>
        cfm-ethdm-bestcase-twoway-delay
      </cfm-ethdm-bestcase-twoway-delay>
      <cfm-ethdm-worstcase-twoway-delay>
        cfm-ethdm-worstcase-twoway-delay
      </cfm-ethdm-worstcase-twoway-delay>
    </cfm-ethdm-twoway-delay-summary>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-filter>**Usage**

```

<cfm-filter>
  <cfm-filter-name>
    cfm-filter-name
  </cfm-filter-name>
  <cfm-filter-state>
    cfm-filter-state
  </cfm-filter-state>
  <cfm-filter-term-count>
    cfm-filter-term-count
  </cfm-filter-term-count>
  <cfm-filter-term-attachment>
    cfm-filter-term-attachment
  </cfm-filter-term-attachment>
</cfm-filter>

```

Description**<cfm-filter>****Usage**

```

<cfm-firewall-filter-instance-information>
  <cfm-filter>
    <cfm-filter-name>
      cfm-filter-name
    </cfm-filter-name>
    <cfm-filter-state>
      cfm-filter-state
    </cfm-filter-state>
    <cfm-filter-term-count>
      cfm-filter-term-count
    </cfm-filter-term-count>
    <cfm-filter-term-attachment>
      cfm-filter-term-attachment
    </cfm-filter-term-attachment>
  </cfm-filter>
</cfm-firewall-filter-instance-information>

```

Description**<cfm-filter>****Usage**

```

<cfm-firewall-filter-interface-information>
  <cfm-filter>
    <cfm-filter-name>
      cfm-filter-name
    </cfm-filter-name>
    <cfm-filter-state>
      cfm-filter-state
    </cfm-filter-state>
    <cfm-filter-term-count>

```

```
    cfm-filter-term-count
  </cfm-filter-term-count>
  <cfm-filter-term-attachment>
    cfm-filter-term-attachment
  </cfm-filter-term-attachment>
</cfm-filter>
</cfm-firewall-filter-interface-information>
```

Description

<cfm-filter-term>

Usage

```
<cfm-filter-term>
  <cfm-filter-term-name>
    cfm-filter-term-name
  </cfm-filter-term-name>
  <cfm-filter-term-id>
    cfm-filter-term-id
  </cfm-filter-term-id>
  <cfm-filter-term-state>
    cfm-filter-term-state
  </cfm-filter-term-state>
  <cfm-filter-term-key>
    cfm-filter-term-key
  </cfm-filter-term-key>
  <cfm-filter-term-action>
    cfm-filter-term-action
  </cfm-filter-term-action>
  <cfm-filter-term-action-details>
    cfm-filter-term-action-details
  </cfm-filter-term-action-details>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-filter-term>
```

Description

<cfm-filter-term>

Usage

```
<cfm-firewall-filter-instance-information>
  <cfm-filter-term>
    <cfm-filter-term-name>
      cfm-filter-term-name
    </cfm-filter-term-name>
    <cfm-filter-term-id>
      cfm-filter-term-id
    </cfm-filter-term-id>
    <cfm-filter-term-state>
      cfm-filter-term-state
    </cfm-filter-term-state>
    <cfm-filter-term-key>
      cfm-filter-term-key
    </cfm-filter-term-key>
```

```

    <cfm-filter-term-action>
      cfm-filter-term-action
    </cfm-filter-term-action>
    <cfm-filter-term-action-details>
      cfm-filter-term-action-details
    </cfm-filter-term-action-details>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-filter-term>

Usage

```

<cfm-firewall-filter-interface-information>
  <cfm-filter-term>
    <cfm-filter-term-name>
      cfm-filter-term-name
    </cfm-filter-term-name>
    <cfm-filter-term-id>
      cfm-filter-term-id
    </cfm-filter-term-id>
    <cfm-filter-term-state>
      cfm-filter-term-state
    </cfm-filter-term-state>
    <cfm-filter-term-key>
      cfm-filter-term-key
    </cfm-filter-term-key>
    <cfm-filter-term-action>
      cfm-filter-term-action
    </cfm-filter-term-action>
    <cfm-filter-term-action-details>
      cfm-filter-term-action-details
    </cfm-filter-term-action-details>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-interface-information>

```

Description

<cfm-firewall-filter-instance-information>

Usage

```

<cfm-firewall-filter-instance-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-filter>....</cfm-filter>
  <cfm-filter-term>....</cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-firewall-filter-interface-information>

Usage

```
<cfm-firewall-filter-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-filter>....</cfm-filter>
  <cfm-filter-term>....</cfm-filter-term>
</cfm-firewall-filter-interface-information>
```

Description

<cfm-flood-instance-information>

Usage

```
<cfm-flood-instance-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-num-active-customer-endpoint-iffs>
    cfm-num-active-customer-endpoint-iffs
  </cfm-num-active-customer-endpoint-iffs>
  <cfm-num-active-vpn-endpoint-iffs>
    cfm-num-active-vpn-endpoint-iffs
  </cfm-num-active-vpn-endpoint-iffs>

  <cfm-flood-maintenance-domain-level>....</cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>
```

Description

<cfm-flood-interface-information>

Usage

```
<cfm-flood-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>

  <cfm-flood-maintenance-domain-level>....</cfm-flood-maintenance-domain-level>
</cfm-flood-interface-information>
```

Description

<cfm-flood-maintenance-domain-level>**Usage**

```

<cfm-flood-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-filter-action>
    cfm-filter-action
  </cfm-filter-action>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>

```

Description**<cfm-flood-maintenance-domain-level>****Usage**

```

<cfm-flood-instance-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-filter-action>
      cfm-filter-action
    </cfm-filter-action>
    <cfm-nexthop-type>
      cfm-nexthop-type
    </cfm-nexthop-type>
    <cfm-nexthop-index>
      cfm-nexthop-index
    </cfm-nexthop-index>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>

```

Description**<cfm-flood-maintenance-domain-level>****Usage**

```

<cfm-flood-interface-information>

```

```
<cfm-flood-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-filter-action>
    cfm-filter-action
  </cfm-filter-action>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>
</cfm-flood-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-flood-nexthop-components>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-type>
    cfm-interface-type
  </cfm-interface-type>
  <cfm-interface-nexthop-type>
    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-flood-maintenance-domain-level>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
```



```

    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-flood-maintenance-domain-level>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-flood-instance-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>
</cfm-flood-instance-information>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-flood-interface-information>
  <cfm-flood-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-flood-maintenance-domain-level>

```

```
</cfm-flood-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-route-maintenance-domain-level>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-route-maintenance-domain-level>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-transmit-interface-information>
  <cfm-route-maintenance-domain-level>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-route-maintenance-domain-level>
</cfm-transmit-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-filter-term>
```

```

<cfm-flood-nexthop-components>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-type>
    cfm-interface-type
  </cfm-interface-type>
  <cfm-interface-nexthop-type>
    cfm-interface-nexthop-type
  </cfm-interface-nexthop-type>
  <cfm-interface-nexthop-index>
    cfm-interface-nexthop-index
  </cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-filter-term>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-firewall-filter-instance-information>
  <cfm-filter-term>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
      <cfm-interface-nexthop-type>
        cfm-interface-nexthop-type
      </cfm-interface-nexthop-type>
      <cfm-interface-nexthop-index>
        cfm-interface-nexthop-index
      </cfm-interface-nexthop-index>
    </cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-instance-information>

```

Description

<cfm-flood-nexthop-components>

Usage

```

<cfm-firewall-filter-interface-information>
  <cfm-filter-term>
    <cfm-flood-nexthop-components>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-type>
        cfm-interface-type
      </cfm-interface-type>
    </cfm-flood-nexthop-components>
  </cfm-filter-term>
</cfm-firewall-filter-interface-information>

```

```
<cfm-interface-nexthop-type>
  cfm-interface-nexthop-type
</cfm-interface-nexthop-type>
<cfm-interface-nexthop-index>
  cfm-interface-nexthop-index
</cfm-interface-nexthop-index>
</cfm-flood-nexthop-components>
</cfm-filter-term>
</cfm-firewall-filter-interface-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-nexthop-information>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-nexthop-information>
```

Description

<cfm-flood-nexthop-components>

Usage

```
<cfm-route-information>
  <cfm-flood-nexthop-components>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-type>
      cfm-interface-type
    </cfm-interface-type>
    <cfm-interface-nexthop-type>
      cfm-interface-nexthop-type
    </cfm-interface-nexthop-type>
    <cfm-interface-nexthop-index>
      cfm-interface-nexthop-index
    </cfm-interface-nexthop-index>
  </cfm-flood-nexthop-components>
</cfm-route-information>
```

Description

<cfm-instance-mip-information>

Usage

```

<cfm-instance-mip-information>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>
  <cfm-maintenance-domain-mhf>
    cfm-maintenance-domain-mhf
  </cfm-maintenance-domain-mhf>
  <cfm-maintenance-association-mhf>
    cfm-maintenance-association-mhf
  </cfm-maintenance-association-mhf>
  <cfm-default-maintenance-domain-mhf>
    cfm-default-maintenance-domain-mhf
  </cfm-default-maintenance-domain-mhf>
  <cfm-interface-mip-information>....</cfm-interface-mip-information>
</cfm-instance-mip-information>

```

Description

<cfm-instance-mip-information>

Usage

```

<cfm-mip-information>
  <cfm-instance-mip-information>
    <cfm-instance-name>
      cfm-instance-name
    </cfm-instance-name>
    <cfm-maintenance-domain-mhf>
      cfm-maintenance-domain-mhf
    </cfm-maintenance-domain-mhf>
    <cfm-maintenance-association-mhf>
      cfm-maintenance-association-mhf
    </cfm-maintenance-association-mhf>
    <cfm-default-maintenance-domain-mhf>
      cfm-default-maintenance-domain-mhf
    </cfm-default-maintenance-domain-mhf>
    <cfm-interface-mip-information>....</cfm-interface-mip-information>
  </cfm-instance-mip-information>
</cfm-mip-information>

```

Description

<cfm-interface>

Usage

```

<cfm-interface>
  <cfm-interface-snapshot>....</cfm-interface-snapshot>
  <cfm-entry>....</cfm-entry>
</cfm-interface>

```

Description Information about connectivity fault management for one or more interfaces

<cfm-interface-continuity-check>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-continuity-check>
        <cfm-continuity-check-status>
          cfm-continuity-check-status
        </cfm-continuity-check-status>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-continuity-check-loss-threshold>
          cfm-continuity-check-loss-threshold
        </cfm-continuity-check-loss-threshold>
      </cfm-interface-continuity-check>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>
          <cfm-continuity-check-status>
            cfm-continuity-check-status
          </cfm-continuity-check-status>
          <cfm-continuity-check-interval>
            cfm-continuity-check-interval
          </cfm-continuity-check-interval>
          <cfm-continuity-check-loss-threshold>
            cfm-continuity-check-loss-threshold
          </cfm-continuity-check-loss-threshold>
        </cfm-interface-continuity-check>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-continuity-check>

Usage

```
<cfm-mep-database>
```

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-continuity-check>
        <cfm-continuity-check-status>
          cfm-continuity-check-status
        </cfm-continuity-check-status>
        <cfm-continuity-check-interval>
          cfm-continuity-check-interval
        </cfm-continuity-check-interval>
        <cfm-continuity-check-loss-threshold>
          cfm-continuity-check-loss-threshold
        </cfm-continuity-check-loss-threshold>
      </cfm-interface-continuity-check>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-continuity-check>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>
          <cfm-continuity-check-status>
            cfm-continuity-check-status
          </cfm-continuity-check-status>
          <cfm-continuity-check-interval>
            cfm-continuity-check-interval
          </cfm-continuity-check-interval>
          <cfm-continuity-check-loss-threshold>
            cfm-continuity-check-loss-threshold
          </cfm-continuity-check-loss-threshold>
        </cfm-interface-continuity-check>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-continuity-check>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-continuity-check>

```

```
<cfm-continuity-check-status>
  cfm-continuity-check-status
</cfm-continuity-check-status>
<cfm-continuity-check-interval>
  cfm-continuity-check-interval
</cfm-continuity-check-interval>
<cfm-continuity-check-loss-threshold>
  cfm-continuity-check-loss-threshold
</cfm-continuity-check-loss-threshold>
</cfm-interface-continuity-check>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-entry>
  <cfm-interface-entry>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
  </cfm-interface-entry>
</cfm-entry>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
```


</cfm-interface>

Description

<cfm-interface-entry>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-interface-entry>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-entry>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-entry>
      <cfm-interface-name>
        cfm-interface-name
```

```
</cfm-interface-name>
<cfm-interface-status>
  cfm-interface-status
</cfm-interface-status>
<cfm-interface-link-status>
  cfm-interface-link-status
</cfm-interface-link-status>
</cfm-interface-entry>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-interface-local-mep-defects>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-interface>
<cfm-entry>
<cfm-interface-sessions>
<cfm-interface-session>
  <cfm-interface-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
```

```

    cfm-defect-error-ccm
  </cfm-defect-error-ccm>
  <cfm-defect-cross-connect-ccm>
    cfm-defect-cross-connect-ccm
  </cfm-defect-cross-connect-ccm>
  <cfm-defect-rdi-in-some-mep>
    cfm-defect-rdi-in-some-mep
  </cfm-defect-rdi-in-some-mep>
  <cfm-defect-mac-status>
    cfm-defect-mac-status
  </cfm-defect-mac-status>
</cfm-interface-local-mep-defects>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-local-mep-defects>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-defects>
          <cfm-defect-remote-mep-no-ccm>
            cfm-defect-remote-mep-no-ccm
          </cfm-defect-remote-mep-no-ccm>
          <cfm-defect-error-ccm>
            cfm-defect-error-ccm
          </cfm-defect-error-ccm>
          <cfm-defect-cross-connect-ccm>
            cfm-defect-cross-connect-ccm
          </cfm-defect-cross-connect-ccm>
          <cfm-defect-rdi-in-some-mep>
            cfm-defect-rdi-in-some-mep
          </cfm-defect-rdi-in-some-mep>
          <cfm-defect-mac-status>
            cfm-defect-mac-status
          </cfm-defect-mac-status>
        </cfm-interface-local-mep-defects>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-local-mep-defects>

Usage

```

<cfm-mep-statistics>

```

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-defects>
        <cfm-defect-remote-mep-no-ccm>
          cfm-defect-remote-mep-no-ccm
        </cfm-defect-remote-mep-no-ccm>
        <cfm-defect-error-ccm>
          cfm-defect-error-ccm
        </cfm-defect-error-ccm>
        <cfm-defect-cross-connect-ccm>
          cfm-defect-cross-connect-ccm
        </cfm-defect-cross-connect-ccm>
        <cfm-defect-rdi-in-some-mep>
          cfm-defect-rdi-in-some-mep
        </cfm-defect-rdi-in-some-mep>
        <cfm-defect-mac-status>
          cfm-defect-mac-status
        </cfm-defect-mac-status>
      </cfm-interface-local-mep-defects>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-local-mep-defects>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-defects>
          <cfm-defect-remote-mep-no-ccm>
            cfm-defect-remote-mep-no-ccm
          </cfm-defect-remote-mep-no-ccm>
          <cfm-defect-error-ccm>
            cfm-defect-error-ccm
          </cfm-defect-error-ccm>
          <cfm-defect-cross-connect-ccm>
            cfm-defect-cross-connect-ccm
          </cfm-defect-cross-connect-ccm>
          <cfm-defect-rdi-in-some-mep>
            cfm-defect-rdi-in-some-mep
          </cfm-defect-rdi-in-some-mep>
          <cfm-defect-mac-status>
            cfm-defect-mac-status
          </cfm-defect-mac-status>
        </cfm-interface-local-mep-defects>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
```

```
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-info>
        <cfm-local-mep-identifier>
          cfm-local-mep-identifier
        </cfm-local-mep-identifier>
        <cfm-local-mep-direction>
          cfm-local-mep-direction
        </cfm-local-mep-direction>
        <cfm-local-mep-mac-address>
          cfm-local-mep-mac-address
        </cfm-local-mep-mac-address>
        <cfm-local-mep-status>
          cfm-local-mep-status
        </cfm-local-mep-status>
      </cfm-interface-local-mep-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
```

</cfm-interface>

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-local-mep-info>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-info>
          <cfm-local-mep-identifier>
            cfm-local-mep-identifier
          </cfm-local-mep-identifier>
          <cfm-local-mep-direction>
            cfm-local-mep-direction
          </cfm-local-mep-direction>
          <cfm-local-mep-mac-address>
            cfm-local-mep-mac-address
          </cfm-local-mep-mac-address>
          <cfm-local-mep-status>
            cfm-local-mep-status
          </cfm-local-mep-status>
        </cfm-interface-local-mep-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

```

    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-local-mep-info>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-info>
        <cfm-local-mep-identifier>
          cfm-local-mep-identifier
        </cfm-local-mep-identifier>
        <cfm-local-mep-direction>
          cfm-local-mep-direction
        </cfm-local-mep-direction>
        <cfm-local-mep-mac-address>
          cfm-local-mep-mac-address
        </cfm-local-mep-mac-address>
        <cfm-local-mep-status>
          cfm-local-mep-status
        </cfm-local-mep-status>
      </cfm-interface-local-mep-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-interface-local-mep-statistics>

Usage

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>

```

```
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
```



```
</cfm-entry>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>
          cfm-lbr-received
        </cfm-lbr-received>
        <cfm-lbr-received-out-of-order>
          cfm-lbr-received-out-of-order
        </cfm-lbr-received-out-of-order>
        <cfm-lbr-bad-msdu>
          cfm-lbr-bad-msdu
        </cfm-lbr-bad-msdu>
        <cfm-total-ltm-sent>
          cfm-total-ltm-sent
        </cfm-total-ltm-sent>
        <cfm-total-ltm-received>
          cfm-total-ltm-received
        </cfm-total-ltm-received>
        <cfm-total-ltr-sent>
          cfm-total-ltr-sent
        </cfm-total-ltr-sent>
        <cfm-total-ltr-received>
          cfm-total-ltr-received
        </cfm-total-ltr-received>
        <cfm-next-ltm-sequence-number>
          cfm-next-ltm-sequence-number
        </cfm-next-ltm-sequence-number>
        <cfm-onedm-sent>
          cfm-onedm-sent
        </cfm-onedm-sent>
        <cfm-onedm-received>
          cfm-onedm-received
        </cfm-onedm-received>
        <cfm-onedm-received-invalid>
```

```
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  </cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-statistics>
          <cfm-total-ccm-sent>
            cfm-total-ccm-sent
          </cfm-total-ccm-sent>
          <cfm-out-of-sequence-ccm-received>
            cfm-out-of-sequence-ccm-received
          </cfm-out-of-sequence-ccm-received>
          <cfm-lbm-sent>
            cfm-lbm-sent
          </cfm-lbm-sent>
          <cfm-lbr-sent>
            cfm-lbr-sent
          </cfm-lbr-sent>
          <cfm-lbr-received>
            cfm-lbr-received
          </cfm-lbr-received>
          <cfm-lbr-received-out-of-order>
```

```
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-local-mep-statistics>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-statistics>
          <cfm-total-ccm-sent>
            cfm-total-ccm-sent
          </cfm-total-ccm-sent>
          <cfm-out-of-sequence-ccm-received>
            cfm-out-of-sequence-ccm-received
          </cfm-out-of-sequence-ccm-received>
          <cfm-lbm-sent>
            cfm-lbm-sent
          </cfm-lbm-sent>
          <cfm-lbr-sent>
            cfm-lbr-sent
          </cfm-lbr-sent>
          <cfm-lbr-received>
            cfm-lbr-received
          </cfm-lbr-received>
          <cfm-lbr-received-out-of-order>
            cfm-lbr-received-out-of-order
          </cfm-lbr-received-out-of-order>
          <cfm-lbr-bad-msdu>
            cfm-lbr-bad-msdu
          </cfm-lbr-bad-msdu>
          <cfm-total-ltm-sent>
            cfm-total-ltm-sent
          </cfm-total-ltm-sent>
          <cfm-total-ltm-received>
            cfm-total-ltm-received
          </cfm-total-ltm-received>
          <cfm-total-ltr-sent>
            cfm-total-ltr-sent
          </cfm-total-ltr-sent>
          <cfm-total-ltr-received>
            cfm-total-ltr-received
          </cfm-total-ltr-received>
          <cfm-next-ltm-sequence-number>
            cfm-next-ltm-sequence-number
          </cfm-next-ltm-sequence-number>
          <cfm-onedm-sent>
            cfm-onedm-sent
          </cfm-onedm-sent>
          <cfm-onedm-received>
            cfm-onedm-received
          </cfm-onedm-received>
          <cfm-onedm-received-invalid>
            cfm-onedm-received-invalid
          </cfm-onedm-received-invalid>
          <cfm-onedm-received-outofsync>
```

```

    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-local-mep-statistics>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-statistics>
        <cfm-total-ccm-sent>
          cfm-total-ccm-sent
        </cfm-total-ccm-sent>
        <cfm-out-of-sequence-ccm-received>
          cfm-out-of-sequence-ccm-received
        </cfm-out-of-sequence-ccm-received>
        <cfm-lbm-sent>
          cfm-lbm-sent
        </cfm-lbm-sent>
        <cfm-lbr-sent>
          cfm-lbr-sent
        </cfm-lbr-sent>
        <cfm-lbr-received>
          cfm-lbr-received
        </cfm-lbr-received>
        <cfm-lbr-received-out-of-order>
          cfm-lbr-received-out-of-order
        </cfm-lbr-received-out-of-order>
        <cfm-lbr-bad-msdu>

```

```
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
  </cfm-interface-local-mep-statistics>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-interface-status-tlv>
          cfm-local-mep-interface-status-tlv
        </cfm-local-mep-interface-status-tlv>
        <cfm-local-mep-port-status-tlv>
          cfm-local-mep-port-status-tlv
        </cfm-local-mep-port-status-tlv>
      </cfm-interface-local-mep-tlv-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>

```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>
            cfm-local-mep-port-status-tlv
          </cfm-local-mep-port-status-tlv>
        </cfm-interface-local-mep-tlv-info>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-local-mep-tlv-info>
          <cfm-local-mep-interface-status-tlv>
            cfm-local-mep-interface-status-tlv
          </cfm-local-mep-interface-status-tlv>
          <cfm-local-mep-port-status-tlv>

```

```
    cfm-local-mep-port-status-tlv
  </cfm-local-mep-port-status-tlv>
</cfm-interface-local-mep-tlv-info>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-interface-status-tlv>
          cfm-local-mep-interface-status-tlv
        </cfm-local-mep-interface-status-tlv>
        <cfm-local-mep-port-status-tlv>
          cfm-local-mep-port-status-tlv
        </cfm-local-mep-port-status-tlv>
      </cfm-interface-local-mep-tlv-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-local-mep-tlv-info>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-local-mep-tlv-info>
        <cfm-local-mep-interface-status-tlv>
          cfm-local-mep-interface-status-tlv
        </cfm-local-mep-interface-status-tlv>
        <cfm-local-mep-port-status-tlv>
          cfm-local-mep-port-status-tlv
        </cfm-local-mep-port-status-tlv>
      </cfm-interface-local-mep-tlv-info>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-mip-information>**Usage**

```

<cfm-interface-mip-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
</cfm-interface-mip-information>

```

Description**<cfm-interface-mip-information>****Usage**

```

<cfm-instance-mip-information>
  <cfm-interface-mip-information>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
  </cfm-interface-mip-information>
</cfm-instance-mip-information>

```

Description**<cfm-interface-mip-information>****Usage**

```

<cfm-mip-information>
  <cfm-instance-mip-information>
    <cfm-interface-mip-information>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-level>
        cfm-level
      </cfm-level>
    </cfm-interface-mip-information>
  </cfm-instance-mip-information>
</cfm-mip-information>

```

Description**<cfm-interface-remote-meps>****Usage**

```

<cfm-entry>
  <cfm-interface-sessions>

```

```
<cfm-interface-session>
  <cfm-interface-remote-meps>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
    <cfm-remote-mep>....</cfm-remote-mep>
  </cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-remote-meps>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep-count>
          cfm-remote-mep-count
        </cfm-remote-mep-count>
        <cfm-remote-mep>....</cfm-remote-mep>
      </cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-remote-meps>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep-count>
            cfm-remote-mep-count
          </cfm-remote-mep-count>
          <cfm-remote-mep>....</cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-remote-meps>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep-count>
            cfm-remote-mep-count
          </cfm-remote-mep-count>
          <cfm-remote-mep>....</cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-interface-session>

Usage

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>

```

```
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-session>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-session>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-interface-session>

Usage

```
<cfm-mep-statistics>
```

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
      <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
      <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
      <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
      <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
      <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

      <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
    </cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-session>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>....</cfm-interface-session-identifier>
        <cfm-interface-continuity-check>....</cfm-interface-continuity-check>
        <cfm-interface-local-mep-tlv-info>....</cfm-interface-local-mep-tlv-info>
        <cfm-interface-local-mep-info>....</cfm-interface-local-mep-info>
        <cfm-interface-local-mep-defects>....</cfm-interface-local-mep-defects>
        <cfm-interface-local-mep-statistics>....</cfm-interface-local-mep-statistics>

        <cfm-interface-remote-meps>....</cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-interface-session-identifier>

Usage

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-session-identifier>
        <cfm-level>
          cfm-level
        </cfm-level>
        <cfm-maintenance-domain-name>
          cfm-maintenance-domain-name
        </cfm-maintenance-domain-name>
        <cfm-maintenance-domain-name-format>

```

```
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-interface-session-identifier>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
```

```

    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-interface-session-identifier>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-session-identifier>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-interface-session-identifier>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-session-identifier>
          <cfm-level>
            cfm-level
          </cfm-level>
          <cfm-maintenance-domain-name>
            cfm-maintenance-domain-name
          </cfm-maintenance-domain-name>
          <cfm-maintenance-domain-name-format>
            cfm-maintenance-domain-name-format
          </cfm-maintenance-domain-name-format>
          <cfm-maintenance-association-name>
            cfm-maintenance-association-name
          </cfm-maintenance-association-name>
          <cfm-maintenance-association-name-format>
            cfm-maintenance-association-name-format
          </cfm-maintenance-association-name-format>
        </cfm-interface-session-identifier>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-session-snapshot>

Usage

```
<cfm-interface-snapshot>
  <cfm-interface-session-snapshot>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-interface-session-snapshot>
</cfm-interface-snapshot>
```

Description

<cfm-interface-session-snapshot>

Usage

```
<cfm-interface>
```



```

<cfm-interface-snapshot>
  <cfm-interface-session-snapshot>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-mep-identifier>
      cfm-mep-identifier
    </cfm-mep-identifier>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-interface-session-snapshot>
</cfm-interface-snapshot>
</cfm-interface>

```

Description**<cfm-interface-sessions>****Usage**

```

<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>....</cfm-interface-session>
  </cfm-interface-sessions>
</cfm-entry>

```

Description**<cfm-interface-sessions>****Usage**

```

<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>

```

Description**<cfm-interface-sessions>****Usage**

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-database>

```

Description

<cfm-interface-sessions>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-interface-sessions>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>....</cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-interface-snapshot>

Usage

```
<cfm-interface-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-link-status>
    cfm-interface-link-status
  </cfm-interface-link-status>
  <cfm-interface-status>
    cfm-interface-status
  </cfm-interface-status>
  <cfm-interface-session-snapshot>....</cfm-interface-session-snapshot>
</cfm-interface-snapshot>
```

Description

<cfm-interface-snapshot>

Usage

```
<cfm-interface>
  <cfm-interface-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
```

```

<cfm-interface-link-status>
  cfm-interface-link-status
</cfm-interface-link-status>
<cfm-interface-status>
  cfm-interface-status
</cfm-interface-status>
<cfm-interface-session-snapshot>....</cfm-interface-session-snapshot>
</cfm-interface-snapshot>
</cfm-interface>

```

Description

<cfm-linktrace-path-database>

Usage

```

<cfm-linktrace-path-database>
  <cfm-ltm-request-snapshot>....</cfm-ltm-request-snapshot>
  <cfm-ltr-reply-entry>....</cfm-ltr-reply-entry>
</cfm-linktrace-path-database>

```

Description

<cfm-local-mep>

Usage

```

<cfm-entry>
  <cfm-local-mep>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-local-mep-auto-discovery>
      cfm-local-mep-auto-discovery
    </cfm-local-mep-auto-discovery>
    <cfm-local-mep-priority>
      cfm-local-mep-priority
    </cfm-local-mep-priority>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-status>
      cfm-local-mep-status
    </cfm-local-mep-status>
  </cfm-local-mep>
</cfm-entry>

```

Description

<cfm-local-mep>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>
        cfm-local-mep-direction
      </cfm-local-mep-direction>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-local-mep-auto-discovery>
        cfm-local-mep-auto-discovery
      </cfm-local-mep-auto-discovery>
      <cfm-local-mep-priority>
        cfm-local-mep-priority
      </cfm-local-mep-priority>
      <cfm-local-mep-port-status-tlv>
        cfm-local-mep-port-status-tlv
      </cfm-local-mep-port-status-tlv>
      <cfm-local-mep-interface-status-tlv>
        cfm-local-mep-interface-status-tlv
      </cfm-local-mep-interface-status-tlv>
      <cfm-local-mep-status>
        cfm-local-mep-status
      </cfm-local-mep-status>
    </cfm-local-mep>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-local-mep>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-local-mep>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-direction>
        cfm-local-mep-direction
      </cfm-local-mep-direction>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-local-mep-auto-discovery>
        cfm-local-mep-auto-discovery
```

```

</cfm-local-mep-auto-discovery>
<cfm-local-mep-priority>
  cfm-local-mep-priority
</cfm-local-mep-priority>
<cfm-local-mep-port-status-tlv>
  cfm-local-mep-port-status-tlv
</cfm-local-mep-port-status-tlv>
<cfm-local-mep-interface-status-tlv>
  cfm-local-mep-interface-status-tlv
</cfm-local-mep-interface-status-tlv>
<cfm-local-mep-status>
  cfm-local-mep-status
</cfm-local-mep-status>
</cfm-local-mep>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-local-mep>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-local-mep>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-local-mep-auto-discovery>
      cfm-local-mep-auto-discovery
    </cfm-local-mep-auto-discovery>
    <cfm-local-mep-priority>
      cfm-local-mep-priority
    </cfm-local-mep-priority>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-status>
      cfm-local-mep-status
    </cfm-local-mep-status>
  </cfm-local-mep>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-local-mep>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-local-mep-auto-discovery>
      cfm-local-mep-auto-discovery
    </cfm-local-mep-auto-discovery>
    <cfm-local-mep-priority>
      cfm-local-mep-priority
    </cfm-local-mep-priority>
    <cfm-local-mep-port-status-tlv>
      cfm-local-mep-port-status-tlv
    </cfm-local-mep-port-status-tlv>
    <cfm-local-mep-interface-status-tlv>
      cfm-local-mep-interface-status-tlv
    </cfm-local-mep-interface-status-tlv>
    <cfm-local-mep-status>
      cfm-local-mep-status
    </cfm-local-mep-status>
  </cfm-local-mep>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
  </cfm-local-mep-defects>
</cfm-entry>
```

```

    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>

```

Description

<cfm-local-mep-defects>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-local-mep-defects>
      <cfm-defect-remote-mep-no-ccm>
        cfm-defect-remote-mep-no-ccm
      </cfm-defect-remote-mep-no-ccm>
      <cfm-defect-error-ccm>
        cfm-defect-error-ccm
      </cfm-defect-error-ccm>
      <cfm-defect-cross-connect-ccm>
        cfm-defect-cross-connect-ccm
      </cfm-defect-cross-connect-ccm>
      <cfm-defect-rdi-in-some-mep>
        cfm-defect-rdi-in-some-mep
      </cfm-defect-rdi-in-some-mep>
      <cfm-defect-mac-status>
        cfm-defect-mac-status
      </cfm-defect-mac-status>
    </cfm-local-mep-defects>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep-defects>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-local-mep-defects>
      <cfm-defect-remote-mep-no-ccm>
        cfm-defect-remote-mep-no-ccm
      </cfm-defect-remote-mep-no-ccm>
      <cfm-defect-error-ccm>
        cfm-defect-error-ccm
      </cfm-defect-error-ccm>
      <cfm-defect-cross-connect-ccm>
        cfm-defect-cross-connect-ccm
      </cfm-defect-cross-connect-ccm>
      <cfm-defect-rdi-in-some-mep>
        cfm-defect-rdi-in-some-mep
      </cfm-defect-rdi-in-some-mep>
      <cfm-defect-mac-status>
        cfm-defect-mac-status
      </cfm-defect-mac-status>
    </cfm-local-mep-defects>
  </cfm-entry>
</cfm-mep-database>

```

```
</cfm-local-mep-defects>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
  </cfm-local-mep-defects>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep-defects>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep-defects>
    <cfm-defect-remote-mep-no-ccm>
      cfm-defect-remote-mep-no-ccm
    </cfm-defect-remote-mep-no-ccm>
    <cfm-defect-error-ccm>
      cfm-defect-error-ccm
    </cfm-defect-error-ccm>
    <cfm-defect-cross-connect-ccm>
      cfm-defect-cross-connect-ccm
    </cfm-defect-cross-connect-ccm>
    <cfm-defect-rdi-in-some-mep>
      cfm-defect-rdi-in-some-mep
    </cfm-defect-rdi-in-some-mep>
    <cfm-defect-mac-status>
      cfm-defect-mac-status
    </cfm-defect-mac-status>
```



```

    </cfm-local-mep-defects>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
    <cfm-total-ltm-received>
      cfm-total-ltm-received
    </cfm-total-ltm-received>
    <cfm-total-ltr-sent>
      cfm-total-ltr-sent
    </cfm-total-ltr-sent>
    <cfm-total-ltr-received>
      cfm-total-ltr-received
    </cfm-total-ltr-received>
    <cfm-next-ltm-sequence-number>
      cfm-next-ltm-sequence-number
    </cfm-next-ltm-sequence-number>
    <cfm-onedm-sent>
      cfm-onedm-sent
    </cfm-onedm-sent>
    <cfm-onedm-received>
      cfm-onedm-received
    </cfm-onedm-received>
    <cfm-onedm-received-invalid>
      cfm-onedm-received-invalid
  </cfm-local-mep-packet-statistics>
</cfm-entry>

```

```
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```
<cfm-interface>
<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
```

```

    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-mep-database>
<cfm-entry>

```

```
<cfm-local-mep-packet-statistics>
  <cfm-total-ccm-sent>
    cfm-total-ccm-sent
  </cfm-total-ccm-sent>
  <cfm-out-of-sequence-ccm-received>
    cfm-out-of-sequence-ccm-received
  </cfm-out-of-sequence-ccm-received>
  <cfm-lbm-sent>
    cfm-lbm-sent
  </cfm-lbm-sent>
  <cfm-lbr-sent>
    cfm-lbr-sent
  </cfm-lbr-sent>
  <cfm-lbr-received>
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
```

```

    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-local-mep-packet-statistics>

Usage

```

<cfm-mep-statistics>
  <cfm-entry>
    <cfm-local-mep-packet-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
      <cfm-total-ltm-sent>
        cfm-total-ltm-sent
      </cfm-total-ltm-sent>
      <cfm-total-ltm-received>
        cfm-total-ltm-received
      </cfm-total-ltm-received>
      <cfm-total-ltr-sent>
        cfm-total-ltr-sent
      </cfm-total-ltr-sent>
      <cfm-total-ltr-received>
        cfm-total-ltr-received
    </cfm-local-mep-packet-statistics>
  </cfm-entry>
</cfm-mep-statistics>

```

```
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-local-mep-packet-statistics>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-local-mep-packet-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
```

```
<cfm-lbr-sent>
  cfm-lbr-sent
</cfm-lbr-sent>
<cfm-lbr-received>
  cfm-lbr-received
</cfm-lbr-received>
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
```

```
</cfm-dmr-received-invalid>
</cfm-local-mep-packet-statistics>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-entry>
<cfm-local-mep-statistics>
  <cfm-total-ccm-sent>
    cfm-total-ccm-sent
  </cfm-total-ccm-sent>
  <cfm-out-of-sequence-ccm-received>
    cfm-out-of-sequence-ccm-received
  </cfm-out-of-sequence-ccm-received>
  <cfm-lbm-sent>
    cfm-lbm-sent
  </cfm-lbm-sent>
  <cfm-lbr-sent>
    cfm-lbr-sent
  </cfm-lbr-sent>
  <cfm-lbr-received>
    cfm-lbr-received
  </cfm-lbr-received>
  <cfm-lbr-received-out-of-order>
    cfm-lbr-received-out-of-order
  </cfm-lbr-received-out-of-order>
  <cfm-lbr-bad-msdu>
    cfm-lbr-bad-msdu
  </cfm-lbr-bad-msdu>
  <cfm-total-ltm-sent>
    cfm-total-ltm-sent
  </cfm-total-ltm-sent>
  <cfm-total-ltm-received>
    cfm-total-ltm-received
  </cfm-total-ltm-received>
  <cfm-total-ltr-sent>
    cfm-total-ltr-sent
  </cfm-total-ltr-sent>
  <cfm-total-ltr-received>
    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
```



```

    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>

```

Description

<cfm-local-mep-statistics>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-local-mep-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent
      </cfm-lbm-sent>
      <cfm-lbr-sent>
        cfm-lbr-sent
      </cfm-lbr-sent>
      <cfm-lbr-received>
        cfm-lbr-received
      </cfm-lbr-received>
      <cfm-lbr-received-out-of-order>
        cfm-lbr-received-out-of-order
      </cfm-lbr-received-out-of-order>
      <cfm-lbr-bad-msdu>
        cfm-lbr-bad-msdu
      </cfm-lbr-bad-msdu>
    </cfm-local-mep-statistics>
  </cfm-entry>
</cfm-interface>

```

```
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-interface>
```

Description

<cfm-local-mep-statistics>

Usage

<cfm-mep-database>

```
<cfm-entry>
  <cfm-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
    <cfm-total-ltm-received>
      cfm-total-ltm-received
    </cfm-total-ltm-received>
    <cfm-total-ltr-sent>
      cfm-total-ltr-sent
    </cfm-total-ltr-sent>
    <cfm-total-ltr-received>
      cfm-total-ltr-received
    </cfm-total-ltr-received>
    <cfm-next-ltm-sequence-number>
      cfm-next-ltm-sequence-number
    </cfm-next-ltm-sequence-number>
    <cfm-onedm-sent>
      cfm-onedm-sent
    </cfm-onedm-sent>
    <cfm-onedm-received>
      cfm-onedm-received
    </cfm-onedm-received>
    <cfm-onedm-received-invalid>
      cfm-onedm-received-invalid
    </cfm-onedm-received-invalid>
    <cfm-onedm-received-outofsync>
      cfm-onedm-received-outofsync
    </cfm-onedm-received-outofsync>
    <cfm-dmm-sent>
      cfm-dmm-sent
    </cfm-dmm-sent>
    <cfm-dmm-received>
      cfm-dmm-received
    </cfm-dmm-received>
```

```
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
  cfm-dmr-received-invalid
</cfm-dmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-local-mep-statistics>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
  <cfm-local-mep-statistics>
    <cfm-total-ccm-sent>
      cfm-total-ccm-sent
    </cfm-total-ccm-sent>
    <cfm-out-of-sequence-ccm-received>
      cfm-out-of-sequence-ccm-received
    </cfm-out-of-sequence-ccm-received>
    <cfm-lbm-sent>
      cfm-lbm-sent
    </cfm-lbm-sent>
    <cfm-lbr-sent>
      cfm-lbr-sent
    </cfm-lbr-sent>
    <cfm-lbr-received>
      cfm-lbr-received
    </cfm-lbr-received>
    <cfm-lbr-received-out-of-order>
      cfm-lbr-received-out-of-order
    </cfm-lbr-received-out-of-order>
    <cfm-lbr-bad-msdu>
      cfm-lbr-bad-msdu
    </cfm-lbr-bad-msdu>
    <cfm-total-ltm-sent>
      cfm-total-ltm-sent
    </cfm-total-ltm-sent>
    <cfm-total-ltm-received>
      cfm-total-ltm-received
    </cfm-total-ltm-received>
    <cfm-total-ltr-sent>
      cfm-total-ltr-sent
    </cfm-total-ltr-sent>
    <cfm-total-ltr-received>
```

```

    cfm-total-ltr-received
  </cfm-total-ltr-received>
  <cfm-next-ltm-sequence-number>
    cfm-next-ltm-sequence-number
  </cfm-next-ltm-sequence-number>
  <cfm-onedm-sent>
    cfm-onedm-sent
  </cfm-onedm-sent>
  <cfm-onedm-received>
    cfm-onedm-received
  </cfm-onedm-received>
  <cfm-onedm-received-invalid>
    cfm-onedm-received-invalid
  </cfm-onedm-received-invalid>
  <cfm-onedm-received-outofsync>
    cfm-onedm-received-outofsync
  </cfm-onedm-received-outofsync>
  <cfm-dmm-sent>
    cfm-dmm-sent
  </cfm-dmm-sent>
  <cfm-dmm-received>
    cfm-dmm-received
  </cfm-dmm-received>
  <cfm-dmm-received-invalid>
    cfm-dmm-received-invalid
  </cfm-dmm-received-invalid>
  <cfm-dmr-sent>
    cfm-dmr-sent
  </cfm-dmr-sent>
  <cfm-dmr-received>
    cfm-dmr-received
  </cfm-dmr-received>
  <cfm-dmr-received-invalid>
    cfm-dmr-received-invalid
  </cfm-dmr-received-invalid>
</cfm-local-mep-statistics>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-local-mep-statistics>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-local-mep-statistics>
      <cfm-total-ccm-sent>
        cfm-total-ccm-sent
      </cfm-total-ccm-sent>
      <cfm-out-of-sequence-ccm-received>
        cfm-out-of-sequence-ccm-received
      </cfm-out-of-sequence-ccm-received>
      <cfm-lbm-sent>
        cfm-lbm-sent

```

```
</cfm-lbm-sent>
<cfm-lbr-sent>
  cfm-lbr-sent
</cfm-lbr-sent>
<cfm-lbr-received>
  cfm-lbr-received
</cfm-lbr-received>
<cfm-lbr-received-out-of-order>
  cfm-lbr-received-out-of-order
</cfm-lbr-received-out-of-order>
<cfm-lbr-bad-msdu>
  cfm-lbr-bad-msdu
</cfm-lbr-bad-msdu>
<cfm-total-ltm-sent>
  cfm-total-ltm-sent
</cfm-total-ltm-sent>
<cfm-total-ltm-received>
  cfm-total-ltm-received
</cfm-total-ltm-received>
<cfm-total-ltr-sent>
  cfm-total-ltr-sent
</cfm-total-ltr-sent>
<cfm-total-ltr-received>
  cfm-total-ltr-received
</cfm-total-ltr-received>
<cfm-next-ltm-sequence-number>
  cfm-next-ltm-sequence-number
</cfm-next-ltm-sequence-number>
<cfm-onedm-sent>
  cfm-onedm-sent
</cfm-onedm-sent>
<cfm-onedm-received>
  cfm-onedm-received
</cfm-onedm-received>
<cfm-onedm-received-invalid>
  cfm-onedm-received-invalid
</cfm-onedm-received-invalid>
<cfm-onedm-received-outofsync>
  cfm-onedm-received-outofsync
</cfm-onedm-received-outofsync>
<cfm-dmm-sent>
  cfm-dmm-sent
</cfm-dmm-sent>
<cfm-dmm-received>
  cfm-dmm-received
</cfm-dmm-received>
<cfm-dmm-received-invalid>
  cfm-dmm-received-invalid
</cfm-dmm-received-invalid>
<cfm-dmr-sent>
  cfm-dmr-sent
</cfm-dmr-sent>
<cfm-dmr-received>
  cfm-dmr-received
</cfm-dmr-received>
<cfm-dmr-received-invalid>
```

```

        cfm-dmr-received-invalid
      </cfm-dmr-received-invalid>
    </cfm-local-mep-statistics>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-ltm-request-snapshot>

Usage

```

<cfm-ltm-request-snapshot>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-maintenance-domain-name>
    cfm-maintenance-domain-name
  </cfm-maintenance-domain-name>
  <cfm-maintenance-association-name>
    cfm-maintenance-association-name
  </cfm-maintenance-association-name>
  <cfm-local-mep-identifier>
    cfm-local-mep-identifier
  </cfm-local-mep-identifier>
  <cfm-ltm-target-mac-address>
    cfm-ltm-target-mac-address
  </cfm-ltm-target-mac-address>
</cfm-ltm-request-snapshot>

```

Description

<cfm-ltm-request-snapshot>

Usage

```

<cfm-linktrace-path-database>
  <cfm-ltm-request-snapshot>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
  </cfm-ltm-request-snapshot>

```

```
<cfm-ltm-target-mac-address>  
  cfm-ltm-target-mac-address  
</cfm-ltm-target-mac-address>  
</cfm-ltm-request-snapshot>  
</cfm-linktrace-path-database>
```

Description

<cfm-ltr-reply-entry>

Usage

```
<cfm-ltr-reply-entry>  
  <cfm-ltm-transaction-identifier>  
    cfm-ltm-transaction-identifier  
  </cfm-ltm-transaction-identifier>  
  <cfm-ltr-request-hop-identifier>  
    cfm-ltr-request-hop-identifier  
  </cfm-ltr-request-hop-identifier>  
  <cfm-ltr-reply-ttl>  
    cfm-ltr-reply-ttl  
  </cfm-ltr-reply-ttl>  
  <cfm-ltr-mep-mip-mac-address>  
    cfm-ltr-mep-mip-mac-address  
  </cfm-ltr-mep-mip-mac-address>  
  <cfm-ltr-next-hop-mac-address>  
    cfm-ltr-next-hop-mac-address  
  </cfm-ltr-next-hop-mac-address>  
</cfm-ltr-reply-entry>
```

Description

<cfm-ltr-reply-entry>

Usage

```
<cfm-linktrace-path-database>  
  <cfm-ltr-reply-entry>  
    <cfm-ltm-transaction-identifier>  
      cfm-ltm-transaction-identifier  
    </cfm-ltm-transaction-identifier>  
    <cfm-ltr-request-hop-identifier>  
      cfm-ltr-request-hop-identifier  
    </cfm-ltr-request-hop-identifier>  
    <cfm-ltr-reply-ttl>  
      cfm-ltr-reply-ttl  
    </cfm-ltr-reply-ttl>  
    <cfm-ltr-mep-mip-mac-address>  
      cfm-ltr-mep-mip-mac-address  
    </cfm-ltr-mep-mip-mac-address>  
    <cfm-ltr-next-hop-mac-address>  
      cfm-ltr-next-hop-mac-address  
    </cfm-ltr-next-hop-mac-address>  
  </cfm-ltr-reply-entry>  
</cfm-linktrace-path-database>
```


Description**<cfm-mep-database>****Usage**

```
<cfm-mep-database>
  <cfm-entry>....</cfm-entry>
</cfm-mep-database>
```

Description Information about MEP database for one or more CFM sessions

<cfm-mep-database-continuity-check>**Usage**

```
<cfm-entry>
  <cfm-mep-database-continuity-check>
    <cfm-continuity-check-status>
      cfm-continuity-check-status
    </cfm-continuity-check-status>
    <cfm-continuity-check-interval>
      cfm-continuity-check-interval
    </cfm-continuity-check-interval>
    <cfm-continuity-check-loss-threshold>
      cfm-continuity-check-loss-threshold
    </cfm-continuity-check-loss-threshold>
  </cfm-mep-database-continuity-check>
</cfm-entry>
```

Description**<cfm-mep-database-continuity-check>****Usage**

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
      <cfm-continuity-check-loss-threshold>
        cfm-continuity-check-loss-threshold
      </cfm-continuity-check-loss-threshold>
    </cfm-mep-database-continuity-check>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-mep-database-continuity-check>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-continuity-check>
      <cfm-continuity-check-status>
        cfm-continuity-check-status
      </cfm-continuity-check-status>
      <cfm-continuity-check-interval>
        cfm-continuity-check-interval
      </cfm-continuity-check-interval>
```

```
<cfm-continuity-check-loss-threshold>
  cfm-continuity-check-loss-threshold
</cfm-continuity-check-loss-threshold>
</cfm-mep-database-continuity-check>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-entry>
  <cfm-mep-database-interface>
    <cfm-interface-name>
      cfm-interface-name
    </cfm-interface-name>
    <cfm-interface-status>
      cfm-interface-status
    </cfm-interface-status>
    <cfm-interface-link-status>
      cfm-interface-link-status
    </cfm-interface-link-status>
  </cfm-mep-database-interface>
</cfm-entry>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-mep-database>
  <cfm-entry>
```

```
<cfm-mep-database-interface>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-interface-status>
    cfm-interface-status
  </cfm-interface-status>
  <cfm-interface-link-status>
    cfm-interface-link-status
  </cfm-interface-link-status>
</cfm-mep-database-interface>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-mep-database-interface>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-interface>
      <cfm-interface-name>
        cfm-interface-name
      </cfm-interface-name>
      <cfm-interface-status>
        cfm-interface-status
      </cfm-interface-status>
      <cfm-interface-link-status>
        cfm-interface-link-status
      </cfm-interface-link-status>
    </cfm-mep-database-interface>
  </cfm-entry>
```

```
</cfm-delay-statistics>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-entry>
  <cfm-mep-database-session>
    <cfm-maintenance-domain-name>
      cfm-maintenance-domain-name
    </cfm-maintenance-domain-name>
    <cfm-maintenance-domain-name-format>
      cfm-maintenance-domain-name-format
    </cfm-maintenance-domain-name-format>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-maintenance-association-name>
      cfm-maintenance-association-name
    </cfm-maintenance-association-name>
    <cfm-maintenance-association-name-format>
      cfm-maintenance-association-name-format
    </cfm-maintenance-association-name-format>
  </cfm-mep-database-session>
</cfm-entry>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-database-session>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-mep-statistics>
```

Description**<cfm-mep-database-session>****Usage**

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-mep-database-session>
      <cfm-maintenance-domain-name>
        cfm-maintenance-domain-name
      </cfm-maintenance-domain-name>
      <cfm-maintenance-domain-name-format>
        cfm-maintenance-domain-name-format
      </cfm-maintenance-domain-name-format>
      <cfm-level>
        cfm-level
      </cfm-level>
      <cfm-maintenance-association-name>
        cfm-maintenance-association-name
      </cfm-maintenance-association-name>
      <cfm-maintenance-association-name-format>
        cfm-maintenance-association-name-format
      </cfm-maintenance-association-name-format>
    </cfm-mep-database-session>
  </cfm-entry>
</cfm-delay-statistics>

```

Description**<cfm-mep-statistics>****Usage**

```

<cfm-mep-statistics>
  <cfm-entry>.....</cfm-entry>
</cfm-mep-statistics>

```

Description Information about MEP statistics for one or more CFM sessions

<cfm-mep-statistics-mep-summary>**Usage**

```

<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>

```

```
</cfm-entry>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
      <cfm-local-mep-mac-address>
        cfm-local-mep-mac-address
      </cfm-local-mep-mac-address>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-mep-statistics-mep-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-mep-statistics-mep-summary>
      <cfm-local-mep-identifier>
        cfm-local-mep-identifier
      </cfm-local-mep-identifier>
    </cfm-mep-statistics-mep-summary>
  </cfm-entry>
</cfm-mep-statistics>
```



```

</cfm-local-mep-identifier>
<cfm-local-mep-mac-address>
  cfm-local-mep-mac-address
</cfm-local-mep-mac-address>
<cfm-remote-mep-count>
  cfm-remote-mep-count
</cfm-remote-mep-count>
</cfm-mep-statistics-mep-summary>
</cfm-entry>
</cfm-mep-statistics>

```

Description

<cfm-mep-statistics-mep-summary>

Usage

```

<cfm-delay-statistics>
<cfm-entry>
  <cfm-mep-statistics-mep-summary>
    <cfm-local-mep-identifier>
      cfm-local-mep-identifier
    </cfm-local-mep-identifier>
    <cfm-local-mep-mac-address>
      cfm-local-mep-mac-address
    </cfm-local-mep-mac-address>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
  </cfm-mep-statistics-mep-summary>
</cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-mip-information>

Usage

```

<cfm-mip-information>
  <cfm-instance-mip-information>....</cfm-instance-mip-information>
</cfm-mip-information>

```

Description

<cfm-nexthop-information>

Usage

```

<cfm-nexthop-information>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-nexthop-type>
    cfm-nexthop-type
  </cfm-nexthop-type>
  <cfm-nexthop-last-operation>

```

```
    cfm-nexthop-last-operation
  </cfm-nexthop-last-operation>
  <cfm-nexthop-last-error>
    cfm-nexthop-last-error
  </cfm-nexthop-last-error>
  <cfm-nexthop-statistics>
    cfm-nexthop-statistics
  </cfm-nexthop-statistics>
  <cfm-nexthop-reference-count>
    cfm-nexthop-reference-count
  </cfm-nexthop-reference-count>
  <cfm-nexthop-owner>
    cfm-nexthop-owner
  </cfm-nexthop-owner>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-nexthop-information>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
          </cfm-remote-mep-identifier>
          <cfm-remote-mep-state>
            cfm-remote-mep-state
          </cfm-remote-mep-state>
          <cfm-remote-mep-mac-address>
            cfm-remote-mep-mac-address
          </cfm-remote-mep-mac-address>
          <cfm-remote-mep-interface>
            cfm-remote-mep-interface
          </cfm-remote-mep-interface>
          <cfm-remote-mep-type>
            cfm-remote-mep-type
          </cfm-remote-mep-type>
          <cfm-remote-mep-db-flush-timer>
            cfm-remote-mep-db-flush-timer
          </cfm-remote-mep-db-flush-timer>
          <cfm-remote-mep-rdi>
            cfm-remote-mep-rdi
          </cfm-remote-mep-rdi>
          <cfm-remote-mep-last-flapped>
            cfm-remote-mep-last-flapped
          </cfm-remote-mep-last-flapped>
          <cfm-remote-mep-port-status-tlv>
```

```

        cfm-remote-mep-port-status-tlv
      </cfm-remote-mep-port-status-tlv>
    <cfm-remote-mep-interface-status-tlv>
      cfm-remote-mep-interface-status-tlv
    </cfm-remote-mep-interface-status-tlv>
  </cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-state>
        cfm-remote-mep-state
      </cfm-remote-mep-state>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
      <cfm-remote-mep-interface>
        cfm-remote-mep-interface
      </cfm-remote-mep-interface>
      <cfm-remote-mep-type>
        cfm-remote-mep-type
      </cfm-remote-mep-type>
      <cfm-remote-mep-db-flush-timer>
        cfm-remote-mep-db-flush-timer
      </cfm-remote-mep-db-flush-timer>
      <cfm-remote-mep-rdi>
        cfm-remote-mep-rdi
      </cfm-remote-mep-rdi>
      <cfm-remote-mep-last-flapped>
        cfm-remote-mep-last-flapped
      </cfm-remote-mep-last-flapped>
      <cfm-remote-mep-port-status-tlv>
        cfm-remote-mep-port-status-tlv
      </cfm-remote-mep-port-status-tlv>
      <cfm-remote-mep-interface-status-tlv>
        cfm-remote-mep-interface-status-tlv
      </cfm-remote-mep-interface-status-tlv>
    </cfm-remote-mep>
  </cfm-remote-meps>
</cfm-entry>

```

Description

<cfm-remote-mep>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep>
            <cfm-remote-mep-identifier>
              cfm-remote-mep-identifier
            </cfm-remote-mep-identifier>
            <cfm-remote-mep-state>
              cfm-remote-mep-state
            </cfm-remote-mep-state>
            <cfm-remote-mep-mac-address>
              cfm-remote-mep-mac-address
            </cfm-remote-mep-mac-address>
            <cfm-remote-mep-interface>
              cfm-remote-mep-interface
            </cfm-remote-mep-interface>
            <cfm-remote-mep-type>
              cfm-remote-mep-type
            </cfm-remote-mep-type>
            <cfm-remote-mep-db-flush-timer>
              cfm-remote-mep-db-flush-timer
            </cfm-remote-mep-db-flush-timer>
            <cfm-remote-mep-rdi>
              cfm-remote-mep-rdi
            </cfm-remote-mep-rdi>
            <cfm-remote-mep-last-flapped>
              cfm-remote-mep-last-flapped
            </cfm-remote-mep-last-flapped>
            <cfm-remote-mep-port-status-tlv>
              cfm-remote-mep-port-status-tlv
            </cfm-remote-mep-port-status-tlv>
            <cfm-remote-mep-interface-status-tlv>
              cfm-remote-mep-interface-status-tlv
            </cfm-remote-mep-interface-status-tlv>
          </cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep>
```

```

<cfm-remote-mep-identifier>
  cfm-remote-mep-identifier
</cfm-remote-mep-identifier>
<cfm-remote-mep-state>
  cfm-remote-mep-state
</cfm-remote-mep-state>
<cfm-remote-mep-mac-address>
  cfm-remote-mep-mac-address
</cfm-remote-mep-mac-address>
<cfm-remote-mep-interface>
  cfm-remote-mep-interface
</cfm-remote-mep-interface>
<cfm-remote-mep-type>
  cfm-remote-mep-type
</cfm-remote-mep-type>
<cfm-remote-mep-db-flush-timer>
  cfm-remote-mep-db-flush-timer
</cfm-remote-mep-db-flush-timer>
<cfm-remote-mep-rdi>
  cfm-remote-mep-rdi
</cfm-remote-mep-rdi>
<cfm-remote-mep-last-flapped>
  cfm-remote-mep-last-flapped
</cfm-remote-mep-last-flapped>
<cfm-remote-mep-port-status-tlv>
  cfm-remote-mep-port-status-tlv
</cfm-remote-mep-port-status-tlv>
<cfm-remote-mep-interface-status-tlv>
  cfm-remote-mep-interface-status-tlv
</cfm-remote-mep-interface-status-tlv>
</cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-interface>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-mep-database>
<cfm-entry>
  <cfm-interface-sessions>
  <cfm-interface-session>
  <cfm-interface-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-state>
        cfm-remote-mep-state
      </cfm-remote-mep-state>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep>
  </cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>

```

```
<cfm-remote-mep-interface>
  cfm-remote-mep-interface
</cfm-remote-mep-interface>
<cfm-remote-mep-type>
  cfm-remote-mep-type
</cfm-remote-mep-type>
<cfm-remote-mep-db-flush-timer>
  cfm-remote-mep-db-flush-timer
</cfm-remote-mep-db-flush-timer>
<cfm-remote-mep-rdi>
  cfm-remote-mep-rdi
</cfm-remote-mep-rdi>
<cfm-remote-mep-last-flapped>
  cfm-remote-mep-last-flapped
</cfm-remote-mep-last-flapped>
<cfm-remote-mep-port-status-tlv>
  cfm-remote-mep-port-status-tlv
</cfm-remote-mep-port-status-tlv>
<cfm-remote-mep-interface-status-tlv>
  cfm-remote-mep-interface-status-tlv
</cfm-remote-mep-interface-status-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-mep-database>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-state>
        cfm-remote-mep-state
      </cfm-remote-mep-state>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
      <cfm-remote-mep-interface>
        cfm-remote-mep-interface
      </cfm-remote-mep-interface>
      <cfm-remote-mep-type>
        cfm-remote-mep-type
      </cfm-remote-mep-type>
      <cfm-remote-mep-db-flush-timer>
        cfm-remote-mep-db-flush-timer
      </cfm-remote-mep-db-flush-timer>
```

```

<cfm-remote-mep-rdi>
  cfm-remote-mep-rdi
</cfm-remote-mep-rdi>
<cfm-remote-mep-last-flapped>
  cfm-remote-mep-last-flapped
</cfm-remote-mep-last-flapped>
<cfm-remote-mep-port-status-tlv>
  cfm-remote-mep-port-status-tlv
</cfm-remote-mep-port-status-tlv>
<cfm-remote-mep-interface-status-tlv>
  cfm-remote-mep-interface-status-tlv
</cfm-remote-mep-interface-status-tlv>
</cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-database>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-mep-statistics>
<cfm-entry>
  <cfm-interface-sessions>
    <cfm-interface-session>
      <cfm-interface-remote-meps>
        <cfm-remote-mep>
          <cfm-remote-mep-identifier>
            cfm-remote-mep-identifier
          </cfm-remote-mep-identifier>
          <cfm-remote-mep-state>
            cfm-remote-mep-state
          </cfm-remote-mep-state>
          <cfm-remote-mep-mac-address>
            cfm-remote-mep-mac-address
          </cfm-remote-mep-mac-address>
          <cfm-remote-mep-interface>
            cfm-remote-mep-interface
          </cfm-remote-mep-interface>
          <cfm-remote-mep-type>
            cfm-remote-mep-type
          </cfm-remote-mep-type>
          <cfm-remote-mep-db-flush-timer>
            cfm-remote-mep-db-flush-timer
          </cfm-remote-mep-db-flush-timer>
          <cfm-remote-mep-rdi>
            cfm-remote-mep-rdi
          </cfm-remote-mep-rdi>
          <cfm-remote-mep-last-flapped>
            cfm-remote-mep-last-flapped
          </cfm-remote-mep-last-flapped>
          <cfm-remote-mep-port-status-tlv>
            cfm-remote-mep-port-status-tlv
          </cfm-remote-mep-port-status-tlv>

```

```
<cfm-remote-mep-interface-status-tlv>
  cfm-remote-mep-interface-status-tlv
</cfm-remote-mep-interface-status-tlv>
</cfm-remote-mep>
</cfm-interface-remote-meps>
</cfm-interface-session>
</cfm-interface-sessions>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-mep>

Usage

```
<cfm-mep-statistics>
<cfm-entry>
<cfm-remote-meps>
  <cfm-remote-mep>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-state>
      cfm-remote-mep-state
    </cfm-remote-mep-state>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-remote-mep-interface>
      cfm-remote-mep-interface
    </cfm-remote-mep-interface>
    <cfm-remote-mep-type>
      cfm-remote-mep-type
    </cfm-remote-mep-type>
    <cfm-remote-mep-db-flush-timer>
      cfm-remote-mep-db-flush-timer
    </cfm-remote-mep-db-flush-timer>
    <cfm-remote-mep-rdi>
      cfm-remote-mep-rdi
    </cfm-remote-mep-rdi>
    <cfm-remote-mep-last-flapped>
      cfm-remote-mep-last-flapped
    </cfm-remote-mep-last-flapped>
    <cfm-remote-mep-port-status-tlv>
      cfm-remote-mep-port-status-tlv
    </cfm-remote-mep-port-status-tlv>
    <cfm-remote-mep-interface-status-tlv>
      cfm-remote-mep-interface-status-tlv
    </cfm-remote-mep-interface-status-tlv>
  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-statistics>
```


Description

<cfm-remote-mep>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>
    <cfm-interface-sessions>
      <cfm-interface-session>
        <cfm-interface-remote-meps>
          <cfm-remote-mep>
            <cfm-remote-mep-identifier>
              cfm-remote-mep-identifier
            </cfm-remote-mep-identifier>
            <cfm-remote-mep-state>
              cfm-remote-mep-state
            </cfm-remote-mep-state>
            <cfm-remote-mep-mac-address>
              cfm-remote-mep-mac-address
            </cfm-remote-mep-mac-address>
            <cfm-remote-mep-interface>
              cfm-remote-mep-interface
            </cfm-remote-mep-interface>
            <cfm-remote-mep-type>
              cfm-remote-mep-type
            </cfm-remote-mep-type>
            <cfm-remote-mep-db-flush-timer>
              cfm-remote-mep-db-flush-timer
            </cfm-remote-mep-db-flush-timer>
            <cfm-remote-mep-rdi>
              cfm-remote-mep-rdi
            </cfm-remote-mep-rdi>
            <cfm-remote-mep-last-flapped>
              cfm-remote-mep-last-flapped
            </cfm-remote-mep-last-flapped>
            <cfm-remote-mep-port-status-tlv>
              cfm-remote-mep-port-status-tlv
            </cfm-remote-mep-port-status-tlv>
            <cfm-remote-mep-interface-status-tlv>
              cfm-remote-mep-interface-status-tlv
            </cfm-remote-mep-interface-status-tlv>
          </cfm-remote-mep>
        </cfm-interface-remote-meps>
      </cfm-interface-session>
    </cfm-interface-sessions>
  </cfm-entry>
</cfm-delay-statistics>

```

Description

<cfm-remote-mep>

Usage

```

<cfm-delay-statistics>
  <cfm-entry>

```

```
<cfm-remote-meps>
  <cfm-remote-mep>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-state>
      cfm-remote-mep-state
    </cfm-remote-mep-state>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
    <cfm-remote-mep-interface>
      cfm-remote-mep-interface
    </cfm-remote-mep-interface>
    <cfm-remote-mep-type>
      cfm-remote-mep-type
    </cfm-remote-mep-type>
    <cfm-remote-mep-db-flush-timer>
      cfm-remote-mep-db-flush-timer
    </cfm-remote-mep-db-flush-timer>
    <cfm-remote-mep-rdi>
      cfm-remote-mep-rdi
    </cfm-remote-mep-rdi>
    <cfm-remote-mep-last-flapped>
      cfm-remote-mep-last-flapped
    </cfm-remote-mep-last-flapped>
    <cfm-remote-mep-port-status-tlv>
      cfm-remote-mep-port-status-tlv
    </cfm-remote-mep-port-status-tlv>
    <cfm-remote-mep-interface-status-tlv>
      cfm-remote-mep-interface-status-tlv
    </cfm-remote-mep-interface-status-tlv>
  </cfm-remote-mep>
</cfm-remote-meps>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep-ap>
      <cfm-action-profile-name>
        cfm-action-profile-name
      </cfm-action-profile-name>
      <cfm-ap-last-event>
        cfm-ap-last-event
      </cfm-ap-last-event>
      <cfm-ap-action-name>
        cfm-ap-action-name
      </cfm-ap-action-name>
      <cfm-ap-action-time>
```

```

        cfm-ap-action-time
      </cfm-ap-action-time>
    <cfm-ap-last-event-cleared-time>
      cfm-ap-last-event-cleared-time
    </cfm-ap-last-event-cleared-time>
  </cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>

```

Description

<cfm-remote-mep-ap>

Usage

```

<cfm-interface>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-interface>

```

Description

<cfm-remote-mep-ap>

Usage

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>

```

```
    cfm-ap-action-name
  </cfm-ap-action-name>
  <cfm-ap-action-time>
    cfm-ap-action-time
  </cfm-ap-action-time>
  <cfm-ap-last-event-cleared-time>
    cfm-ap-last-event-cleared-time
  </cfm-ap-last-event-cleared-time>
</cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
        <cfm-ap-last-event>
          cfm-ap-last-event
        </cfm-ap-last-event>
        <cfm-ap-action-name>
          cfm-ap-action-name
        </cfm-ap-action-name>
        <cfm-ap-action-time>
          cfm-ap-action-time
        </cfm-ap-action-time>
        <cfm-ap-last-event-cleared-time>
          cfm-ap-last-event-cleared-time
        </cfm-ap-last-event-cleared-time>
      </cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-mep-ap>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-ap>
        <cfm-action-profile-name>
          cfm-action-profile-name
        </cfm-action-profile-name>
```

```
<cfm-ap-last-event>
  cfm-ap-last-event
</cfm-ap-last-event>
<cfm-ap-action-name>
  cfm-ap-action-name
</cfm-ap-action-name>
<cfm-ap-action-time>
  cfm-ap-action-time
</cfm-ap-action-time>
<cfm-ap-last-event-cleared-time>
  cfm-ap-last-event-cleared-time
</cfm-ap-last-event-cleared-time>
</cfm-remote-mep-ap>
</cfm-remote-meps>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-entry>
  <cfm-remote-mep-brief-summary>
    <cfm-remote-mep-identifier>
      cfm-remote-mep-identifier
    </cfm-remote-mep-identifier>
    <cfm-remote-mep-mac-address>
      cfm-remote-mep-mac-address
    </cfm-remote-mep-mac-address>
  </cfm-remote-mep-brief-summary>
</cfm-entry>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-interface>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-interface>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-mep-database>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-mep-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-mep-brief-summary>

Usage

```
<cfm-delay-statistics>
  <cfm-entry>
    <cfm-remote-mep-brief-summary>
      <cfm-remote-mep-identifier>
        cfm-remote-mep-identifier
      </cfm-remote-mep-identifier>
      <cfm-remote-mep-mac-address>
        cfm-remote-mep-mac-address
      </cfm-remote-mep-mac-address>
    </cfm-remote-mep-brief-summary>
  </cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-remote-meps>**Usage**

```

<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
    <cfm-remote-mep>....</cfm-remote-mep>
    <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
  </cfm-remote-meps>
</cfm-entry>

```

Description**<cfm-remote-meps>****Usage**

```

<cfm-interface>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-interface>

```

Description**<cfm-remote-meps>****Usage**

```

<cfm-mep-database>
  <cfm-entry>
    <cfm-remote-meps>
      <cfm-remote-mep-count>
        cfm-remote-mep-count
      </cfm-remote-mep-count>
      <cfm-remote-mep>....</cfm-remote-mep>
      <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
    </cfm-remote-meps>
  </cfm-entry>
</cfm-mep-database>

```

Description**<cfm-remote-meps>****Usage**

```

<cfm-mep-statistics>

```

```
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
    <cfm-remote-mep>....</cfm-remote-mep>
    <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
  </cfm-remote-meps>
</cfm-entry>
</cfm-mep-statistics>
```

Description

<cfm-remote-meps>

Usage

```
<cfm-delay-statistics>
<cfm-entry>
  <cfm-remote-meps>
    <cfm-remote-mep-count>
      cfm-remote-mep-count
    </cfm-remote-mep-count>
    <cfm-remote-mep>....</cfm-remote-mep>
    <cfm-remote-mep-ap>....</cfm-remote-mep-ap>
  </cfm-remote-meps>
</cfm-entry>
</cfm-delay-statistics>
```

Description

<cfm-route-information>

Usage

```
<cfm-route-information>
  <cfm-route-prefix>
    cfm-route-prefix
  </cfm-route-prefix>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-route-last-operation>
    cfm-route-last-operation
  </cfm-route-last-operation>
  <cfm-route-last-error>
    cfm-route-last-error
  </cfm-route-last-error>
  <cfm-route-statistics>
    cfm-route-statistics
  </cfm-route-statistics>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-route-table-index>
    cfm-route-table-index
```



```

</cfm-route-table-index>
<cfm-route-owner>
  cfm-route-owner
</cfm-route-owner>
<cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-route-information>

```

Description

<cfm-route-maintenance-domain-level>

Usage

```

<cfm-route-maintenance-domain-level>
  <cfm-level>
    cfm-level
  </cfm-level>
  <cfm-local-mep-direction>
    cfm-local-mep-direction
  </cfm-local-mep-direction>
  <cfm-transmit-route-prefix>
    cfm-transmit-route-prefix
  </cfm-transmit-route-prefix>
  <cfm-nexthop-index>
    cfm-nexthop-index
  </cfm-nexthop-index>
  <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
</cfm-route-maintenance-domain-level>

```

Description

<cfm-route-maintenance-domain-level>

Usage

```

<cfm-transmit-interface-information>
  <cfm-route-maintenance-domain-level>
    <cfm-level>
      cfm-level
    </cfm-level>
    <cfm-local-mep-direction>
      cfm-local-mep-direction
    </cfm-local-mep-direction>
    <cfm-transmit-route-prefix>
      cfm-transmit-route-prefix
    </cfm-transmit-route-prefix>
    <cfm-nexthop-index>
      cfm-nexthop-index
    </cfm-nexthop-index>
    <cfm-flood-nexthop-components>....</cfm-flood-nexthop-components>
  </cfm-route-maintenance-domain-level>
</cfm-transmit-interface-information>

```

Description

<cfm-route-socket-message-counters>

Usage

```
<cfm-route-socket-message-counters>
  <cfm-route-socket-message-type>
    cfm-route-socket-message-type
  </cfm-route-socket-message-type>
  <cfm-route-socket-message-add>
    cfm-route-socket-message-add
  </cfm-route-socket-message-add>
  <cfm-route-socket-message-change>
    cfm-route-socket-message-change
  </cfm-route-socket-message-change>
  <cfm-route-socket-message-delete>
    cfm-route-socket-message-delete
  </cfm-route-socket-message-delete>
</cfm-route-socket-message-counters>
```

Description

<cfm-route-socket-message-counters>

Usage

```
<cfm-counters-route-socket-operations>
  <cfm-route-socket-message-counters>
    <cfm-route-socket-message-type>
      cfm-route-socket-message-type
    </cfm-route-socket-message-type>
    <cfm-route-socket-message-add>
      cfm-route-socket-message-add
    </cfm-route-socket-message-add>
    <cfm-route-socket-message-change>
      cfm-route-socket-message-change
    </cfm-route-socket-message-change>
    <cfm-route-socket-message-delete>
      cfm-route-socket-message-delete
    </cfm-route-socket-message-delete>
  </cfm-route-socket-message-counters>
</cfm-counters-route-socket-operations>
```

Description

<cfm-route-socket-message-counters>

Usage

```
<cfm-counters-route-socket-received>
  <cfm-route-socket-message-counters>
    <cfm-route-socket-message-type>
      cfm-route-socket-message-type
    </cfm-route-socket-message-type>
    <cfm-route-socket-message-add>
      cfm-route-socket-message-add
    </cfm-route-socket-message-add>
    <cfm-route-socket-message-change>
```

```

    cfm-route-socket-message-change
  </cfm-route-socket-message-change>
  <cfm-route-socket-message-delete>
    cfm-route-socket-message-delete
  </cfm-route-socket-message-delete>
</cfm-route-socket-message-counters>
</cfm-counters-route-socket-received>

```

Description

<cfm-route-table>

Usage

```

<cfm-route-table>
  <cfm-route-table-entry>....</cfm-route-table-entry>
</cfm-route-table>

```

Description

<cfm-route-table-entry>

Usage

```

<cfm-route-table>
  <cfm-route-table-entry>
    <cfm-route-vlan-name>
      cfm-route-vlan-name
    </cfm-route-vlan-name>
    <cfm-route-mac-name>
      cfm-route-mac-name
    </cfm-route-mac-name>
    <cfm-route-nh-index>
      cfm-route-nh-index
    </cfm-route-nh-index>
    <cfm-route-action>
      cfm-route-action
    </cfm-route-action>
  </cfm-route-table-entry>
</cfm-route-table>

```

Description

<cfm-transmit-interface-information>

Usage

```

<cfm-transmit-interface-information>
  <cfm-interface-name>
    cfm-interface-name
  </cfm-interface-name>
  <cfm-instance-name>
    cfm-instance-name
  </cfm-instance-name>

  <cfm-route-maintenance-domain-level>....</cfm-route-maintenance-domain-level>

```

</cfm-transmit-interface-information>

Description

<cfmd-internal-state>

Usage

```
<cfmd-internal-state>
  <cfm-session-count>
    cfm-session-count
  </cfm-session-count>
  <cfm-session-created-count>
    cfm-session-created-count
  </cfm-session-created-count>
  <cfm-session-deleted-count>
    cfm-session-deleted-count
  </cfm-session-deleted-count>
  <cfm-session-freed-count>
    cfm-session-freed-count
  </cfm-session-freed-count>
  <cfm-token-based-forwarding>
    cfm-token-based-forwarding
  </cfm-token-based-forwarding>
  <cfm-forwarding-table-filtering-simulation>
    cfm-forwarding-table-filtering-simulation
  </cfm-forwarding-table-filtering-simulation>
  <cfm-hardware-assist-flooding>
    cfm-hardware-assist-flooding
  </cfm-hardware-assist-flooding>
  <cfm-gres-flood-resynchronization>
    cfm-gres-flood-resynchronization
  </cfm-gres-flood-resynchronization>
  <cfm-shared-interface-filters>
    cfm-shared-interface-filters
  </cfm-shared-interface-filters>
  <cfm-ppmd-connection-state>
    cfm-ppmd-connection-state
  </cfm-ppmd-connection-state>
  <cfm-ppmd-flow-state>
    cfm-ppmd-flow-state
  </cfm-ppmd-flow-state>
  <cfm-ppmd-job-state>
    cfm-ppmd-job-state
  </cfm-ppmd-job-state>
  <cfm-ppmd-blocked-count>
    cfm-ppmd-blocked-count
  </cfm-ppmd-blocked-count>
  <cfm-dfwd-connection-state>
    cfm-dfwd-connection-state
  </cfm-dfwd-connection-state>
  <cfm-dfwd-reconnect-count>
    cfm-dfwd-reconnect-count
  </cfm-dfwd-reconnect-count>
  <cfm-dfwd-requests-sent>
    cfm-dfwd-requests-sent
```

```

</cfm-dfwd-requests-sent>
<cfm-dfwd-requests-accepted>
  cfm-dfwd-requests-accepted
</cfm-dfwd-requests-accepted>
<cfm-dfwd-requests-rejected>
  cfm-dfwd-requests-rejected
</cfm-dfwd-requests-rejected>
<cfm-dfwd-requests-lost>
  cfm-dfwd-requests-lost
</cfm-dfwd-requests-lost>
<cfm-dfwd-pending-transactions>....</cfm-dfwd-pending-transactions>
</cfmd-internal-state>

```

Description

Summary of Chassis Response Tags

<ac-input-detail>

Usage

```

<power-usage-information>
  <power-usage-item>
    <ac-input-detail>
      <ac-input>
        ac-input
      </ac-input>
      <ac-expect-feed>
        ac-expect-feed
      </ac-expect-feed>
      <ac-actual-feed>
        ac-actual-feed
      </ac-actual-feed>
    </ac-input-detail>
  </power-usage-item>
</power-usage-information>

```

Description

<airflow-direction>

Usage

```

<environment-component-information>
  <environment-component-item>
    <airflow-direction>
      <airflow>
        airflow
      </airflow>
      <direction>
        direction
      </direction>
    </airflow-direction>
  </environment-component-item>
</environment-component-information>

```

Description**<chassis>****Usage**

```
<chassis-inventory>
  <chassis>
    <hardware-incomplete>
      hardware-incomplete
    </hardware-incomplete>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
    <i2c-information>....</i2c-information>
    <chassis-module>....</chassis-module>
  </chassis>
</chassis-inventory>
```

Description Hardware inventory of this chassis

<chassis>**Usage**

```
<firmware-information>
  <chassis>
    <hardware-incomplete>
      hardware-incomplete
    </hardware-incomplete>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
```

```

<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<chassis-module>....</chassis-module>
</chassis>
</firmware-information>

```

Description Hardware inventory of this chassis

<chassis>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <hardware-incomplete>
        hardware-incomplete
      </hardware-incomplete>
      <name>
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <description>
        description
      </description>
      <i2c-information>....</i2c-information>
      <chassis-module>....</chassis-module>
    </chassis>
  </chassis-inventory>

```

```
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Hardware inventory of this chassis

<chassis>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<firmware-information>
<chassis>
<hardware-incomplete>
  hardware-incomplete
</hardware-incomplete>
<name>
  name
</name>
<version>
  version
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<chassis-module>....</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Hardware inventory of this chassis

<chassis-inventory>

Usage

```
<chassis-inventory>
<chassis>....</chassis>
</chassis-inventory>
```


Description**<chassis-inventory>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>....</chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<chassis-location>****Usage**

```
<chassis-location>
  <chassis-location-information>....</chassis-location-information>
</chassis-location>
```

Description**<chassis-location-fpc>****Usage**

```
<chassis-location-fpc>
  <chassis-location-fpc-information>....</chassis-location-fpc-information>
</chassis-location-fpc>
```

Description**<chassis-location-fpc-information>****Usage**

```
<chassis-location-fpc-information>
  <global-fpc-number>
    global-fpc-number
  </global-fpc-number>
  <lcc-number>
    lcc-number
  </lcc-number>
  <local-fpc-number>
    local-fpc-number
  </local-fpc-number>
</chassis-location-fpc-information>
```

Description

<chassis-location-fpc-information>

Usage

```
<chassis-location-fpc>
  <chassis-location-fpc-information>
    <global-fpc-number>
      global-fpc-number
    </global-fpc-number>
    <lcc-number>
      lcc-number
    </lcc-number>
    <local-fpc-number>
      local-fpc-number
    </local-fpc-number>
  </chassis-location-fpc-information>
</chassis-location-fpc>
```

Description

<chassis-location-information>

Usage

```
<chassis-location-information>
  <country-code>
    country-code
  </country-code>
  <postal-code>
    postal-code
  </postal-code>
  <npa-nxx>
    npa-nxx
  </npa-nxx>
  <latitude>
    latitude
  </latitude>
  <longitude>
    longitude
  </longitude>
  <altitude>
    altitude
  </altitude>
  <lata>
    lata
  </lata>
  <vcoord>
    vcoord
  </vcoord>
  <hcoord>
    hcoord
  </hcoord>
  <building>
    building
  </building>
  <floor>
    floor
```

```

</floor>
<rack>
  rack
</rack>
</chassis-location-information>

```

Description

<chassis-location-information>

Usage

```

<chassis-location>
  <chassis-location-information>
    <country-code>
      country-code
    </country-code>
    <postal-code>
      postal-code
    </postal-code>
    <npx-nxx>
      npa-nxx
    </npa-nxx>
    <latitude>
      latitude
    </latitude>
    <longitude>
      longitude
    </longitude>
    <altitude>
      altitude
    </altitude>
    <lata>
      lata
    </lata>
    <vcoord>
      vcoord
    </vcoord>
    <hcoord>
      hcoord
    </hcoord>
    <building>
      building
    </building>
    <floor>
      floor
    </floor>
    <rack>
      rack
    </rack>
  </chassis-location-information>
</chassis-location>

```

Description

<chassis-location-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-location-information>
      <country-code>
        country-code
      </country-code>
      <postal-code>
        postal-code
      </postal-code>
      <npa-nxx>
        npa-nxx
      </npa-nxx>
      <latitude>
        latitude
      </latitude>
      <longitude>
        longitude
      </longitude>
      <altitude>
        altitude
      </altitude>
      <lata>
        lata
      </lata>
      <vcoord>
        vcoord
      </vcoord>
      <hcoord>
        hcoord
      </hcoord>
      <building>
        building
      </building>
      <floor>
        floor
      </floor>
      <rack>
        rack
      </rack>
    </chassis-location-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-mac-information>

Usage

```
<chassis-mac-information>
  <fpc-mac-information>....</fpc-mac-information>
</chassis-mac-information>
```

Description

<chassis-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <name>
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <description>
        description
      </description>
      <i2c-information>....</i2c-information>
      <firmware>....</firmware>
      <chassis-sub-module>....</chassis-sub-module>
      <chassis-re-disk-module>....</chassis-re-disk-module>
      <chassis-re-usb-module>....</chassis-re-usb-module>
      <chassis-re-dimm-module>....</chassis-re-dimm-module>
    </chassis-module>
  </chassis>
</chassis-inventory>

```

Description

<chassis-module>

Usage

```

<firmware-information>
  <chassis>
    <chassis-module>
      <name>
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number

```

```
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<i2c-information>....</i2c-information>
<firmware>....</firmware>
<chassis-sub-module>....</chassis-sub-module>
<chassis-re-disk-module>....</chassis-re-disk-module>
<chassis-re-usb-module>....</chassis-re-usb-module>
<chassis-re-dimm-module>....</chassis-re-dimm-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
  <chassis-module>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
    <i2c-information>....</i2c-information>
```

```

    <firmware>....</firmware>
    <chassis-sub-module>....</chassis-sub-module>
    <chassis-re-disk-module>....</chassis-re-disk-module>
    <chassis-re-usb-module>....</chassis-re-usb-module>
    <chassis-re-dimm-module>....</chassis-re-dimm-module>
  </chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <description>
          description
        </description>
        <i2c-information>....</i2c-information>
        <firmware>....</firmware>
        <chassis-sub-module>....</chassis-sub-module>
        <chassis-re-disk-module>....</chassis-re-disk-module>
        <chassis-re-usb-module>....</chassis-re-usb-module>
        <chassis-re-dimm-module>....</chassis-re-dimm-module>
      </chassis-module>
    </chassis>
  </firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<chassis-re-dimm-module>****Usage**

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-re-dimm-module>
        <name>
          name
        </name>
        <part-number>
          part-number
        </part-number>
        <die-rev>
          die-rev
        </die-rev>
        <pcb-rev>
          pcb-rev
        </pcb-rev>
        <mfr-id>
          mfr-id
        </mfr-id>
      </chassis-re-dimm-module>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description**<chassis-re-dimm-module>****Usage**

```
<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-re-dimm-module>
        <name>
          name
        </name>
        <part-number>
          part-number
        </part-number>
        <die-rev>
          die-rev
        </die-rev>
        <pcb-rev>
          pcb-rev
        </pcb-rev>
        <mfr-id>
          mfr-id
        </mfr-id>
      </chassis-re-dimm-module>
    </chassis-module>
  </chassis>
</firmware-information>
```



```

</chassis>
</firmware-information>

```

Description

<chassis-re-dimm-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<chassis-re-dimm-module>
<name>
  name
</name>
<part-number>
  part-number
</part-number>
<die-rev>
  die-rev
</die-rev>
<pcb-rev>
  pcb-rev
</pcb-rev>
<mfr-id>
  mfr-id
</mfr-id>
</chassis-re-dimm-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-re-dimm-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<firmware-information>
<chassis>
<chassis-module>
<chassis-re-dimm-module>
<name>
  name
</name>
<part-number>
  part-number
</part-number>
<die-rev>

```

```
    die-rev
  </die-rev>
  <pcb-rev>
    pcb-rev
  </pcb-rev>
  <mfr-id>
    mfr-id
  </mfr-id>
</chassis-re-dimm-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-disk-module>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-re-disk-module>
        <name>
          name
        </name>
        <model>
          model
        </model>
        <serial-number>
          serial-number
        </serial-number>
        <disk-size>
          disk-size
        </disk-size>
        <description>
          description
        </description>
      </chassis-re-disk-module>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description

<chassis-re-disk-module>

Usage

```
<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-re-disk-module>
        <name>
```

```

        name
      </name>
      <model>
        model
      </model>
      <serial-number>
        serial-number
      </serial-number>
      <disk-size>
        disk-size
      </disk-size>
      <description>
        description
      </description>
    </chassis-re-disk-module>
  </chassis-module>
</chassis>
</firmware-information>

```

Description

<chassis-re-disk-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-re-disk-module>
            <name>
              name
            </name>
            <model>
              model
            </model>
            <serial-number>
              serial-number
            </serial-number>
            <disk-size>
              disk-size
            </disk-size>
            <description>
              description
            </description>
          </chassis-re-disk-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-re-disk-module>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-re-disk-module>
            <name>
              name
            </name>
            <model>
              model
            </model>
            <serial-number>
              serial-number
            </serial-number>
            <disk-size>
              disk-size
            </disk-size>
            <description>
              description
            </description>
          </chassis-re-disk-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-usb-module>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-re-usb-module>
        <name>
          name
        </name>
        <product>
          product
        </product>
        <product-number>
          product-number
        </product-number>
        <vendor>
          vendor
        </vendor>
        <description>
          description
        </description>
```

```

    </chassis-re-usb-module>
  </chassis-module>
</chassis>
</chassis-inventory>

```

Description

<chassis-re-usb-module>

Usage

```

<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-re-usb-module>
        <name>
          name
        </name>
        <product>
          product
        </product>
        <product-number>
          product-number
        </product-number>
        <vendor>
          vendor
        </vendor>
        <description>
          description
        </description>
      </chassis-re-usb-module>
    </chassis-module>
  </chassis>
</firmware-information>

```

Description

<chassis-re-usb-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <chassis-re-usb-module>
            <name>
              name
            </name>
            <product>
              product
            </product>
            <product-number>
              product-number
            </product-number>
          </chassis-re-usb-module>
        </chassis-module>
      </chassis>
    </chassis-inventory>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<vendor>
  vendor
</vendor>
<description>
  description
</description>
</chassis-re-usb-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-re-usb-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <chassis-re-usb-module>
          <name>
            name
          </name>
          <product>
            product
          </product>
          <product-number>
            product-number
          </product-number>
          <vendor>
            vendor
          </vendor>
          <description>
            description
          </description>
        </chassis-re-usb-module>
      </chassis-module>
    </chassis>
  </firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-sub-module>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
```

```

<chassis-sub-module>
  <name>
    name
  </name>
  <version>
    version
  </version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <description>
    description
  </description>
  <i2c-information>....</i2c-information>
  <firmware>....</firmware>
  <chassis-sub-sub-module>....</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<chassis-sub-module>

Usage

```

<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <name>
        name
      </name>
      <version>
        version
      </version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>

```

```
    clei-code
  </clei-code>
  <description>
    description
  </description>
  <i2c-information>....</i2c-information>
  <firmware>....</firmware>
  <chassis-sub-sub-module>....</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-sub-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <name>
            name
          </name>
          <version>
            version
          </version>
          <part-number>
            part-number
          </part-number>
          <serial-number>
            serial-number
          </serial-number>
          <model-number>
            model-number
          </model-number>
          <clei-code>
            clei-code
          </clei-code>
          <description>
            description
          </description>
          <i2c-information>....</i2c-information>
          <firmware>....</firmware>
          <chassis-sub-sub-module>....</chassis-sub-sub-module>
        </chassis-sub-module>
      </chassis-module>
    </chassis>
  </chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```


Description

<chassis-sub-module>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <name>
              name
            </name>
            <version>
              version
            </version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <description>
              description
            </description>
            <i2c-information>....</i2c-information>
            <firmware>....</firmware>
            <chassis-sub-sub-module>....</chassis-sub-sub-module>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-sub-sub-module>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <chassis-sub-sub-module>
          <name>
            name
          </name>

```

```
<version>
  version
</version>
<part-number>
  part-number
</part-number>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<clei-code>
  clei-code
</clei-code>
<description>
  description
</description>
<chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
```

Description

<chassis-sub-sub-module>

Usage

```
<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <chassis-sub-sub-module>
        <name>
          name
        </name>
        <version>
          version
        </version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <description>
          description
```

```

    </description>
    <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
  </chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>

```

Description

<chassis-sub-sub-module>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<chassis-sub-module>
  <chassis-sub-sub-module>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
    <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
  </chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<chassis-sub-sub-module>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <chassis-sub-sub-module>
              <name>
                name
              </name>
              <version>
                version
              </version>
              <part-number>
                part-number
              </part-number>
              <serial-number>
                serial-number
              </serial-number>
              <model-number>
                model-number
              </model-number>
              <clei-code>
                clei-code
              </clei-code>
              <description>
                description
              </description>
              <chassis-sub-sub-sub-module>....</chassis-sub-sub-sub-module>
            </chassis-sub-sub-module>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-sub-sub-sub-module>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <chassis-sub-sub-module>
          <chassis-sub-sub-sub-module>
            <name>
              name
            </name>
            <version>
```

```

    version
  </version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <description>
    description
  </description>
</chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<chassis-sub-sub-sub-module>

Usage

```

<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <chassis-sub-sub-module>
        <chassis-sub-sub-sub-module>
          <name>
            name
          </name>
          <version>
            version
          </version>
          <part-number>
            part-number
          </part-number>
          <serial-number>
            serial-number
          </serial-number>
          <model-number>
            model-number
          </model-number>
          <clei-code>
            clei-code
          </clei-code>
          <description>
            description

```

```
    </description>
  </chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
```

Description

<chassis-sub-sub-sub-module>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<chassis-sub-module>
<chassis-sub-sub-module>
  <chassis-sub-sub-sub-module>
    <name>
      name
    </name>
    <version>
      version
    </version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <description>
      description
    </description>
  </chassis-sub-sub-sub-module>
</chassis-sub-sub-module>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<chassis-sub-sub-sub-module>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <chassis-sub-sub-module>
              <chassis-sub-sub-sub-module>
                <name>
                  name
                </name>
                <version>
                  version
                </version>
                <part-number>
                  part-number
                </part-number>
                <serial-number>
                  serial-number
                </serial-number>
                <model-number>
                  model-number
                </model-number>
                <clei-code>
                  clei-code
                </clei-code>
                <description>
                  description
                </description>
              </chassis-sub-sub-sub-module>
            </chassis-sub-sub-module>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<chassis-zones-information>****Usage**

```

<chassis-zones-information>
  <name>
    name
  </name>
  <temperature>
    temperature
  </temperature>
  <zone-status>
    zone-status

```

```
</zone-status>
<comment>
  comment
</comment>
<fan-missing-cnt>
  fan-missing-cnt
</fan-missing-cnt>
<fan-failed-cnt>
  fan-failed-cnt
</fan-failed-cnt>
<fan-dutycycle>
  fan-dutycycle
</fan-dutycycle>
<fru-name>
  fru-name
</fru-name>
<cooling-fru-name>
  cooling-fru-name
</cooling-fru-name>
<fru-temp-status>
  fru-temp-status
</fru-temp-status>
<fru-fan-status>
  fru-fan-status
</fru-fan-status>
<fru-status>
  fru-status
</fru-status>
<fru-temperature>
  fru-temperature
</fru-temperature>
<fru-comment>
  fru-comment
</fru-comment>
<cooled-frus>....</cooled-frus>
<cooling-frus>....</cooling-frus>
</chassis-zones-information>
```

Description Show chassis cooling zones

<chassisd-database-memory-usage>

Usage

```
<chassisd-database-memory-usage>
  <database-memory-usage>....</database-memory-usage>
</chassisd-database-memory-usage>
```

Description

<chassisd-database-memory-usage>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
```



```

<chassisd-database-memory-usage>
  <database-memory-usage>....</database-memory-usage>
</chassisd-database-memory-usage>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<clock-synchronization>

Usage

```

<clock-synchronization-information>
  <clock-synchronization>
    <clock-fru>
      clock-fru
    </clock-fru>
    <mastership-state>
      mastership-state
    </mastership-state>
    <signal-type>
      signal-type
    </signal-type>
    <switching-mode>
      switching-mode
    </switching-mode>
    <line-termination>
      line-termination
    </line-termination>
    <transmit>
      transmit
    </transmit>
    <validation-interval>
      validation-interval
    </validation-interval>
    <automatic-switching>
      automatic-switching
    </automatic-switching>
    <marked-as-failed-source-list>....</marked-as-failed-source-list>
    <synchronization-source-list>....</synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>

```

Description

<clock-synchronization-information>

Usage

```

<clock-synchronization-information>
  <clock-synchronization>....</clock-synchronization>
</clock-synchronization-information>

```

Description

<configured-source>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <configured-source-list>
        <configured-source>
          <source-priority>
            source-priority
          </source-priority>
          <source-name>
            source-name
          </source-name>
          <deviation>
            deviation
          </deviation>
          <last-deviation>
            last-deviation
          </last-deviation>
          <status>
            status
          </status>
        </configured-source>
      </configured-source-list>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<configured-source-list>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <configured-source-list>
        <configured-source>....</configured-source>
      </configured-source-list>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<controller-information>

Usage

```
<poe>
  <controller-information>
    <controller-number>
      controller-number
    </controller-number>
```

```

<controller-firmware-available>
  controller-firmware-available
</controller-firmware-available>
<controller-maxpower>
  controller-maxpower
</controller-maxpower>
<controller-power>
  controller-power
</controller-power>
<controller-asterisk>
  controller-asterisk
</controller-asterisk>
<controller-guardband>
  controller-guardband
</controller-guardband>
<controller-management>
  controller-management
</controller-management>
<controller-status>
  controller-status
</controller-status>
</controller-information>
</poe>

```

Description**<cooled-frus>****Usage**

```

<chassis-zones-information>
  <cooled-frus>
</cooled-frus>
</chassis-zones-information>

```

Description**<cooling-frus>****Usage**

```

<chassis-zones-information>
  <cooling-frus>
</cooling-frus>
</chassis-zones-information>

```

Description**<current-source>****Usage**

```

<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <current-source>
      <clock-state>

```

```
        clock-state
      </clock-state>
    <up-time>
      up-time
    </up-time>
    <active-time>
      active-time
    </active-time>
    <deviation>
      deviation
    </deviation>
    <last-deviation>
      last-deviation
    </last-deviation>
  </current-source>
</synchronization-source-list>
</clock-synchronization>
</clock-synchronization-information>
```

Description

<database-memory-usage>

Usage

```
<database-memory-usage>
  <database-size>
    database-size
  </database-size>
  <database-allocated-size>
    database-allocated-size
  </database-allocated-size>
  <database-free-size>
    database-free-size
  </database-free-size>
</database-memory-usage>
```

Description

<database-memory-usage>

Usage

```
<chassisd-database-memory-usage>
  <database-memory-usage>
    <database-size>
      database-size
    </database-size>
    <database-allocated-size>
      database-allocated-size
    </database-allocated-size>
    <database-free-size>
      database-free-size
    </database-free-size>
  </database-memory-usage>
```

```
</chassisd-database-memory-usage>
```

Description

```
<database-memory-usage>
```

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassisd-database-memory-usage>
    <database-memory-usage>
      <database-size>
        database-size
      </database-size>
      <database-allocated-size>
        database-allocated-size
      </database-allocated-size>
      <database-free-size>
        database-free-size
      </database-free-size>
    </database-memory-usage>
  </chassisd-database-memory-usage>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

```
<dc-detail>
```

Usage

```
<environment-component-information>
<environment-component-item>
  <dc-information>
    <dc-detail>
      <dc-device>
        dc-device
      </dc-device>
      <dc-voltage>
        dc-voltage
      </dc-voltage>
      <dc-current>
        dc-current
      </dc-current>
      <dc-power>
        dc-power
      </dc-power>
      <dc-load>
        dc-load
      </dc-load>
    </dc-detail>
  </dc-information>
</environment-component-item>
</environment-component-information>
```

Description Detailed DC information

<dc-detail2>

Usage

```
<environment-component-information>
  <environment-component-item>
    <dc-information>
      <dc-detail2>
        <dc-device2>
          dc-device2
        </dc-device2>
        <dc-voltage-string>
          dc-voltage-string
        </dc-voltage-string>
        <dc-current-string>
          dc-current-string
        </dc-current-string>
        <dc-power-string>
          dc-power-string
        </dc-power-string>
        <dc-load-string>
          dc-load-string
        </dc-load-string>
      </dc-detail2>
    </dc-information>
  </environment-component-item>
</environment-component-information>
```

Description Detailed DC information

<dc-information>

Usage

```
<environment-component-information>
  <environment-component-item>
    <dc-information>
      <dc-input>
        dc-input
      </dc-input>
      <dc-output>
        dc-output
      </dc-output>
      <dc-detail>....</dc-detail>
      <dc-detail2>....</dc-detail2>
    </dc-information>
  </environment-component-item>
</environment-component-information>
```

Description

<dc-input-detail>**Usage**

```

<power-usage-information>
  <power-usage-item>
    <dc-input-detail>
      <dc-input>
        dc-input
      </dc-input>
      <reference-voltage>
        reference-voltage
      </reference-voltage>
      <actual-voltage>
        actual-voltage
      </actual-voltage>
      <dc-expect-feed>
        dc-expect-feed
      </dc-expect-feed>
      <dc-actual-feed>
        dc-actual-feed
      </dc-actual-feed>
    </dc-input-detail>
  </power-usage-item>
</power-usage-information>

```

Description**<dc-output-detail>****Usage**

```

<power-usage-information>
  <power-usage-item>
    <dc-output-detail>
      <dc-voltage>
        dc-voltage
      </dc-voltage>
      <dc-current>
        dc-current
      </dc-current>
      <dc-power>
        dc-power
      </dc-power>
      <dc-load>
        dc-load
      </dc-load>
      <zone>
        zone
      </zone>
    </dc-output-detail>
  </power-usage-item>
</power-usage-information>

```

Description

<display-panel>

Usage

```
<front-panel>
  <display-panel>
    <display-row-1>
      display-row-1
    </display-row-1>
    <display-row-2>
      display-row-2
    </display-row-2>
  </display-panel>
</front-panel>
```

Description Text currently appearing on the LCD interface display

<display-panel>

Usage

```
<get-craft-information>
  <front-panel>
    <display-panel>
      <display-row-1>
        display-row-1
      </display-row-1>
      <display-row-2>
        display-row-2
      </display-row-2>
    </display-panel>
  </front-panel>
</get-craft-information>
```

Description Text currently appearing on the LCD interface display

<environment-component-information>

Usage

```
<environment-component-information>
  <environment-component-item>....</environment-component-item>
</environment-component-information>
```

Description

<environment-component-item>

Usage

```
<environment-component-information>
  <environment-component-item>
    <name>
      name
    </name>
    <state>
```



```

    state
  </state>
  <temperature-reading>....</temperature-reading>
  <bus-revision>
    bus-revision
  </bus-revision>
  <cmb-revision>
    cmb-revision
  </cmb-revision>
  <fpga-revision>
    fpga-revision
  </fpga-revision>
  <fpga-revision-detail>....</fpga-revision-detail>
  <slave-revision>
    slave-revision
  </slave-revision>
  <reason>
    reason
  </reason>
  <revision>....</revision>
  <slave-registers-information>....</slave-registers-information>
  <fpga-registers>....</fpga-registers>
  <power-information>....</power-information>
  <frequency>
    frequency
  </frequency>
  <pcg-frequency>....</pcg-frequency>
  <dc-information>....</dc-information>
  <load>
    load
  </load>
  <ac-input>
    ac-input
  </ac-input>
  <airflow-direction>....</airflow-direction>
  <input-voltage>....</input-voltage>
  <output-detail>....</output-detail>
</environment-component-item>
</environment-component-information>

```

Description Chassis environment component

<environment-information>

Usage

```

<environment-information>
  <environment-item>....</environment-item>
</environment-information>

```

Description

<environment-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <environment-information>
      <environment-item>....</environment-item>
    </environment-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<environment-item>

Usage

```
<environment-information>
  <environment-item>
    <class>
      class
    </class>
    <name>
      name
    </name>
    <status>
      status
    </status>
    <temperature>
      temperature
    </temperature>
    <comment>
      comment
    </comment>
  </environment-item>
</environment-information>
```

Description

<environment-item>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <environment-information>
      <environment-item>
        <class>
          class
        </class>
        <name>
          name
        </name>
        <status>
          status
        </status>
```

```

    <temperature>
      temperature
    </temperature>
    <comment>
      comment
    </comment>
  </environment-item>
</environment-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fan-information>

Usage

```

<fan-information>
  <name>
    name
  </name>
  <status>
    status
  </status>
  <rpm>
    rpm
  </rpm>
  <comment>
    comment
  </comment>
  <fan-information-item>....</fan-information-item>
</fan-information>

```

Description

<fan-information-item>

Usage

```

<fan-information>
  <fan-information-item>
</fan-information-item>
</fan-information>

```

Description

<feb-led>

Usage

```

<feb-led-information>
  <feb-led>
    <feb-slot>
      feb-slot
    </feb-slot>
    <feb-state>
      feb-state

```

```
</feb-state>
<feb-ok-led>
  feb-ok-led
</feb-ok-led>
<feb-fail-led>
  feb-fail-led
</feb-fail-led>
<feb-active-led>
  feb-active-led
</feb-active-led>
<connectivity-led0>
  connectivity-led0
</connectivity-led0>
<connectivity-led1>
  connectivity-led1
</connectivity-led1>
<connectivity-led2>
  connectivity-led2
</connectivity-led2>
<connectivity-led3>
  connectivity-led3
</connectivity-led3>
<connectivity-led4>
  connectivity-led4
</connectivity-led4>
<connectivity-led5>
  connectivity-led5
</connectivity-led5>
</feb-led>
</feb-led-information>
```

Description**<feb-led-information>****Usage**

```
<feb-led-information>
  <feb-led>....</feb-led>
</feb-led-information>
```

Description Information about the LEDs on the Forwarding Engine Board**<feb-redundancy-error-information>****Usage**

```
<feb-redundancy-error-information>
  <feb-redundancy-group-errors>....</feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

Description FEB redundancy error information

<feb-redundancy-group-errors>**Usage**

```

<feb-redundancy-error-information>
  <feb-redundancy-group-errors>
    <feb-redundancy-group-name>
      feb-redundancy-group-name
    </feb-redundancy-group-name>
    <feb-redundancy-group-description>
      feb-redundancy-group-description
    </feb-redundancy-group-description>
    <feb-redundancy-group-feb-errors>....</feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>

```

Description FEB redundancy error information for a FEB group

<feb-redundancy-group-feb-errors>**Usage**

```

<feb-redundancy-error-information>
  <feb-redundancy-group-errors>
    <feb-redundancy-group-feb-errors>
      <feb-slot>
        feb-slot
      </feb-slot>
      <feb-state>
        feb-state
      </feb-state>
      <feb-harderror-state>
        feb-harderror-state
      </feb-harderror-state>
    </feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>

```

<feb-redundancy-group-feb-fpc-errors>....</feb-redundancy-group-feb-fpc-errors>

<feb-redundancy-group-feb-fabric-plane-errors>....</feb-redundancy-group-feb-fabric-plane-errors>

Description FEB redundancy error information for a FEB

<feb-redundancy-group-feb-fabric-plane-errors>**Usage**

```

<feb-redundancy-error-information>
  <feb-redundancy-group-errors>
    <feb-redundancy-group-feb-errors>
      <feb-redundancy-group-feb-fabric-plane-errors>
        <fabric-plane-number>
          fabric-plane-number
        </fabric-plane-number>
      </feb-redundancy-group-feb-fabric-plane-errors>
    </feb-redundancy-group-feb-errors>
  </feb-redundancy-group-errors>
</feb-redundancy-error-information>

```

```
</fabric-plane-number>
<fabric-plane-status>
  fabric-plane-status
</fabric-plane-status>
</feb-redundancy-group-feb-fabric-plane-errors>
</feb-redundancy-group-feb-errors>
</feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

Description FEB redundancy error information for a fabric plane

<feb-redundancy-group-feb-fpc-errors>

Usage

```
<feb-redundancy-error-information>
<feb-redundancy-group-errors>
  <feb-redundancy-group-feb-errors>
    <feb-redundancy-group-feb-fpc-errors>
      <fpc-slot>
        fpc-slot
      </fpc-slot>
      <fpc-link-status>
        fpc-link-status
      </fpc-link-status>
    </feb-redundancy-group-feb-fpc-errors>
  </feb-redundancy-group-feb-errors>
</feb-redundancy-group-errors>
</feb-redundancy-error-information>
```

Description FEB redundancy error information for an FPC

<feb-redundancy-group-information>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>
    <feb-redundancy-group-name>
      feb-redundancy-group-name
    </feb-redundancy-group-name>
    <feb-redundancy-group-description>
      feb-redundancy-group-description
    </feb-redundancy-group-description>

    <feb-redundancy-group-information-item> ....</feb-redundancy-group-information-item>

    <feb-redundancy-autofailover>
      feb-redundancy-autofailover
    </feb-redundancy-autofailover>
    <feb-redundancy-switch-reason>
      feb-redundancy-switch-reason
    </feb-redundancy-switch-reason>
  </feb-redundancy-group-information>
```

</feb-redundancy-information>

Description FEB redundancy information for a redundancy group

<feb-redundancy-group-information-item>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>
    <feb-redundancy-group-information-item>
      <feb-slot>
        feb-slot
      </feb-slot>
      <feb-state>
        feb-state
      </feb-state>
      <redundancy-priority>
        redundancy-priority
      </redundancy-priority>
      <connected-fpcs>
        connected-fpcs
      </connected-fpcs>
      <redundancy-state>
        redundancy-state
      </redundancy-state>
      <redundancy-state-description>
        redundancy-state-description
      </redundancy-state-description>
    </feb-redundancy-group-information-item>
  </feb-redundancy-group-information>
</feb-redundancy-information>
```

Description FEB redundancy information for a FEB

<feb-redundancy-information>

Usage

```
<feb-redundancy-information>
  <feb-redundancy-group-information>....</feb-redundancy-group-information>
</feb-redundancy-information>
```

Description FEB redundancy information

<firmware>

Usage

```
<firmware>
  <type>
    type
  </type>
  <firmware-version>
```

```
    firmware-version
  </firmware-version>
</firmware>
```

Description

<firmware>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <firmware>
        <type>
          type
        </type>
        <firmware-version>
          firmware-version
        </firmware-version>
      </firmware>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description

<firmware>

Usage

```
<chassis-inventory>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <firmware>
          <type>
            type
          </type>
          <firmware-version>
            firmware-version
          </firmware-version>
        </firmware>
      </chassis-sub-module>
    </chassis-module>
  </chassis>
</chassis-inventory>
```

Description

<firmware>

Usage

```
<firmware-information>
  <chassis>
    <chassis-module>
```



```

<firmware>
  <type>
    type
  </type>
  <firmware-version>
    firmware-version
  </firmware-version>
</firmware>
</chassis-module>
</chassis>
</firmware-information>

```

Description**<firmware>****Usage**

```

<firmware-information>
  <chassis>
    <chassis-module>
      <chassis-sub-module>
        <firmware>
          <type>
            type
          </type>
          <firmware-version>
            firmware-version
          </firmware-version>
        </firmware>
      </chassis-sub-module>
    </chassis-module>
  </chassis>
</firmware-information>

```

Description**<firmware>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <chassis-inventory>
      <chassis>
        <chassis-module>
          <firmware>
            <type>
              type
            </type>
            <firmware-version>
              firmware-version
            </firmware-version>
          </firmware>
        </chassis-module>
      </chassis>

```

```
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<firmware>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<chassis-sub-module>
<firmware>
<type>
  type
</type>
<firmware-version>
  firmware-version
</firmware-version>
</firmware>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<firmware>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<firmware-information>
<chassis>
<chassis-module>
<firmware>
<type>
  type
</type>
<firmware-version>
  firmware-version
</firmware-version>
</firmware>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<firmware>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <chassis-sub-module>
            <firmware>
              <type>
                type
              </type>
              <firmware-version>
                firmware-version
              </firmware-version>
            </firmware>
          </chassis-sub-module>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<firmware-information>****Usage**

```

<firmware-information>
  <chassis>.....</chassis>
</firmware-information>

```

Description Information about component firmware versions

<firmware-information>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>.....</chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Information about component firmware versions

<firmware-module>

Usage

```
<firmware-version-information>
  <firmware-module>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-version>
      firmware-version
    </firmware-version>
  </firmware-module>
</firmware-version-information>
```

Description

<firmware-version-information>

Usage

```
<firmware-version-information>
  <firmware-module>....</firmware-module>
</firmware-version-information>
```

Description Information about component firmware versions

<firmware-version-mismatch>

Usage

```
<firmware-version-mismatch>
  <routing-engine-software-version>
    routing-engine-software-version
  </routing-engine-software-version>
  <jfirmware-version>
    jfirmware-version
  </jfirmware-version>
</firmware-version-mismatch>
```

Description Firmware version mismatch warning

<firmware-version-mismatch>

Usage

```
<system-firmware-compatibility-information>
  <firmware-version-mismatch>
    <routing-engine-software-version>
      routing-engine-software-version
    </routing-engine-software-version>
    <jfirmware-version>
      jfirmware-version
    </jfirmware-version>
  </firmware-version-mismatch>
</system-firmware-compatibility-information>
```

```

    </jfirmware-version>
  </firmware-version-mismatch>
</system-firmware-compatibility-information>

```

Description Firmware version mismatch warning

<firmware-version-mismatch>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <firmware-version-mismatch>
        <routing-engine-software-version>
          routing-engine-software-version
        </routing-engine-software-version>
        <jfirmware-version>
          jfirmware-version
        </jfirmware-version>
      </firmware-version-mismatch>
    </system-firmware-compatibility-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Firmware version mismatch warning

<fm-first-error-ln>

Usage

```

<fm-fru-errors>
  <fm-first-error-ln>
    <fm-first-error-time>
      fm-first-error-time
    </fm-first-error-time>
    <fm-first-error-detail>
      fm-first-error-detail
    </fm-first-error-detail>
  </fm-first-error-ln>
</fm-fru-errors>

```

Description

<fm-fpc-ln>

Usage

```

<fm-fpc-state-information>
  <fm-fpc-ln>
    <slot>
      slot
    </slot>
    <fm-pfe-ln>....</fm-pfe-ln>
  </fm-fpc-ln>

```

</fm-fpc-state-information>

Description

<fm-fpc-ln>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <slot>
          slot
        </slot>
      <fm-pfe-ln>....</fm-pfe-ln>
    </fm-fpc-ln>
  </fm-fpc-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-fpc-state-information>

Usage

```
<fm-fpc-state-information>
  <fm-fpc-ln>....</fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-fpc-state-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>....</fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-fru-errors>

Usage

```
<fm-fru-errors>
  <fm-fru-first-error-header>
    fm-fru-first-error-header
  </fm-fru-first-error-header>
  <fm-fru-last-error-header>
    fm-fru-last-error-header
  </fm-fru-last-error-header>
```

```

</fm-fru-last-error-header>
<fm-first-error-ln>....</fm-first-error-ln>
<fm-last-error-ln>....</fm-last-error-ln>
</fm-fru-errors>

```

Description

<fm-last-error-ln>

Usage

```

<fm-fru-errors>
<fm-last-error-ln>
  <fm-last-error-time>
    fm-last-error-time
  </fm-last-error-time>
  <fm-last-error-detail>
    fm-last-error-detail
  </fm-last-error-detail>
</fm-last-error-ln>
</fm-fru-errors>

```

Description

<fm-pfe-ln>

Usage

```

<fm-fpc-state-information>
<fm-fpc-ln>
  <fm-pfe-ln>
    <pfe-slot>
      pfe-slot
    </pfe-slot>
    <fm-sib-ln>....</fm-sib-ln>
    <fm-plane-ln>....</fm-plane-ln>
  </fm-pfe-ln>
</fm-fpc-ln>
</fm-fpc-state-information>

```

Description

<fm-pfe-ln>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-fpc-state-information>
    <fm-fpc-ln>
      <fm-pfe-ln>
        <pfe-slot>
          pfe-slot
        </pfe-slot>
        <fm-sib-ln>....</fm-sib-ln>
        <fm-plane-ln>....</fm-plane-ln>
      </fm-pfe-ln>
    </fm-fpc-ln>
  </fm-fpc-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

```
</fm-fpc-ln>
</fm-fpc-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-plane-ln>

Usage

```
<fm-fpc-state-information>
<fm-fpc-ln>
<fm-pfe-ln>
<fm-plane-ln>
<plane-slot>
  plane-slot
</plane-slot>
<plane-fm-state>
  plane-fm-state
</plane-fm-state>
</fm-plane-ln>
</fm-pfe-ln>
</fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-plane-ln>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-fpc-state-information>
<fm-fpc-ln>
<fm-pfe-ln>
<fm-plane-ln>
<plane-slot>
  plane-slot
</plane-slot>
<plane-fm-state>
  plane-fm-state
</plane-fm-state>
</fm-plane-ln>
</fm-pfe-ln>
</fm-fpc-ln>
</fm-fpc-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-plane-location>**Usage**

```

<fm-plane-location-information>
  <fm-plane-location>
    <plane-slot>
      plane-slot
    </plane-slot>
    <cb-slot>
      cb-slot
    </cb-slot>
    <plane>
      plane
    </plane>
    <sib-f13-slot>
      sib-f13-slot
    </sib-f13-slot>
    <sib-f2-slot>
      sib-f2-slot
    </sib-f2-slot>
    <sib-l-slot>
      sib-l-slot
    </sib-l-slot>
  </fm-plane-location>
</fm-plane-location-information>

```

Description**<fm-plane-location-information>****Usage**

```

<fm-plane-location-information>
  <fm-plane-location>....</fm-plane-location>
</fm-plane-location-information>

```

Description**<fm-plane-state-information>****Usage**

```

<fm-plane-state-information>
  <fabric-header>
    fabric-header
  </fabric-header>
  <fmp-plane>....</fmp-plane>
</fm-plane-state-information>

```

Description**<fm-sib-ln>****Usage**

```

<fm-fpc-state-information>

```

```
<fm-fpc-ln>
  <fm-pfe-ln>
    <fm-sib-ln>
      <sib-slot>
        sib-slot
      </sib-slot>
      <sib-fm-state>
        sib-fm-state
      </sib-fm-state>
    </fm-sib-ln>
  </fm-pfe-ln>
</fm-fpc-ln>
</fm-fpc-state-information>
```

Description

<fm-sib-ln>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-fpc-state-information>
      <fm-fpc-ln>
        <fm-pfe-ln>
          <fm-sib-ln>
            <sib-slot>
              sib-slot
            </sib-slot>
            <sib-fm-state>
              sib-fm-state
            </sib-fm-state>
          </fm-sib-ln>
        </fm-pfe-ln>
      </fm-fpc-ln>
    </fm-fpc-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-sib-state-information>

Usage

```
<fm-sib-state-information>
  <fms-sib-ln>....</fms-sib-ln>
</fm-sib-state-information>
```

Description

<fm-sib-state-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
```

```

<fm-sib-state-information>
  <fms-sib-ln>....</fms-sib-ln>
</fm-sib-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-state-information>

Usage

```

<fm-state-information>
  <fm-state-item>....</fm-state-item>
</fm-state-information>

```

Description

<fm-state-item>

Usage

```

<fm-state-information>
  <fm-state-item>
    <plane-slot>
      plane-slot
    </plane-slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
  </fm-state-item>
</fm-state-information>

```

Description

<fm-topo-link>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-sib>
      fm-topo-sib
    </fm-topo-sib>
    <fm-topo-dbl-line>
      fm-topo-dbl-line
    </fm-topo-dbl-line>
    <fm-topo-fail-msg>
      fm-topo-fail-msg
    </fm-topo-fail-msg>
    <fm-topo-link-details>....</fm-topo-link-details>
    <fm-topo-link-information>....</fm-topo-link-information>
    <fm-topo-link-information-sgl>....</fm-topo-link-information-sgl>
  </fm-topo-link>

```

</fm-topology>

Description

<fm-topo-link>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-sib>
          fm-topo-sib
        </fm-topo-sib>
        <fm-topo-dbl-line>
          fm-topo-dbl-line
        </fm-topo-dbl-line>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
        <fm-topo-link-details>....</fm-topo-link-details>
        <fm-topo-link-information>....</fm-topo-link-information>
        <fm-topo-link-information-sgl>....</fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-des>

Usage

```
<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-des>
      <fm-topo-link-des-in>
        fm-topo-link-des-in
      </fm-topo-link-des-in>
      <fm-topo-link-des-out>
        fm-topo-link-des-out
      </fm-topo-link-des-out>
      <hsl2-state-des>
        hsl2-state-des
      </hsl2-state-des>
    </fm-topo-link-des>
  </fm-topo-link-src-des>
</fm-topology>
```

Description

<fm-topo-link-des>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link-src-des>
        <fm-topo-link-des>
          <fm-topo-link-des-in>
            fm-topo-link-des-in
          </fm-topo-link-des-in>
          <fm-topo-link-des-out>
            fm-topo-link-des-out
          </fm-topo-link-des-out>
          <hsl2-state-des>
            hsl2-state-des
          </hsl2-state-des>
        </fm-topo-link-des>
      </fm-topo-link-src-des>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-type>
        fm-topo-link-type
      </fm-topo-link-type>
      <fm-topo-sib-source>
        fm-topo-sib-source
      </fm-topo-sib-source>
      <fm-topo-sib-dest>
        fm-topo-sib-dest
      </fm-topo-sib-dest>
      <source-pfe-xc-link>
        source-pfe-xc-link
      </source-pfe-xc-link>
      <dest-pfe-xc-link>
        dest-pfe-xc-link
      </dest-pfe-xc-link>
      <vcSEL-status>
        vcSEL-status
      </vcSEL-status>
      <hsl2-channel>
        hsl2-channel
      </hsl2-channel>
      <hsl2-status>
        hsl2-status
      </hsl2-status>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>

```

```
<fm-topo-link-in-out>....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
<fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details>

Usage

```
<fm-topology>
<fm-topo-link>
  <fm-topo-link-information>
    <fm-topo-link-details>
      <fm-topo-link-type>
        fm-topo-link-type
      </fm-topo-link-type>
      <fm-topo-sib-source>
        fm-topo-sib-source
      </fm-topo-sib-source>
      <fm-topo-sib-dest>
        fm-topo-sib-dest
      </fm-topo-sib-dest>
      <source-pfe-xc-link>
        source-pfe-xc-link
      </source-pfe-xc-link>
      <dest-pfe-xc-link>
        dest-pfe-xc-link
      </dest-pfe-xc-link>
      <vcSEL-status>
        vcSEL-status
      </vcSEL-status>
      <hsl2-channel>
        hsl2-channel
      </hsl2-channel>
      <hsl2-status>
        hsl2-status
      </hsl2-status>
      <fm-topo-link-in-out>....</fm-topo-link-in-out>
      <fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
      <fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
      <fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
      <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
    </fm-topo-link-details>
  </fm-topo-link-information>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details>**Usage**

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-type>
          fm-topo-link-type
        </fm-topo-link-type>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>
        <fm-topo-sib-dest>
          fm-topo-sib-dest
        </fm-topo-sib-dest>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcsl-status>
          vcsl-status
        </vcsl-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
        <fm-topo-link-in-out>....</fm-topo-link-in-out>
        <fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
        <fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
        <fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
        <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description**<fm-topo-link-details>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-type>
            fm-topo-link-type
          </fm-topo-link-type>
          <fm-topo-sib-source>

```

```

    fm-topo-sib-source
  </fm-topo-sib-source>
  <fm-topo-sib-dest>
    fm-topo-sib-dest
  </fm-topo-sib-dest>
  <source-pfe-xc-link>
    source-pfe-xc-link
  </source-pfe-xc-link>
  <dest-pfe-xc-link>
    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcSEL-status>
    vcSEL-status
  </vcSEL-status>
  <hsl2-channel>
    hsl2-channel
  </hsl2-channel>
  <hsl2-status>
    hsl2-status
  </hsl2-status>
  <fm-topo-link-in-out>.....</fm-topo-link-in-out>
  <fm-topo-link-details-head-lcc>.....</fm-topo-link-details-head-lcc>
  <fm-topo-link-details-lcc>.....</fm-topo-link-details-lcc>
  <fm-topo-link-details-head-sfc>.....</fm-topo-link-details-head-sfc>
  <fm-topo-link-details-sfc>.....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-details>
            <fm-topo-link-type>
              fm-topo-link-type
            </fm-topo-link-type>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
            <source-pfe-xc-link>
              source-pfe-xc-link
            </source-pfe-xc-link>
            <dest-pfe-xc-link>

```



```

    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcSEL-status>
    vcSEL-status
  </vcSEL-status>
  <hsl2-channel>
    hsl2-channel
  </hsl2-channel>
  <hsl2-status>
    hsl2-status
  </hsl2-status>
  <fm-topo-link-in-out>....</fm-topo-link-in-out>
  <fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
  <fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
  <fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
  <fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-type>
              fm-topo-link-type
            </fm-topo-link-type>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
            <source-pfe-xc-link>
              source-pfe-xc-link
            </source-pfe-xc-link>
            <dest-pfe-xc-link>
              dest-pfe-xc-link
            </dest-pfe-xc-link>
            <vcSEL-status>
              vcSEL-status
            </vcSEL-status>
            <hsl2-channel>
              hsl2-channel
            </hsl2-channel>
          </fm-topo-link-information-sgl>
        </fm-topo-link>
      </fm-topology>
    </multi-routing-engine-item>
  </multi-routing-engine-results>

```

```
<hsl2-status>
  hsl2-status
</hsl2-status>
<fm-topo-link-in-out>....</fm-topo-link-in-out>
<fm-topo-link-details-head-lcc>....</fm-topo-link-details-head-lcc>
<fm-topo-link-details-lcc>....</fm-topo-link-details-lcc>
<fm-topo-link-details-head-sfc>....</fm-topo-link-details-head-sfc>
<fm-topo-link-details-sfc>....</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<fm-topology>
<fm-topo-link>
  <fm-topo-link-details>
    <fm-topo-link-details-head-lcc>
      <fm-topo-sib-source>
        fm-topo-sib-source
      </fm-topo-sib-source>
      <fm-topo-sib-dest>
        fm-topo-sib-dest
      </fm-topo-sib-dest>
    </fm-topo-link-details-head-lcc>
  </fm-topo-link-details>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<fm-topology>
<fm-topo-link>
  <fm-topo-link-information>
    <fm-topo-link-details>
      <fm-topo-link-details-head-lcc>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>
        <fm-topo-sib-dest>
          fm-topo-sib-dest
        </fm-topo-sib-dest>
      </fm-topo-link-details-head-lcc>
    </fm-topo-link-details>
  </fm-topo-link-information>
```

```

    </fm-topo-link>
  </fm-topology>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-head-lcc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-lcc>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-details-head-lcc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-lcc>
        </fm-topo-link-details>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information>
        <fm-topo-link-details>
          <fm-topo-link-details-head-lcc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-lcc>
        </fm-topo-link-details>
      </fm-topo-link-information>
    </fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-head-lcc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information-sgl>
        <fm-topo-link-details>
          <fm-topo-link-details-head-lcc>
            <fm-topo-sib-source>
              fm-topo-sib-source
            </fm-topo-sib-source>
            <fm-topo-sib-dest>
              fm-topo-sib-dest
            </fm-topo-sib-dest>
          </fm-topo-link-details-head-lcc>
        </fm-topo-link-details>
      </fm-topo-link-information-sgl>
    </fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-head-sfc>
        <fm-topo-sib-source>
          fm-topo-sib-source
        </fm-topo-sib-source>
        <fm-topo-sib-dest>
          fm-topo-sib-dest
        </fm-topo-sib-dest>
      </fm-topo-link-details-head-sfc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-head-sfc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>
            fm-topo-sib-dest
          </fm-topo-sib-dest>
        </fm-topo-link-details-head-sfc>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-details-head-sfc>
          <fm-topo-sib-source>
            fm-topo-sib-source
          </fm-topo-sib-source>
          <fm-topo-sib-dest>

```

```
    fm-topo-sib-dest
  </fm-topo-sib-dest>
</fm-topo-link-details-head-sfc>
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-details>
  <fm-topo-link-details-head-sfc>
    <fm-topo-sib-source>
      fm-topo-sib-source
    </fm-topo-sib-source>
    <fm-topo-sib-dest>
      fm-topo-sib-dest
    </fm-topo-sib-dest>
  </fm-topo-link-details-head-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-head-sfc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-details>
  <fm-topo-link-details-head-sfc>
    <fm-topo-sib-source>
      fm-topo-sib-source
    </fm-topo-sib-source>
    <fm-topo-sib-dest>
      fm-topo-sib-dest
    </fm-topo-sib-dest>
  </fm-topo-link-details-head-sfc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
```

```

    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-head-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-details-head-sfc>
              <fm-topo-sib-source>
                fm-topo-sib-source
              </fm-topo-sib-source>
              <fm-topo-sib-dest>
                fm-topo-sib-dest
              </fm-topo-sib-dest>
            </fm-topo-link-details-head-sfc>
          </fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-lcc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-lcc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcSEL-status>
          vcSEL-status
        </vcSEL-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-lcc>
    </fm-topo-link>
  </fm-topology>

```

```
</fm-topo-link-details-lcc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-details>
<fm-topo-link-details-lcc>
  <source-pfe-xc-link>
    source-pfe-xc-link
  </source-pfe-xc-link>
  <dest-pfe-xc-link>
    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcSEL-status>
    vcSEL-status
  </vcSEL-status>
  <hsl2-channel>
    hsl2-channel
  </hsl2-channel>
  <hsl2-status>
    hsl2-status
  </hsl2-status>
</fm-topo-link-details-lcc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<fm-topology>
<fm-topo-link>
<fm-topo-link-information-sgl>
<fm-topo-link-details>
<fm-topo-link-details-lcc>
  <source-pfe-xc-link>
    source-pfe-xc-link
  </source-pfe-xc-link>
  <dest-pfe-xc-link>
    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcSEL-status>
    vcSEL-status
```



```

    </vtsel-status>
    <hsl2-channel>
      hsl2-channel
    </hsl2-channel>
    <hsl2-status>
      hsl2-status
    </hsl2-status>
  </fm-topo-link-details-lcc>
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-lcc>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-lcc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vtsel-status>
          vtsel-status
        </vtsel-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-lcc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-lcc>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>

```

```
<fm-topo-link>
  <fm-topo-link-information>
    <fm-topo-link-details>
      <fm-topo-link-details-lcc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcsl-status>
          vcsl-status
        </vcsl-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-lcc>
    </fm-topo-link-details>
  </fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-lcc>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-details>
            <fm-topo-link-details-lcc>
              <source-pfe-xc-link>
                source-pfe-xc-link
              </source-pfe-xc-link>
              <dest-pfe-xc-link>
                dest-pfe-xc-link
              </dest-pfe-xc-link>
              <vcsl-status>
                vcsl-status
              </vcsl-status>
              <hsl2-channel>
                hsl2-channel
              </hsl2-channel>
              <hsl2-status>
                hsl2-status
              </hsl2-status>
            </fm-topo-link-details-lcc>
```

```

        </fm-topo-link-details>
      </fm-topo-link-information-sgl>
    </fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-details-sfc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vcSEL-status>
          vcSEL-status
        </vcSEL-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-sfc>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-details-sfc>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-details-sfc>
          <source-pfe-xc-link>
            source-pfe-xc-link
          </source-pfe-xc-link>
          <dest-pfe-xc-link>
            dest-pfe-xc-link
          </dest-pfe-xc-link>
          <vcSEL-status>
            vcSEL-status

```

```
</vtsel-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-sfc>

Usage

```
<fm-topology>
<fm-topo-link>
  <fm-topo-link-information-sgl>
    <fm-topo-link-details>
      <fm-topo-link-details-sfc>
        <source-pfe-xc-link>
          source-pfe-xc-link
        </source-pfe-xc-link>
        <dest-pfe-xc-link>
          dest-pfe-xc-link
        </dest-pfe-xc-link>
        <vtsel-status>
          vtsel-status
        </vtsel-status>
        <hsl2-channel>
          hsl2-channel
        </hsl2-channel>
        <hsl2-status>
          hsl2-status
        </hsl2-status>
      </fm-topo-link-details-sfc>
    </fm-topo-link-details>
  </fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-details-sfc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-details>
```

```

<fm-topo-link-details-sfc>
  <source-pfe-xc-link>
    source-pfe-xc-link
  </source-pfe-xc-link>
  <dest-pfe-xc-link>
    dest-pfe-xc-link
  </dest-pfe-xc-link>
  <vcSEL-status>
    vcSEL-status
  </vcSEL-status>
  <hsl2-channel>
    hsl2-channel
  </hsl2-channel>
  <hsl2-status>
    hsl2-status
  </hsl2-status>
</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-details-sfc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-details>
            <fm-topo-link-details-sfc>
              <source-pfe-xc-link>
                source-pfe-xc-link
              </source-pfe-xc-link>
              <dest-pfe-xc-link>
                dest-pfe-xc-link
              </dest-pfe-xc-link>
              <vcSEL-status>
                vcSEL-status
              </vcSEL-status>
              <hsl2-channel>
                hsl2-channel
              </hsl2-channel>
              <hsl2-status>
                hsl2-status
              </hsl2-status>
            </fm-topo-link-details-sfc>
          </fm-topo-link-details>
        </fm-topo-link-information>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-details-sfc>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
<fm-topo-link>
<fm-topo-link-information-sgl>
<fm-topo-link-details>
<fm-topo-link-details-sfc>
<source-pfe-xc-link>
  source-pfe-xc-link
</source-pfe-xc-link>
<dest-pfe-xc-link>
  dest-pfe-xc-link
</dest-pfe-xc-link>
<vcsl-status>
  vcsl-status
</vcsl-status>
<hsl2-channel>
  hsl2-channel
</hsl2-channel>
<hsl2-status>
  hsl2-status
</hsl2-status>
</fm-topo-link-details-sfc>
</fm-topo-link-details>
</fm-topo-link-information-sgl>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-fail>

Usage

```
<fm-topology>
<fm-topo-link>
<fm-topo-link-information>
<fm-topo-link-fail>
<fm-topo-sib>
  fm-topo-sib
</fm-topo-sib>
<fm-topo-fail-msg>
  fm-topo-fail-msg
</fm-topo-fail-msg>
</fm-topo-link-fail>
```

```

    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-fail>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-fail>
            <fm-topo-sib>
              fm-topo-sib
            </fm-topo-sib>
            <fm-topo-fail-msg>
              fm-topo-fail-msg
            </fm-topo-fail-msg>
          </fm-topo-link-fail>
        </fm-topo-link-information>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-fail-sgl>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-fail-sgl>
        <fm-topo-sib>
          fm-topo-sib
        </fm-topo-sib>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
      </fm-topo-link-fail-sgl>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-fail-sgl>

Usage

```

<multi-routing-engine-results>

```

```
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information-sgl>
        <fm-topo-link-fail-sgl>
          <fm-topo-sib>
            fm-topo-sib
          </fm-topo-sib>
        <fm-topo-fail-msg>
          fm-topo-fail-msg
        </fm-topo-fail-msg>
      </fm-topo-link-fail-sgl>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-in-out>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-details>
      <fm-topo-link-in-out>
        <fm-topo-link-type>
          fm-topo-link-type
        </fm-topo-link-type>
      </fm-topo-link-in-out>
    </fm-topo-link-details>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-in-out>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-link-details>
        <fm-topo-link-in-out>
          <fm-topo-link-type>
            fm-topo-link-type
          </fm-topo-link-type>
        </fm-topo-link-in-out>
      </fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>
```


Description

<fm-topo-link-in-out>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-details>
        <fm-topo-link-in-out>
          <fm-topo-link-type>
            fm-topo-link-type
          </fm-topo-link-type>
        </fm-topo-link-in-out>
      </fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-in-out>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-details>
          <fm-topo-link-in-out>
            <fm-topo-link-type>
              fm-topo-link-type
            </fm-topo-link-type>
          </fm-topo-link-in-out>
        </fm-topo-link-details>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-in-out>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-link-details>
            <fm-topo-link-in-out>
              <fm-topo-link-type>
                fm-topo-link-type
              </fm-topo-link-type>
            </fm-topo-link-in-out>
          </fm-topo-link-information>
        </fm-topo-link>
      </fm-topology>
    </multi-routing-engine-item>
  </multi-routing-engine-results>

```

```
    </fm-topo-link-in-out>
  </fm-topo-link-details>
</fm-topo-link-information>
</fm-topo-link>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-in-out>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link>
      <fm-topo-link-information-sgl>
        <fm-topo-link-details>
          <fm-topo-link-in-out>
            <fm-topo-link-type>
              fm-topo-link-type
            </fm-topo-link-type>
          </fm-topo-link-in-out>
        </fm-topo-link-details>
      </fm-topo-link-information-sgl>
    </fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-information>

Usage

```
<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information>
      <fm-topo-sib>
        fm-topo-sib
      </fm-topo-sib>
      <fm-topo-dbl-line>
        fm-topo-dbl-line
      </fm-topo-dbl-line>
      <fm-topo-link-fail>....</fm-topo-link-fail>
      <fm-topo-link-details>....</fm-topo-link-details>
    </fm-topo-link-information>
  </fm-topo-link>
</fm-topology>
```

Description

<fm-topo-link-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information>
          <fm-topo-sib>
            fm-topo-sib
          </fm-topo-sib>
          <fm-topo-dbl-line>
            fm-topo-dbl-line
          </fm-topo-dbl-line>
          <fm-topo-link-fail>....</fm-topo-link-fail>
          <fm-topo-link-details>....</fm-topo-link-details>
        </fm-topo-link-information>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-information-sgl>

Usage

```

<fm-topology>
  <fm-topo-link>
    <fm-topo-link-information-sgl>
      <fm-topo-link-fail-sgl>....</fm-topo-link-fail-sgl>
      <fm-topo-link-details>....</fm-topo-link-details>
    </fm-topo-link-information-sgl>
  </fm-topo-link>
</fm-topology>

```

Description

<fm-topo-link-information-sgl>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link>
        <fm-topo-link-information-sgl>
          <fm-topo-link-fail-sgl>....</fm-topo-link-fail-sgl>
          <fm-topo-link-details>....</fm-topo-link-details>
        </fm-topo-link-information-sgl>
      </fm-topo-link>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topo-link-src>

Usage

```
<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-src>
      <fm-topo-link-src-in>
        fm-topo-link-src-in
      </fm-topo-link-src-in>
      <fm-topo-link-src-out>
        fm-topo-link-src-out
      </fm-topo-link-src-out>
      <hsl2-state-src>
        hsl2-state-src
      </hsl2-state-src>
    </fm-topo-link-src>
  </fm-topo-link-src-des>
</fm-topology>
```

Description

<fm-topo-link-src>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-topology>
      <fm-topo-link-src-des>
        <fm-topo-link-src>
          <fm-topo-link-src-in>
            fm-topo-link-src-in
          </fm-topo-link-src-in>
          <fm-topo-link-src-out>
            fm-topo-link-src-out
          </fm-topo-link-src-out>
          <hsl2-state-src>
            hsl2-state-src
          </hsl2-state-src>
        </fm-topo-link-src>
      </fm-topo-link-src-des>
    </fm-topology>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fm-topo-link-src-des>

Usage

```
<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-msg>
      fm-topo-link-msg
    </fm-topo-link-msg>
  </fm-topo-link-src-des>
</fm-topology>
```

```

</fm-topo-link-msg>
<fm-topo-link-src>....</fm-topo-link-src>
<fm-topo-link-des>....</fm-topo-link-des>
</fm-topo-link-src-des>
</fm-topology>

```

Description

<fm-topo-link-src-des>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-topology>
  <fm-topo-link-src-des>
    <fm-topo-link-msg>
      fm-topo-link-msg
    </fm-topo-link-msg>
    <fm-topo-link-src>....</fm-topo-link-src>
    <fm-topo-link-des>....</fm-topo-link-des>
  </fm-topo-link-src-des>
</fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fm-topology>

Usage

```

<fm-topology>
  <fm-topo-link-src-des>....</fm-topo-link-src-des>
  <fm-topo-link>....</fm-topo-link>
</fm-topology>

```

Description

<fm-topology>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
  <fm-topology>
    <fm-topo-link-src-des>....</fm-topo-link-src-des>
    <fm-topo-link>....</fm-topo-link>
  </fm-topology>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fmp-plane>

Usage

```
<fm-plane-state-information>
  <fmp-plane>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
    <sib-name>
      sib-name
    </sib-name>
    <sib-f13-name>
      sib-f13-name
    </sib-f13-name>
    <sib-f2-name>
      sib-f2-name
    </sib-f2-name>
    <sibs-slot>
      sibs-slot
    </sibs-slot>
    <sibs2-slot>
      sibs2-slot
    </sibs2-slot>
    <plane-state>
      plane-state
    </plane-state>
    <even-odd>
      even-odd
    </even-odd>
    <sibl-slot>
      sibl-slot
    </sibl-slot>
    <lcc-slot>
      lcc-slot
    </lcc-slot>
    <f13-slot>
      f13-slot
    </f13-slot>
    <sibl-link-state>
      sibl-link-state
    </sibl-link-state>
    <sgasic-number>
      sgasic-number
    </sgasic-number>
    <sgasic-port-number>
      sgasic-port-number
```

```

</sgasic-port-number>
<sgasic-port-link-state>
  sgasic-port-link-state
</sgasic-port-link-state>
<lcc-sgasic-number>
  lcc-sgasic-number
</lcc-sgasic-number>
<lcc-sgasic-port-number>
  lcc-sgasic-port-number
</lcc-sgasic-port-number>
<lcc-sgasic-port-link-state>
  lcc-sgasic-port-link-state
</lcc-sgasic-port-link-state>
<f2-link-state>
  f2-link-state
</f2-link-state>
<lcc-pfe-slot>
  lcc-pfe-slot
</lcc-pfe-slot>
<lcc-fpc-slot>
  lcc-fpc-slot
</lcc-fpc-slot>
<lcc-pfe-link-state>
  lcc-pfe-link-state
</lcc-pfe-link-state>
<lcc-sib-link-state>
  lcc-sib-link-state
</lcc-sib-link-state>
<fru-name>
  fru-name
</fru-name>
<fru-slot>
  fru-slot
</fru-slot>
<pfe-slot>
  pfe-slot
</pfe-slot>
<pfe-link-status>
  pfe-link-status
</pfe-link-status>
</fmp-plane>
</fm-plane-state-information>

```

Description

<fms-fpc-ln>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>
    <fms-fpc-ln>
      <slot>
        slot
      </slot>
    <fms-pfe-ln>....</fms-pfe-ln>

```

```
</fms-fpc-ln>
</fms-sib-ln>
</fm-sib-state-information>
```

Description

<fms-fpc-ln>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-sib-state-information>
<fms-sib-ln>
<fms-fpc-ln>
<slot>
  slot
</slot>
<fms-pfe-ln>....</fms-pfe-ln>
</fms-fpc-ln>
</fms-sib-ln>
</fm-sib-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fms-lcc-ln>

Usage

```
<fm-sib-state-information>
<fms-sib-ln>
<fms-lcc-ln>
<lcc-slot>
  lcc-slot
</lcc-slot>
<fms-lcc-link-state>
  fms-lcc-link-state
</fms-lcc-link-state>
</fms-lcc-ln>
</fms-sib-ln>
</fm-sib-state-information>
```

Description

<fms-lcc-ln>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<fm-sib-state-information>
<fms-sib-ln>
<fms-lcc-ln>
<lcc-slot>
  lcc-slot
```



```

</lcc-slot>
<fms-lcc-link-state>
  fms-lcc-link-state
</fms-lcc-link-state>
</fms-lcc-ln>
</fms-sib-ln>
</fm-sib-state-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fms-pfe-ln>

Usage

```

<fm-sib-state-information>
  <fms-sib-ln>
    <fms-fpc-ln>
      <fms-pfe-ln>
        <pfe-slot>
          pfe-slot
        </pfe-slot>
        <fms-pfe-link-state>
          fms-pfe-link-state
        </fms-pfe-link-state>
      </fms-pfe-ln>
    </fms-fpc-ln>
  </fms-sib-ln>
</fm-sib-state-information>

```

Description

<fms-pfe-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <fms-fpc-ln>
          <fms-pfe-ln>
            <pfe-slot>
              pfe-slot
            </pfe-slot>
            <fms-pfe-link-state>
              fms-pfe-link-state
            </fms-pfe-link-state>
          </fms-pfe-ln>
        </fms-fpc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fms-scc-ln>

Usage

```
<fm-sib-state-information>
  <fms-sib-ln>
    <fms-scc-ln>
      <fms-scc-link-state>
        fms-scc-link-state
      </fms-scc-link-state>
    </fms-scc-ln>
  </fms-sib-ln>
</fm-sib-state-information>
```

Description

<fms-scc-ln>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <fms-scc-ln>
          <fms-scc-link-state>
            fms-scc-link-state
          </fms-scc-link-state>
        </fms-scc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fms-sib-ln>

Usage

```
<fm-sib-state-information>
  <fms-sib-ln>
    <sib-slot>
      sib-slot
    </sib-slot>
    <sib-fm-state>
      sib-fm-state
    </sib-fm-state>
    <fms-fpc-ln>....</fms-fpc-ln>
    <fms-lcc-ln>....</fms-lcc-ln>
    <fms-scc-ln>....</fms-scc-ln>
  </fms-sib-ln>
</fm-sib-state-information>
```

Description

<fms-sib-ln>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fm-sib-state-information>
      <fms-sib-ln>
        <sib-slot>
          sib-slot
        </sib-slot>
        <sib-fm-state>
          sib-fm-state
        </sib-fm-state>
        <fms-fpc-ln>....</fms-fpc-ln>
        <fms-lcc-ln>....</fms-lcc-ln>
        <fms-scc-ln>....</fms-scc-ln>
      </fms-sib-ln>
    </fm-sib-state-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fpc>

Usage

```

<fpc-information>
  <fpc>
    <slot>
      slot
    </slot>
    <logical-slot>
      logical-slot
    </logical-slot>
    <state>
      state
    </state>
    <description>
      description
    </description>
    <error-code>
      error-code
    </error-code>
    <temperature>
      temperature
    </temperature>
    <cpu-total>
      cpu-total
    </cpu-total>
    <cpu-interrupt>
      cpu-interrupt
    </cpu-interrupt>
    <cpu-less-info-str>

```

```

    cpu-less-info-str
  </cpu-less-info-str>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>
  <memory-sram-size>
    memory-sram-size
  </memory-sram-size>
  <memory-sdram-size>
    memory-sdram-size
  </memory-sdram-size>
  <memory-rldram-size>
    memory-rldram-size
  </memory-rldram-size>
  <memory-ddr-dram-size>
    memory-ddr-dram-size
  </memory-ddr-dram-size>
  <memory-notification-sdram-size>
    memory-notification-sdram-size
  </memory-notification-sdram-size>
  <memory-heap-utilization>
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-buffer-utilization>
    memory-buffer-utilization
  </memory-buffer-utilization>
  <asic-information>
    asic-information
  </asic-information>
  <start-time>
    start-time
  </start-time>
  <up-time>
    up-time
  </up-time>
  <comment>
    comment
  </comment>
  <pic>....</pic>
  <pic-detail>....</pic-detail>
  <max-power-consumption>
    max-power-consumption
  </max-power-consumption>
</fpc>
</fpc-information>

```

Description

<fpc>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
      <fpc>

```

```
<slot>
  slot
</slot>
<logical-slot>
  logical-slot
</logical-slot>
<state>
  state
</state>
<description>
  description
</description>
<error-code>
  error-code
</error-code>
<temperature>
  temperature
</temperature>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-less-info-str>
  cpu-less-info-str
</cpu-less-info-str>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-sdram-size>
  memory-sdram-size
</memory-sdram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-notification-sdram-size>
  memory-notification-sdram-size
</memory-notification-sdram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
```

```

</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<pic>....</pic>
<pic-detail>....</pic-detail>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
</fpc>
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<fpc>

Usage

```

<poe>
<fpc-information>
<fpc>
  <slot>
    slot
  </slot>
  <logical-slot>
    logical-slot
  </logical-slot>
  <state>
    state
  </state>
  <description>
    description
  </description>
  <error-code>
    error-code
  </error-code>
  <temperature>
    temperature
  </temperature>
  <cpu-total>
    cpu-total
  </cpu-total>
  <cpu-interrupt>
    cpu-interrupt
  </cpu-interrupt>
  <cpu-less-info-str>
    cpu-less-info-str
  </cpu-less-info-str>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>

```

```

<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-sdram-size>
  memory-sdram-size
</memory-sdram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-notification-sdram-size>
  memory-notification-sdram-size
</memory-notification-sdram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<pic>....</pic>
<pic-detail>....</pic-detail>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
</fpc>
</fpc-information>
</poe>

```

Description**<fpc-feb-connectivity>****Usage**

```

<fpc-feb-connectivity>
  <fpc-feb-connectivity-item>....</fpc-feb-connectivity-item>
</fpc-feb-connectivity>

```

Description Information about connectivity between FPCs and FEBs

<fpc-feb-connectivity-item>

Usage

```
<fpc-feb-connectivity>
  <fpc-feb-connectivity-item>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-type>
      fpc-type
    </fpc-type>
    <fpc-state>
      fpc-state
    </fpc-state>
    <feb-slot>
      feb-slot
    </feb-slot>
    <no-feb-slot>
      no-feb-slot
    </no-feb-slot>
    <feb-state>
      feb-state
    </feb-state>
    <fpc-link-status>
      fpc-link-status
    </fpc-link-status>
  </fpc-feb-connectivity-item>
</fpc-feb-connectivity>
```

Description FEB connectivity information for an FPC

<fpc-information>

Usage

```
<fpc-information>
  <fpc>....</fpc>
  <fpc-slot>
    fpc-slot
  </fpc-slot>
  <fpc-power-limit>
    fpc-power-limit
  </fpc-power-limit>
  <fpc-priority>
    fpc-priority
  </fpc-priority>
  <fpc-power>
    fpc-power
  </fpc-power>
  <fpc-status>
    fpc-status
  </fpc-status>
  <fpc-firmware-version>
    fpc-firmware-version
  </fpc-firmware-version>
```


</fpc-information>

Description

<fpc-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <fpc-information>
    <fpc>....</fpc>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-power-limit>
      fpc-power-limit
    </fpc-power-limit>
    <fpc-priority>
      fpc-priority
    </fpc-priority>
    <fpc-power>
      fpc-power
    </fpc-power>
    <fpc-status>
      fpc-status
    </fpc-status>
    <fpc-firmware-version>
      fpc-firmware-version
    </fpc-firmware-version>
  </fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<fpc-information>

Usage

```
<poe>
  <fpc-information>
    <fpc>....</fpc>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <fpc-power-limit>
      fpc-power-limit
    </fpc-power-limit>
    <fpc-priority>
      fpc-priority
    </fpc-priority>
    <fpc-power>
      fpc-power
    </fpc-power>
    <fpc-status>
```

```
fpc-status
</fpc-status>
<fpc-firmware-version>
  fpc-firmware-version
</fpc-firmware-version>
</fpc-information>
</poe>
```

Description**<fpc-mac-information>****Usage**

```
<chassis-mac-information>
  <fpc-mac-information>
    <slot>
      slot
    </slot>
    <mac-address>
      mac-address
    </mac-address>
    <count>
      count
    </count>
  </fpc-mac-information>
</chassis-mac-information>
```

Description MAC address block information

<fpga-registers>**Usage**

```
<environment-component-information>
  <environment-component-item>
    <fpga-registers>
      <fpga-registers-name>
        fpga-registers-name
      </fpga-registers-name>
      <fpga-registers-value>
        fpga-registers-value
      </fpga-registers-value>
    </fpga-registers>
  </environment-component-item>
</environment-component-information>
```

Description FPGA register values

<fpga-revision-detail>**Usage**

```
<environment-component-information>
  <environment-component-item>
```

```

    <fpga-revision-detail>
      <fpga-revision-name>
        fpga-revision-name
      </fpga-revision-name>
      <fpga-revision-value>
        fpga-revision-value
      </fpga-revision-value>
    </fpga-revision-detail>
  </environment-component-item>
</environment-component-information>

```

Description FPGA revision in detail

<front-panel>

Usage

```

<front-panel>
  <front-panel-title>....</front-panel-title>
  <display-panel>....</display-panel>
  <system-led>....</system-led>
  <interface-led>....</interface-led>
</front-panel>

```

Description Information from the LCD-LED interfaces

<front-panel>

Usage

```

<get-craft-information>
  <front-panel>
    <front-panel-title>....</front-panel-title>
    <display-panel>....</display-panel>
    <system-led>....</system-led>
    <interface-led>....</interface-led>
  </front-panel>
</get-craft-information>

```

Description Information from the LCD-LED interfaces

<front-panel-title>

Usage

```

<front-panel>
  <front-panel-title>
    <name>
      name
    </name>
  </front-panel-title>
</front-panel>

```

Description

<front-panel-title>

Usage

```
<get-craft-information>
  <front-panel>
    <front-panel-title>
      <name>
        name
      </name>
    </front-panel-title>
  </front-panel>
</get-craft-information>
```

Description

<fru>

Usage

```
<fru-information>
  <fru>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </fru>
</fru-information>
```

Description

<fru-information>

Usage

```
<fru-information>
  <fru>....</fru>
</fru-information>
```

Description

<fru-power-on-sequence>

Usage

```
<fru-power-on-sequence>
  <sequence>
    sequence
  </sequence>
</fru-power-on-sequence>
```

```

    </sequence>
</fru-power-on-sequence>

```

Description Chassis FRU Power On Sequence

<get-craft-information>

Usage

```

<get-craft-information>
  <front-panel>....</front-panel>
</get-craft-information>

```

Description Information from the LCD interface and, if applicable, theof the status LEDs on the front panels of other components installedin the chassis

<hchasd>

Usage

```

<hchasd-information>
  <hchasd>
    <slot>
      slot
    </slot>
    <item>
      item
    </item>
    <state>
      state
    </state>
    <desc>
      desc
    </desc>
    <count>
      count
    </count>
    <model>
      model
    </model>
    <item1>
      item1
    </item1>
    <desc1>
      desc1
    </desc1>
    <count1>
      count1
    </count1>
    <model1>
      model1
    </model1>
    <cpu-interrupt>
      cpu-interrupt
    </cpu-interrupt>
  </hchasd>
</hchasd-information>

```

```
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-active>
  memory-active
</memory-active>
<memory-inactive>
  memory-inactive
</memory-inactive>
<memory-wired>
  memory-wired
</memory-wired>
<memory-cache>
  memory-cache
</memory-cache>
<memory-buffer>
  memory-buffer
</memory-buffer>
<memory-free>
  memory-free
</memory-free>
<cpu-user>
  cpu-user
</cpu-user>
<cpu-real-time>
  cpu-real-time
</cpu-real-time>
<cpu-background>
  cpu-background
</cpu-background>
<cpu-system>
  cpu-system
</cpu-system>
<cpu-idle>
  cpu-idle
</cpu-idle>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<serial-number>
  serial-number
</serial-number>
<model-number>
  model-number
</model-number>
<temperature1>
  temperature1
</temperature1>
<temperature2>
  temperature2
```

```

</temperature2>
<temperature3>
  temperature3
</temperature3>
<temperature4>
  temperature4
</temperature4>
<temperature5>
  temperature5
</temperature5>
<temperature6>
  temperature6
</temperature6>
<fanspeed1>
  fanspeed1
</fanspeed1>
<fanspeed2>
  fanspeed2
</fanspeed2>
<fanspeed3>
  fanspeed3
</fanspeed3>
<load-average-one>
  load-average-one
</load-average-one>
<load-average-five>
  load-average-five
</load-average-five>
<load-average-fifteen>
  load-average-fifteen
</load-average-fifteen>
<version>
  version
</version>
<version1>
  version1
</version1>
</hchasd>
</hchasd-information>

```

Description**<hchasd-information>****Usage**

```

<hchasd-information>
  <hchasd>....</hchasd>
</hchasd-information>

```

Description

<i2c-information>

Usage

```
<i2c-information>
  <jedec-code>
    jedec-code
  </jedec-code>
  <eeprom-version>
    eeprom-version
  </eeprom-version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <assembly-identifier>
    assembly-identifier
  </assembly-identifier>
  <assembly-version>
    assembly-version
  </assembly-version>
  <manufacture-date>
    manufacture-date
  </manufacture-date>
  <assembly-flags>
    assembly-flags
  </assembly-flags>
  <i2c-version>
    i2c-version
  </i2c-version>
  <i2c-identifier>
    i2c-identifier
  </i2c-identifier>
  <i2c-data>
    i2c-data
  </i2c-data>
  <board-information-record>
    board-information-record
  </board-information-record>
</i2c-information>
```

Description

<i2c-information>

Usage

```
<chassis-inventory>
  <chassis>
```



```

<i2c-information>
  <jedec-code>
    jedec-code
  </jedec-code>
  <eeprom-version>
    eeprom-version
  </eeprom-version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <assembly-identifier>
    assembly-identifier
  </assembly-identifier>
  <assembly-version>
    assembly-version
  </assembly-version>
  <manufacture-date>
    manufacture-date
  </manufacture-date>
  <assembly-flags>
    assembly-flags
  </assembly-flags>
  <i2c-version>
    i2c-version
  </i2c-version>
  <i2c-identifier>
    i2c-identifier
  </i2c-identifier>
  <i2c-data>
    i2c-data
  </i2c-data>
  <board-information-record>
    board-information-record
  </board-information-record>
</i2c-information>
</chassis>
</chassis-inventory>

```

Description

<i2c-information>

Usage

```

<chassis-inventory>
  <chassis>
    <chassis-module>

```

```

<i2c-information>
  <jedec-code>
    jedec-code
  </jedec-code>
  <eeprom-version>
    eeprom-version
  </eeprom-version>
  <part-number>
    part-number
  </part-number>
  <serial-number>
    serial-number
  </serial-number>
  <model-number>
    model-number
  </model-number>
  <clei-code>
    clei-code
  </clei-code>
  <assembly-identifier>
    assembly-identifier
  </assembly-identifier>
  <assembly-version>
    assembly-version
  </assembly-version>
  <manufacture-date>
    manufacture-date
  </manufacture-date>
  <assembly-flags>
    assembly-flags
  </assembly-flags>
  <i2c-version>
    i2c-version
  </i2c-version>
  <i2c-identifier>
    i2c-identifier
  </i2c-identifier>
  <i2c-data>
    i2c-data
  </i2c-data>
  <board-information-record>
    board-information-record
  </board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</chassis-inventory>

```

Description

<i2c-information>

Usage

```

<chassis-inventory>
  <chassis>

```

```
<chassis-module>
  <chassis-sub-module>
    <i2c-information>
      <jedec-code>
        jedec-code
      </jedec-code>
      <eeprom-version>
        eeprom-version
      </eeprom-version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <assembly-identifier>
        assembly-identifier
      </assembly-identifier>
      <assembly-version>
        assembly-version
      </assembly-version>
      <manufacture-date>
        manufacture-date
      </manufacture-date>
      <assembly-flags>
        assembly-flags
      </assembly-flags>
      <i2c-version>
        i2c-version
      </i2c-version>
      <i2c-identifier>
        i2c-identifier
      </i2c-identifier>
      <i2c-data>
        i2c-data
      </i2c-data>
      <board-information-record>
        board-information-record
      </board-information-record>
    </i2c-information>
  </chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
```

Description

<i2c-information>

Usage

```
<firmware-information>
<chassis>
  <i2c-information>
    <jedec-code>
      jedec-code
    </jedec-code>
    <eeprom-version>
      eeprom-version
    </eeprom-version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <assembly-identifier>
      assembly-identifier
    </assembly-identifier>
    <assembly-version>
      assembly-version
    </assembly-version>
    <manufacture-date>
      manufacture-date
    </manufacture-date>
    <assembly-flags>
      assembly-flags
    </assembly-flags>
    <i2c-version>
      i2c-version
    </i2c-version>
    <i2c-identifier>
      i2c-identifier
    </i2c-identifier>
    <i2c-data>
      i2c-data
    </i2c-data>
    <board-information-record>
      board-information-record
    </board-information-record>
  </i2c-information>
</chassis>
</firmware-information>
```

Description

<i2c-information>

Usage

```

<firmware-information>
<chassis>
  <chassis-module>
    <i2c-information>
      <jedec-code>
        jedec-code
      </jedec-code>
      <eeprom-version>
        eeprom-version
      </eeprom-version>
      <part-number>
        part-number
      </part-number>
      <serial-number>
        serial-number
      </serial-number>
      <model-number>
        model-number
      </model-number>
      <clei-code>
        clei-code
      </clei-code>
      <assembly-identifier>
        assembly-identifier
      </assembly-identifier>
      <assembly-version>
        assembly-version
      </assembly-version>
      <manufacture-date>
        manufacture-date
      </manufacture-date>
      <assembly-flags>
        assembly-flags
      </assembly-flags>
      <i2c-version>
        i2c-version
      </i2c-version>
      <i2c-identifier>
        i2c-identifier
      </i2c-identifier>
      <i2c-data>
        i2c-data
      </i2c-data>
      <board-information-record>
        board-information-record
      </board-information-record>
    </i2c-information>
  </chassis-module>
</chassis>
</firmware-information>

```

Description**<i2c-information>****Usage**

```
<firmware-information>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <i2c-information>
        <jedec-code>
          jedec-code
        </jedec-code>
        <eeprom-version>
          eeprom-version
        </eeprom-version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <assembly-identifier>
          assembly-identifier
        </assembly-identifier>
        <assembly-version>
          assembly-version
        </assembly-version>
        <manufacture-date>
          manufacture-date
        </manufacture-date>
        <assembly-flags>
          assembly-flags
        </assembly-flags>
        <i2c-version>
          i2c-version
        </i2c-version>
        <i2c-identifier>
          i2c-identifier
        </i2c-identifier>
        <i2c-data>
          i2c-data
        </i2c-data>
        <board-information-record>
          board-information-record
        </board-information-record>
      </i2c-information>
    </chassis-sub-module>
  </chassis-module>
</chassis>
```

```
</firmware-information>
```

Description

```
<i2c-information>
```

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <chassis-inventory>
    <chassis>
      <i2c-information>
        <jedec-code>
          jedec-code
        </jedec-code>
        <eeprom-version>
          eeprom-version
        </eeprom-version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <assembly-identifier>
          assembly-identifier
        </assembly-identifier>
        <assembly-version>
          assembly-version
        </assembly-version>
        <manufacture-date>
          manufacture-date
        </manufacture-date>
        <assembly-flags>
          assembly-flags
        </assembly-flags>
        <i2c-version>
          i2c-version
        </i2c-version>
        <i2c-identifier>
          i2c-identifier
        </i2c-identifier>
        <i2c-data>
          i2c-data
        </i2c-data>
        <board-information-record>
          board-information-record
        </board-information-record>
      </i2c-information>
```

```
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
<chassis-module>
<i2c-information>
<jedec-code>
jedec-code
</jedec-code>
<eeprom-version>
eeprom-version
</eeprom-version>
<part-number>
part-number
</part-number>
<serial-number>
serial-number
</serial-number>
<model-number>
model-number
</model-number>
<clei-code>
clei-code
</clei-code>
<assembly-identifier>
assembly-identifier
</assembly-identifier>
<assembly-version>
assembly-version
</assembly-version>
<manufacture-date>
manufacture-date
</manufacture-date>
<assembly-flags>
assembly-flags
</assembly-flags>
<i2c-version>
i2c-version
</i2c-version>
<i2c-identifier>
i2c-identifier
</i2c-identifier>
<i2c-data>
i2c-data
</i2c-data>
```



```

    <board-information-record>
      board-information-record
    </board-information-record>
  </i2c-information>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<i2c-information>

Usage

```

<multi-routing-engine-results>
<multi-routing-engine-item>
<chassis-inventory>
<chassis>
  <chassis-module>
    <chassis-sub-module>
      <i2c-information>
        <jedec-code>
          jedec-code
        </jedec-code>
        <eeprom-version>
          eeprom-version
        </eeprom-version>
        <part-number>
          part-number
        </part-number>
        <serial-number>
          serial-number
        </serial-number>
        <model-number>
          model-number
        </model-number>
        <clei-code>
          clei-code
        </clei-code>
        <assembly-identifier>
          assembly-identifier
        </assembly-identifier>
        <assembly-version>
          assembly-version
        </assembly-version>
        <manufacture-date>
          manufacture-date
        </manufacture-date>
        <assembly-flags>
          assembly-flags
        </assembly-flags>
        <i2c-version>
          i2c-version
        </i2c-version>
      </i2c-information>
    </chassis-sub-module>
  </chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</chassis-inventory>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
<firmware-information>
<chassis>
  <i2c-information>
    <jedec-code>
      jedec-code
    </jedec-code>
    <eeprom-version>
      eeprom-version
    </eeprom-version>
    <part-number>
      part-number
    </part-number>
    <serial-number>
      serial-number
    </serial-number>
    <model-number>
      model-number
    </model-number>
    <clei-code>
      clei-code
    </clei-code>
    <assembly-identifier>
      assembly-identifier
    </assembly-identifier>
    <assembly-version>
      assembly-version
    </assembly-version>
    <manufacture-date>
      manufacture-date
    </manufacture-date>
    <assembly-flags>
```

```

    assembly-flags
  </assembly-flags>
  <i2c-version>
    i2c-version
  </i2c-version>
  <i2c-identifier>
    i2c-identifier
  </i2c-identifier>
  <i2c-data>
    i2c-data
  </i2c-data>
  <board-information-record>
    board-information-record
  </board-information-record>
</i2c-information>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<i2c-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <firmware-information>
      <chassis>
        <chassis-module>
          <i2c-information>
            <jedec-code>
              jedec-code
            </jedec-code>
            <eeprom-version>
              eeprom-version
            </eeprom-version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
            <assembly-identifier>
              assembly-identifier
            </assembly-identifier>
            <assembly-version>
              assembly-version
            </assembly-version>
          </i2c-information>
        </chassis-module>
      </chassis>
    </firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<i2c-information>

Usage

```
<multi-routing-engine-results>
<multi-routing-engine-item>
  <firmware-information>
    <chassis>
      <chassis-module>
        <chassis-sub-module>
          <i2c-information>
            <jedec-code>
              jedec-code
            </jedec-code>
            <eeprom-version>
              eeprom-version
            </eeprom-version>
            <part-number>
              part-number
            </part-number>
            <serial-number>
              serial-number
            </serial-number>
            <model-number>
              model-number
            </model-number>
            <clei-code>
              clei-code
            </clei-code>
```

```

<assembly-identifier>
  assembly-identifier
</assembly-identifier>
<assembly-version>
  assembly-version
</assembly-version>
<manufacture-date>
  manufacture-date
</manufacture-date>
<assembly-flags>
  assembly-flags
</assembly-flags>
<i2c-version>
  i2c-version
</i2c-version>
<i2c-identifier>
  i2c-identifier
</i2c-identifier>
<i2c-data>
  i2c-data
</i2c-data>
<board-information-record>
  board-information-record
</board-information-record>
</i2c-information>
</chassis-sub-module>
</chassis-module>
</chassis>
</firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<in-service-upgrade-fru-status>

Usage

```

<in-service-upgrade-status>
  <in-service-upgrade-fru-status>
    <fru-name>
      fru-name
    </fru-name>
    <fru-status>
      fru-status
    </fru-status>
    <fru-reason>
      fru-reason
    </fru-reason>
    <in-service-upgrade-pic-status>....</in-service-upgrade-pic-status>
  </in-service-upgrade-fru-status>
</in-service-upgrade-status>

```

Description In-Service Software Upgrade status for chassis

<in-service-upgrade-pic-status>

Usage

```
<in-service-upgrade-status>
  <in-service-upgrade-fru-status>
    <in-service-upgrade-pic-status>
      <fru-name>
        fru-name
      </fru-name>
      <fru-status>
        fru-status
      </fru-status>
      <fru-reason>
        fru-reason
      </fru-reason>
    </in-service-upgrade-pic-status>
  </in-service-upgrade-fru-status>
</in-service-upgrade-status>
```

Description

<in-service-upgrade-status>

Usage

```
<in-service-upgrade-status>
  <in-service-upgrade-fru-status>....</in-service-upgrade-fru-status>
</in-service-upgrade-status>
```

Description

<initial-setup-status-information>

Usage

```
<initial-setup-status-information>
  <initial-setup-state>
    initial-setup-state
  </initial-setup-state>
</initial-setup-status-information>
```

Description Initial setup status

<input-voltage>

Usage

```
<environment-component-information>
  <environment-component-item>
    <input-voltage>
      <voltage-name>
        voltage-name
      </voltage-name>
      <voltage-value>
        voltage-value
    </input-voltage>
  </environment-component-item>
</environment-component-information>
```

```

    </voltage-value>
  </input-voltage>
</environment-component-item>
</environment-component-information>

```

Description

<interface-information>

Usage

```

<tdr>
  <interface-information>
    <tdr-interface-name>
      tdr-interface-name
    </tdr-interface-name>
    <interface-test-status>
      interface-test-status
    </interface-test-status>
    <interface-link-status>
      interface-link-status
    </interface-link-status>
    <interface-cable-status>
      interface-cable-status
    </interface-cable-status>
    <interface-distance-fault>
      interface-distance-fault
    </interface-distance-fault>
    <interface-name>
      interface-name
    </interface-name>
    <interface-enabled>
      interface-enabled
    </interface-enabled>
    <interface-status>
      interface-status
    </interface-status>
    <interface-power-limit>
      interface-power-limit
    </interface-power-limit>
    <interface-priority>
      interface-priority
    </interface-priority>
    <interface-power>
      interface-power
    </interface-power>
    <interface-asterisk>
      interface-asterisk
    </interface-asterisk>
    <interface-class>
      interface-class
    </interface-class>
  </interface-information>
</tdr>

```

Description**<interface-information>****Usage**

```
<poe>
  <interface-information>
    <tdr-interface-name>
      tdr-interface-name
    </tdr-interface-name>
    <interface-test-status>
      interface-test-status
    </interface-test-status>
    <interface-link-status>
      interface-link-status
    </interface-link-status>
    <interface-cable-status>
      interface-cable-status
    </interface-cable-status>
    <interface-distance-fault>
      interface-distance-fault
    </interface-distance-fault>
    <interface-name>
      interface-name
    </interface-name>
    <interface-enabled>
      interface-enabled
    </interface-enabled>
    <interface-status>
      interface-status
    </interface-status>
    <interface-power-limit>
      interface-power-limit
    </interface-power-limit>
    <interface-priority>
      interface-priority
    </interface-priority>
    <interface-power>
      interface-power
    </interface-power>
    <interface-asterisk>
      interface-asterisk
    </interface-asterisk>
    <interface-class>
      interface-class
    </interface-class>
  </interface-information>
</poe>
```

Description**<interface-information-detail>****Usage**

```
<tdr>
```



```
<interface-information-detail>
  <tdr-interface-name>
    tdr-interface-name
  </tdr-interface-name>
  <interface-test-status>
    interface-test-status
  </interface-test-status>
  <interface-link-status>
    interface-link-status
  </interface-link-status>
  <interface-pair-detail>
    interface-pair-detail
  </interface-pair-detail>
  <interface-cable-status>
    interface-cable-status
  </interface-cable-status>
  <interface-distance-fault>
    interface-distance-fault
  </interface-distance-fault>
  <interface-polarity-swap-detail>
    interface-polarity-swap-detail
  </interface-polarity-swap-detail>
  <interface-skew-time-detail>
    interface-skew-time-detail
  </interface-skew-time-detail>
  <interface-channel-pair-detail>
    interface-channel-pair-detail
  </interface-channel-pair-detail>
  <interface-pair-swap-detail>
    interface-pair-swap-detail
  </interface-pair-swap-detail>
  <interface-downshift-detail>
    interface-downshift-detail
  </interface-downshift-detail>
  <interface-name-detail>
    interface-name-detail
  </interface-name-detail>
  <interface-enabled-detail>
    interface-enabled-detail
  </interface-enabled-detail>
  <interface-status-detail>
    interface-status-detail
  </interface-status-detail>
  <interface-power-limit-detail>
    interface-power-limit-detail
  </interface-power-limit-detail>
  <interface-priority-detail>
    interface-priority-detail
  </interface-priority-detail>
  <interface-power-detail>
    interface-power-detail
  </interface-power-detail>
  <interface-detail-asterisk>
    interface-detail-asterisk
  </interface-detail-asterisk>
  <interface-class-detail>
```

```
        interface-class-detail
      </interface-class-detail>
    </interface-information-detail>
  </tdr>
```

Description

<interface-information-detail>

Usage

```
<poe>
  <interface-information-detail>
    <tdr-interface-name>
      tdr-interface-name
    </tdr-interface-name>
    <interface-test-status>
      interface-test-status
    </interface-test-status>
    <interface-link-status>
      interface-link-status
    </interface-link-status>
    <interface-pair-detail>
      interface-pair-detail
    </interface-pair-detail>
    <interface-cable-status>
      interface-cable-status
    </interface-cable-status>
    <interface-distance-fault>
      interface-distance-fault
    </interface-distance-fault>
    <interface-polarity-swap-detail>
      interface-polarity-swap-detail
    </interface-polarity-swap-detail>
    <interface-skew-time-detail>
      interface-skew-time-detail
    </interface-skew-time-detail>
    <interface-channel-pair-detail>
      interface-channel-pair-detail
    </interface-channel-pair-detail>
    <interface-pair-swap-detail>
      interface-pair-swap-detail
    </interface-pair-swap-detail>
    <interface-downshift-detail>
      interface-downshift-detail
    </interface-downshift-detail>
    <interface-name-detail>
      interface-name-detail
    </interface-name-detail>
    <interface-enabled-detail>
      interface-enabled-detail
    </interface-enabled-detail>
    <interface-status-detail>
      interface-status-detail
    </interface-status-detail>
    <interface-power-limit-detail>
```

```

        interface-power-limit-detail
      </interface-power-limit-detail>
      <interface-priority-detail>
        interface-priority-detail
      </interface-priority-detail>
      <interface-power-detail>
        interface-power-detail
      </interface-power-detail>
      <interface-detail-asterisk>
        interface-detail-asterisk
      </interface-detail-asterisk>
      <interface-class-detail>
        interface-class-detail
      </interface-class-detail>
    </interface-information-detail>
  </poe>

```

Description**<interface-led>****Usage**

```

<front-panel>
  <interface-led>
    <interface-display-title>
      interface-display-title
    </interface-display-title>
    <interface-led-display>....</interface-led-display>
  </interface-led>
</front-panel>

```

Description State of the Interface LEDs on the front panel**<interface-led>****Usage**

```

<get-craft-information>
  <front-panel>
    <interface-led>
      <interface-display-title>
        interface-display-title
      </interface-display-title>
      <interface-led-display>....</interface-led-display>
    </interface-led>
  </front-panel>
</get-craft-information>

```

Description State of the Interface LEDs on the front panel

<interface-led-display>

Usage

```
<front-panel>
  <interface-led>
    <interface-led-display>
      <interface-name>
        interface-name
      </interface-name>
      <led-status>
        led-status
      </led-status>
    </interface-led-display>
  </interface-led>
</front-panel>
```

Description

<interface-led-display>

Usage

```
<get-craft-information>
  <front-panel>
    <interface-led>
      <interface-led-display>
        <interface-name>
          interface-name
        </interface-name>
        <led-status>
          led-status
        </led-status>
      </interface-led-display>
    </interface-led>
  </front-panel>
</get-craft-information>
```

Description

<ioc-npc-connectivity>

Usage

```
<ioc-npc-connectivity>
  <ioc-npc-connectivity-item>....</ioc-npc-connectivity-item>
</ioc-npc-connectivity>
```

Description Information about connectivity between IOCs and NPCs

<ioc-npc-connectivity-item>

Usage

```
<ioc-npc-connectivity>
  <ioc-npc-connectivity-item>
```

```

<ioc-slot>
  ioc-slot
</ioc-slot>
<ioc-type>
  ioc-type
</ioc-type>
<ioc-state>
  ioc-state
</ioc-state>
<npc-slot>
  npc-slot
</npc-slot>
<no-npc-slot>
  no-npc-slot
</no-npc-slot>
<npc-state>
  npc-state
</npc-state>
<fpc-link-status>
  fpc-link-status
</fpc-link-status>
</ioc-npc-connectivity-item>
</ioc-npc-connectivity>

```

Description NPC connectivity information for an IOC

<lcc>

Usage

```

<lcc-information>
  <lcc>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </lcc>
</lcc-information>

```

Description

<lcc-information>

Usage

```

<lcc-information>
  <lcc>....</lcc>

```

</lcc-information>

Description

<marked-as-failed-source>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <marked-as-failed-source-list>
      <marked-as-failed-source>
        <source-name>
          source-name
        </source-name>
      </marked-as-failed-source>
    </marked-as-failed-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<marked-as-failed-source-list>

Usage

```
<clock-synchronization-information>
  <clock-synchronization>
    <marked-as-failed-source-list>
      <marked-as-failed-source>....</marked-as-failed-source>
    </marked-as-failed-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description

<multi-routing-engine-item>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <re-name>
      re-name
    </re-name>
    <chassis-location-information>....</chassis-location-information>
    <chassisd-database-memory-usage>....</chassisd-database-memory-usage>
    <chassis-inventory>....</chassis-inventory>
    <environment-information>....</environment-information>
    <fpc-information>....</fpc-information>
    <fm-topology>....</fm-topology>
    <spmb-information>....</spmb-information>
    <sib-information>....</sib-information>
    <fm-fpc-state-information>....</fm-fpc-state-information>
    <fm-sib-state-information>....</fm-sib-state-information>
    <fpc-sib-hsl-diag-information>....</fpc-sib-hsl-diag-information>
    <scb-information>....</scb-information>
```

```

<route-engine-information>....</route-engine-information>
<firmware-information>....</firmware-information>
<system-firmware-information>....</system-firmware-information>

<system-firmware-compatibility-information>....</system-firmware-compatibility-information>

    <power-budget-information>....</power-budget-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<multi-routing-engine-results>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>....</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<network-services>

Usage

```

<network-services>
  <network-services-information>....</network-services-information>
</network-services>

```

Description

<network-services-information>

Usage

```

<network-services>
  <network-services-information>
    <name>
      name
    </name>
  </network-services-information>
</network-services>

```

Description

<notification-information>

Usage

```

<poe>
  <notification-information>
    <fpc-number>
      fpc-number
    </fpc-number>
    <notification-status>
      notification-status

```

```
</notification-status>
</notification-information>
</poe>
```

Description**<output-detail>****Usage**

```
<environment-component-information>
  <environment-component-item>
    <output-detail>
      <output-voltage>
        output-voltage
      </output-voltage>
      <output-current>
        output-current
      </output-current>
    </output-detail>
  </environment-component-item>
</environment-component-information>
```

Description Detailed power output information

<pcg-frequency>**Usage**

```
<environment-component-information>
  <environment-component-item>
    <pcg-frequency>
      <pcg-frequency-setting>
        pcg-frequency-setting
      </pcg-frequency-setting>
      <pcg-frequency-measurement>
        pcg-frequency-measurement
      </pcg-frequency-measurement>
    </pcg-frequency>
  </environment-component-item>
</environment-component-information>
```

Description PCG Frequency

<pem-capacity-detail>**Usage**

```
<power-usage-information>
  <power-usage-item>
    <pem-capacity-detail>
      <capacity-actual>
        capacity-actual
      </capacity-actual>
      <capacity-max>
```



```

        capacity-max
      </capacity-max>
    </pem-capacity-detail>
  </power-usage-item>
</power-usage-information>

```

Description

<pic>

Usage

```

<fpc-information>
  <fpc>
    <pic>
      <pic-slot>
        pic-slot
      </pic-slot>
      <pic-type>
        pic-type
      </pic-type>
      <pic-state>
        pic-state
      </pic-state>
      <comment>
        comment
      </comment>
    </pic>
  </fpc>
</fpc-information>

```

Description

<pic>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
      <fpc>
        <pic>
          <pic-slot>
            pic-slot
          </pic-slot>
          <pic-type>
            pic-type
          </pic-type>
          <pic-state>
            pic-state
          </pic-state>
          <comment>
            comment
          </comment>
        </pic>
      </fpc>
    </fpc-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<pic>

Usage

```
<poe>
  <fpc-information>
    <fpc>
      <pic>
        <pic-slot>
          pic-slot
        </pic-slot>
        <pic-type>
          pic-type
        </pic-type>
        <pic-state>
          pic-state
        </pic-state>
        <comment>
          comment
        </comment>
      </pic>
    </fpc>
  </fpc-information>
</poe>
```

Description

<pic-detail>

Usage

```
<fpc-information>
  <fpc>
    <pic-detail>
      <slot>
        slot
      </slot>
      <pic-slot>
        pic-slot
      </pic-slot>
      <pic-type>
        pic-type
      </pic-type>
      <asic-type>
        asic-type
      </asic-type>
      <comment>
        comment
      </comment>
      <pic-version>
```

```

    pic-version
  </pic-version>
  <state>
    state
  </state>
  <cpu-total>
    cpu-total
  </cpu-total>
  <cpu-interrupt>
    cpu-interrupt
  </cpu-interrupt>
  <memory-buffer-utilization>
    memory-buffer-utilization
  </memory-buffer-utilization>
  <memory-heap-utilization>
    memory-heap-utilization
  </memory-heap-utilization>
  <memory-dram-size>
    memory-dram-size
  </memory-dram-size>
  <cpu-sw-version>
    cpu-sw-version
  </cpu-sw-version>
  <cpu-rom-version>
    cpu-rom-version
  </cpu-rom-version>
  <up-time>
    up-time
  </up-time>
  <pic-package>
    pic-package
  </pic-package>
  <pic-clock-sync>
    pic-clock-sync
  </pic-clock-sync>
  <configured-mode>
    configured-mode
  </configured-mode>
  <port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>

```

Description

<pic-detail>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
      <fpc>
        <pic-detail>
          <slot>
            slot

```

```
</slot>
<pic-slot>
  pic-slot
</pic-slot>
<pic-type>
  pic-type
</pic-type>
<asic-type>
  asic-type
</asic-type>
<comment>
  comment
</comment>
<pic-version>
  pic-version
</pic-version>
<state>
  state
</state>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<cpu-sw-version>
  cpu-sw-version
</cpu-sw-version>
<cpu-rom-version>
  cpu-rom-version
</cpu-rom-version>
<up-time>
  up-time
</up-time>
<pic-package>
  pic-package
</pic-package>
<pic-clock-sync>
  pic-clock-sync
</pic-clock-sync>
<configured-mode>
  configured-mode
</configured-mode>
<port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>
```

```

</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<pic-detail>

Usage

```

<poe>
  <fpc-information>
    <fpc>
      <pic-detail>
        <slot>
          slot
        </slot>
        <pic-slot>
          pic-slot
        </pic-slot>
        <pic-type>
          pic-type
        </pic-type>
        <asic-type>
          asic-type
        </asic-type>
        <comment>
          comment
        </comment>
        <pic-version>
          pic-version
        </pic-version>
        <state>
          state
        </state>
        <cpu-total>
          cpu-total
        </cpu-total>
        <cpu-interrupt>
          cpu-interrupt
        </cpu-interrupt>
        <memory-buffer-utilization>
          memory-buffer-utilization
        </memory-buffer-utilization>
        <memory-heap-utilization>
          memory-heap-utilization
        </memory-heap-utilization>
        <memory-dram-size>
          memory-dram-size
        </memory-dram-size>
        <cpu-sw-version>
          cpu-sw-version
        </cpu-sw-version>
        <cpu-rom-version>
          cpu-rom-version
        </cpu-rom-version>
        <up-time>

```

```
    up-time
  </up-time>
  <pic-package>
    pic-package
  </pic-package>
  <pic-clock-sync>
    pic-clock-sync
  </pic-clock-sync>
  <configured-mode>
    configured-mode
  </configured-mode>
  <port-information>....</port-information>
</pic-detail>
</fpc>
</fpc-information>
</poe>
```

Description

<poe>

Usage

```
<poe>
  <interface-information>....</interface-information>
  <interface-information-detail>....</interface-information-detail>
  <notification-information>....</notification-information>
  <controller-information>....</controller-information>
  <poe-error>....</poe-error>
  <telemetries-information>....</telemetries-information>
  <fpc-information>....</fpc-information>
</poe>
```

Description

<poe-error>

Usage

```
<poe>
  <poe-error>
    <max-power-exceeded-interface>
      max-power-exceeded-interface
    </max-power-exceeded-interface>
    <max-power-exceeded-controller>
      max-power-exceeded-controller
    </max-power-exceeded-controller>
    <poe-software-upgrade-controller>
      poe-software-upgrade-controller
    </poe-software-upgrade-controller>
    <poe-software-upgrade-reboot>
      poe-software-upgrade-reboot
    </poe-software-upgrade-reboot>
  </poe-error>
</poe>
```

| | |
|-------------|--|
| Description | |
| <port> | |
| Usage | <pre> <fpc-information> <fpc> <pic-detail> <port-information> <port> <port-number> <i>port-number</i> </port-number> <cabl-e-type> <i>cabl-e-type</i> </cabl-e-type> <fiber-mode> <i>fiber-mode</i> </fiber-mode> <sfp-vendor-name> <i>sfp-vendor-name</i> </sfp-vendor-name> <sfp-vendor-pno> <i>sfp-vendor-pno</i> </sfp-vendor-pno> <wavelength> <i>wavelength</i> </wavelength> </port> </port-information> </pic-detail> </fpc> </fpc-information> </pre> |
| Description | |
| <port> | |
| Usage | <pre> <multi-routing-engine-results> <multi-routing-engine-item> <fpc-information> <fpc> <pic-detail> <port-information> <port> <port-number> <i>port-number</i> </port-number> <cabl-e-type> <i>cabl-e-type</i> </cabl-e-type> <fiber-mode> <i>fiber-mode</i> </fiber-mode> </port> </port-information> </pic-detail> </fpc> </fpc-information> </multi-routing-engine-item> </multi-routing-engine-results> </pre> |

```
<sfp-vendor-name>
  sfp-vendor-name
</sfp-vendor-name>
<sfp-vendor-pno>
  sfp-vendor-pno
</sfp-vendor-pno>
<wavelength>
  wavelength
</wavelength>
</port>
</port-information>
</pic-detail>
</fpc>
</fpc-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<port>

Usage

```
<poe>
<fpc-information>
<fpc>
<pic-detail>
<port-information>
<port>
<port-number>
  port-number
</port-number>
<cabl-e-type>
  cabl-e-type
</cabl-e-type>
<fiber-mode>
  fiber-mode
</fiber-mode>
<sfp-vendor-name>
  sfp-vendor-name
</sfp-vendor-name>
<sfp-vendor-pno>
  sfp-vendor-pno
</sfp-vendor-pno>
<wavelength>
  wavelength
</wavelength>
</port>
</port-information>
</pic-detail>
</fpc>
</fpc-information>
</poe>
```

Description

<port-information>**Usage**

```

<fpc-information>
  <fpc>
    <pic-detail>
      <port-information>
        <port>....</port>
      </port-information>
    </pic-detail>
  </fpc>
</fpc-information>

```

Description**<port-information>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <fpc-information>
      <fpc>
        <pic-detail>
          <port-information>
            <port>....</port>
          </port-information>
        </pic-detail>
      </fpc>
    </fpc-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<port-information>****Usage**

```

<poe>
  <fpc-information>
    <fpc>
      <pic-detail>
        <port-information>
          <port>....</port>
        </port-information>
      </pic-detail>
    </fpc>
  </fpc-information>
</poe>

```

Description

<power-budget-information>**Usage**

```
<power-budget-information>
  <psu-slot>
    psu-slot
  </psu-slot>
  <psu-type>
    psu-type
  </psu-type>
  <power-supplied-psu>
    power-supplied-psu
  </power-supplied-psu>
  <total-power-supplied>
    total-power-supplied
  </total-power-supplied>
  <base-power>
    base-power
  </base-power>
  <psu-redundancy-config>
    psu-redundancy-config
  </psu-redundancy-config>
  <line-card-slot>
    line-card-slot
  </line-card-slot>
  <line-card-type>
    line-card-type
  </line-card-type>
  <line-card-power>
    line-card-power
  </line-card-power>
  <line-card-priority>
    line-card-priority
  </line-card-priority>
  <actual-power-used>
    actual-power-used
  </actual-power-used>
  <power-available-redundant-case>
    power-available-redundant-case
  </power-available-redundant-case>
  <total-power-available>
    total-power-available
  </total-power-available>
</power-budget-information>
```

Description**<power-budget-information>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <power-budget-information>
      <psu-slot>
        psu-slot
```

```

</psu-slot>
<psu-type>
  psu-type
</psu-type>
<power-supplied-psu>
  power-supplied-psu
</power-supplied-psu>
<total-power-supplied>
  total-power-supplied
</total-power-supplied>
<base-power>
  base-power
</base-power>
<psu-redundancy-config>
  psu-redundancy-config
</psu-redundancy-config>
<line-card-slot>
  line-card-slot
</line-card-slot>
<line-card-type>
  line-card-type
</line-card-type>
<line-card-power>
  line-card-power
</line-card-power>
<line-card-priority>
  line-card-priority
</line-card-priority>
<actual-power-used>
  actual-power-used
</actual-power-used>
<power-available-redundant-case>
  power-available-redundant-case
</power-available-redundant-case>
<total-power-available>
  total-power-available
</total-power-available>
</power-budget-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<power-information>

Usage

```

<environment-component-information>
  <environment-component-item>
    <power-information>
      <power-title>....</power-title>
      <voltage-title>
        voltage-title
      </voltage-title>
      <voltage>....</voltage>
    </power-information>
  
```

```
</environment-component-item>
</environment-component-information>
```

Description**<power-management>****Usage**

```
<power-management>
  <power-mgmt-device>
    power-mgmt-device
  </power-mgmt-device>
  <power-mgmt-low-power>
    power-mgmt-low-power
  </power-mgmt-low-power>
  <power-mgmt-high-power>
    power-mgmt-high-power
  </power-mgmt-high-power>
  <power-mgmt-heat>
    power-mgmt-heat
  </power-mgmt-heat>
  <power-mgmt-state>
    power-mgmt-state
  </power-mgmt-state>
</power-management>
```

Description Information about JSeries Power Management**<power-management>****Usage**

```
<power-management-information>
  <power-management>
    <power-mgmt-device>
      power-mgmt-device
    </power-mgmt-device>
    <power-mgmt-low-power>
      power-mgmt-low-power
    </power-mgmt-low-power>
    <power-mgmt-high-power>
      power-mgmt-high-power
    </power-mgmt-high-power>
    <power-mgmt-heat>
      power-mgmt-heat
    </power-mgmt-heat>
    <power-mgmt-state>
      power-mgmt-state
    </power-mgmt-state>
  </power-management>
</power-management-information>
```

Description Information about JSeries Power Management

<power-management-information>**Usage**

```

<power-management-information>
  <power-management>....</power-management>
</power-management-information>

```

Description All information about JSeries Power Management

<power-title>**Usage**

```

<environment-component-information>
  <environment-component-item>
    <power-information>
      <power-title>
        <power-type>
          power-type
        </power-type>
        <power-state>
          power-state
        </power-state>
      </power-title>
    </power-information>
  </environment-component-item>
</environment-component-information>

```

Description**<power-usage-information>****Usage**

```

<power-usage-information>
  <capacity-actual>
    capacity-actual
  </capacity-actual>
  <capacity-max>
    capacity-max
  </capacity-max>
  <capacity-allocated>
    capacity-allocated
  </capacity-allocated>
  <capacity-remaining>
    capacity-remaining
  </capacity-remaining>
  <capacity-actual-usage>
    capacity-actual-usage
  </capacity-actual-usage>
  <capacity-load>
    capacity-load
  </capacity-load>
  <zone>
    zone

```

```
</zone>
<power-usage-item>....</power-usage-item>
<power-usage-system>....</power-usage-system>
</power-usage-information>
```

Description

<power-usage-item>

Usage

```
<power-usage-information>
<power-usage-item>
  <name>
    name
  </name>
  <status>
    status
  </status>
  <state>
    state
  </state>
  <ac-input-detail>....</ac-input-detail>
  <dc-input-detail>....</dc-input-detail>
  <dc-output-detail>....</dc-output-detail>
  <pem-capacity-detail>....</pem-capacity-detail>
</power-usage-item>
</power-usage-information>
```

Description

<power-usage-system>

Usage

```
<power-usage-information>
<power-usage-system>
  <power-usage-zone-information>....</power-usage-zone-information>
  <capacity-sys-actual>
    capacity-sys-actual
  </capacity-sys-actual>
  <capacity-sys-max>
    capacity-sys-max
  </capacity-sys-max>
  <capacity-sys-remaining>
    capacity-sys-remaining
  </capacity-sys-remaining>
</power-usage-system>
</power-usage-information>
```

Description

<power-usage-zone-information>

Usage

```
<power-usage-information>
```

```

<power-usage-system>
  <power-usage-zone-information>
    <zone>
      zone
    </zone>
    <capacity-actual>
      capacity-actual
    </capacity-actual>
    <capacity-max>
      capacity-max
    </capacity-max>
    <capacity-remaining>
      capacity-remaining
    </capacity-remaining>
    <capacity-allocated>
      capacity-allocated
    </capacity-allocated>
    <capacity-actual-usage>
      capacity-actual-usage
    </capacity-actual-usage>
  </power-usage-zone-information>
</power-usage-system>
</power-usage-information>

```

Description

<psd>

Usage

```

<psd-information>
  <psd>
    <slot>
      slot
    </slot>
    <description>
      description
    </description>
    <state>
      state
    </state>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </psd>
</psd-information>

```

Description

<psd-information>

Usage

```
<psd-information>
<psd>....</psd>
</psd-information>
```

Description

<read-register>

Usage

```
<read-register>
<cb-slot>
  cb-slot
</cb-slot>
<fchip-id>
  fchip-id
</fchip-id>
<address>
  address
</address>
<data>
  data
</data>
</read-register>
```

Description Read switch fabric register

<revision>

Usage

```
<environment-component-information>
<environment-component-item>
  <revision>
    <revision-name>
      revision-name
    </revision-name>
    <revision-number>
      revision-number
    </revision-number>
  </revision>
</environment-component-item>
</environment-component-information>
```

Description

<route-engine>

Usage

```
<route-engine-information>
<route-engine>
```



```
<description>
  description
</description>
<slot>
  slot
</slot>
<physical-slot>
  physical-slot
</physical-slot>
<mastership-state>
  mastership-state
</mastership-state>
<mastership-priority>
  mastership-priority
</mastership-priority>
<status>
  status
</status>
<model>
  model
</model>
<temperature>
  temperature
</temperature>
<cpu-temperature>
  cpu-temperature
</cpu-temperature>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<memory-system-total>
  memory-system-total
</memory-system-total>
<memory-system-total-used>
  memory-system-total-used
</memory-system-total-used>
<memory-system-total-util>
  memory-system-total-util
</memory-system-total-util>
<memory-control-plane>
  memory-control-plane
</memory-control-plane>
<memory-control-plane-used>
  memory-control-plane-used
</memory-control-plane-used>
<memory-control-plane-util>
  memory-control-plane-util
</memory-control-plane-util>
<memory-data-plane>
  memory-data-plane
</memory-data-plane>
<memory-data-plane-used>
  memory-data-plane-used
```

```
</memory-data-plane-used>
<memory-data-plane-util>
  memory-data-plane-util
</memory-data-plane-util>
<control-plane-cpu-count>
  control-plane-cpu-count
</control-plane-cpu-count>
<data-plane-cpu-count>
  data-plane-cpu-count
</data-plane-cpu-count>
<cpu-user>
  cpu-user
</cpu-user>
<cpu-real-time>
  cpu-real-time
</cpu-real-time>
<cpu-background>
  cpu-background
</cpu-background>
<cpu-system>
  cpu-system
</cpu-system>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-idle>
  cpu-idle
</cpu-idle>
<serial-number>
  serial-number
</serial-number>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<last-reboot-reason>
  last-reboot-reason
</last-reboot-reason>
<load-average-one>
  load-average-one
</load-average-one>
<load-average-five>
  load-average-five
</load-average-five>
<load-average-fifteen>
  load-average-fifteen
</load-average-fifteen>
<bios-version>
  bios-version
</bios-version>
<bios-date>
  bios-date
</bios-date>
<bios-id>
```

```

        bios-id
      </bios-id>
    </route-engine>
  </route-engine-information>

```

Description

<route-engine>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <route-engine-information>
      <route-engine>
        <description>
          description
        </description>
        <slot>
          slot
        </slot>
        <physical-slot>
          physical-slot
        </physical-slot>
        <mastership-state>
          mastership-state
        </mastership-state>
        <mastership-priority>
          mastership-priority
        </mastership-priority>
        <status>
          status
        </status>
        <model>
          model
        </model>
        <temperature>
          temperature
        </temperature>
        <cpu-temperature>
          cpu-temperature
        </cpu-temperature>
        <memory-dram-size>
          memory-dram-size
        </memory-dram-size>
        <memory-buffer-utilization>
          memory-buffer-utilization
        </memory-buffer-utilization>
        <memory-system-total>
          memory-system-total
        </memory-system-total>
        <memory-system-total-used>
          memory-system-total-used
        </memory-system-total-used>
        <memory-system-total-util>
          memory-system-total-util

```

```
</memory-system-total-util>
<memory-control-plane>
  memory-control-plane
</memory-control-plane>
<memory-control-plane-used>
  memory-control-plane-used
</memory-control-plane-used>
<memory-control-plane-util>
  memory-control-plane-util
</memory-control-plane-util>
<memory-data-plane>
  memory-data-plane
</memory-data-plane>
<memory-data-plane-used>
  memory-data-plane-used
</memory-data-plane-used>
<memory-data-plane-util>
  memory-data-plane-util
</memory-data-plane-util>
<control-plane-cpu-count>
  control-plane-cpu-count
</control-plane-cpu-count>
<data-plane-cpu-count>
  data-plane-cpu-count
</data-plane-cpu-count>
<cpu-user>
  cpu-user
</cpu-user>
<cpu-real-time>
  cpu-real-time
</cpu-real-time>
<cpu-background>
  cpu-background
</cpu-background>
<cpu-system>
  cpu-system
</cpu-system>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<cpu-idle>
  cpu-idle
</cpu-idle>
<serial-number>
  serial-number
</serial-number>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<last-reboot-reason>
  last-reboot-reason
</last-reboot-reason>
<load-average-one>
```

```

        load-average-one
      </load-average-one>
      <load-average-five>
        load-average-five
      </load-average-five>
      <load-average-fifteen>
        load-average-fifteen
      </load-average-fifteen>
      <bios-version>
        bios-version
      </bios-version>
      <bios-date>
        bios-date
      </bios-date>
      <bios-id>
        bios-id
      </bios-id>
    </route-engine>
  </route-engine-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<route-engine-information>

Usage

```

<route-engine-information>
  <route-engine>....</route-engine>
</route-engine-information>

```

Description

<route-engine-information>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <route-engine-information>
      <route-engine>....</route-engine>
    </route-engine-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<rps-chassis-information>

Usage

```

<rps-chassis-information>
  <rps-member-list>....</rps-member-list>
</rps-chassis-information>

```

Description

<rps-led-information>

Usage

```
<rps-led-information>
  <rps-list>....</rps-list>
</rps-led-information>
```

Description

<rps-list>

Usage

```
<rps-status-information>
  <rps-list>
    <rps-serial-number>
      rps-serial-number
    </rps-serial-number>
    <rps-switch-information>....</rps-switch-information>
    <rps-psu-information>....</rps-psu-information>
    <rps-fan-led>
      rps-fan-led
    </rps-fan-led>
    <rps-status-led>
      rps-status-led
    </rps-status-led>
    <rps-port-led-status>....</rps-port-led-status>
    <rps-model>
      rps-model
    </rps-model>
    <rps-firmware-version>
      rps-firmware-version
    </rps-firmware-version>
    <rps-uboot-version>
      rps-uboot-version
    </rps-uboot-version>
  </rps-list>
</rps-status-information>
```

Description

<rps-list>

Usage

```
<rps-power-supply-information>
  <rps-list>
    <rps-serial-number>
      rps-serial-number
    </rps-serial-number>
    <rps-switch-information>....</rps-switch-information>
    <rps-psu-information>....</rps-psu-information>
    <rps-fan-led>
      rps-fan-led
    </rps-fan-led>
```

```

<rps-status-led>
  rps-status-led
</rps-status-led>
<rps-port-led-status>....</rps-port-led-status>
<rps-model>
  rps-model
</rps-model>
<rps-firmware-version>
  rps-firmware-version
</rps-firmware-version>
<rps-uboot-version>
  rps-uboot-version
</rps-uboot-version>
</rps-list>
</rps-power-supply-information>

```

Description**<rps-list>****Usage**

```

<rps-led-information>
<rps-list>
  <rps-serial-number>
    rps-serial-number
  </rps-serial-number>
  <rps-switch-information>....</rps-switch-information>
  <rps-psu-information>....</rps-psu-information>
  <rps-fan-led>
    rps-fan-led
  </rps-fan-led>
  <rps-status-led>
    rps-status-led
  </rps-status-led>
  <rps-port-led-status>....</rps-port-led-status>
  <rps-model>
    rps-model
  </rps-model>
  <rps-firmware-version>
    rps-firmware-version
  </rps-firmware-version>
  <rps-uboot-version>
    rps-uboot-version
  </rps-uboot-version>
</rps-list>
</rps-led-information>

```

Description**<rps-list>****Usage**

```

<rps-version-information>
<rps-list>

```

```
<rps-serial-number>
  rps-serial-number
</rps-serial-number>
<rps-switch-information>....</rps-switch-information>
<rps-psu-information>....</rps-psu-information>
<rps-fan-led>
  rps-fan-led
</rps-fan-led>
<rps-status-led>
  rps-status-led
</rps-status-led>
<rps-port-led-status>....</rps-port-led-status>
<rps-model>
  rps-model
</rps-model>
<rps-firmware-version>
  rps-firmware-version
</rps-firmware-version>
<rps-uboot-version>
  rps-uboot-version
</rps-uboot-version>
</rps-list>
</rps-version-information>
```

Description

<rps-member-list>

Usage

```
<rps-chassis-information>
<rps-member-list>
  <rps-member-id>
    rps-member-id
  </rps-member-id>
  <rps-backup-status>
    rps-backup-status
  </rps-backup-status>
  <rps-serial-number>
    rps-serial-number
  </rps-serial-number>
  <rps-port-number>
    rps-port-number
  </rps-port-number>
</rps-member-list>
</rps-chassis-information>
```

Description

<rps-port-led-status>

Usage

```
<rps-status-information>
<rps-list>
  <rps-port-led-status>
```



```

    <rps-port-id>
      rps-port-id
    </rps-port-id>
    <rps-port-led>
      rps-port-led
    </rps-port-led>
  </rps-port-led-status>
</rps-list>
</rps-status-information>

```

Description

<rps-port-led-status>

Usage

```

<rps-power-supply-information>
  <rps-list>
    <rps-port-led-status>
      <rps-port-id>
        rps-port-id
      </rps-port-id>
      <rps-port-led>
        rps-port-led
      </rps-port-led>
    </rps-port-led-status>
  </rps-list>
</rps-power-supply-information>

```

Description

<rps-port-led-status>

Usage

```

<rps-led-information>
  <rps-list>
    <rps-port-led-status>
      <rps-port-id>
        rps-port-id
      </rps-port-id>
      <rps-port-led>
        rps-port-led
      </rps-port-led>
    </rps-port-led-status>
  </rps-list>
</rps-led-information>

```

Description

<rps-port-led-status>

Usage

```

<rps-version-information>
  <rps-list>
    <rps-port-led-status>

```

```
<rps-port-id>  
  rps-port-id  
</rps-port-id>  
<rps-port-led>  
  rps-port-led  
</rps-port-led>  
</rps-port-led-status>  
</rps-list>  
</rps-version-information>
```

Description

<rps-power-supply-information>

Usage

```
<rps-power-supply-information>  
  <rps-list>....</rps-list>  
</rps-power-supply-information>
```

Description

<rps-psu-information>

Usage

```
<rps-status-information>  
  <rps-list>  
    <rps-psu-information>  
      <rps-psu-slot-number>  
        rps-psu-slot-number  
      </rps-psu-slot-number>  
      <rps-psu-status>  
        rps-psu-status  
      </rps-psu-status>  
      <rps-psu-description>  
        rps-psu-description  
      </rps-psu-description>  
    </rps-psu-information>  
  </rps-list>  
</rps-status-information>
```

Description

<rps-psu-information>

Usage

```
<rps-power-supply-information>  
  <rps-list>  
    <rps-psu-information>  
      <rps-psu-slot-number>  
        rps-psu-slot-number  
      </rps-psu-slot-number>  
      <rps-psu-status>  
        rps-psu-status  
      </rps-psu-status>
```

```

    <rps-psu-description>
      rps-psu-description
    </rps-psu-description>
  </rps-psu-information>
</rps-list>
</rps-power-supply-information>

```

Description

<rps-psu-information>

Usage

```

<rps-led-information>
<rps-list>
  <rps-psu-information>
    <rps-psu-slot-number>
      rps-psu-slot-number
    </rps-psu-slot-number>
    <rps-psu-status>
      rps-psu-status
    </rps-psu-status>
    <rps-psu-description>
      rps-psu-description
    </rps-psu-description>
  </rps-psu-information>
</rps-list>
</rps-led-information>

```

Description

<rps-psu-information>

Usage

```

<rps-version-information>
<rps-list>
  <rps-psu-information>
    <rps-psu-slot-number>
      rps-psu-slot-number
    </rps-psu-slot-number>
    <rps-psu-status>
      rps-psu-status
    </rps-psu-status>
    <rps-psu-description>
      rps-psu-description
    </rps-psu-description>
  </rps-psu-information>
</rps-list>
</rps-version-information>

```

Description

<rps-status-information>

Usage

```
<rps-status-information>  
  <rps-list>....</rps-list>  
</rps-status-information>
```

Description

<rps-switch-information>

Usage

```
<rps-status-information>  
  <rps-list>  
    <rps-switch-information>  
      <rps-port>  
        rps-port  
      </rps-port>  
      <rps-switch-status>  
        rps-switch-status  
      </rps-switch-status>  
      <rps-switch-priority>  
        rps-switch-priority  
      </rps-switch-priority>  
      <rps-power-requested>  
        rps-power-requested  
      </rps-power-requested>  
    </rps-switch-information>  
  </rps-list>  
</rps-status-information>
```

Description

<rps-switch-information>

Usage

```
<rps-power-supply-information>  
  <rps-list>  
    <rps-switch-information>  
      <rps-port>  
        rps-port  
      </rps-port>  
      <rps-switch-status>  
        rps-switch-status  
      </rps-switch-status>  
      <rps-switch-priority>  
        rps-switch-priority  
      </rps-switch-priority>  
      <rps-power-requested>  
        rps-power-requested  
      </rps-power-requested>  
    </rps-switch-information>  
  </rps-list>
```

</rps-power-supply-information>

Description

<rps-switch-information>

Usage

```
<rps-led-information>
<rps-list>
  <rps-switch-information>
    <rps-port>
      rps-port
    </rps-port>
    <rps-switch-status>
      rps-switch-status
    </rps-switch-status>
    <rps-switch-priority>
      rps-switch-priority
    </rps-switch-priority>
    <rps-power-requested>
      rps-power-requested
    </rps-power-requested>
  </rps-switch-information>
</rps-list>
</rps-led-information>
```

Description

<rps-switch-information>

Usage

```
<rps-version-information>
<rps-list>
  <rps-switch-information>
    <rps-port>
      rps-port
    </rps-port>
    <rps-switch-status>
      rps-switch-status
    </rps-switch-status>
    <rps-switch-priority>
      rps-switch-priority
    </rps-switch-priority>
    <rps-power-requested>
      rps-power-requested
    </rps-power-requested>
  </rps-switch-information>
</rps-list>
</rps-version-information>
```

Description

<rps-version-information>

Usage

```
<rps-version-information>  
  <rps-list>....</rps-list>  
</rps-version-information>
```

Description

<scb>

Usage

```
<scb-information>  
  <scb>  
    <slot>  
      slot  
    </slot>  
    <state>  
      state  
    </state>  
    <failover-count>  
      failover-count  
    </failover-count>  
    <reset-count>  
      reset-count  
    </reset-count>  
    <activate-count>  
      activate-count  
    </activate-count>  
    <temperature>  
      temperature  
    </temperature>  
    <intake-temperature>  
      intake-temperature  
    </intake-temperature>  
    <exhaust-temperature>  
      exhaust-temperature  
    </exhaust-temperature>  
    <exhaust-a-temperature>  
      exhaust-a-temperature  
    </exhaust-a-temperature>  
    <exhaust-b-temperature>  
      exhaust-b-temperature  
    </exhaust-b-temperature>  
    <spp-temperature>  
      spp-temperature  
    </spp-temperature>  
    <spr-temperature>  
      spr-temperature  
    </spr-temperature>  
    <cpu-total>  
      cpu-total  
    </cpu-total>  
    <cpu-total-ukern>  
      cpu-total-ukern
```

```

</cpu-total-ukern>
<cpu-total-rt>
  cpu-total-rt
</cpu-total-rt>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-rldram-size>
  memory-rldram-size
</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-name>
  asic-name
</asic-name>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
</scb>
</scb-information>

```

Description

<scb>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <scb-information>
      <scb>

```

```
<slot>
  slot
</slot>
<state>
  state
</state>
<failover-count>
  failover-count
</failover-count>
<reset-count>
  reset-count
</reset-count>
<activate-count>
  activate-count
</activate-count>
<temperature>
  temperature
</temperature>
<intake-temperature>
  intake-temperature
</intake-temperature>
<exhaust-temperature>
  exhaust-temperature
</exhaust-temperature>
<exhaust-a-temperature>
  exhaust-a-temperature
</exhaust-a-temperature>
<exhaust-b-temperature>
  exhaust-b-temperature
</exhaust-b-temperature>
<spp-temperature>
  spp-temperature
</spp-temperature>
<spr-temperature>
  spr-temperature
</spr-temperature>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-total-ukern>
  cpu-total-ukern
</cpu-total-ukern>
<cpu-total-rt>
  cpu-total-rt
</cpu-total-rt>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-dram-size>
  memory-dram-size
</memory-dram-size>
<memory-sram-size>
  memory-sram-size
</memory-sram-size>
<memory-rldram-size>
  memory-rldram-size
```



```

</memory-rldram-size>
<memory-ddr-dram-size>
  memory-ddr-dram-size
</memory-ddr-dram-size>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<asic-name>
  asic-name
</asic-name>
<asic-information>
  asic-information
</asic-information>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
<comment>
  comment
</comment>
<max-power-consumption>
  max-power-consumption
</max-power-consumption>
</scb>
</scb-information>
</multi-routing-engine-item>
</multi-routing-engine-results>

```

Description

<scb-information>

Usage

```

<scb-information>
  <scb-type>
    scb-type
  </scb-type>
  <cross-connect>
    cross-connect
  </cross-connect>
  <packet-scheduling>
    packet-scheduling
  </packet-scheduling>
  <scb>....</scb>
</scb-information>

```

Description

<scb-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <scb-information>
      <scb-type>
        scb-type
      </scb-type>
      <cross-connect>
        cross-connect
      </cross-connect>
      <packet-scheduling>
        packet-scheduling
      </packet-scheduling>
      <scb>....</scb>
    </scb-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<sib>

Usage

```
<sib-information>
  <sib>
    <slot>
      slot
    </slot>
    <slot-type>
      slot-type
    </slot-type>
    <state>
      state
    </state>
    <sib-type>
      sib-type
    </sib-type>
    <destination-error>
      destination-error
    </destination-error>
    <up-time>
      up-time
    </up-time>
    <comment>
      comment
    </comment>
  </sib>
</sib-information>
```

Description

<sib>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <sib-information>
      <sib>
        <slot>
          slot
        </slot>
        <slot-type>
          slot-type
        </slot-type>
        <state>
          state
        </state>
        <sib-type>
          sib-type
        </sib-type>
        <destination-error>
          destination-error
        </destination-error>
        <up-time>
          up-time
        </up-time>
        <comment>
          comment
        </comment>
      </sib>
    </sib-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description**<sib-information>****Usage**

```

<sib-information>
  <sib>....</sib>
  <use-cli-info>
    use-cli-info
  </use-cli-info>
</sib-information>

```

Description**<sib-information>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <sib-information>
      <sib>....</sib>
    </sib-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

```
<use-cli-info>
  use-cli-info
</use-cli-info>
</sib-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<slave-registers>

Usage

```
<environment-component-information>
  <environment-component-item>
    <slave-registers-information>
      <slave-registers>
        <slave-registers-name>
          slave-registers-name
        </slave-registers-name>
        <slave-registers-value>
          slave-registers-value
        </slave-registers-value>
      </slave-registers>
    </slave-registers-information>
  </environment-component-item>
</environment-component-information>
```

Description Slave register values

<slave-registers-information>

Usage

```
<environment-component-information>
  <environment-component-item>
    <slave-registers-information>
      <slave-registers-title>
        slave-registers-title
      </slave-registers-title>
      <slave-registers>....</slave-registers>
    </slave-registers-information>
  </environment-component-item>
</environment-component-information>
```

Description

<spmb>

Usage

```
<spmb-information>
  <spmb>
    <slot>
      slot
    </slot>
```

```

<state>
  state
</state>
<cpu-total>
  cpu-total
</cpu-total>
<cpu-interrupt>
  cpu-interrupt
</cpu-interrupt>
<memory-heap-utilization>
  memory-heap-utilization
</memory-heap-utilization>
<memory-buffer-utilization>
  memory-buffer-utilization
</memory-buffer-utilization>
<start-time>
  start-time
</start-time>
<up-time>
  up-time
</up-time>
</spmb>
</spmb-information>

```

Description

<spmb>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <spmb-information>
      <spmb>
        <slot>
          slot
        </slot>
        <state>
          state
        </state>
        <cpu-total>
          cpu-total
        </cpu-total>
        <cpu-interrupt>
          cpu-interrupt
        </cpu-interrupt>
        <memory-heap-utilization>
          memory-heap-utilization
        </memory-heap-utilization>
        <memory-buffer-utilization>
          memory-buffer-utilization
        </memory-buffer-utilization>
        <start-time>
          start-time
        </start-time>
        <up-time>

```

```
        up-time
      </up-time>
    </spmb>
  </spmb-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<spmb-information>****Usage**

```
<spmb-information>
  <spmb>....</spmb>
</spmb-information>
```

Description**<spmb-information>****Usage**

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <spmb-information>
      <spmb>....</spmb>
    </spmb-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description**<synchronization-source-list>****Usage**

```
<clock-synchronization-information>
  <clock-synchronization>
    <synchronization-source-list>
      <current-source>....</current-source>
      <configured-source-list>....</configured-source-list>
    </synchronization-source-list>
  </clock-synchronization>
</clock-synchronization-information>
```

Description**<system-firmware>****Usage**

```
<system-firmware>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
```

```

    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <system-sub-module-firmware-list>....</system-sub-module-firmware-list>
</system-firmware>

```

Description**<system-firmware>****Usage**

```

<system-firmware-information>
  <system-firmware>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-tag>
      firmware-tag
    </firmware-tag>
    <firmware-revision>
      firmware-revision
    </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
    <system-sub-module-firmware-list>....</system-sub-module-firmware-list>
  </system-firmware>
</system-firmware-information>

```

Description**<system-firmware>****Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>

```

```
<system-firmware>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <system-sub-module-firmware-list>....</system-sub-module-firmware-list>

</system-firmware>
</system-firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<system-firmware-compatibility>

Usage

```
<system-firmware-compatibility>
  <firmware-name>
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <firmware-action>
    firmware-action
  </firmware-action>

<system-sub-module-firmware-compatibility-list>....</system-sub-module-firmware-compatibility-list>
```


</system-firmware-compatibility>

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility>

Usage

```
<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-tag>
      firmware-tag
    </firmware-tag>
    <firmware-revision>
      firmware-revision
    </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
    <firmware-action>
      firmware-action
    </firmware-action>

  <system-sub-module-firmware-compatibility-list>...</system-sub-module-firmware-compatibility-list>

  </system-firmware-compatibility>
</system-firmware-compatibility-information>
```

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <system-firmware-compatibility>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
```

```
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <firmware-action>
    firmware-action
  </firmware-action>
```

```
<system-sub-module-firmware-compatibility-list>...</system-sub-module-firmware-compatibility-list>
```

```
  </system-firmware-compatibility>
</system-firmware-compatibility-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware compatibility information with installed JFirmware

<system-firmware-compatibility-information>

Usage

```
<system-firmware-compatibility-information>
  <firmware-version-mismatch>....</firmware-version-mismatch>
  <system-firmware-compatibility>....</system-firmware-compatibility>
</system-firmware-compatibility-information>
```

Description Compatibility information about installed firmware version & JFirmware

<system-firmware-compatibility-information>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <firmware-version-mismatch>....</firmware-version-mismatch>
      <system-firmware-compatibility>....</system-firmware-compatibility>
    </system-firmware-compatibility-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Compatibility information about installed firmware version & JFirmware

<system-firmware-information>**Usage**

```

<system-firmware-information>
  <system-firmware>....</system-firmware>
</system-firmware-information>

```

Description Information about component firmware versions

<system-firmware-information>**Usage**

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
      <system-firmware>....</system-firmware>
    </system-firmware-information>
  </multi-routing-engine-item>
</multi-routing-engine-results>

```

Description Information about component firmware versions

<system-led>**Usage**

```

<front-panel>
  <system-led>
    <system-led-display>....</system-led-display>
  </system-led>
</front-panel>

```

Description State of system LEDs on the front panel

<system-led>**Usage**

```

<get-craft-information>
  <front-panel>
    <system-led>
      <system-led-display>....</system-led-display>
    </system-led>
  </front-panel>
</get-craft-information>

```

Description State of system LEDs on the front panel

<system-led-display>

Usage

```
<front-panel>
  <system-led>
    <system-led-display>
      <name>
        name
      </name>
      <led-status>
        led-status
      </led-status>
    </system-led-display>
  </system-led>
</front-panel>
```

Description

<system-led-display>

Usage

```
<get-craft-information>
  <front-panel>
    <system-led>
      <system-led-display>
        <name>
          name
        </name>
        <led-status>
          led-status
        </led-status>
      </system-led-display>
    </system-led>
  </front-panel>
</get-craft-information>
```

Description

<system-sub-module-firmware>

Usage

```
<system-firmware>
  <system-sub-module-firmware-list>
    <system-sub-module-firmware>
      <firmware-name>
        firmware-name
      </firmware-name>
      <firmware-type>
        firmware-type
      </firmware-type>
      <firmware-tag>
        firmware-tag
      </firmware-tag>
      <firmware-revision>
```

```

        firmware-revision
      </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
  </system-sub-module-firmware>
</system-sub-module-firmware-list>
</system-firmware>

```

Description Firmware sub module

<system-sub-module-firmware>

Usage

```

<system-firmware-information>
  <system-firmware>
    <system-sub-module-firmware-list>
      <system-sub-module-firmware>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
          firmware-tag
        </firmware-tag>
        <firmware-revision>
          firmware-revision
        </firmware-revision>
        <firmware-revision-available>
          firmware-revision-available
        </firmware-revision-available>
        <firmware-status>
          firmware-status
        </firmware-status>
      </system-sub-module-firmware>
    </system-sub-module-firmware-list>
  </system-firmware>
</system-firmware-information>

```

Description Firmware sub module

<system-sub-module-firmware>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
      <system-firmware>

```

```
<system-sub-module-firmware-list>
  <system-sub-module-firmware>
    <firmware-name>
      firmware-name
    </firmware-name>
    <firmware-type>
      firmware-type
    </firmware-type>
    <firmware-tag>
      firmware-tag
    </firmware-tag>
    <firmware-revision>
      firmware-revision
    </firmware-revision>
    <firmware-revision-available>
      firmware-revision-available
    </firmware-revision-available>
    <firmware-status>
      firmware-status
    </firmware-status>
  </system-sub-module-firmware>
</system-sub-module-firmware-list>
</system-firmware>
</system-firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```
<system-firmware-compatibility>
  <system-sub-module-firmware-compatibility-list>
    <system-sub-module-firmware-compatibility>
      <firmware-name>
        firmware-name
      </firmware-name>
      <firmware-type>
        firmware-type
      </firmware-type>
      <firmware-tag>
        firmware-tag
      </firmware-tag>
      <firmware-revision>
        firmware-revision
      </firmware-revision>
      <firmware-revision-available>
        firmware-revision-available
      </firmware-revision-available>
      <firmware-status>
        firmware-status
      </firmware-status>
      <firmware-action>
```

```

        firmware-action
      </firmware-action>
    </system-sub-module-firmware-compatibility>
  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>

```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```

<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <system-sub-module-firmware-compatibility-list>
      <system-sub-module-firmware-compatibility>
        <firmware-name>
          firmware-name
        </firmware-name>
        <firmware-type>
          firmware-type
        </firmware-type>
        <firmware-tag>
          firmware-tag
        </firmware-tag>
        <firmware-revision>
          firmware-revision
        </firmware-revision>
        <firmware-revision-available>
          firmware-revision-available
        </firmware-revision-available>
        <firmware-status>
          firmware-status
        </firmware-status>
        <firmware-action>
          firmware-action
        </firmware-action>
      </system-sub-module-firmware-compatibility>
    </system-sub-module-firmware-compatibility-list>
  </system-firmware-compatibility>
</system-firmware-compatibility-information>

```

Description Firmware sub module

<system-sub-module-firmware-compatibility>

Usage

```

<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <system-firmware-compatibility>
        <system-sub-module-firmware-compatibility-list>
          <system-sub-module-firmware-compatibility>
            <firmware-name>

```

```
    firmware-name
  </firmware-name>
  <firmware-type>
    firmware-type
  </firmware-type>
  <firmware-tag>
    firmware-tag
  </firmware-tag>
  <firmware-revision>
    firmware-revision
  </firmware-revision>
  <firmware-revision-available>
    firmware-revision-available
  </firmware-revision-available>
  <firmware-status>
    firmware-status
  </firmware-status>
  <firmware-action>
    firmware-action
  </firmware-action>
</system-sub-module-firmware-compatibility>
</system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
</system-firmware-compatibility-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description Firmware sub module

<system-sub-module-firmware-compatibility-list>

Usage

```
<system-firmware-compatibility>
  <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
```

Description

<system-sub-module-firmware-compatibility-list>

Usage

```
<system-firmware-compatibility-information>
  <system-firmware-compatibility>
    <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

  </system-sub-module-firmware-compatibility-list>
</system-firmware-compatibility>
```



```
</system-firmware-compatibility-information>
```

Description

<system-sub-module-firmware-compatibility-list>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-compatibility-information>
      <system-firmware-compatibility>
        <system-sub-module-firmware-compatibility-list>

<system-sub-module-firmware-compatibility>....</system-sub-module-firmware-compatibility>

      </system-sub-module-firmware-compatibility-list>
    </system-firmware-compatibility>
  </system-firmware-compatibility-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<system-sub-module-firmware-list>

Usage

```
<system-firmware>
  <system-sub-module-firmware-list>
    <system-sub-module-firmware>....</system-sub-module-firmware>
  </system-sub-module-firmware-list>
</system-firmware>
```

Description

<system-sub-module-firmware-list>

Usage

```
<system-firmware-information>
  <system-firmware>
    <system-sub-module-firmware-list>
      <system-sub-module-firmware>....</system-sub-module-firmware>
    </system-sub-module-firmware-list>
  </system-firmware>
</system-firmware-information>
```

Description

<system-sub-module-firmware-list>

Usage

```
<multi-routing-engine-results>
  <multi-routing-engine-item>
    <system-firmware-information>
```

```
<system-firmware>
  <system-sub-module-firmware-list>
    <system-sub-module-firmware>....</system-sub-module-firmware>
  </system-sub-module-firmware-list>
</system-firmware>
</system-firmware-information>
</multi-routing-engine-item>
</multi-routing-engine-results>
```

Description

<tdr>

Usage

```
<tdr>
  <interface-information>....</interface-information>
  <interface-information-detail>....</interface-information-detail>
</tdr>
```

Description

<telemetries-information>

Usage

```
<poe>
  <telemetries-information>
    <telemetries-index>
      telemetries-index
    </telemetries-index>
    <telemetries-timestamp>
      telemetries-timestamp
    </telemetries-timestamp>
    <telemetries-power>
      telemetries-power
    </telemetries-power>
    <telemetries-voltage>
      telemetries-voltage
    </telemetries-voltage>
  </telemetries-information>
</poe>
```

Description

<temperature-reading>

Usage

```
<environment-component-information>
  <environment-component-item>
    <temperature-reading>
      <temperature-name>
        temperature-name
      </temperature-name>
      <temperature>
        temperature
      </temperature>
    </temperature-reading>
  </environment-component-item>
</environment-component-information>
```

```

    </temperature>
  </temperature-reading>
</environment-component-item>
</environment-component-information>

```

Description

<temperature-threshold>

Usage

```

<temperature-threshold-information>
  <temperature-threshold>
    <name>
      name
    </name>
    <fan-normal-speed>
      fan-normal-speed
    </fan-normal-speed>
    <fan-high-speed>
      fan-high-speed
    </fan-high-speed>
    <yellow-alarm>
      yellow-alarm
    </yellow-alarm>
    <bad-fan-yellow-alarm>
      bad-fan-yellow-alarm
    </bad-fan-yellow-alarm>
    <red-alarm>
      red-alarm
    </red-alarm>
    <bad-fan-red-alarm>
      bad-fan-red-alarm
    </bad-fan-red-alarm>

  <temperature-threshold-information-item>....</temperature-threshold-information-item>

  </temperature-threshold>
</temperature-threshold-information>

```

Description Temperature threshold information for a component on the routing platform.

<temperature-threshold-information>

Usage

```

<temperature-threshold-information>
  <temperature-threshold>....</temperature-threshold>
</temperature-threshold-information>

```

Description Information about the temperature threshold settings for components in the routing platform

<temperature-threshold-information-item>

Usage

```
<temperature-threshold-information>
  <temperature-threshold>
    <temperature-threshold-information-item>
  </temperature-threshold-information-item>
</temperature-threshold>
</temperature-threshold-information>
```

Description

<vcpu>

Usage

```
<vcpu-information>
  <vcpu>
    <slot>
      slot
    </slot>
    <state>
      state
    </state>
    <description>
      description
    </description>
    <error-code>
      error-code
    </error-code>
    <temperature>
      temperature
    </temperature>
    <cpu-total>
      cpu-total
    </cpu-total>
    <cpu-interrupt>
      cpu-interrupt
    </cpu-interrupt>
    <memory-dram-size>
      memory-dram-size
    </memory-dram-size>
    <comment>
      comment
    </comment>
  </vcpu>
</vcpu-information>
```

Description

<vcpu-information>

Usage

```
<vcpu-information>
  <vcpu>....</vcpu>
```

```
</vcpu-information>
```

Description

<voltage>

Usage

```
<environment-component-information>
  <environment-component-item>
    <power-information>
      <voltage>
        <reference-voltage>
          reference-voltage
        </reference-voltage>
        <actual-voltage>
          actual-voltage
        </actual-voltage>
      </voltage>
    </power-information>
  </environment-component-item>
</environment-component-information>
```

Description

<write-register>

Usage

```
<write-register>
  <cb-slot>
    cb-slot
  </cb-slot>
  <fchip-id>
    fchip-id
  </fchip-id>
  <address>
    address
  </address>
  <data>
    data
  </data>
</write-register>
```

Description Write switch fabric register

<xf-read-register>

Usage

```
<xf-read-register>
  <xfchip-id>
    xfchip-id
  </xfchip-id>
  <xf-address>
    xf-address
```

```
</xf-address>
<xf-data>
  xf-data
</xf-data>
</xf-read-register>
```

Description Read XFCHIP register

<xf-show-summary>

Usage

```
<xf-show-summary>
  <xfchip-id>
    xfchip-id
  </xfchip-id>
  <xf-mode>
    xf-mode
  </xf-mode>
</xf-show-summary>
```

Description Show XFCHIP summary

<xf-write-register>

Usage

```
<xf-write-register>
  <xfchip-id>
    xfchip-id
  </xfchip-id>
  <xf-address>
    xf-address
  </xf-address>
  <xf-data>
    xf-data
  </xf-data>
</xf-write-register>
```

Description Write XFCHIP register

Summary of 802.1X Process Response Tags

<authentication-whitelist-information>

Usage

```
<authentication-whitelist-information>
  <authentication-whitelist-mac>....</authentication-whitelist-mac>

  <authentication-whitelist-mac-bypassed-users>....</authentication-whitelist-mac-bypassed-users>

</authentication-whitelist-information>
```

Description**<authentication-whitelist-mac>****Usage**

```

<authentication-whitelist-information>
  <authentication-whitelist-mac>
    <authentication-whitelist-mac-address>
      authentication-whitelist-mac-address
    </authentication-whitelist-mac-address>
    <authentication-whitelist-mac-prefix>
      authentication-whitelist-mac-prefix
    </authentication-whitelist-mac-prefix>
    <authentication-whitelist-mac-vlan-assignment>
      authentication-whitelist-mac-vlan-assignment
    </authentication-whitelist-mac-vlan-assignment>
    <authentication-whitelist-mac-interface>
      authentication-whitelist-mac-interface
    </authentication-whitelist-mac-interface>
  </authentication-whitelist-mac>
</authentication-whitelist-information>

```

Description Information about configured white-list MAC addresses

<authentication-whitelist-mac-bypassed-users>**Usage**

```

<authentication-whitelist-information>
  <authentication-whitelist-mac-bypassed-users>
    <authentication-whitelist-mac-bypass>
      authentication-whitelist-mac-bypass
    </authentication-whitelist-mac-bypass>
    <authentication-whitelist-mac-bypass-vlan>
      authentication-whitelist-mac-bypass-vlan
    </authentication-whitelist-mac-bypass-vlan>
    <authentication-whitelist-mac-bypass-interface>
      authentication-whitelist-mac-bypass-interface
    </authentication-whitelist-mac-bypass-interface>
  </authentication-whitelist-mac-bypassed-users>
</authentication-whitelist-information>

```

Description List of users who bypassed authentication

<cp-interface>**Usage**

```

<cp-interface-information>
  <cp-interface>
    <cp-interface-name>
      cp-interface-name
    </cp-interface-name>
    <cp-user-name>
      cp-user-name

```

```
</cp-user-name>
<cp-user-mac-address>
  cp-user-mac-address
</cp-user-mac-address>
<cp-state>
  cp-state
</cp-state>
<cp-administrative-mode>
  cp-administrative-mode
</cp-administrative-mode>
<cp-number-of-retries>
  cp-number-of-retries
</cp-number-of-retries>
<cp-quiet-period>
  cp-quiet-period
</cp-quiet-period>
<cp-configured-session-lifespan>
  cp-configured-session-lifespan
</cp-configured-session-lifespan>
<cp-server-timeout>
  cp-server-timeout
</cp-server-timeout>
<cp-number-of-connected-suplicants>
  cp-number-of-connected-suplicants
</cp-number-of-connected-suplicants>
<cp-supPLICANT-list>....</cp-supPLICANT-list>
</cp-interface>
</cp-interface-information>
```

Description

<cp-interface-information>

Usage

```
<cp-interface-information>
  <cp-interface>....</cp-interface>
</cp-interface-information>
```

Description

<cp-supPLICANT>

Usage

```
<cp-interface-information>
  <cp-interface>
    <cp-supPLICANT-list>
      <cp-supPLICANT>
        <cp-supPLICANT-name>
          cp-supPLICANT-name
        </cp-supPLICANT-name>
        <cp-supPLICANT-mac-address>
          cp-supPLICANT-mac-address
        </cp-supPLICANT-mac-address>
        <cp-supPLICANT-state>
```



```

    cp-suppliant-state
  </cp-suppliant-state>
  <cp-dynamic-filter>
    cp-dynamic-filter
  </cp-dynamic-filter>
  <cp-dynamic-session-lifespan>
    cp-dynamic-session-lifespan
  </cp-dynamic-session-lifespan>
  <cp-session-expiration-time>
    cp-session-expiration-time
  </cp-session-expiration-time>
</cp-suppliant>
</cp-suppliant-list>
</cp-interface>
</cp-interface-information>

```

Description**<cp-suppliant-list>****Usage**

```

<cp-interface-information>
  <cp-interface>
    <cp-suppliant-list>
      <cp-suppliant>....</cp-suppliant>
    </cp-suppliant-list>
  </cp-interface>
</cp-interface-information>

```

Description**<dot1x-authentication-failed-users>****Usage**

```

<dot1x-interface-information>
  <dot1x-authentication-failed-users>
    <authentication-failed-interface>
      authentication-failed-interface
    </authentication-failed-interface>
    <authentication-failed-mac-addr>
      authentication-failed-mac-addr
    </authentication-failed-mac-addr>
    <authentication-failed-user>
      authentication-failed-user
    </authentication-failed-user>
    <authentication-failed-count>
      authentication-failed-count
    </authentication-failed-count>
  </dot1x-authentication-failed-users>
</dot1x-interface-information>

```

Description List of users who failed authentication

<dot1x-firewall-interface>

Usage

```
<dot1x-interface-information>
  <dot1x-firewall-interface>
    <filter-name>
      filter-name
    </filter-name>
    <counter-name>
      counter-name
    </counter-name>
    <policer-name>
      policer-name
    </policer-name>
    <bytes>
      bytes
    </bytes>
    <packets>
      packets
    </packets>
    <packet-count>
      packet-count
    </packet-count>
  </dot1x-firewall-interface>
</dot1x-interface-information>
```

Description

<dot1x-interface-information>

Usage

```
<dot1x-interface-information>
  <interface>....</interface>
  <dot1x-static-mac-address>....</dot1x-static-mac-address>
  <dot1x-authentication-failed-users>....</dot1x-authentication-failed-users>
  <dot1x-interface-statistics>....</dot1x-interface-statistics>
  <dot1x-staticmac-bypassed-users>....</dot1x-staticmac-bypassed-users>
  <dot1x-firewall-interface>....</dot1x-firewall-interface>
</dot1x-interface-information>
```

Description

<dot1x-interface-statistics>

Usage

```
<dot1x-interface-information>
  <dot1x-interface-statistics>
    <eapol-interface-name>
      eapol-interface-name
    </eapol-interface-name>
    <eapol-total-received-frames>
      eapol-total-received-frames
    </eapol-total-received-frames>
    <eapol-start-frames>
```

```

    eapol-start-frames
  </eapol-start-frames>
  <eapol-logoff-frames>
    eapol-logoff-frames
  </eapol-logoff-frames>
  <eapol-response-id-frames>
    eapol-response-id-frames
  </eapol-response-id-frames>
  <eapol-response-frames>
    eapol-response-frames
  </eapol-response-frames>
  <eapol-invalid-frames>
    eapol-invalid-frames
  </eapol-invalid-frames>
  <eapol-length-error-frames>
    eapol-length-error-frames
  </eapol-length-error-frames>
  <eapol-lastframe-version>
    eapol-lastframe-version
  </eapol-lastframe-version>
  <eapol-lastframe-macaddress>
    eapol-lastframe-macaddress
  </eapol-lastframe-macaddress>
  <eapol-total-transmitted-packets>
    eapol-total-transmitted-packets
  </eapol-total-transmitted-packets>
  <eapol-request-id-frames>
    eapol-request-id-frames
  </eapol-request-id-frames>
  <eapol-request-frames>
    eapol-request-frames
  </eapol-request-frames>
</dot1x-interface-statistics>
</dot1x-interface-information>

```

Description Display interface statistics

<dot1x-static-mac-address>

Usage

```

<dot1x-interface-information>
  <dot1x-static-mac-address>
    <static-mac-address>
      static-mac-address
    </static-mac-address>
    <static-mac-prefix>
      static-mac-prefix
    </static-mac-prefix>
    <static-mac-vlan-assignment>
      static-mac-vlan-assignment
    </static-mac-vlan-assignment>
    <static-mac-interface>
      static-mac-interface
    </static-mac-interface>
  </dot1x-static-mac-address>
</dot1x-interface-information>

```

```
</dot1x-static-mac-address>
</dot1x-interface-information>
```

Description Information about configured static MAC addresses

<dot1x-staticmac-bypassed-users>

Usage

```
<dot1x-interface-information>
  <dot1x-staticmac-bypassed-users>
    <static-mac-bypass>
      static-mac-bypass
    </static-mac-bypass>
    <static-mac-bypass-vlan>
      static-mac-bypass-vlan
    </static-mac-bypass-vlan>
    <static-mac-bypass-interface>
      static-mac-bypass-interface
    </static-mac-bypass-interface>
  </dot1x-staticmac-bypassed-users>
</dot1x-interface-information>
```

Description List of users who bypassed authentication

<interface>

Usage

```
<dot1x-interface-information>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <user-name>
      user-name
    </user-name>
    <user-mac-address>
      user-mac-address
    </user-mac-address>
    <role>
      role
    </role>
    <state>
      state
    </state>
    <administrative-state>
      administrative-state
    </administrative-state>
    <administrative-mode>
      administrative-mode
    </administrative-mode>
    <number-of-retries>
      number-of-retries
    </number-of-retries>
```

```

<quiet-period>
  quiet-period
</quiet-period>
<transmit-period>
  transmit-period
</transmit-period>
<mac-radius>
  mac-radius
</mac-radius>
<mac-radius-strict>
  mac-radius-strict
</mac-radius-strict>
<reauthentication>
  reauthentication
</reauthentication>
<reauthentication-interval>
  reauthentication-interval
</reauthentication-interval>
<supplicant-timeout>
  supplicant-timeout
</supplicant-timeout>
<server-timeout>
  server-timeout
</server-timeout>
<max-eapol-request>
  max-eapol-request
</max-eapol-request>
<frame-control>
  frame-control
</frame-control>
<guest-vlan>
  guest-vlan
</guest-vlan>
<number-of-connected-supplicants>
  number-of-connected-supplicants
</number-of-connected-supplicants>
<supplicant-list>....</supplicant-list>
</interface>
</dot1x-interface-information>

```

Description

<supplicant>

Usage

```

<dot1x-interface-information>
<interface>
  <supplicant-list>
    <supplicant>
      <supplicant-name>
        supplicant-name
      </supplicant-name>
      <supplicant-mac-address>
        supplicant-mac-address
      </supplicant-mac-address>
    </supplicant>
  </supplicant-list>
</interface>
</dot1x-interface-information>

```

```
<supplicant-state>
  supplicant-state
</supplicant-state>
<backend-administrative-state>
  backend-administrative-state
</backend-administrative-state>
<authentication-method>
  authentication-method
</authentication-method>
<vlan>
  vlan
</vlan>
<dynamic-filter>
  dynamic-filter
</dynamic-filter>
<session-reauthentication-interval>
  session-reauthentication-interval
</session-reauthentication-interval>
<reauthentication-due>
  reauthentication-due
</reauthentication-due>
</supplicant>
</supplicant-list>
</interface>
</dot1x-interface-information>
```

Description

<supplicant-list>

Usage

```
<dot1x-interface-information>
  <interface>
    <supplicant-list>
      <supplicant>....</supplicant>
    </supplicant-list>
  </interface>
</dot1x-interface-information>
```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description

<task-block>

Usage

```

<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>

```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>

```

```
<tb-alloc-size>
  tb-alloc-size
</tb-alloc-size>
<tb-terse-transient>
  tb-terse-transient
</tb-terse-transient>
<tb-terse-fullpage>
  tb-terse-fullpage
</tb-terse-fullpage>
<tb-terse-debug>
  tb-terse-debug
</tb-terse-debug>
<tb-alloc-blocks>
  tb-alloc-blocks
</tb-alloc-blocks>
<tb-alloc-bytes>
  tb-alloc-bytes
</tb-alloc-bytes>
<tb-max-alloc-blocks>
  tb-max-alloc-blocks
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page>**Usage**

```

<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>

```

Description**<task-lite-page>****Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>**Usage**

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description**<task-malloc-list>****Usage**

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description**<task-malloc-list>****Usage**

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
  </task-memory-dynamic-allocs>
  <task-memory-max-dynamic-allocs>
    task-memory-max-dynamic-allocs
  </task-memory-max-dynamic-allocs>
  <task-memory-bss-bytes>
    task-memory-bss-bytes
  </task-memory-bss-bytes>
  <task-memory-max-bss-bytes>
    task-memory-max-bss-bytes
  </task-memory-max-bss-bytes>
```

```

<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>

```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes

```

```
</task-memory-total-free-bytes>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats>

Usage

```
<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
```

```

    <tms-max-allocs>
      tms-max-allocs
    </tms-max-allocs>
    <tms-max-bytes>
      tms-max-bytes
    </tms-max-bytes>
    <tms-free-bytes>
      tms-free-bytes
    </tms-free-bytes>
  </task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>

```

Description**<task-memory-stats-list>****Usage**

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description**<task-replication-state>****Usage**

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>**Usage**

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient

```

```
</tsb-terse-transient>
<tsb-terse-fullpage>
  tsb-terse-fullpage
</tsb-terse-fullpage>
<tsb-allocs>
  tsb-allocs
</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
<task-memory-overall-report>
  <task-size-block-list>
    <task-size-block>
      <tsb-size>
        tsb-size
      </tsb-size>
      <tsb-terse-transient>
        tsb-terse-transient
      </tsb-terse-transient>
      <tsb-terse-fullpage>
        tsb-terse-fullpage
      </tsb-terse-fullpage>
      <tsb-allocs>
        tsb-allocs
      </tsb-allocs>
      <tsb-mallocs>
        tsb-mallocs
      </tsb-mallocs>
      <tsb-alloc-bytes>
        tsb-alloc-bytes
      </tsb-alloc-bytes>
      <tsb-max-allocs>
        tsb-max-allocs
      </tsb-max-allocs>
```



```

    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-size-block-list>

Usage

```

<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>

```

Description

<task-size-block-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-timer>

Usage

```

<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>

```

```
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
<task>
  <task-timer>
    <timer-name>
      timer-name
    </timer-name>
    <timer-late>
      timer-late
    </timer-late>
    <timer-expires>
      timer-expires
    </timer-expires>
    <timer-jitter>
      timer-jitter
    </timer-jitter>
    <timer-interval>
      timer-interval
    </timer-interval>
    <timer-flags>
      timer-flags
    </timer-flags>
  </task-timer>
</task>
</task-timer-information>
```

Description

<task-timer-information>

Usage

```
<task-timer-information>
<task>....</task>
</task-timer-information>
```

Description

<tracing-information>

Usage

```
<tracing-information>
<flags>
  flags
</flags>
<filename>
```

```

    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>

```

Description

Summary of ESW Response Tags

<age-statistics>

Usage

```

<age-statistics>
  <total-aging-message>
    total-aging-message
  </total-aging-message>
  <immediate-aging>
    immediate-aging
  </immediate-aging>
  <mac-address-seen>
    mac-address-seen
  </mac-address-seen>
  <mac-address-not-seen>
    mac-address-not-seen
  </mac-address-not-seen>
  <age-message-with-error>
    age-message-with-error
  </age-message-with-error>
  <age-message-with-invalid-vlan>
    age-message-with-invalid-vlan
  </age-message-with-invalid-vlan>
  <age-message-with-unfound-entry>
    age-message-with-unfound-entry
  </age-message-with-unfound-entry>
  <age-message-for-static-entry>
    age-message-for-static-entry
  </age-message-for-static-entry>
</age-statistics>

```

Description

<age-statistics>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-aging-stats>
    <age-statistics>
      <total-aging-message>
        total-aging-message
      </total-aging-message>
    </age-statistics>
  </ethernet-switching-aging-stats>
</ethernet-switching-stats-information>

```

```
</total-aging-message>
<immediate-aging>
  immediate-aging
</immediate-aging>
<mac-address-seen>
  mac-address-seen
</mac-address-seen>
<mac-address-not-seen>
  mac-address-not-seen
</mac-address-not-seen>
<age-message-with-error>
  age-message-with-error
</age-message-with-error>
<age-message-with-invalid-vlan>
  age-message-with-invalid-vlan
</age-message-with-invalid-vlan>
<age-message-with-unfound-entry>
  age-message-with-unfound-entry
</age-message-with-unfound-entry>
<age-message-for-static-entry>
  age-message-for-static-entry
</age-message-for-static-entry>
</age-statistics>
</ethernet-switching-aging-stats>
</ethernet-switching-stats-information>
```

Description

<analyzer>

Usage

```
<analyzer>
  <analyzer-information>....</analyzer-information>
</analyzer>
```

Description

<analyzer-egress-interface-list>

Usage

```
<analyzer-egress-interface-list>
  <analyzer-egress-interface-name>
    analyzer-egress-interface-name
  </analyzer-egress-interface-name>
</analyzer-egress-interface-list>
```

Description

<analyzer-egress-interface-list>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-egress-interface-list>
```

```

    <analyzer-egress-interface-name>
      analyzer-egress-interface-name
    </analyzer-egress-interface-name>
  </analyzer-egress-interface-list>
</analyzer-information>
</analyzer>

```

Description

<analyzer-egress-vlan-list>

Usage

```

<analyzer-egress-vlan-list>
  <analyzer-egress-vlan-name>
    analyzer-egress-vlan-name
  </analyzer-egress-vlan-name>
</analyzer-egress-vlan-list>

```

Description

<analyzer-egress-vlan-list>

Usage

```

<analyzer>
  <analyzer-information>
    <analyzer-egress-vlan-list>
      <analyzer-egress-vlan-name>
        analyzer-egress-vlan-name
      </analyzer-egress-vlan-name>
    </analyzer-egress-vlan-list>
  </analyzer-information>
</analyzer>

```

Description

<analyzer-information>

Usage

```

<analyzer>
  <analyzer-information>
    <analyzer-name>
      analyzer-name
    </analyzer-name>
    <analyzer-mirror-ratio>
      analyzer-mirror-ratio
    </analyzer-mirror-ratio>
    <analyzer-loss-priority>
      analyzer-loss-priority
    </analyzer-loss-priority>
    <analyzer-ingress-interface-list>....</analyzer-ingress-interface-list>
    <analyzer-egress-interface-list>....</analyzer-egress-interface-list>
    <analyzer-ingress-vlan-list>....</analyzer-ingress-vlan-list>
    <analyzer-egress-vlan-list>....</analyzer-egress-vlan-list>
    <analyzer-monitor>....</analyzer-monitor>
  </analyzer-information>
</analyzer>

```

```
</analyzer-information>
</analyzer>
```

Description

<analyzer-ingress-interface-list>

Usage

```
<analyzer-ingress-interface-list>
  <analyzer-ingress-interface-name>
    analyzer-ingress-interface-name
  </analyzer-ingress-interface-name>
</analyzer-ingress-interface-list>
```

Description

<analyzer-ingress-interface-list>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-ingress-interface-list>
      <analyzer-ingress-interface-name>
        analyzer-ingress-interface-name
      </analyzer-ingress-interface-name>
    </analyzer-ingress-interface-list>
  </analyzer-information>
</analyzer>
```

Description

<analyzer-ingress-vlan-list>

Usage

```
<analyzer-ingress-vlan-list>
  <analyzer-ingress-vlan-name>
    analyzer-ingress-vlan-name
  </analyzer-ingress-vlan-name>
</analyzer-ingress-vlan-list>
```

Description

<analyzer-ingress-vlan-list>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-ingress-vlan-list>
      <analyzer-ingress-vlan-name>
        analyzer-ingress-vlan-name
      </analyzer-ingress-vlan-name>
    </analyzer-ingress-vlan-list>
  </analyzer-information>
```

</analyzer>

Description

<analyzer-monitor>

Usage

```
<analyzer-monitor>
  <analyzer-monitor-port>
    analyzer-monitor-port
  </analyzer-monitor-port>
  <analyzer-monitor-vlan>
    analyzer-monitor-vlan
  </analyzer-monitor-vlan>
</analyzer-monitor>
```

Description

<analyzer-monitor>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-monitor>
      <analyzer-monitor-port>
        analyzer-monitor-port
      </analyzer-monitor-port>
      <analyzer-monitor-vlan>
        analyzer-monitor-vlan
      </analyzer-monitor-vlan>
    </analyzer-monitor>
  </analyzer-information>
</analyzer>
```

Description

<arp-inspection>

Usage

```
<arp-inspection>
  <arp-inspection-statistics>....</arp-inspection-statistics>
</arp-inspection>
```

Description

<arp-inspection-statistics>

Usage

```
<arp-inspection>
  <arp-inspection-statistics>
    <arp-inspection-statistics-entry>....</arp-inspection-statistics-entry>
  </arp-inspection-statistics>
```

```
</arp-inspection>
```

Description

<arp-inspection-statistics-entry>

Usage

```
<arp-inspection>
  <arp-inspection-statistics>
    <arp-inspection-statistics-entry>
      <arp-interface>
        arp-interface
      </arp-interface>
      <arp-packet-count>
        arp-packet-count
      </arp-packet-count>
      <arp-packet-pass>
        arp-packet-pass
      </arp-packet-pass>
      <arp-packet-fail>
        arp-packet-fail
      </arp-packet-fail>
    </arp-inspection-statistics-entry>
  </arp-inspection-statistics>
</arp-inspection>
```

Description

<cist-bridge-parameters>

Usage

```
<cist-bridge-parameters>
  <cist-id>
    cist-id
  </cist-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <regional-root-bridge>....</regional-root-bridge>
  <internal-root-cost>
    internal-root-cost
  </internal-root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
```



```

</forward-delay-learned>
<message-age>
  message-age
</message-age>
<hop-count>
  hop-count
</hop-count>
<time-since-last-topology-change>
  time-since-last-topology-change
</time-since-last-topology-change>
<topology-change-count>
  topology-change-count
</topology-change-count>
<topology-change-initiator>
  topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
  topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
  extended-system-id
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<maximum-hop-count-configured>
  maximum-hop-count-configured
</maximum-hop-count-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</cist-bridge-parameters>

```

Description STP bridge parameters for common and internal spanning tree

<cist-bridge-parameters>

Usage

```

<stp-bridge>
<cist-bridge-parameters>
  <cist-id>
    cist-id
  </cist-id>
  <root-bridge>....</root-bridge>

```

```
<root-port>
  root-port
</root-port>
<root-cost>
  root-cost
</root-cost>
<regional-root-bridge>....</regional-root-bridge>
<internal-root-cost>
  internal-root-cost
</internal-root-cost>
<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<message-age>
  message-age
</message-age>
<hop-count>
  hop-count
</hop-count>
<time-since-last-topology-change>
  time-since-last-topology-change
</time-since-last-topology-change>
<topology-change-count>
  topology-change-count
</topology-change-count>
<topology-change-initiator>
  topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
  topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
  extended-system-id
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<maximum-hop-count-configured>
  maximum-hop-count-configured
</maximum-hop-count-configured>
```

```

    <path-cost-method>
      path-cost-method
    </path-cost-method>
  </cist-bridge-parameters>
</stp-bridge>

```

Description STP bridge parameters for common and internal spanning tree

<customer-vlan-range>

Usage

```

<customer-vlan-range-list>
  <customer-vlan-range>
    <customer-vlan-range-start>
      customer-vlan-range-start
    </customer-vlan-range-start>
    <customer-vlan-range-end>
      customer-vlan-range-end
    </customer-vlan-range-end>
  </customer-vlan-range>
</customer-vlan-range-list>

```

Description

<customer-vlan-range>

Usage

```

<vlan>
  <customer-vlan-range-list>
    <customer-vlan-range>
      <customer-vlan-range-start>
        customer-vlan-range-start
      </customer-vlan-range-start>
      <customer-vlan-range-end>
        customer-vlan-range-end
      </customer-vlan-range-end>
    </customer-vlan-range>
  </customer-vlan-range-list>
</vlan>

```

Description

<customer-vlan-range>

Usage

```

<vlan-information>
  <vlan>
    <customer-vlan-range-list>
      <customer-vlan-range>
        <customer-vlan-range-start>
          customer-vlan-range-start
        </customer-vlan-range-start>
        <customer-vlan-range-end>

```

```
        customer-vlan-range-end
      </customer-vlan-range-end>
    </customer-vlan-range>
  </customer-vlan-range-list>
</vlan>
</vlan-information>
```

Description

<customer-vlan-range-list>

Usage

```
<customer-vlan-range-list>
  <customer-vlan-range>....</customer-vlan-range>
</customer-vlan-range-list>
```

Description

<customer-vlan-range-list>

Usage

```
<vlan>
  <customer-vlan-range-list>
    <customer-vlan-range>....</customer-vlan-range>
  </customer-vlan-range-list>
</vlan>
```

Description

<customer-vlan-range-list>

Usage

```
<vlan-information>
  <vlan>
    <customer-vlan-range-list>
      <customer-vlan-range>....</customer-vlan-range>
    </customer-vlan-range-list>
  </vlan>
</vlan-information>
```

Description

<dhcp-snooping>

Usage

```
<dhcp-snooping>
  <dhcp-snooping-information>....</dhcp-snooping-information>
  <dhcp-snooping-statistics>....</dhcp-snooping-statistics>
</dhcp-snooping>
```

Description

<dhcp-snooping-information>**Usage**

```

<dhcp-snooping>
  <dhcp-snooping-information>
    <dhcp-mac>
      dhcp-mac
    </dhcp-mac>
    <dhcp-ip>
      dhcp-ip
    </dhcp-ip>
    <dhcp-lease>
      dhcp-lease
    </dhcp-lease>
    <dhcp-type>
      dhcp-type
    </dhcp-type>
    <dhcp-vlan>
      dhcp-vlan
    </dhcp-vlan>
    <dhcp-interface>
      dhcp-interface
    </dhcp-interface>
  </dhcp-snooping-information>
</dhcp-snooping>

```

Description**<dhcp-snooping-statistics>****Usage**

```

<dhcp-snooping>
  <dhcp-snooping-statistics>
    <successful-transfers>
      successful-transfers
    </successful-transfers>
    <failed-transfers>
      failed-transfers
    </failed-transfers>
    <successful-reads>
      successful-reads
    </successful-reads>
    <failed-reads>
      failed-reads
    </failed-reads>
    <successful-writes>
      successful-writes
    </successful-writes>
    <failed-writes>
      failed-writes
    </failed-writes>
  </dhcp-snooping-statistics>
</dhcp-snooping>

```

Description**<ethernet-switching-aging-stats>****Usage**

```
<ethernet-switching-stats-information>
  <ethernet-switching-aging-stats>
    <age-statistics>....</age-statistics>
  </ethernet-switching-aging-stats>
</ethernet-switching-stats-information>
```

Description**<ethernet-switching-learning-stats>****Usage**

```
<ethernet-switching-learning-stats>
  <mac-stats-rcvd-total>
    mac-stats-rcvd-total
  </mac-stats-rcvd-total>
  <mac-stats-rcvd-local>
    mac-stats-rcvd-local
  </mac-stats-rcvd-local>
  <mac-stats-rcvd-transit>
    mac-stats-rcvd-transit
  </mac-stats-rcvd-transit>
  <mac-stats-error>
    mac-stats-error
  </mac-stats-error>
  <mac-stats-forced-update>
    mac-stats-forced-update
  </mac-stats-forced-update>
  <mac-statistics>....</mac-statistics>
</ethernet-switching-learning-stats>
```

Description**<ethernet-switching-learning-stats>****Usage**

```
<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>
    <mac-stats-rcvd-total>
      mac-stats-rcvd-total
    </mac-stats-rcvd-total>
    <mac-stats-rcvd-local>
      mac-stats-rcvd-local
    </mac-stats-rcvd-local>
    <mac-stats-rcvd-transit>
      mac-stats-rcvd-transit
    </mac-stats-rcvd-transit>
    <mac-stats-error>
      mac-stats-error
    </mac-stats-error>
    <mac-stats-forced-update>
```

```

        mac-stats-forced-update
      </mac-stats-forced-update>
    <mac-statistics>....</mac-statistics>
  </ethernet-switching-learning-stats>
</ethernet-switching-stats-information>

```

Description

<ethernet-switching-mac-notification-information>

Usage

```

<ethernet-switching-mac-notification-information>
  <mac-notification-status>
    mac-notification-status
  </mac-notification-status>
  <mac-notification-interval>
    mac-notification-interval
  </mac-notification-interval>
  <mac-notification-sent>
    mac-notification-sent
  </mac-notification-sent>
  <mac-notification-max-tablesize>
    mac-notification-max-tablesize
  </mac-notification-max-tablesize>
</ethernet-switching-mac-notification-information>

```

Description

<ethernet-switching-next-hop-information>

Usage

```

<ethernet-switching-next-hop-information>
  <nh-information>
    nh-information
  </nh-information>
  <ethernet-switching-next-hops>....</ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>

```

Description

<ethernet-switching-next-hops>

Usage

```

<ethernet-switching-next-hops>
  <nh-type>
    nh-type
  </nh-type>
  <direct-nh-index>
    direct-nh-index
  </direct-nh-index>
  <indirect-nh-index>
    indirect-nh-index
  </indirect-nh-index>
  <nh-index>

```

```
    nh-index
  </nh-index>
  <nh-8021q-tag>
    nh-8021q-tag
  </nh-8021q-tag>
  <nh-status>
    nh-status
  </nh-status>
  <nh-reference-count>
    nh-reference-count
  </nh-reference-count>
  <nh-flags>
    nh-flags
  </nh-flags>
  <nh-list-type>
    nh-list-type
  </nh-list-type>
  <nh-fdb-entry-count>
    nh-fdb-entry-count
  </nh-fdb-entry-count>
  <nh-tagged-interface-count>
    nh-tagged-interface-count
  </nh-tagged-interface-count>
  <nh-untagged-interface-count>
    nh-untagged-interface-count
  </nh-untagged-interface-count>
  <nh-fdb-count>
    nh-fdb-count
  </nh-fdb-count>
  <nh-hw-token>
    nh-hw-token
  </nh-hw-token>
  <nh-interface-list>....</nh-interface-list>
  <nh-detail-interface-list>....</nh-detail-interface-list>
  <nh-fdb-entry>....</nh-fdb-entry>
</ethernet-switching-next-hops>
```

Description

<ethernet-switching-next-hops>

Usage

```
<ethernet-switching-next-hop-information>
<ethernet-switching-next-hops>
  <nh-type>
    nh-type
  </nh-type>
  <direct-nh-index>
    direct-nh-index
  </direct-nh-index>
  <indirect-nh-index>
    indirect-nh-index
  </indirect-nh-index>
  <nh-index>
    nh-index
```



```

</nh-index>
<nh-8021q-tag>
  nh-8021q-tag
</nh-8021q-tag>
<nh-status>
  nh-status
</nh-status>
<nh-reference-count>
  nh-reference-count
</nh-reference-count>
<nh-flags>
  nh-flags
</nh-flags>
<nh-list-type>
  nh-list-type
</nh-list-type>
<nh-fdb-entry-count>
  nh-fdb-entry-count
</nh-fdb-entry-count>
<nh-tagged-interface-count>
  nh-tagged-interface-count
</nh-tagged-interface-count>
<nh-untagged-interface-count>
  nh-untagged-interface-count
</nh-untagged-interface-count>
<nh-fdb-count>
  nh-fdb-count
</nh-fdb-count>
<nh-hw-token>
  nh-hw-token
</nh-hw-token>
<nh-interface-list>....</nh-interface-list>
<nh-detail-interface-list>....</nh-detail-interface-list>
<nh-fdb-entry>....</nh-fdb-entry>
</ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>

```

Description

<ethernet-switching-stats-information>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>....</ethernet-switching-learning-stats>
  <ethernet-switching-aging-stats>....</ethernet-switching-aging-stats>
</ethernet-switching-stats-information>

```

Description

<ethernet-switching-table>

Usage

```

<ethernet-switching-table>
  <mac-table-name>

```

```
    mac-table-name
  </mac-table-name>
  <mac-table-count>
    mac-table-count
  </mac-table-count>
  <mac-table-learned>
    mac-table-learned
  </mac-table-learned>
  <mac-table-entry>....</mac-table-entry>
</ethernet-switching-table>
```

Description

<ethernet-switching-table>

Usage

```
<ethernet-switching-table-information>
  <ethernet-switching-table>
    <mac-table-name>
      mac-table-name
    </mac-table-name>
    <mac-table-count>
      mac-table-count
    </mac-table-count>
    <mac-table-learned>
      mac-table-learned
    </mac-table-learned>
    <mac-table-entry>....</mac-table-entry>
  </ethernet-switching-table>
</ethernet-switching-table-information>
```

Description

<ethernet-switching-table-information>

Usage

```
<ethernet-switching-table-information>
  <ethernet-switching-table>....</ethernet-switching-table>
</ethernet-switching-table-information>
```

Description

<fdb-log-entry>

Usage

```
<fdb-log-entry>
  <fdb-log-string>
    fdb-log-string
  </fdb-log-string>
</fdb-log-entry>
```

Description

<fdb-log-entry>**Usage**

```

<fdb-log-info>
  <fdb-log-entry>
    <fdb-log-string>
      fdb-log-string
    </fdb-log-string>
  </fdb-log-entry>
</fdb-log-info>

```

Description**<fdb-log-info>****Usage**

```

<fdb-log-info>
  <fdb-log-entry>....</fdb-log-entry>
</fdb-log-info>

```

Description**<fip-snooping-enode-entry>****Usage**

```

<fip-snooping-enode-entry>
  <enode-mac>
    enode-mac
  </enode-mac>
  <enode-vlan>
    enode-vlan
  </enode-vlan>
  <enode-configuration-timer>
    enode-configuration-timer
  </enode-configuration-timer>
  <enode-running-timer>
    enode-running-timer
  </enode-running-timer>
  <enode-interface>
    enode-interface
  </enode-interface>
  <fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>

```

Description**<fip-snooping-enode-entry>****Usage**

```

<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac

```

```
</enode-mac>
<enode-vlan>
  enode-vlan
</enode-vlan>
<enode-configuration-timer>
  enode-configuration-timer
</enode-configuration-timer>
<enode-running-timer>
  enode-running-timer
</enode-running-timer>
<enode-interface>
  enode-interface
</enode-interface>
<fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-vlan-entry>
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
    </enode-mac>
    <enode-vlan>
      enode-vlan
    </enode-vlan>
    <enode-configuration-timer>
      enode-configuration-timer
    </enode-configuration-timer>
    <enode-running-timer>
      enode-running-timer
    </enode-running-timer>
    <enode-interface>
      enode-interface
    </enode-interface>
    <fip-snooping-session-entry>....</fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-statistics>
<fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>
```

```

<enode-mac>
  enode-mac
</enode-mac>
<enode-vlan>
  enode-vlan
</enode-vlan>
<enode-configuration-timer>
  enode-configuration-timer
</enode-configuration-timer>
<enode-running-timer>
  enode-running-timer
</enode-running-timer>
<enode-interface>
  enode-interface
</enode-interface>
<fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>

```

Description

<fip-snooping-enode-entry>

Usage

```

<fip-snooping-enode-information>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
    </enode-mac>
    <enode-vlan>
      enode-vlan
    </enode-vlan>
    <enode-configuration-timer>
      enode-configuration-timer
    </enode-configuration-timer>
    <enode-running-timer>
      enode-running-timer
    </enode-running-timer>
    <enode-interface>
      enode-interface
    </enode-interface>
    <fip-snooping-session-entry>....</fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-enode-information>

```

Description

<fip-snooping-enode-entry>

Usage

```

<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>

```

```
<fip-snooping-enode-entry>
  <enode-mac>
    enode-mac
  </enode-mac>
  <enode-vlan>
    enode-vlan
  </enode-vlan>
  <enode-configuration-timer>
    enode-configuration-timer
  </enode-configuration-timer>
  <enode-running-timer>
    enode-running-timer
  </enode-running-timer>
  <enode-interface>
    enode-interface
  </enode-interface>
  <fip-snooping-session-entry>.....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-information>
<fip-snooping-vlan-entry>
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
    </enode-mac>
    <enode-vlan>
      enode-vlan
    </enode-vlan>
    <enode-configuration-timer>
      enode-configuration-timer
    </enode-configuration-timer>
    <enode-running-timer>
      enode-running-timer
    </enode-running-timer>
    <enode-interface>
      enode-interface
    </enode-interface>
    <fip-snooping-session-entry>.....</fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-enode-information>**Usage**

```

<fip-snooping-enode-information>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-enode-information>

```

Description**<fip-snooping-fcdsession-entry>****Usage**

```

<fip-snooping-fcdsession-entry>
  <fip-fcdsession-enode-mac>
    fip-fcdsession-enode-mac
  </fip-fcdsession-enode-mac>
  <fip-fcdsession-vnport-mac>
    fip-fcdsession-vnport-mac
  </fip-fcdsession-vnport-mac>
  <fip-fcdsession-classid>
    fip-fcdsession-classid
  </fip-fcdsession-classid>
</fip-snooping-fcdsession-entry>

```

Description**<fip-snooping-fcdsession-entry>****Usage**

```

<fip-snooping-fcdvlan-entry>
  <fip-snooping-fcdsession-entry>
    <fip-fcdsession-enode-mac>
      fip-fcdsession-enode-mac
    </fip-fcdsession-enode-mac>
    <fip-fcdsession-vnport-mac>
      fip-fcdsession-vnport-mac
    </fip-fcdsession-vnport-mac>
    <fip-fcdsession-classid>
      fip-fcdsession-classid
    </fip-fcdsession-classid>
  </fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>

```

Description**<fip-snooping-fcdsession-entry>****Usage**

```

<fip-snooping-fcdstate-information>
  <fip-snooping-fcdvlan-entry>
    <fip-snooping-fcdsession-entry>
      <fip-fcdsession-enode-mac>
        fip-fcdsession-enode-mac

```

```
</fip-fcdsession-enode-mac>
<fip-fcdsession-vnport-mac>
  fip-fcdsession-vnport-mac
</fip-fcdsession-vnport-mac>
<fip-fcdsession-classid>
  fip-fcdsession-classid
</fip-fcdsession-classid>
</fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>
```

Description

<fip-snooping-fcdstate-information>

Usage

```
<fip-snooping-fcdstate-information>
  <fip-snooping-fcdvlan-entry>....</fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>
```

Description

<fip-snooping-fcdvlan-entry>

Usage

```
<fip-snooping-fcdvlan-entry>
  <fip-fcdvlan-hw-token>
    fip-fcdvlan-hw-token
  </fip-fcdvlan-hw-token>
  <fip-fcdvlan-fc-map>
    fip-fcdvlan-fc-map
  </fip-fcdvlan-fc-map>
  <fip-fcdvlan-fcfmac>
    fip-fcdvlan-fcfmac
  </fip-fcdvlan-fcfmac>
  <fip-fcdvlan-applied>
    fip-fcdvlan-applied
  </fip-fcdvlan-applied>
  <fip-snooping-fcdsession-entry>....</fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>
```

Description

<fip-snooping-fcdvlan-entry>

Usage

```
<fip-snooping-fcdstate-information>
  <fip-snooping-fcdvlan-entry>
    <fip-fcdvlan-hw-token>
      fip-fcdvlan-hw-token
    </fip-fcdvlan-hw-token>
    <fip-fcdvlan-fc-map>
      fip-fcdvlan-fc-map
    </fip-fcdvlan-fc-map>
```



```

    <fip-fcdvlan-fcfmac>
      fip-fcdvlan-fcfmac
    </fip-fcdvlan-fcfmac>
    <fip-fcdvlan-applied>
      fip-fcdvlan-applied
    </fip-fcdvlan-applied>
    <fip-snooping-fcdsession-entry>....</fip-snooping-fcdsession-entry>
  </fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>

```

Description

<fip-snooping-fcf-entry>

Usage

```

<fip-snooping-fcf-entry>
  <fcf-mac>
    fcf-mac
  </fcf-mac>
  <fcf-vlan>
    fcf-vlan
  </fcf-vlan>
  <fcf-session>
    fcf-session
  </fcf-session>
  <fcf-configuration-timer>
    fcf-configuration-timer
  </fcf-configuration-timer>
  <fcf-running-timer>
    fcf-running-timer
  </fcf-running-timer>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>

```

Description

<fip-snooping-fcf-entry>

Usage

```

<fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
    <fcf-mac>
      fcf-mac
    </fcf-mac>
    <fcf-vlan>
      fcf-vlan
    </fcf-vlan>
    <fcf-session>
      fcf-session
    </fcf-session>
    <fcf-configuration-timer>
      fcf-configuration-timer
    </fcf-configuration-timer>
    <fcf-running-timer>

```

```
    fcf-running-timer
  </fcf-running-timer>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-fcf-entry>

Usage

```
<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fcf-mac>
        fcf-mac
      </fcf-mac>
      <fcf-vlan>
        fcf-vlan
      </fcf-vlan>
      <fcf-session>
        fcf-session
      </fcf-session>
      <fcf-configuration-timer>
        fcf-configuration-timer
      </fcf-configuration-timer>
      <fcf-running-timer>
        fcf-running-timer
      </fcf-running-timer>
      <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
    </fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-fcf-entry>

Usage

```
<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>
    <fcf-mac>
      fcf-mac
    </fcf-mac>
    <fcf-vlan>
      fcf-vlan
    </fcf-vlan>
    <fcf-session>
      fcf-session
    </fcf-session>
    <fcf-configuration-timer>
      fcf-configuration-timer
    </fcf-configuration-timer>
    <fcf-running-timer>
```

```

    fcf-running-timer
  </fcf-running-timer>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>

```

Description

<fip-snooping-fcf-entry>

Usage

```

<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fcf-mac>
        fcf-mac
      </fcf-mac>
      <fcf-vlan>
        fcf-vlan
      </fcf-vlan>
      <fcf-session>
        fcf-session
      </fcf-session>
      <fcf-configuration-timer>
        fcf-configuration-timer
      </fcf-configuration-timer>
      <fcf-running-timer>
        fcf-running-timer
      </fcf-running-timer>
    <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-information>

```

Description

<fip-snooping-fcf-information>

Usage

```

<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>

```

Description

<fip-snooping-information>

Usage

```

<fip-snooping-information>
  <fip-snooping-vlan-entry>....</fip-snooping-vlan-entry>
</fip-snooping-information>

```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-session-entry>
  <session-fcf-mac>
    session-fcf-mac
  </session-fcf-mac>
  <session-vnport-mac>
    session-vnport-mac
  </session-vnport-mac>
  <session-vnport-timer>
    session-vnport-timer
  </session-vnport-timer>
</fip-snooping-session-entry>
```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-enode-entry>
  <fip-snooping-session-entry>
    <session-fcf-mac>
      session-fcf-mac
    </session-fcf-mac>
    <session-vnport-mac>
      session-vnport-mac
    </session-vnport-mac>
    <session-vnport-timer>
      session-vnport-timer
    </session-vnport-timer>
  </fip-snooping-session-entry>
</fip-snooping-enode-entry>
```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <fip-snooping-session-entry>
      <session-fcf-mac>
        session-fcf-mac
      </session-fcf-mac>
      <session-vnport-mac>
        session-vnport-mac
      </session-vnport-mac>
      <session-vnport-timer>
        session-vnport-timer
      </session-vnport-timer>
    </fip-snooping-session-entry>
  </fip-snooping-enode-entry>
```

```
</fip-snooping-fcf-entry>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>
      <fip-snooping-session-entry>
        <session-fcf-mac>
          session-fcf-mac
        </session-fcf-mac>
        <session-vnport-mac>
          session-vnport-mac
        </session-vnport-mac>
        <session-vnport-timer>
          session-vnport-timer
        </session-vnport-timer>
      </fip-snooping-session-entry>
    </fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fip-snooping-enode-entry>
        <fip-snooping-session-entry>
          <session-fcf-mac>
            session-fcf-mac
          </session-fcf-mac>
          <session-vnport-mac>
            session-vnport-mac
          </session-vnport-mac>
          <session-vnport-timer>
            session-vnport-timer
          </session-vnport-timer>
        </fip-snooping-session-entry>
      </fip-snooping-enode-entry>
    </fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-enode-information>
  <fip-snooping-enode-entry>
    <fip-snooping-session-entry>
      <session-fcf-mac>
        session-fcf-mac
      </session-fcf-mac>
      <session-vnport-mac>
        session-vnport-mac
      </session-vnport-mac>
      <session-vnport-timer>
        session-vnport-timer
      </session-vnport-timer>
    </fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-enode-information>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>
      <fip-snooping-session-entry>
        <session-fcf-mac>
          session-fcf-mac
        </session-fcf-mac>
        <session-vnport-mac>
          session-vnport-mac
        </session-vnport-mac>
        <session-vnport-timer>
          session-vnport-timer
        </session-vnport-timer>
      </fip-snooping-session-entry>
    </fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-fcf-information>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fip-snooping-enode-entry>
        <fip-snooping-session-entry>
          <session-fcf-mac>
            session-fcf-mac
          </session-fcf-mac>
        </fip-snooping-session-entry>
      </fip-snooping-enode-entry>
    </fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-information>
```

```

</session-fcf-mac>
<session-vnport-mac>
  session-vnport-mac
</session-vnport-mac>
<session-vnport-timer>
  session-vnport-timer
</session-vnport-timer>
</fip-snooping-session-entry>
</fip-snooping-encode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-information>

```

Description

<fip-snooping-statistics>

Usage

```

<fip-snooping-statistics>
  <fip-snooping-vlan-entry>....</fip-snooping-vlan-entry>
</fip-snooping-statistics>

```

Description

<fip-snooping-vlan-entry>

Usage

```

<fip-snooping-vlan-entry>
  <fip-vlan-name>
    fip-vlan-name
  </fip-vlan-name>
  <fip-vlan-fc-map>
    fip-vlan-fc-map
  </fip-vlan-fc-map>
  <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
  <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>

```

Description

<fip-snooping-vlan-entry>

Usage

```

<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-vlan-name>
      fip-vlan-name
    </fip-vlan-name>
    <fip-vlan-fc-map>
      fip-vlan-fc-map
    </fip-vlan-fc-map>
    <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
    <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>

```

</fip-snooping-statistics>

Description

<fip-snooping-vlan-entry>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-vlan-name>
      fip-vlan-name
    </fip-vlan-name>
    <fip-vlan-fc-map>
      fip-vlan-fc-map
    </fip-vlan-fc-map>
    <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
    <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-vlan-statistics>

Usage

```
<fip-snooping-vlan-statistics>
  <fcf-mds-count>
    fcf-mds-count
  </fcf-mds-count>
  <fcf-uda-count>
    fcf-uda-count
  </fcf-uda-count>
  <fcf-flogi-acc-count>
    fcf-flogi-acc-count
  </fcf-flogi-acc-count>
  <fcf-flogi-rjt-count>
    fcf-flogi-rjt-count
  </fcf-flogi-rjt-count>
  <fcf-fdisc-acc-count>
    fcf-fdisc-acc-count
  </fcf-fdisc-acc-count>
  <fcf-fdisc-rjt-count>
    fcf-fdisc-rjt-count
  </fcf-fdisc-rjt-count>
  <fcf-logo-acc-count>
    fcf-logo-acc-count
  </fcf-logo-acc-count>
  <fcf-logo-rjt-count>
    fcf-logo-rjt-count
  </fcf-logo-rjt-count>
  <fcf-cvl-count>
    fcf-cvl-count
  </fcf-cvl-count>
  <enode-mds-count>
```



```

    enode-mds-count
  </enode-mds-count>
  <enode-uds-count>
    enode-uds-count
  </enode-uds-count>
  <enode-flogi-count>
    enode-flogi-count
  </enode-flogi-count>
  <enode-fdisc-count>
    enode-fdisc-count
  </enode-fdisc-count>
  <enode-logo-count>
    enode-logo-count
  </enode-logo-count>
  <enode-ka-count>
    enode-ka-count
  </enode-ka-count>
  <enode-vnport-ka-count>
    enode-vnport-ka-count
  </enode-vnport-ka-count>
</fip-snooping-vlan-statistics>

```

Description

<fip-snooping-vlan-statistics>

Usage

```

<fip-snooping-vlan-entry>
  <fip-snooping-vlan-statistics>
    <fcf-mda-count>
      fcf-mda-count
    </fcf-mda-count>
    <fcf-uda-count>
      fcf-uda-count
    </fcf-uda-count>
    <fcf-flogi-acc-count>
      fcf-flogi-acc-count
    </fcf-flogi-acc-count>
    <fcf-flogi-rjt-count>
      fcf-flogi-rjt-count
    </fcf-flogi-rjt-count>
    <fcf-fdisc-acc-count>
      fcf-fdisc-acc-count
    </fcf-fdisc-acc-count>
    <fcf-fdisc-rjt-count>
      fcf-fdisc-rjt-count
    </fcf-fdisc-rjt-count>
    <fcf-logo-acc-count>
      fcf-logo-acc-count
    </fcf-logo-acc-count>
    <fcf-logo-rjt-count>
      fcf-logo-rjt-count
    </fcf-logo-rjt-count>
    <fcf-cvl-count>
      fcf-cvl-count
    </fcf-cvl-count>
  </fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>

```

```
</fcf-cvl-count>
<enode-mds-count>
  enode-mds-count
</enode-mds-count>
<enode-uds-count>
  enode-uds-count
</enode-uds-count>
<enode-flogi-count>
  enode-flogi-count
</enode-flogi-count>
<enode-fdisc-count>
  enode-fdisc-count
</enode-fdisc-count>
<enode-logo-count>
  enode-logo-count
</enode-logo-count>
<enode-ka-count>
  enode-ka-count
</enode-ka-count>
<enode-vnport-ka-count>
  enode-vnport-ka-count
</enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-vlan-statistics>

Usage

```
<fip-snooping-statistics>
<fip-snooping-vlan-entry>
  <fip-snooping-vlan-statistics>
    <fcf-mds-count>
      fcf-mds-count
    </fcf-mds-count>
    <fcf-uda-count>
      fcf-uda-count
    </fcf-uda-count>
    <fcf-flogi-acc-count>
      fcf-flogi-acc-count
    </fcf-flogi-acc-count>
    <fcf-flogi-rjt-count>
      fcf-flogi-rjt-count
    </fcf-flogi-rjt-count>
    <fcf-fdisc-acc-count>
      fcf-fdisc-acc-count
    </fcf-fdisc-acc-count>
    <fcf-fdisc-rjt-count>
      fcf-fdisc-rjt-count
    </fcf-fdisc-rjt-count>
    <fcf-logo-acc-count>
      fcf-logo-acc-count
    </fcf-logo-acc-count>
    <fcf-logo-rjt-count>
```

```

    fcf-logo-rjt-count
  </fcf-logo-rjt-count>
  <fcf-cvl-count>
    fcf-cvl-count
  </fcf-cvl-count>
  <enode-mds-count>
    enode-mds-count
  </enode-mds-count>
  <enode-uds-count>
    enode-uds-count
  </enode-uds-count>
  <enode-flogi-count>
    enode-flogi-count
  </enode-flogi-count>
  <enode-fdisc-count>
    enode-fdisc-count
  </enode-fdisc-count>
  <enode-logo-count>
    enode-logo-count
  </enode-logo-count>
  <enode-ka-count>
    enode-ka-count
  </enode-ka-count>
  <enode-vnport-ka-count>
    enode-vnport-ka-count
  </enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>

```

Description

<fip-snooping-vlan-statistics>

Usage

```

<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-vlan-statistics>
      <fcf-mds-count>
        fcf-mds-count
      </fcf-mds-count>
      <fcf-uda-count>
        fcf-uda-count
      </fcf-uda-count>
      <fcf-flogi-acc-count>
        fcf-flogi-acc-count
      </fcf-flogi-acc-count>
      <fcf-flogi-rjt-count>
        fcf-flogi-rjt-count
      </fcf-flogi-rjt-count>
      <fcf-fdisc-acc-count>
        fcf-fdisc-acc-count
      </fcf-fdisc-acc-count>
      <fcf-fdisc-rjt-count>
        fcf-fdisc-rjt-count
    </fip-snooping-vlan-statistics>
  </fip-snooping-vlan-entry>
</fip-snooping-information>

```

```
</fcf-fdisc-rjt-count>
<fcf-logo-acc-count>
  fcf-logo-acc-count
</fcf-logo-acc-count>
<fcf-logo-rjt-count>
  fcf-logo-rjt-count
</fcf-logo-rjt-count>
<fcf-cvl-count>
  fcf-cvl-count
</fcf-cvl-count>
<enode-mds-count>
  enode-mds-count
</enode-mds-count>
<enode-uds-count>
  enode-uds-count
</enode-uds-count>
<enode-flogi-count>
  enode-flogi-count
</enode-flogi-count>
<enode-fdisc-count>
  enode-fdisc-count
</enode-fdisc-count>
<enode-logo-count>
  enode-logo-count
</enode-logo-count>
<enode-ka-count>
  enode-ka-count
</enode-ka-count>
<enode-vnport-ka-count>
  enode-vnport-ka-count
</enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-vlandiscovery-enode>

Usage

```
<fip-snooping-vlandiscovery-enode>
  <enode-mac>
    enode-mac
  </enode-mac>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <num-vlans>
    num-vlans
  </num-vlans>
  <fcdref-count>
    fcdref-count
  </fcdref-count>
  <unsolicited-notification-count>
    unsolicited-notification-count
```

```

</unsolicited-notification-count>
<notification-count>
  notification-count
</notification-count>
<request-count>
  request-count
</request-count>
<vlan-list>
  vlan-list
</vlan-list>
</fip-snooping-vlandiscovery-enode>

```

Description

<fip-snooping-vlandiscovery-enode>

Usage

```

<fip-snooping-vlandiscovery-enodes>
<fip-snooping-vlandiscovery-enode>
  <enode-mac>
    enode-mac
  </enode-mac>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <num-vlans>
    num-vlans
  </num-vlans>
  <fcdref-count>
    fcdref-count
  </fcdref-count>
  <unsolicited-notification-count>
    unsolicited-notification-count
  </unsolicited-notification-count>
  <notification-count>
    notification-count
  </notification-count>
  <request-count>
    request-count
  </request-count>
  <vlan-list>
    vlan-list
  </vlan-list>
</fip-snooping-vlandiscovery-enode>
</fip-snooping-vlandiscovery-enodes>

```

Description

<fip-snooping-vlandiscovery-enodes>

Usage

```

<fip-snooping-vlandiscovery-enodes>
  <fip-snooping-vlandiscovery-enode>....</fip-snooping-vlandiscovery-enode>

```

</fip-snooping-vlandiscovery-enodes>

Description Information about VLAN discovery Enodes information

<fip-snooping-vlandiscovery-interface>

Usage

```
<fip-snooping-vlandiscovery-interface>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <enode-count>
    enode-count
  </enode-count>
  <enode-list>
    enode-list
  </enode-list>
</fip-snooping-vlandiscovery-interface>
```

Description

<fip-snooping-vlandiscovery-interface>

Usage

```
<fip-snooping-vlandiscovery-interfaces>
  <fip-snooping-vlandiscovery-interface>
    <fip-snooping-vlandiscovery-interface-name>
      fip-snooping-vlandiscovery-interface-name
    </fip-snooping-vlandiscovery-interface-name>
    <enode-count>
      enode-count
    </enode-count>
    <enode-list>
      enode-list
    </enode-list>
  </fip-snooping-vlandiscovery-interface>
</fip-snooping-vlandiscovery-interfaces>
```

Description

<fip-snooping-vlandiscovery-interfaces>

Usage

```
<fip-snooping-vlandiscovery-interfaces>
  <fip-snooping-vlandiscovery-interface>....</fip-snooping-vlandiscovery-interface>
</fip-snooping-vlandiscovery-interfaces>
```

Description Information about VLAN discovery interfaces information

<fip-snooping-vlandiscovery-statistics>

Usage

```

<fip-snooping-vlandiscovery-statistics>
  <request-count>
    request-count
  </request-count>
  <notification-count>
    notification-count
  </notification-count>
  <unsolicited-notification-count>
    unsolicited-notification-count
  </unsolicited-notification-count>
</fip-snooping-vlandiscovery-statistics>

```

Description

<fip-snooping-vlandiscovery-statistics>

Usage

```

<fip-snooping-vlandiscovery-statistics-information>
  <fip-snooping-vlandiscovery-statistics>
    <request-count>
      request-count
    </request-count>
    <notification-count>
      notification-count
    </notification-count>
    <unsolicited-notification-count>
      unsolicited-notification-count
    </unsolicited-notification-count>
  </fip-snooping-vlandiscovery-statistics>
</fip-snooping-vlandiscovery-statistics-information>

```

Description

<fip-snooping-vlandiscovery-statistics-information>

Usage

```

<fip-snooping-vlandiscovery-statistics-information>
  <fip-snooping-vlandiscovery-statistics>....</fip-snooping-vlandiscovery-statistics>

</fip-snooping-vlandiscovery-statistics-information>

```

Description

<gvrp>

Usage

```

<gvrp>
  <gvrp-timers>....</gvrp-timers>
  <gvrp-information>....</gvrp-information>
  <gvrp-statistics>....</gvrp-statistics>

```

</gvrp>

Description

<gvrp-information>

Usage

```
<gvrp>
  <gvrp-information>
    <gvrp-status>
      gvrp-status
    </gvrp-status>
    <gvrp-dynamic-vlan>
      gvrp-dynamic-vlan
    </gvrp-dynamic-vlan>
    <gvrp-maximum-vlan>
      gvrp-maximum-vlan
    </gvrp-maximum-vlan>
    <gvrp-join-timer>
      gvrp-join-timer
    </gvrp-join-timer>
    <gvrp-leave-timer>
      gvrp-leave-timer
    </gvrp-leave-timer>
    <gvrp-leaveall-timer>
      gvrp-leaveall-timer
    </gvrp-leaveall-timer>
    <gvrp-interface-information>....</gvrp-interface-information>
  </gvrp-information>
</gvrp>
```

Description

<gvrp-interface-information>

Usage

```
<gvrp>
  <gvrp-information>
    <gvrp-interface-information>
      <gvrp-interface-name>
        gvrp-interface-name
      </gvrp-interface-name>
      <gvrp-interface-status>
        gvrp-interface-status
      </gvrp-interface-status>
    </gvrp-interface-information>
  </gvrp-information>
</gvrp>
```

Description

<gvrp-statistics>**Usage**

```

<gvrp>
  <gvrp-statistics>
    <join-empty-received>
      join-empty-received
    </join-empty-received>
    <join-in-received>
      join-in-received
    </join-in-received>
    <empty-received>
      empty-received
    </empty-received>
    <leave-in-received>
      leave-in-received
    </leave-in-received>
    <leave-empty-received>
      leave-empty-received
    </leave-empty-received>
    <leave-all-received>
      leave-all-received
    </leave-all-received>
    <join-empty-transmit>
      join-empty-transmit
    </join-empty-transmit>
    <join-in-transmit>
      join-in-transmit
    </join-in-transmit>
    <empty-transmit>
      empty-transmit
    </empty-transmit>
    <leave-in-transmit>
      leave-in-transmit
    </leave-in-transmit>
    <leave-empty-transmit>
      leave-empty-transmit
    </leave-empty-transmit>
    <leave-all-transmit>
      leave-all-transmit
    </leave-all-transmit>
  </gvrp-statistics>
</gvrp>

```

Description**<gvrp-timers>****Usage**

```

<gvrp>
  <gvrp-timers>
    <join-timer>
      join-timer
    </join-timer>
    <leave-timer>

```

```
    leave-timer
  </leave-timer>
  <leaveall-timer>
    leaveall-timer
  </leaveall-timer>
</gvrp-timers>
</gvrp>
```

Description

<interface>

Usage

```
<interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-id>
    interface-id
  </interface-id>
  <interface-port-mode>
    interface-port-mode
  </interface-port-mode>
  <interface-mac-count>
    interface-mac-count
  </interface-mac-count>
  <interface-native-vlan-name>
    interface-native-vlan-name
  </interface-native-vlan-name>
  <interface-mac-learning-mode>
    interface-mac-learning-mode
  </interface-mac-learning-mode>
  <interface-reflective-relay-mode>
    interface-reflective-relay-mode
  </interface-reflective-relay-mode>
  <interface-error>
    interface-error
  </interface-error>
  <interface-ether-type>
    interface-ether-type
  </interface-ether-type>
  <interface-vlan-member-list>....</interface-vlan-member-list>
  <interface-state>
    interface-state
  </interface-state>
</interface>
```

Description

<interface>

Usage

```
<switching-interface-information>
  <interface>
```

```

<interface-name>
  interface-name
</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-port-mode>
  interface-port-mode
</interface-port-mode>
<interface-mac-count>
  interface-mac-count
</interface-mac-count>
<interface-native-vlan-name>
  interface-native-vlan-name
</interface-native-vlan-name>
<interface-mac-learning-mode>
  interface-mac-learning-mode
</interface-mac-learning-mode>
<interface-reflective-relay-mode>
  interface-reflective-relay-mode
</interface-reflective-relay-mode>
<interface-error>
  interface-error
</interface-error>
<interface-ether-type>
  interface-ether-type
</interface-ether-type>
<interface-vlan-member-list>....</interface-vlan-member-list>
<interface-state>
  interface-state
</interface-state>
</interface>
</switching-interface-information>

```

Description

<interface-vlan-member>

Usage

```

<interface>
<interface-vlan-member-list>
  <interface-vlan-member>
    <interface-vlan-name>
      interface-vlan-name
    </interface-vlan-name>
    <interface-vlan-dot1q-tunneling>
      interface-vlan-dot1q-tunneling
    </interface-vlan-dot1q-tunneling>
    <interface-mapping-operation>
      interface-mapping-operation
    </interface-mapping-operation>
    <interface-mapping-tag>
      interface-mapping-tag
    </interface-mapping-tag>
    <interface-vlan-member-tagness>

```

```
    interface-vlan-member-tagness
  </interface-vlan-member-tagness>
  <interface-vlan-member-tagid>
    interface-vlan-member-tagid
  </interface-vlan-member-tagid>
  <interface-vlan-mac>
    interface-vlan-mac
  </interface-vlan-mac>
  <interface-msti-id>
    interface-msti-id
  </interface-msti-id>
  <blocking-status>
    blocking-status
  </blocking-status>
  <port-error-disable-time>
    port-error-disable-time
  </port-error-disable-time>
</interface-vlan-member>
</interface-vlan-member-list>
</interface>
```

Description

<interface-vlan-member>

Usage

```
<switching-interface-information>
  <interface>
    <interface-vlan-member-list>
      <interface-vlan-member>
        <interface-vlan-name>
          interface-vlan-name
        </interface-vlan-name>
        <interface-vlan-dot1q-tunneling>
          interface-vlan-dot1q-tunneling
        </interface-vlan-dot1q-tunneling>
        <interface-mapping-operation>
          interface-mapping-operation
        </interface-mapping-operation>
        <interface-mapping-tag>
          interface-mapping-tag
        </interface-mapping-tag>
        <interface-vlan-member-tagness>
          interface-vlan-member-tagness
        </interface-vlan-member-tagness>
        <interface-vlan-member-tagid>
          interface-vlan-member-tagid
        </interface-vlan-member-tagid>
        <interface-vlan-mac>
          interface-vlan-mac
        </interface-vlan-mac>
        <interface-msti-id>
          interface-msti-id
        </interface-msti-id>
        <blocking-status>
```

```

        blocking-status
      </blocking-status>
      <port-error-disable-time>
        port-error-disable-time
      </port-error-disable-time>
    </interface-vlan-member>
  </interface-vlan-member-list>
</interface>
</switching-interface-information>

```

Description

<interface-vlan-member-list>

Usage

```

<interface>
  <interface-vlan-member-list>
    <interface-protocol-mode>
      interface-protocol-mode
    </interface-protocol-mode>
    <interface-vlan-member>....</interface-vlan-member>
  </interface-vlan-member-list>
</interface>

```

Description

<interface-vlan-member-list>

Usage

```

<switching-interface-information>
  <interface>
    <interface-vlan-member-list>
      <interface-protocol-mode>
        interface-protocol-mode
      </interface-protocol-mode>
      <interface-vlan-member>....</interface-vlan-member>
    </interface-vlan-member-list>
  </interface>
</switching-interface-information>

```

Description

<ip-source-guard>

Usage

```

<ip-source-guard>
  <ip-source-guard-information>....</ip-source-guard-information>
</ip-source-guard>

```

Description

<ip-source-guard-information>

Usage

```
<ip-source-guard>
  <ip-source-guard-information>
    <ipsg-vlan>
      ipsg-vlan
    </ipsg-vlan>
    <ipsg-vlan-tag>
      ipsg-vlan-tag
    </ipsg-vlan-tag>
    <ipsg-interface>
      ipsg-interface
    </ipsg-interface>
    <ipsg-mac>
      ipsg-mac
    </ipsg-mac>
    <ipsg-ip>
      ipsg-ip
    </ipsg-ip>
  </ip-source-guard-information>
</ip-source-guard>
```

Description

<l3-nexthop>

Usage

```
<l3-nexthop>
  <l3-nexthop-index>
    l3-nexthop-index
  </l3-nexthop-index>
  <l3nh-interface>
    l3nh-interface
  </l3nh-interface>
  <l3nh-mac>
    l3nh-mac
  </l3nh-mac>
  <l3nh-l2nh>
    l3nh-l2nh
  </l3nh-l2nh>
</l3-nexthop>
```

Description

<l3-nexthop>

Usage

```
<l3-nexthop-information>
  <l3-nexthop>
    <l3-nexthop-index>
      l3-nexthop-index
    </l3-nexthop-index>
    <l3nh-interface>
```

```

    l3nh-interface
  </l3nh-interface>
  <l3nh-mac>
    l3nh-mac
  </l3nh-mac>
  <l3nh-l2nh>
    l3nh-l2nh
  </l3nh-l2nh>
  </l3-nexthop>
</l3-nexthop-information>

```

Description

<l3-nexthop-information>

Usage

```

<l3-nexthop-information>
<l3-nexthop>....</l3-nexthop>
</l3-nexthop-information>

```

Description

<layer2-protocol-tunneling-interface-entry>

Usage

```

<layer2-protocol-tunneling-interface-information>
<layer2-protocol-tunneling-interface-entry>
  <l2pt-interface>
    l2pt-interface
  </l2pt-interface>
  <l2pt-operation>
    l2pt-operation
  </l2pt-operation>
  <l2pt-state>
    l2pt-state
  </l2pt-state>
  <l2pt-state-description>
    l2pt-state-description
  </l2pt-state-description>
</layer2-protocol-tunneling-interface-entry>
</layer2-protocol-tunneling-interface-information>

```

Description

<layer2-protocol-tunneling-interface-information>

Usage

```

<layer2-protocol-tunneling-interface-information>

<layer2-protocol-tunneling-interface-entry>....</layer2-protocol-tunneling-interface-entry>

</layer2-protocol-tunneling-interface-information>

```

Description**<layer2-protocol-tunneling-statistics-entry>****Usage**

```
<layer2-protocol-tunneling-statistics-information>
  <layer2-protocol-tunneling-statistics-entry>
    <l2pt-statistics-vlan>
      l2pt-statistics-vlan
    </l2pt-statistics-vlan>
    <l2pt-statistics-interface>
      l2pt-statistics-interface
    </l2pt-statistics-interface>
    <l2pt-statistics-protocol>
      l2pt-statistics-protocol
    </l2pt-statistics-protocol>
    <l2pt-statistics-operation>
      l2pt-statistics-operation
    </l2pt-statistics-operation>
    <l2pt-statistics-packets>
      l2pt-statistics-packets
    </l2pt-statistics-packets>
    <l2pt-statistics-drops>
      l2pt-statistics-drops
    </l2pt-statistics-drops>
    <l2pt-statistics-shutdowns>
      l2pt-statistics-shutdowns
    </l2pt-statistics-shutdowns>
  </layer2-protocol-tunneling-statistics-entry>
</layer2-protocol-tunneling-statistics-information>
```

Description**<layer2-protocol-tunneling-statistics-information>****Usage**

```
<layer2-protocol-tunneling-statistics-information>

<layer2-protocol-tunneling-statistics-entry>....</layer2-protocol-tunneling-statistics-entry>

</layer2-protocol-tunneling-statistics-information>
```

Description**<layer2-protocol-tunneling-vlan-entry>****Usage**

```
<layer2-protocol-tunneling-vlan-information>
  <layer2-protocol-tunneling-vlan-entry>
    <l2pt-vlan>
      l2pt-vlan
    </l2pt-vlan>
    <l2pt-protocol>
      l2pt-protocol
    </l2pt-protocol>
```



```
<l2pt-drop-threshold>
  l2pt-drop-threshold
</l2pt-drop-threshold>
<l2pt-shutdown-threshold>
  l2pt-shutdown-threshold
</l2pt-shutdown-threshold>
</layer2-protocol-tunneling-vlan-entry>
</layer2-protocol-tunneling-vlan-information>
```

Description

<layer2-protocol-tunneling-vlan-information>

Usage

```
<layer2-protocol-tunneling-vlan-information>
  <layer2-protocol-tunneling-vlan-entry>....</layer2-protocol-tunneling-vlan-entry>

</layer2-protocol-tunneling-vlan-information>
```

Description

<mac-based-vlan-member-list>

Usage

```
<mac-based-vlan-member-list>
  <mac-based-vlan-member>
    mac-based-vlan-member
  </mac-based-vlan-member>
</mac-based-vlan-member-list>
```

Description

<mac-based-vlan-member-list>

Usage

```
<vlan>
  <vlan-detail>
    <mac-based-vlan-member-list>
      <mac-based-vlan-member>
        mac-based-vlan-member
      </mac-based-vlan-member>
    </mac-based-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description

<mac-based-vlan-member-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
```

```
<mac-based-vlan-member-list>
  <mac-based-vlan-member>
    mac-based-vlan-member
  </mac-based-vlan-member>
</mac-based-vlan-member-list>
</vlan-detail>
</vlan>
</vlan-information>
```

Description

<mac-interfaces-list>

Usage

```
<mac-interfaces-list>
  <mac-interfaces>
    mac-interfaces
  </mac-interfaces>
  <mac-tags>
    mac-tags
  </mac-tags>
</mac-interfaces-list>
```

Description

<mac-interfaces-list>

Usage

```
<mac-table-entry>
  <mac-interfaces-list>
    <mac-interfaces>
      mac-interfaces
    </mac-interfaces>
    <mac-tags>
      mac-tags
    </mac-tags>
  </mac-interfaces-list>
</mac-table-entry>
```

Description

<mac-interfaces-list>

Usage

```
<ethernet-switching-table>
  <mac-table-entry>
    <mac-interfaces-list>
      <mac-interfaces>
        mac-interfaces
      </mac-interfaces>
      <mac-tags>
        mac-tags
      </mac-tags>
    </mac-interfaces-list>
```

```

    </mac-table-entry>
  </ethernet-switching-table>

```

Description

<mac-interfaces-list>

Usage

```

<ethernet-switching-table-information>
  <ethernet-switching-table>
    <mac-table-entry>
      <mac-interfaces-list>
        <mac-interfaces>
          mac-interfaces
        </mac-interfaces>
        <mac-tags>
          mac-tags
        </mac-tags>
      </mac-interfaces-list>
    </mac-table-entry>
  </ethernet-switching-table>
</ethernet-switching-table-information>

```

Description

<mac-statistics>

Usage

```

<mac-statistics>
  <learning-interface>
    learning-interface
  </learning-interface>
  <received-local>
    received-local
  </received-local>
  <received-transit>
    received-transit
  </received-transit>
  <received-error>
    received-error
  </received-error>
  <invalid-vlan>
    invalid-vlan
  </invalid-vlan>
  <invalid-mac>
    invalid-mac
  </invalid-mac>
  <security-violation>
    security-violation
  </security-violation>
  <interface-down>
    interface-down
  </interface-down>
  <not-member>

```

```
    not-member
  </not-member>
  <interface-limit-exceeded>
    interface-limit-exceeded
  </interface-limit-exceeded>
  <mac-move-limit-exceeded>
    mac-move-limit-exceeded
  </mac-move-limit-exceeded>
  <vlan-limit-exceeded>
    vlan-limit-exceeded
  </vlan-limit-exceeded>
  <invalid-vlan-index>
    invalid-vlan-index
  </invalid-vlan-index>
  <interface-not-learning>
    interface-not-learning
  </interface-not-learning>
  <no-nexthop>
    no-nexthop
  </no-nexthop>
  <interface-no-learning>
    interface-no-learning
  </interface-no-learning>
  <others>
    others
  </others>
</mac-statistics>
```

Description MAC learning statistics

<mac-statistics>

Usage

```
<ethernet-switching-learning-stats>
  <mac-statistics>
    <learning-interface>
      learning-interface
    </learning-interface>
    <received-local>
      received-local
    </received-local>
    <received-transit>
      received-transit
    </received-transit>
    <received-error>
      received-error
    </received-error>
    <invalid-vlan>
      invalid-vlan
    </invalid-vlan>
    <invalid-mac>
      invalid-mac
    </invalid-mac>
    <security-violation>
```

```

    security-violation
  </security-violation>
  <interface-down>
    interface-down
  </interface-down>
  <not-member>
    not-member
  </not-member>
  <interface-limit-exceeded>
    interface-limit-exceeded
  </interface-limit-exceeded>
  <mac-move-limit-exceeded>
    mac-move-limit-exceeded
  </mac-move-limit-exceeded>
  <vlan-limit-exceeded>
    vlan-limit-exceeded
  </vlan-limit-exceeded>
  <invalid-vlan-index>
    invalid-vlan-index
  </invalid-vlan-index>
  <interface-not-learning>
    interface-not-learning
  </interface-not-learning>
  <no-nexthop>
    no-nexthop
  </no-nexthop>
  <interface-no-learning>
    interface-no-learning
  </interface-no-learning>
  <others>
    others
  </others>
</mac-statistics>
</ethernet-switching-learning-stats>

```

Description MAC learning statistics

<mac-statistics>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>
    <mac-statistics>
      <learning-interface>
        learning-interface
      </learning-interface>
      <received-local>
        received-local
      </received-local>
      <received-transit>
        received-transit
      </received-transit>
      <received-error>
        received-error
    </mac-statistics>
  </ethernet-switching-learning-stats>
</ethernet-switching-stats-information>

```

```
</received-error>
<invalid-vlan>
  invalid-vlan
</invalid-vlan>
<invalid-mac>
  invalid-mac
</invalid-mac>
<security-violation>
  security-violation
</security-violation>
<interface-down>
  interface-down
</interface-down>
<not-member>
  not-member
</not-member>
<interface-limit-exceeded>
  interface-limit-exceeded
</interface-limit-exceeded>
<mac-move-limit-exceeded>
  mac-move-limit-exceeded
</mac-move-limit-exceeded>
<vlan-limit-exceeded>
  vlan-limit-exceeded
</vlan-limit-exceeded>
<invalid-vlan-index>
  invalid-vlan-index
</invalid-vlan-index>
<interface-not-learning>
  interface-not-learning
</interface-not-learning>
<no-nexthop>
  no-nexthop
</no-nexthop>
<interface-no-learning>
  interface-no-learning
</interface-no-learning>
<others>
  others
</others>
</mac-statistics>
</ethernet-switching-learning-stats>
</ethernet-switching-stats-information>
```

Description MAC learning statistics

<mac-table-entry>

Usage

```
<mac-table-entry>
  <mac-vlan>
    mac-vlan
  </mac-vlan>
  <mac-vlan-tag>
```

```

    mac-vlan-tag
  </mac-vlan-tag>
  <mac-address>
    mac-address
  </mac-address>
  <mac-interface>
    mac-interface
  </mac-interface>
  <mac-type>
    mac-type
  </mac-type>
  <mac-age>
    mac-age
  </mac-age>
  <mac-interfaces-list>....</mac-interfaces-list>
  <mac-entry-flags>
    mac-entry-flags
  </mac-entry-flags>
  <mac-learned-time>
    mac-learned-time
  </mac-learned-time>
  <mac-nexthop>
    mac-nexthop
  </mac-nexthop>
  <mac-table-total-count>
    mac-table-total-count
  </mac-table-total-count>
  <mac-table-unknown-unicast-count>
    mac-table-unknown-unicast-count
  </mac-table-unknown-unicast-count>
  <mac-table-dot1x-count>
    mac-table-dot1x-count
  </mac-table-dot1x-count>
  <mac-table-dynamic-count>
    mac-table-dynamic-count
  </mac-table-dynamic-count>
  <mac-table-static-count>
    mac-table-static-count
  </mac-table-static-count>
  <mac-table-flood-count>
    mac-table-flood-count
  </mac-table-flood-count>
  <mac-table-derived-count>
    mac-table-derived-count
  </mac-table-derived-count>
  <mac-table-incomplete-count>
    mac-table-incomplete-count
  </mac-table-incomplete-count>
  <mac-table-recieve-count>
    mac-table-recieve-count
  </mac-table-recieve-count>
</mac-table-entry>

```

Description MAC table

<mac-table-entry>

Usage

```
<ethernet-switching-table>
  <mac-table-entry>
    <mac-vlan>
      mac-vlan
    </mac-vlan>
    <mac-vlan-tag>
      mac-vlan-tag
    </mac-vlan-tag>
    <mac-address>
      mac-address
    </mac-address>
    <mac-interface>
      mac-interface
    </mac-interface>
    <mac-type>
      mac-type
    </mac-type>
    <mac-age>
      mac-age
    </mac-age>
    <mac-interfaces-list>....</mac-interfaces-list>
    <mac-entry-flags>
      mac-entry-flags
    </mac-entry-flags>
    <mac-learned-time>
      mac-learned-time
    </mac-learned-time>
    <mac-nexthop>
      mac-nexthop
    </mac-nexthop>
    <mac-table-total-count>
      mac-table-total-count
    </mac-table-total-count>
    <mac-table-unknown-unicast-count>
      mac-table-unknown-unicast-count
    </mac-table-unknown-unicast-count>
    <mac-table-dot1x-count>
      mac-table-dot1x-count
    </mac-table-dot1x-count>
    <mac-table-dynamic-count>
      mac-table-dynamic-count
    </mac-table-dynamic-count>
    <mac-table-static-count>
      mac-table-static-count
    </mac-table-static-count>
    <mac-table-flood-count>
      mac-table-flood-count
    </mac-table-flood-count>
    <mac-table-derived-count>
      mac-table-derived-count
    </mac-table-derived-count>
    <mac-table-incomplete-count>
```



```

        mac-table-incomplete-count
      </mac-table-incomplete-count>
      <mac-table-recieve-count>
        mac-table-recieve-count
      </mac-table-recieve-count>
    </mac-table-entry>
  </ethernet-switching-table>

```

Description MAC table

<mac-table-entry>

Usage

```

<ethernet-switching-table-information>
<ethernet-switching-table>
  <mac-table-entry>
    <mac-vlan>
      mac-vlan
    </mac-vlan>
    <mac-vlan-tag>
      mac-vlan-tag
    </mac-vlan-tag>
    <mac-address>
      mac-address
    </mac-address>
    <mac-interface>
      mac-interface
    </mac-interface>
    <mac-type>
      mac-type
    </mac-type>
    <mac-age>
      mac-age
    </mac-age>
    <mac-interfaces-list>....</mac-interfaces-list>
    <mac-entry-flags>
      mac-entry-flags
    </mac-entry-flags>
    <mac-learned-time>
      mac-learned-time
    </mac-learned-time>
    <mac-nexthop>
      mac-nexthop
    </mac-nexthop>
    <mac-table-total-count>
      mac-table-total-count
    </mac-table-total-count>
    <mac-table-unknown-unicast-count>
      mac-table-unknown-unicast-count
    </mac-table-unknown-unicast-count>
    <mac-table-dot1x-count>
      mac-table-dot1x-count
    </mac-table-dot1x-count>
    <mac-table-dynamic-count>

```

```
    mac-table-dynamic-count
  </mac-table-dynamic-count>
  <mac-table-static-count>
    mac-table-static-count
  </mac-table-static-count>
  <mac-table-flood-count>
    mac-table-flood-count
  </mac-table-flood-count>
  <mac-table-derived-count>
    mac-table-derived-count
  </mac-table-derived-count>
  <mac-table-incomplete-count>
    mac-table-incomplete-count
  </mac-table-incomplete-count>
  <mac-table-recieve-count>
    mac-table-recieve-count
  </mac-table-recieve-count>
</mac-table-entry>
</ethernet-switching-table>
</ethernet-switching-table-information>
```

Description MAC table

<msti-bridge-parameters>

Usage

```
<msti-bridge-parameters>
  <msti-id>
    msti-id
  </msti-id>
  <msti-regional-root-bridge>....</msti-regional-root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <maximum-hop-count-configured>
    maximum-hop-count-configured
  </maximum-hop-count-configured>
  <hop-count>
    hop-count
  </hop-count>
  <time-since-last-tc>....</time-since-last-tc>
  <topology-change-count>
```

```

    topology-change-count
  </topology-change-count>
  <topology-change-initiator>
    topology-change-initiator
  </topology-change-initiator>
  <topology-change-last-received-from>
    topology-change-last-received-from
  </topology-change-last-received-from>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <internal-instance-id>
    internal-instance-id
  </internal-instance-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
  <forward-delay-configured>
    forward-delay-configured
  </forward-delay-configured>
  <time-since-last-topology-change>
    time-since-last-topology-change
  </time-since-last-topology-change>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</msti-bridge-parameters>

```

Description STP bridge parameters for multiple spanning tree instances

<msti-bridge-parameters>

Usage

```

<stp-bridge>
  <msti-bridge-parameters>
    <msti-id>
      msti-id
    </msti-id>
    <msti-regional-root-bridge>....</msti-regional-root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
  </msti-bridge-parameters>

```

```
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<maximum-hop-count-configured>
  maximum-hop-count-configured
</maximum-hop-count-configured>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>....</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<topology-change-initiator>
  topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
  topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
  extended-system-id
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<time-since-last-topology-change>
  time-since-last-topology-change
</time-since-last-topology-change>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>
</stp-bridge>
```

Description STP bridge parameters for multiple spanning tree instances

<msti-regional-root-bridge>

Usage

```
<msti-bridge-parameters>
<msti-regional-root-bridge>
  <bridge-priority>
    bridge-priority
```

```
</bridge-priority>
<bridge-mac>
  bridge-mac
</bridge-mac>
</msti-regional-root-bridge>
</msti-bridge-parameters>
```

Description MSTI regional root identifier

<msti-regional-root-bridge>

Usage

```
<stp-bridge>
<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </msti-regional-root-bridge>
</msti-bridge-parameters>
</stp-bridge>
```

Description MSTI regional root identifier

<mstp-configuration>

Usage

```
<mstp-configuration>
  <context-id>
    context-id
  </context-id>
  <mstp-name>
    mstp-name
  </mstp-name>
  <mstp-revision>
    mstp-revision
  </mstp-revision>
  <mstp-configuration-digest>
    mstp-configuration-digest
  </mstp-configuration-digest>
  <vlan-map>....</vlan-map>
</mstp-configuration>
```

Description MSTP information

<mvrp>

Usage

```
<mvrp>
  <mvrp-information>....</mvrp-information>
  <mvrp-vlans>....</mvrp-vlans>
  <mvrp-dynamic-vlan-information>....</mvrp-dynamic-vlan-information>
  <mvrp-statistics>....</mvrp-statistics>
</mvrp>
```

Description

<mvrp-dynamic-vlan-information>

Usage

```
<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-vmember-vlanname>
      mvrp-vmember-vlanname
    </mvrp-vmember-vlanname>
    <mvrp-dynamic-vmembers>....</mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>
</mvrp>
```

Description

<mvrp-dynamic-vmember-information>

Usage

```
<mvrp>
  <mvrp-vlans>
    <mvrp-dynamic-vmember-information>
      <mvrp-vmember-name>
        mvrp-vmember-name
      </mvrp-vmember-name>
    </mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>
```

Description

<mvrp-dynamic-vmembers>

Usage

```
<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-dynamic-vmembers>
      <mvrp-vmember-interface>
        mvrp-vmember-interface
      </mvrp-vmember-interface>
    </mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>
```

```
</mvrp>
```

Description

<mvrp-information>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-status>
      mvrp-status
    </mvrp-status>
    <mvrp-dynamic-vlan>
      mvrp-dynamic-vlan
    </mvrp-dynamic-vlan>
    <mvrp-intf-timers>....</mvrp-intf-timers>
    <mvrp-interface-information>....</mvrp-interface-information>
  </mvrp-information>
</mvrp>
```

Description

<mvrp-interface-information>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-interface-information>
      <mvrp-interface-name>
        mvrp-interface-name
      </mvrp-interface-name>
      <mvrp-interface-status>
        mvrp-interface-status
      </mvrp-interface-status>
      <mvrp-interface-reg-ctrl>
        mvrp-interface-reg-ctrl
      </mvrp-interface-reg-ctrl>
    </mvrp-interface-information>
  </mvrp-information>
</mvrp>
```

Description

<mvrp-intf-timers>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-intf-timers>
      <mvrp-tmr-intf>
        mvrp-tmr-intf
      </mvrp-tmr-intf>
      <mvrp-tmr-join>
        mvrp-tmr-join
    </mvrp-intf-timers>
  </mvrp-information>
</mvrp>
```

```
</mvrp-tmr-join>
<mvrp-tmr-leave>
  mvrp-tmr-leave
</mvrp-tmr-leave>
<mvrp-tmr-leaveall>
  mvrp-tmr-leaveall
</mvrp-tmr-leaveall>
</mvrp-intf-timers>
</mvrp-information>
</mvrp>
```

Description

<mvrp-statistics>

Usage

```
<mvrp>
  <mvrp-statistics>
    <mvrp-statistics-interface-name>
      mvrp-statistics-interface-name
    </mvrp-statistics-interface-name>
    <mrpdu-received>
      mrpdu-received
    </mrpdu-received>
    <mrp-invalid-received>
      mrp-invalid-received
    </mrp-invalid-received>
    <mrp-new-received>
      mrp-new-received
    </mrp-new-received>
    <mrp-join-empty-received>
      mrp-join-empty-received
    </mrp-join-empty-received>
    <mrp-join-in-received>
      mrp-join-in-received
    </mrp-join-in-received>
    <mrp-empty-received>
      mrp-empty-received
    </mrp-empty-received>
    <mrp-in-received>
      mrp-in-received
    </mrp-in-received>
    <mrp-leave-received>
      mrp-leave-received
    </mrp-leave-received>
    <mrp-leaveall-received>
      mrp-leaveall-received
    </mrp-leaveall-received>
    <mrpdu-transmit>
      mrpdu-transmit
    </mrpdu-transmit>
    <mrpdu-tx-fail>
      mrpdu-tx-fail
    </mrpdu-tx-fail>
    <mrp-new-transmit>
```



```

    mrp-new-transmit
  </mrp-new-transmit>
  <mrp-join-empty-transmit>
    mrp-join-empty-transmit
  </mrp-join-empty-transmit>
  <mrp-join-in-transmit>
    mrp-join-in-transmit
  </mrp-join-in-transmit>
  <mrp-empty-transmit>
    mrp-empty-transmit
  </mrp-empty-transmit>
  <mrp-in-transmit>
    mrp-in-transmit
  </mrp-in-transmit>
  <mrp-leave-transmit>
    mrp-leave-transmit
  </mrp-leave-transmit>
  <mrp-leaveall-transmit>
    mrp-leaveall-transmit
  </mrp-leaveall-transmit>
</mvrp-statistics>
</mvrp>

```

Description

<mvrp-vlans>

Usage

```

<mvrp>
  <mvrp-vlans>
    <mvrp-vlan-id>
      mvrp-vlan-id
    </mvrp-vlan-id>

    <mvrp-dynamic-vmember-information>....</mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>

```

Description

<nh-detail-interface-list>

Usage

```

<nh-detail-interface-list>
  <nh-detail-next-hop-index>
    nh-detail-next-hop-index
  </nh-detail-next-hop-index>
  <nh-detail-interface-name>
    nh-detail-interface-name
  </nh-detail-interface-name>
  <nh-detail-tag-string>
    nh-detail-tag-string
  </nh-detail-tag-string>

```

</nh-detail-interface-list>

Description

<nh-detail-interface-list>

Usage

```
<ethernet-switching-next-hops>
  <nh-detail-interface-list>
    <nh-detail-next-hop-index>
      nh-detail-next-hop-index
    </nh-detail-next-hop-index>
    <nh-detail-interface-name>
      nh-detail-interface-name
    </nh-detail-interface-name>
    <nh-detail-tag-string>
      nh-detail-tag-string
    </nh-detail-tag-string>
  </nh-detail-interface-list>
</ethernet-switching-next-hops>
```

Description

<nh-detail-interface-list>

Usage

```
<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-detail-interface-list>
      <nh-detail-next-hop-index>
        nh-detail-next-hop-index
      </nh-detail-next-hop-index>
      <nh-detail-interface-name>
        nh-detail-interface-name
      </nh-detail-interface-name>
      <nh-detail-tag-string>
        nh-detail-tag-string
      </nh-detail-tag-string>
    </nh-detail-interface-list>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<nh-fdb-entry>

Usage

```
<nh-fdb-entry>
  <nh-mac-vlan>
    nh-mac-vlan
  </nh-mac-vlan>
  <nh-mac-address>
    nh-mac-address
  </nh-mac-address>
```

```
</nh-fdb-entry>
```

Description

```
<nh-fdb-entry>
```

Usage

```
<ethernet-switching-next-hops>
  <nh-fdb-entry>
    <nh-mac-vlan>
      nh-mac-vlan
    </nh-mac-vlan>
    <nh-mac-address>
      nh-mac-address
    </nh-mac-address>
  </nh-fdb-entry>
</ethernet-switching-next-hops>
```

Description

```
<nh-fdb-entry>
```

Usage

```
<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-fdb-entry>
      <nh-mac-vlan>
        nh-mac-vlan
      </nh-mac-vlan>
      <nh-mac-address>
        nh-mac-address
      </nh-mac-address>
    </nh-fdb-entry>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

```
<nh-interface-list>
```

Usage

```
<nh-interface-list>
  <nh-interface-name>
    nh-interface-name
  </nh-interface-name>
</nh-interface-list>
```

Description

```
<nh-interface-list>
```

Usage

```
<ethernet-switching-next-hops>
```

```
<nh-interface-list>
  <nh-interface-name>
    nh-interface-name
  </nh-interface-name>
</nh-interface-list>
</ethernet-switching-next-hops>
```

Description

<nh-interface-list>

Usage

```
<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-interface-list>
      <nh-interface-name>
        nh-interface-name
      </nh-interface-name>
    </nh-interface-list>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<policy-vlan-member-list>

Usage

```
<policy-vlan-member-list>
  <policy-vlan-member>
    policy-vlan-member
  </policy-vlan-member>
</policy-vlan-member-list>
```

Description

<policy-vlan-member-list>

Usage

```
<vlan>
  <vlan-detail>
    <policy-vlan-member-list>
      <policy-vlan-member>
        policy-vlan-member
      </policy-vlan-member>
    </policy-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description

<policy-vlan-member-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <policy-vlan-member-list>
        <policy-vlan-member>
          policy-vlan-member
        </policy-vlan-member>
      </policy-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<private-vlan-community-list>

Usage

```
<private-vlan-community-list>
  <community-vlan>
    community-vlan
  </community-vlan>
</private-vlan-community-list>
```

Description

<private-vlan-community-list>

Usage

```
<vlan>
  <vlan-detail>
    <private-vlan-community-list>
      <community-vlan>
        community-vlan
      </community-vlan>
    </private-vlan-community-list>
  </vlan-detail>
</vlan>
```

Description

<private-vlan-community-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-community-list>
        <community-vlan>
          community-vlan
        </community-vlan>
      </private-vlan-community-list>
    </vlan-detail>
  </vlan>
```

```
</private-vlan-community-list>
</vlan-detail>
</vlan>
</vlan-information>
```

Description

<private-vlan-isolated-list>

Usage

```
<private-vlan-isolated-list>
  <isolated-vlan>
    isolated-vlan
  </isolated-vlan>
</private-vlan-isolated-list>
```

Description

<private-vlan-isolated-list>

Usage

```
<vlan>
  <vlan-detail>
    <private-vlan-isolated-list>
      <isolated-vlan>
        isolated-vlan
      </isolated-vlan>
    </private-vlan-isolated-list>
  </vlan-detail>
</vlan>
```

Description

<private-vlan-isolated-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-isolated-list>
        <isolated-vlan>
          isolated-vlan
        </isolated-vlan>
      </private-vlan-isolated-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<private-vlan-secondary-list>

Usage

```
<private-vlan-secondary-list>
  <secondary-vlan>
    secondary-vlan
  </secondary-vlan>
</private-vlan-secondary-list>
```

Description

<private-vlan-secondary-list>

Usage

```
<vlan>
  <vlan-detail>
    <private-vlan-secondary-list>
      <secondary-vlan>
        secondary-vlan
      </secondary-vlan>
    </private-vlan-secondary-list>
  </vlan-detail>
</vlan>
```

Description

<private-vlan-secondary-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-secondary-list>
        <secondary-vlan>
          secondary-vlan
        </secondary-vlan>
      </private-vlan-secondary-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<push-vlan-member-list>

Usage

```
<push-vlan-member-list>
  <push-vlan-member>
    push-vlan-member
  </push-vlan-member>
</push-vlan-member-list>
```

Description**<push-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <push-vlan-member-list>
      <push-vlan-member>
        push-vlan-member
      </push-vlan-member>
    </push-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<push-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <push-vlan-member-list>
        <push-vlan-member>
          push-vlan-member
        </push-vlan-member>
      </push-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description**<regional-root-bridge>****Usage**

```
<cist-bridge-parameters>
  <regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </regional-root-bridge>
</cist-bridge-parameters>
```

Description CIST regional root bridge identifier

<regional-root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <regional-root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </regional-root-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description CIST regional root bridge identifier

<root-bridge>

Usage

```
<cist-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</cist-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<vst-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</vst-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </root-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </root-bridge>
  </vst-bridge-parameters>
</stp-bridge>
```

Description Root bridge identifier

<rtg>

Usage

```
<rtg>
  <rtg-information>....</rtg-information>
  <rtg-information-pergrp>....</rtg-information-pergrp>
  <rtg-information-pergrp-err>....</rtg-information-pergrp-err>
</rtg>
```

Description

<rtg-information>

Usage

```
<rtg>
  <rtg-information>
```

```

<rtg-group-name>
  rtg-group-name
</rtg-group-name>
<rtg-first-interface-name>
  rtg-first-interface-name
</rtg-first-interface-name>
<rtg-second-interface-name>
  rtg-second-interface-name
</rtg-second-interface-name>
<rtg-first-interface-state>
  rtg-first-interface-state
</rtg-first-interface-state>
<rtg-second-interface-state>
  rtg-second-interface-state
</rtg-second-interface-state>
<rtg-first-interface-timeoflastflap>
  rtg-first-interface-timeoflastflap
</rtg-first-interface-timeoflastflap>
<rtg-second-interface-timeoflastflap>
  rtg-second-interface-timeoflastflap
</rtg-second-interface-timeoflastflap>
<rtg-first-interface-flaps>
  rtg-first-interface-flaps
</rtg-first-interface-flaps>
<rtg-second-interface-flaps>
  rtg-second-interface-flaps
</rtg-second-interface-flaps>
<rtg-first-interface-bandwidth>
  rtg-first-interface-bandwidth
</rtg-first-interface-bandwidth>
<rtg-second-interface-bandwidth>
  rtg-second-interface-bandwidth
</rtg-second-interface-bandwidth>
</rtg-information>
</rtg>

```

Description

<rtg-information-pergrp>

Usage

```

<rtg>
  <rtg-information-pergrp>
    <rtg-first-interface-name>
      rtg-first-interface-name
    </rtg-first-interface-name>
    <rtg-first-interface-state>
      rtg-first-interface-state
    </rtg-first-interface-state>
    <rtg-first-interface-bandwidth>
      rtg-first-interface-bandwidth
    </rtg-first-interface-bandwidth>
    <rtg-first-interface-timeoflastflap>
      rtg-first-interface-timeoflastflap
    </rtg-first-interface-timeoflastflap>
  </rtg-information-pergrp>
</rtg>

```

```
<rtg-first-interface-flaps>
  rtg-first-interface-flaps
</rtg-first-interface-flaps>
<rtg-second-interface-name>
  rtg-second-interface-name
</rtg-second-interface-name>
<rtg-second-interface-state>
  rtg-second-interface-state
</rtg-second-interface-state>
<rtg-second-interface-timeoflastflap>
  rtg-second-interface-timeoflastflap
</rtg-second-interface-timeoflastflap>
<rtg-second-interface-flaps>
  rtg-second-interface-flaps
</rtg-second-interface-flaps>
<rtg-second-interface-bandwidth>
  rtg-second-interface-bandwidth
</rtg-second-interface-bandwidth>
<rtg-group-description>
  rtg-group-description
</rtg-group-description>
</rtg-information-pergrp>
</rtg>
```

Description

<rtg-information-pergrp-err>

Usage

```
<rtg>
  <rtg-information-pergrp-err>
    <rtg-group-name>
      rtg-group-name
    </rtg-group-name>
  </rtg-information-pergrp-err>
</rtg>
```

Description

<stp-bridge>

Usage

```
<stp-bridge>
  <context-id>
    context-id
  </context-id>
  <protocol>
    protocol
  </protocol>
  <cist-bridge-parameters>....</cist-bridge-parameters>
  <msti-bridge-parameters>....</msti-bridge-parameters>
  <vst-bridge-parameters>....</vst-bridge-parameters>
</stp-bridge>
```

Description Information about STP bridge parameters

<stp-context-statistics-information>

Usage

```
<stp-context-statistics-information>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <vstp-statistics>....</vstp-statistics>
  <bpdus-sent-5seconds>
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
</stp-context-statistics-information>
```

Description Spanning Tree Protocol statistics

<stp-instance>

Usage

```
<stp-interface-information>
  <stp-instance>
    <instance-id>
      instance-id
    </instance-id>
    <vlan-id>
      vlan-id
    </vlan-id>
    <stp-interfaces>....</stp-interfaces>
  </stp-instance>
</stp-interface-information>
```

Description

<stp-interface-entry>

Usage

```
<stp-interface-entry>
  <interface-name>
    interface-name
  </interface-name>
  <port-priority>
    port-priority
  </port-priority>
```

```
<port-number>
  port-number
</port-number>
<designated-port-priority>
  designated-port-priority
</designated-port-priority>
<designated-port-number>
  designated-port-number
</designated-port-number>
<port-cost>
  port-cost
</port-cost>
<port-state>
  port-state
</port-state>
<designated-bridge-priority>
  designated-bridge-priority
</designated-bridge-priority>
<designated-bridge-mac>
  designated-bridge-mac
</designated-bridge-mac>
<port-role>
  port-role
</port-role>
<link-type>
  link-type
</link-type>
<port-migrated-protocol>
  port-migrated-protocol
</port-migrated-protocol>
<boundary-port>
  boundary-port
</boundary-port>
<edge-delay-while-expiry-count>
  edge-delay-while-expiry-count
</edge-delay-while-expiry-count>
<rcvd-info-while-expiry-count>
  rcvd-info-while-expiry-count
</rcvd-info-while-expiry-count>
</stp-interface-entry>
```

Description Information about Spanning Tree Protocol interface

<stp-interface-entry>

Usage

```
<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>
        <interface-name>
          interface-name
        </interface-name>
        <port-priority>
```

```

    port-priority
  </port-priority>
  <port-number>
    port-number
  </port-number>
  <designated-port-priority>
    designated-port-priority
  </designated-port-priority>
  <designated-port-number>
    designated-port-number
  </designated-port-number>
  <port-cost>
    port-cost
  </port-cost>
  <port-state>
    port-state
  </port-state>
  <designated-bridge-priority>
    designated-bridge-priority
  </designated-bridge-priority>
  <designated-bridge-mac>
    designated-bridge-mac
  </designated-bridge-mac>
  <port-role>
    port-role
  </port-role>
  <link-type>
    link-type
  </link-type>
  <port-migrated-protocol>
    port-migrated-protocol
  </port-migrated-protocol>
  <boundary-port>
    boundary-port
  </boundary-port>
  <edge-delay-while-expiry-count>
    edge-delay-while-expiry-count
  </edge-delay-while-expiry-count>
  <rcvd-info-while-expiry-count>
    rcvd-info-while-expiry-count
  </rcvd-info-while-expiry-count>
</stp-interface-entry>
</stp-interfaces>
</stp-instance>
</stp-interface-information>

```

Description Information about Spanning Tree Protocol interface

<stp-interface-information>

Usage

```

<stp-interface-information>
  <stp-instance>....</stp-instance>

```

</stp-interface-information>

Description Information about STP interfaces or instances

<stp-interface-statistics>

Usage

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  <vstp-interface-statistics>....</vstp-interface-statistics>
</stp-interface-statistics>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics-entry>
  <interface-name>
    interface-name
  </interface-name>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <next-bpdu-time>
    next-bpdu-time
  </next-bpdu-time>
</stp-interface-statistics-entry>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <next-bpdu-time>
      next-bpdu-time
    </next-bpdu-time>
```



```

    </stp-interface-statistics-entry>
  </stp-interface-statistics>

```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```

<stp-interface-statistics>
  <vstp-interface-statistics>
    <stp-interface-statistics-entry>
      <interface-name>
        interface-name
      </interface-name>
      <total-bpdus-sent>
        total-bpdus-sent
      </total-bpdus-sent>
      <total-bpdus-received>
        total-bpdus-received
      </total-bpdus-received>
      <next-bpdu-time>
        next-bpdu-time
      </next-bpdu-time>
    </stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>

```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```

<stp-vlan-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <next-bpdu-time>
      next-bpdu-time
    </next-bpdu-time>
  </stp-interface-statistics-entry>
</stp-vlan-interface-statistics>

```

Description STP interface statistics

<stp-interfaces>

Usage

```
<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>....</stp-interface-entry>
    </stp-interfaces>
  </stp-instance>
</stp-interface-information>
```

Description Information about STP interfaces

<stp-kernel-table>

Usage

```
<stp-kernel-table>
  <stp-kernel-table-entry>....</stp-kernel-table-entry>
</stp-kernel-table>
```

Description STP kernel table information

<stp-kernel-table-entry>

Usage

```
<stp-kernel-table>
  <stp-kernel-table-entry>
    <stp-index>
      stp-index
    </stp-index>
    <kernel-if-name>
      kernel-if-name
    </kernel-if-name>
    <kernel-stp-instance>
      kernel-stp-instance
    </kernel-stp-instance>
    <kernel-state>
      kernel-state
    </kernel-state>
    <kernel-action>
      kernel-action
    </kernel-action>
    <epoch>
      epoch
    </epoch>
    <hardware-learning>
      hardware-learning
    </hardware-learning>
  </stp-kernel-table-entry>
</stp-kernel-table>
```

Description**<stp-vlan-interface-statistics>****Usage**

```
<stp-vlan-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
</stp-vlan-interface-statistics>
```

Description Statistics information about VLAN STP interfaces

<swap-vlan-member-list>**Usage**

```
<swap-vlan-member-list>
  <swap-vlan-member>
    swap-vlan-member
  </swap-vlan-member>
</swap-vlan-member-list>
```

Description**<swap-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <swap-vlan-member-list>
      <swap-vlan-member>
        swap-vlan-member
      </swap-vlan-member>
    </swap-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<swap-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <swap-vlan-member-list>
        <swap-vlan-member>
          swap-vlan-member
        </swap-vlan-member>
      </swap-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description**<switching-interface-information>****Usage**

```
<switching-interface-information>
  <interface>.....</interface>
</switching-interface-information>
```

Description Operational information about Ethernet-switching interfaces

<tagged-vlan-member-list>**Usage**

```
<tagged-vlan-member-list>
  <tagged-vlan-member>
    tagged-vlan-member
  </tagged-vlan-member>
</tagged-vlan-member-list>
```

Description**<tagged-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <tagged-vlan-member-list>
      <tagged-vlan-member>
        tagged-vlan-member
      </tagged-vlan-member>
    </tagged-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<tagged-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <tagged-vlan-member-list>
        <tagged-vlan-member>
          tagged-vlan-member
        </tagged-vlan-member>
      </tagged-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<task>

Usage

```

<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>

```

Description

<task-block>

Usage

```

<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>

```

Description**<task-block>****Usage**

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
        </tb-max-alloc-blocks>
        <tb-max-alloc-bytes>
          tb-max-alloc-bytes
        </tb-max-alloc-bytes>
      </task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description**<task-block-list>****Usage**

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>**Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description**<task-lite-page>****Usage**

```

<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>

```

Description**<task-lite-page>****Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

```
<tlp-max-alloc-pages>
  tlp-max-alloc-pages
</tlp-max-alloc-pages>
<tlp-max-alloc-bytes>
  tlp-max-alloc-bytes
</tlp-max-alloc-bytes>
</task-lite-page>
</task-lite-page-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
```



```

    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>

```

Description

<task-malloc>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>

```

```
<task-memory-malloc-usage-report>
  <task-malloc-list>
    <task-malloc>....</task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-allocator-report>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
```

```

</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>

```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>

```

```
<task-size-block-list>....</task-size-block-list>
<task-memory-stats-list>....</task-memory-stats-list>
<task-memory-total-bytes>
  task-memory-total-bytes
</task-memory-total-bytes>
<task-memory-total-max-bytes>
  task-memory-total-max-bytes
</task-memory-total-max-bytes>
<task-memory-total-free-bytes>
  task-memory-total-free-bytes
</task-memory-total-free-bytes>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats>

Usage

```
<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
```

```

</tms-name>
<tms-allocs>
  tms-allocs
</tms-allocs>
<tms-mallocs>
  tms-mallocs
</tms-mallocs>
<tms-alloc-bytes>
  tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-replication-state>

Usage

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>

Usage

```
<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs
```

```

</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-size-block-list>

Usage

```

<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>

```

Description

<task-size-block-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-timer>

Usage

```

<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late

```

```
</timer-late>
<timer-expires>
  timer-expires
</timer-expires>
<timer-jitter>
  timer-jitter
</timer-jitter>
<timer-interval>
  timer-interval
</timer-interval>
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
<task>
  <task-timer>
    <timer-name>
      timer-name
    </timer-name>
    <timer-late>
      timer-late
    </timer-late>
    <timer-expires>
      timer-expires
    </timer-expires>
    <timer-jitter>
      timer-jitter
    </timer-jitter>
    <timer-interval>
      timer-interval
    </timer-interval>
    <timer-flags>
      timer-flags
    </timer-flags>
  </task-timer>
</task>
</task-timer-information>
```

Description

<task-timer-information>

Usage

```
<task-timer-information>
<task>....</task>
</task-timer-information>
```


Description**<this-bridge>****Usage**

```

<cist-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</cist-bridge-parameters>

```

Description ID of bridge**<this-bridge>****Usage**

```

<vst-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</vst-bridge-parameters>

```

Description ID of bridge**<this-bridge>****Usage**

```

<msti-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</msti-bridge-parameters>

```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <msti-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </msti-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </vst-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<time-since-last-tc>

Usage

```
<msti-bridge-parameters>
  <time-since-last-tc>
</time-since-last-tc>
</msti-bridge-parameters>
```

Description

<time-since-last-tc>

Usage

```
<stp-bridge>
  <msti-bridge-parameters>
    <time-since-last-tc>
  </time-since-last-tc>
</msti-bridge-parameters>
</stp-bridge>
```

Description

<tracing-information>

Usage

```
<tracing-information>
  <flags>
    flags
  </flags>
  <filename>
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>
```

Description

<untagged-vlan-member-list>

Usage

```
<untagged-vlan-member-list>
  <untagged-vlan-member>
    untagged-vlan-member
  </untagged-vlan-member>
</untagged-vlan-member-list>
```

Description

<untagged-vlan-member-list>

Usage

```
<vlan>
  <vlan-detail>
    <untagged-vlan-member-list>
      <untagged-vlan-member>
        untagged-vlan-member
      </untagged-vlan-member>
    </untagged-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description

<untagged-vlan-member-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <untagged-vlan-member-list>
        <untagged-vlan-member>
          untagged-vlan-member
        </untagged-vlan-member>
      </untagged-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<vlan>

Usage

```
<vlan>
  <vlan-instance>
    vlan-instance
  </vlan-instance>
  <vlan-name>
    vlan-name
  </vlan-name>
  <vlan-index>
    vlan-index
  </vlan-index>
  <vlan-create-time>
    vlan-create-time
  </vlan-create-time>
  <vlan-description>
    vlan-description
  </vlan-description>
  <vlan-owner>
    vlan-owner
```

```

</vlan-owner>
<vlan-tag>
  vlan-tag
</vlan-tag>
<vlan-tag-string>
  vlan-tag-string
</vlan-tag-string>
<vlan-status>
  vlan-status
</vlan-status>
<dot1q-tunneling-mode>
  dot1q-tunneling-mode
</dot1q-tunneling-mode>
<layer2-protocol-tunneling-mode>
  layer2-protocol-tunneling-mode
</layer2-protocol-tunneling-mode>
<mac-learning-mode>
  mac-learning-mode
</mac-learning-mode>
<vlan-protocol-port>
  vlan-protocol-port
</vlan-protocol-port>
<vlan-l3-interface>
  vlan-l3-interface
</vlan-l3-interface>
<private-vlan-mode>
  private-vlan-mode
</private-vlan-mode>
<private-vlan-primary>
  private-vlan-primary
</private-vlan-primary>
<vlan-l3-interface-address>
  vlan-l3-interface-address
</vlan-l3-interface-address>
<vlan-l3-interface-ipv6-address>
  vlan-l3-interface-ipv6-address
</vlan-l3-interface-ipv6-address>
<vlan-l3-interface-addresses-ipv4>
  vlan-l3-interface-addresses-ipv4
</vlan-l3-interface-addresses-ipv4>
<vlan-l3-interface-addresses-ipv6>
  vlan-l3-interface-addresses-ipv6
</vlan-l3-interface-addresses-ipv6>
<vlan-members-upcount>
  vlan-members-upcount
</vlan-members-upcount>
<vlan-members-count>
  vlan-members-count
</vlan-members-count>
<customer-vlan-range-list>....</customer-vlan-range-list>
<vlan-detail>....</vlan-detail>
</vlan>

```

Description

<vlan>

Usage

```
<vlan-information>
  <vlan>
    <vlan-instance>
      vlan-instance
    </vlan-instance>
    <vlan-name>
      vlan-name
    </vlan-name>
    <vlan-index>
      vlan-index
    </vlan-index>
    <vlan-create-time>
      vlan-create-time
    </vlan-create-time>
    <vlan-description>
      vlan-description
    </vlan-description>
    <vlan-owner>
      vlan-owner
    </vlan-owner>
    <vlan-tag>
      vlan-tag
    </vlan-tag>
    <vlan-tag-string>
      vlan-tag-string
    </vlan-tag-string>
    <vlan-status>
      vlan-status
    </vlan-status>
    <dot1q-tunneling-mode>
      dot1q-tunneling-mode
    </dot1q-tunneling-mode>
    <layer2-protocol-tunneling-mode>
      layer2-protocol-tunneling-mode
    </layer2-protocol-tunneling-mode>
    <mac-learning-mode>
      mac-learning-mode
    </mac-learning-mode>
    <vlan-protocol-port>
      vlan-protocol-port
    </vlan-protocol-port>
    <vlan-l3-interface>
      vlan-l3-interface
    </vlan-l3-interface>
    <private-vlan-mode>
      private-vlan-mode
    </private-vlan-mode>
    <private-vlan-primary>
      private-vlan-primary
    </private-vlan-primary>
    <vlan-l3-interface-address>
      vlan-l3-interface-address
```

```

</vlan-l3-interface-address>
<vlan-l3-interface-ipv6-address>
  vlan-l3-interface-ipv6-address
</vlan-l3-interface-ipv6-address>
<vlan-l3-interface-addresses-ipv4>
  vlan-l3-interface-addresses-ipv4
</vlan-l3-interface-addresses-ipv4>
<vlan-l3-interface-addresses-ipv6>
  vlan-l3-interface-addresses-ipv6
</vlan-l3-interface-addresses-ipv6>
<vlan-members-upcount>
  vlan-members-upcount
</vlan-members-upcount>
<vlan-members-count>
  vlan-members-count
</vlan-members-count>
<customer-vlan-range-list>....</customer-vlan-range-list>
<vlan-detail>....</vlan-detail>
</vlan>
</vlan-information>

```

Description

<vlan-detail>

Usage

```

<vlan>
  <vlan-detail>
    <vlan-hardware-token>
      vlan-hardware-token
    </vlan-hardware-token>
    <vlan-mac-aging-time>
      vlan-mac-aging-time
    </vlan-mac-aging-time>
    <vlan-tagged-members-count>
      vlan-tagged-members-count
    </vlan-tagged-members-count>
    <vlan-tagged-members-upcount>
      vlan-tagged-members-upcount
    </vlan-tagged-members-upcount>
    <vlan-untagged-members-count>
      vlan-untagged-members-count
    </vlan-untagged-members-count>
    <vlan-untagged-members-upcount>
      vlan-untagged-members-upcount
    </vlan-untagged-members-upcount>
    <secondary-vlan-count>
      secondary-vlan-count
    </secondary-vlan-count>
    <isolated-vlan-count>
      isolated-vlan-count
    </isolated-vlan-count>
    <community-vlan-count>
      community-vlan-count
    </community-vlan-count>
  </vlan-detail>
</vlan>

```

```
<isiv-vlan-count>
  isiv-vlan-count
</isiv-vlan-count>
<vlan-stp>
  vlan-stp
</vlan-stp>
<vlan-redundant-trunk-group>
  vlan-redundant-trunk-group
</vlan-redundant-trunk-group>
<vlan-unknown-unicast>
  vlan-unknown-unicast
</vlan-unknown-unicast>
<vlan-protocol-mac>
  vlan-protocol-mac
</vlan-protocol-mac>
<vlan-mac-entries-count>
  vlan-mac-entries-count
</vlan-mac-entries-count>
<untagged-vlan-member-list>....</untagged-vlan-member-list>
<tagged-vlan-member-list>....</tagged-vlan-member-list>
<mac-based-vlan-member-list>....</mac-based-vlan-member-list>
<push-vlan-member-list>....</push-vlan-member-list>
<policy-vlan-member-list>....</policy-vlan-member-list>
<swap-vlan-member-list>....</swap-vlan-member-list>
<vlan-member-list>....</vlan-member-list>
<vlan-mapping-summary>....</vlan-mapping-summary>
<vlan-mapping-list>....</vlan-mapping-list>
<private-vlan-isolated-list>....</private-vlan-isolated-list>
<private-vlan-community-list>....</private-vlan-community-list>
<isiv-vlan>
  isiv-vlan
</isiv-vlan>
<private-vlan-secondary-list>....</private-vlan-secondary-list>
</vlan-detail>
</vlan>
```

Description

<vlan-detail>

Usage

```
<vlan-information>
<vlan>
  <vlan-detail>
    <vlan-hardware-token>
      vlan-hardware-token
    </vlan-hardware-token>
    <vlan-mac-aging-time>
      vlan-mac-aging-time
    </vlan-mac-aging-time>
    <vlan-tagged-members-count>
      vlan-tagged-members-count
    </vlan-tagged-members-count>
    <vlan-tagged-members-upcount>
      vlan-tagged-members-upcount
```



```

</vlan-tagged-members-upcount>
<vlan-untagged-members-count>
  vlan-untagged-members-count
</vlan-untagged-members-count>
<vlan-untagged-members-upcount>
  vlan-untagged-members-upcount
</vlan-untagged-members-upcount>
<secondary-vlan-count>
  secondary-vlan-count
</secondary-vlan-count>
<isolated-vlan-count>
  isolated-vlan-count
</isolated-vlan-count>
<community-vlan-count>
  community-vlan-count
</community-vlan-count>
<isiv-vlan-count>
  isiv-vlan-count
</isiv-vlan-count>
<vlan-stp>
  vlan-stp
</vlan-stp>
<vlan-redundant-trunk-group>
  vlan-redundant-trunk-group
</vlan-redundant-trunk-group>
<vlan-unknown-unicast>
  vlan-unknown-unicast
</vlan-unknown-unicast>
<vlan-protocol-mac>
  vlan-protocol-mac
</vlan-protocol-mac>
<vlan-mac-entries-count>
  vlan-mac-entries-count
</vlan-mac-entries-count>
<untagged-vlan-member-list>....</untagged-vlan-member-list>
<tagged-vlan-member-list>....</tagged-vlan-member-list>
<mac-based-vlan-member-list>....</mac-based-vlan-member-list>
<push-vlan-member-list>....</push-vlan-member-list>
<policy-vlan-member-list>....</policy-vlan-member-list>
<swap-vlan-member-list>....</swap-vlan-member-list>
<vlan-member-list>....</vlan-member-list>
<vlan-mapping-summary>....</vlan-mapping-summary>
<vlan-mapping-list>....</vlan-mapping-list>
<private-vlan-isolated-list>....</private-vlan-isolated-list>
<private-vlan-community-list>....</private-vlan-community-list>
<isiv-vlan>
  isiv-vlan
</isiv-vlan>
  <private-vlan-secondary-list>....</private-vlan-secondary-list>
</vlan-detail>
</vlan>
</vlan-information>

```

Description

<vlan-information>

Usage

```
<vlan-information>
  <vlan-summary>....</vlan-summary>
  <vlan-terse>
    vlan-terse
  </vlan-terse>
  <vlan>....</vlan>
</vlan-information>
```

Description Operational VLAN information

<vlan-map>

Usage

```
<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>....</vlan-map-entry>
  </vlan-map>
</mstp-configuration>
```

Description

<vlan-map-entry>

Usage

```
<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>
      <msti-id>
        msti-id
      </msti-id>
      <vlan-string>
        vlan-string
      </vlan-string>
    </vlan-map-entry>
  </vlan-map>
</mstp-configuration>
```

Description

<vlan-mapping-list>

Usage

```
<vlan-mapping-list>
  <vlan-mapping-rule>....</vlan-mapping-rule>
</vlan-mapping-list>
```

Description

<vlan-mapping-list>**Usage**

```

<vlan>
  <vlan-detail>
    <vlan-mapping-list>
      <vlan-mapping-rule>....</vlan-mapping-rule>
    </vlan-mapping-list>
  </vlan-detail>
</vlan>

```

Description**<vlan-mapping-list>****Usage**

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-list>
        <vlan-mapping-rule>....</vlan-mapping-rule>
      </vlan-mapping-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

Description**<vlan-mapping-rule>****Usage**

```

<vlan-mapping-list>
  <vlan-mapping-rule>
    <vlan-mapping-interface>
      vlan-mapping-interface
    </vlan-mapping-interface>
    <vlan-mapping-tag>
      vlan-mapping-tag
    </vlan-mapping-tag>
    <vlan-mapping-operation>
      vlan-mapping-operation
    </vlan-mapping-operation>
  </vlan-mapping-rule>
</vlan-mapping-list>

```

Description**<vlan-mapping-rule>****Usage**

```

<vlan>
  <vlan-detail>
    <vlan-mapping-list>

```

```
<vlan-mapping-rule>
  <vlan-mapping-interface>
    vlan-mapping-interface
  </vlan-mapping-interface>
  <vlan-mapping-tag>
    vlan-mapping-tag
  </vlan-mapping-tag>
  <vlan-mapping-operation>
    vlan-mapping-operation
  </vlan-mapping-operation>
</vlan-mapping-rule>
</vlan-mapping-list>
</vlan-detail>
</vlan>
```

Description

<vlan-mapping-rule>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-list>
        <vlan-mapping-rule>
          <vlan-mapping-interface>
            vlan-mapping-interface
          </vlan-mapping-interface>
          <vlan-mapping-tag>
            vlan-mapping-tag
          </vlan-mapping-tag>
          <vlan-mapping-operation>
            vlan-mapping-operation
          </vlan-mapping-operation>
        </vlan-mapping-rule>
      </vlan-mapping-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<vlan-mapping-summary>

Usage

```
<vlan-mapping-summary>
  <vlan-push-members-count>
    vlan-push-members-count
  </vlan-push-members-count>
  <vlan-push-members-upcount>
    vlan-push-members-upcount
  </vlan-push-members-upcount>
  <vlan-policy-members-count>
    vlan-policy-members-count
```

```

</vlan-policy-members-count>
<vlan-policy-members-upcount>
  vlan-policy-members-upcount
</vlan-policy-members-upcount>
<vlan-swap-members-count>
  vlan-swap-members-count
</vlan-swap-members-count>
<vlan-swap-members-upcount>
  vlan-swap-members-upcount
</vlan-swap-members-upcount>
</vlan-mapping-summary>

```

Description

<vlan-mapping-summary>

Usage

```

<vlan>
  <vlan-detail>
    <vlan-mapping-summary>
      <vlan-push-members-count>
        vlan-push-members-count
      </vlan-push-members-count>
      <vlan-push-members-upcount>
        vlan-push-members-upcount
      </vlan-push-members-upcount>
      <vlan-policy-members-count>
        vlan-policy-members-count
      </vlan-policy-members-count>
      <vlan-policy-members-upcount>
        vlan-policy-members-upcount
      </vlan-policy-members-upcount>
      <vlan-swap-members-count>
        vlan-swap-members-count
      </vlan-swap-members-count>
      <vlan-swap-members-upcount>
        vlan-swap-members-upcount
      </vlan-swap-members-upcount>
    </vlan-mapping-summary>
  </vlan-detail>
</vlan>

```

Description

<vlan-mapping-summary>

Usage

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-summary>
        <vlan-push-members-count>
          vlan-push-members-count
        </vlan-push-members-count>

```

```
<vlan-push-members-upcount>
  vlan-push-members-upcount
</vlan-push-members-upcount>
<vlan-policy-members-count>
  vlan-policy-members-count
</vlan-policy-members-count>
<vlan-policy-members-upcount>
  vlan-policy-members-upcount
</vlan-policy-members-upcount>
<vlan-swap-members-count>
  vlan-swap-members-count
</vlan-swap-members-count>
<vlan-swap-members-upcount>
  vlan-swap-members-upcount
</vlan-swap-members-upcount>
</vlan-mapping-summary>
</vlan-detail>
</vlan>
</vlan-information>
```

Description

<vlan-member>

Usage

```
<vlan-member-list>
  <vlan-member>
    <vlan-member-interface>
      vlan-member-interface
    </vlan-member-interface>
    <vlan-member-tagness>
      vlan-member-tagness
    </vlan-member-tagness>
    <vlan-member-port-mode>
      vlan-member-port-mode
    </vlan-member-port-mode>
    <vlan-member-pvlan-trunk-mode>
      vlan-member-pvlan-trunk-mode
    </vlan-member-pvlan-trunk-mode>
    <vlan-membership-type>
      vlan-membership-type
    </vlan-membership-type>
    <vlan-protocol-mac-address>
      vlan-protocol-mac-address
    </vlan-protocol-mac-address>
    <vlan-mac-member-tagness>
      vlan-mac-member-tagness
    </vlan-mac-member-tagness>
  </vlan-member>
</vlan-member-list>
```

Description

<vlan-member>

Usage

```

<vlan>
  <vlan-detail>
    <vlan-member-list>
      <vlan-member>
        <vlan-member-interface>
          vlan-member-interface
        </vlan-member-interface>
        <vlan-member-tagness>
          vlan-member-tagness
        </vlan-member-tagness>
        <vlan-member-port-mode>
          vlan-member-port-mode
        </vlan-member-port-mode>
        <vlan-member-pvlan-trunk-mode>
          vlan-member-pvlan-trunk-mode
        </vlan-member-pvlan-trunk-mode>
        <vlan-membership-type>
          vlan-membership-type
        </vlan-membership-type>
        <vlan-protocol-mac-address>
          vlan-protocol-mac-address
        </vlan-protocol-mac-address>
        <vlan-mac-member-tagness>
          vlan-mac-member-tagness
        </vlan-mac-member-tagness>
      </vlan-member>
    </vlan-member-list>
  </vlan-detail>
</vlan>

```

Description

<vlan-member>

Usage

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-member-list>
        <vlan-member>
          <vlan-member-interface>
            vlan-member-interface
          </vlan-member-interface>
          <vlan-member-tagness>
            vlan-member-tagness
          </vlan-member-tagness>
          <vlan-member-port-mode>
            vlan-member-port-mode
          </vlan-member-port-mode>
          <vlan-member-pvlan-trunk-mode>
            vlan-member-pvlan-trunk-mode
          </vlan-member-pvlan-trunk-mode>
        </vlan-member>
      </vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

```
<vlan-membership-type>
  vlan-membership-type
</vlan-membership-type>
<vlan-protocol-mac-address>
  vlan-protocol-mac-address
</vlan-protocol-mac-address>
<vlan-mac-member-tagness>
  vlan-mac-member-tagness
</vlan-mac-member-tagness>
</vlan-member>
</vlan-member-list>
</vlan-detail>
</vlan>
</vlan-information>
```

Description

<vlan-member-list>

Usage

```
<vlan-member-list>
  <vlan-member>....</vlan-member>
</vlan-member-list>
```

Description

<vlan-member-list>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-member-list>
      <vlan-member>....</vlan-member>
    </vlan-member-list>
  </vlan-detail>
</vlan>
```

Description

<vlan-member-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-member-list>
        <vlan-member>....</vlan-member>
      </vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```


Description

<vlan-summary>

Usage

```

<vlan-information>
  <vlan-summary>
    <vlan-total-count>
      vlan-total-count
    </vlan-total-count>
    <vlan-configured-count>
      vlan-configured-count
    </vlan-configured-count>
    <vlan-dynamic-count>
      vlan-dynamic-count
    </vlan-dynamic-count>
    <vlan-internal-count>
      vlan-internal-count
    </vlan-internal-count>
    <vlan-temporary-count>
      vlan-temporary-count
    </vlan-temporary-count>
    <vlan-dot1q-total-count>
      vlan-dot1q-total-count
    </vlan-dot1q-total-count>
    <vlan-dot1q-tagged-count>
      vlan-dot1q-tagged-count
    </vlan-dot1q-tagged-count>
    <vlan-dot1q-untagged-count>
      vlan-dot1q-untagged-count
    </vlan-dot1q-untagged-count>
    <vlan-dot1q-private-primary-count>
      vlan-dot1q-private-primary-count
    </vlan-dot1q-private-primary-count>
    <vlan-dot1q-private-community-count>
      vlan-dot1q-private-community-count
    </vlan-dot1q-private-community-count>
    <vlan-dot1q-private-isolated-count>
      vlan-dot1q-private-isolated-count
    </vlan-dot1q-private-isolated-count>
    <vlan-dot1q-tunneled-count>
      vlan-dot1q-tunneled-count
    </vlan-dot1q-tunneled-count>
    <vlan-dot1q-tunneled-private-primary-count>
      vlan-dot1q-tunneled-private-primary-count
    </vlan-dot1q-tunneled-private-primary-count>
    <vlan-dot1q-tunneled-private-community-count>
      vlan-dot1q-tunneled-private-community-count
    </vlan-dot1q-tunneled-private-community-count>
    <vlan-dot1q-tunneled-private-isolated-count>
      vlan-dot1q-tunneled-private-isolated-count
    </vlan-dot1q-tunneled-private-isolated-count>
    <vlan-dynamic-dot1x-count>
      vlan-dynamic-dot1x-count
    </vlan-dynamic-dot1x-count>
    <vlan-dynamic-mvrp-count>

```

```
    vlan-dynamic-mvrp-count
  </vlan-dynamic-mvrp-count>
</vlan-summary>
</vlan-information>
```

Description

<vst-bridge-parameters>

Usage

```
<vst-bridge-parameters>
  <vlan-id>
    vlan-id
  </vlan-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <message-age>
    message-age
  </message-age>
  <time-since-last-topology-change>
    time-since-last-topology-change
  </time-since-last-topology-change>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <topology-change-initiator>
    topology-change-initiator
  </topology-change-initiator>
  <topology-change-last-received-from>
    topology-change-last-received-from
  </topology-change-last-received-from>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <internal-instance-id>
    internal-instance-id
  </internal-instance-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
```

```

<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</vst-bridge-parameters>

```

Description STP bridge parameters for VLAN Spanning Tree

<vst-bridge-parameters>

Usage

```

<stp-bridge>
  <vst-bridge-parameters>
    <vlan-id>
      vlan-id
    </vlan-id>
    <root-bridge>....</root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
    </max-age-learned>
    <forward-delay-learned>
      forward-delay-learned
    </forward-delay-learned>
    <message-age>
      message-age
    </message-age>
    <time-since-last-topology-change>
      time-since-last-topology-change
    </time-since-last-topology-change>
    <topology-change-count>
      topology-change-count
    </topology-change-count>
    <topology-change-initiator>
      topology-change-initiator
    </topology-change-initiator>
    <topology-change-last-received-from>
      topology-change-last-received-from
    </topology-change-last-received-from>
    <extended-system-id>
      extended-system-id

```

```
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</vst-bridge-parameters>
</stp-bridge>
```

Description STP bridge parameters for VLAN Spanning Tree

<vstp-interface-statistics>

Usage

```
<stp-interface-statistics>
<vstp-interface-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
</vstp-interface-statistics>
</stp-interface-statistics>
```

Description Statistics information about one or more VLAN STP interfaces

<vstp-statistics>

Usage

```
<vstp-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <bpdus-sent-5seconds>
```

```

        bpdus-sent-5seconds
      </bpdus-sent-5seconds>
      <bpdus-received-5seconds>
        bpdus-received-5seconds
      </bpdus-received-5seconds>
    </vstp-statistics>

```

Description VLAN Spanning Tree Protocol statistics

<vstp-statistics>

Usage

```

<stp-context-statistics-information>
  <vstp-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <message-type>
      message-type
    </message-type>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <bpdus-sent-5seconds>
      bpdus-sent-5seconds
    </bpdus-sent-5seconds>
    <bpdus-received-5seconds>
      bpdus-received-5seconds
    </bpdus-received-5seconds>
  </vstp-statistics>
</stp-context-statistics-information>

```

Description VLAN Spanning Tree Protocol statistics

Summary of Layer 2 Control Protocol Response Tags

<cist-bridge-parameters>

Usage

```

<cist-bridge-parameters>
  <cist-id>
    cist-id
  </cist-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost

```

```
</root-cost>
<regional-root-bridge>....</regional-root-bridge>
<internal-root-cost>
  internal-root-cost
</internal-root-cost>
<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<msg-age>
  msg-age
</msg-age>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>
  time-since-last-tc
</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<extended-system-id>
  extended-system-id
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<max-hop-count-configured>
  max-hop-count-configured
</max-hop-count-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</cist-bridge-parameters>
```

Description STP bridge parameters for Common and Internal Spanning Tree

<cist-bridge-parameters>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
```

```
<cist-id>
  cist-id
</cist-id>
<root-bridge>....</root-bridge>
<root-port>
  root-port
</root-port>
<root-cost>
  root-cost
</root-cost>
<regional-root-bridge>....</regional-root-bridge>
<internal-root-cost>
  internal-root-cost
</internal-root-cost>
<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<msg-age>
  msg-age
</msg-age>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>
  time-since-last-tc
</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<extended-system-id>
  extended-system-id
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<max-hop-count-configured>
  max-hop-count-configured
</max-hop-count-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</cist-bridge-parameters>
```

</stp-bridge>

Description STP bridge parameters for Common and Internal Spanning Tree

<dot1x-authentication-failed-users>

Usage

```
<dot1x-interface-information>
  <dot1x-authentication-failed-users>
    <authentication-failed-interface>
      authentication-failed-interface
    </authentication-failed-interface>
    <authentication-failed-mac-addr>
      authentication-failed-mac-addr
    </authentication-failed-mac-addr>
    <authentication-failed-user>
      authentication-failed-user
    </authentication-failed-user>
  </dot1x-authentication-failed-users>
</dot1x-interface-information>
```

Description List of users who failed authentication

<dot1x-interface-information>

Usage

```
<dot1x-interface-information>
  <interface>....</interface>
  <dot1x-static-mac-address>....</dot1x-static-mac-address>
  <dot1x-authentication-failed-users>....</dot1x-authentication-failed-users>
</dot1x-interface-information>
```

Description

<dot1x-static-mac-address>

Usage

```
<dot1x-interface-information>
  <dot1x-static-mac-address>
    <static-mac-address>
      static-mac-address
    </static-mac-address>
    <static-mac-vlan-assignment>
      static-mac-vlan-assignment
    </static-mac-vlan-assignment>
    <static-mac-interface>
      static-mac-interface
    </static-mac-interface>
  </dot1x-static-mac-address>
</dot1x-interface-information>
```


Description Information about configured static MAC addresses

<erp-data-channel-entry>

Usage

```
<erp-data-channel-entry>
  <data-channel-interface-name>
    data-channel-interface-name
  </data-channel-interface-name>
  <data-channel-stp-index>
    data-channel-stp-index
  </data-channel-stp-index>
  <data-channel-forward-state>
    data-channel-forward-state
  </data-channel-forward-state>
</erp-data-channel-entry>
```

Description Data channel information about Ring port of a Ethernet Ring instance

<erp-data-channel-entry>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>
    <erp-data-channel-interfaces>
      <erp-data-channel-entry>
        <data-channel-interface-name>
          data-channel-interface-name
        </data-channel-interface-name>
        <data-channel-stp-index>
          data-channel-stp-index
        </data-channel-stp-index>
        <data-channel-forward-state>
          data-channel-forward-state
        </data-channel-forward-state>
      </erp-data-channel-entry>
    </erp-data-channel-interfaces>
  </erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information about Ring port of a Ethernet Ring instance

<erp-data-channel-information>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>....</erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information for one or more ethernet ring instances

<erp-data-channel-interfaces>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>
    <erp-data-channel-interfaces>
      <erp-data-channel-entry>....</erp-data-channel-entry>
    </erp-data-channel-interfaces>
  </erp-data-channels>
</erp-data-channel-information>
```

Description Data channel information about ring ports

<erp-data-channels>

Usage

```
<erp-data-channel-information>
  <erp-data-channels>
    <erp-data-channel-protection-group-name>
      erp-data-channel-protection-group-name
    </erp-data-channel-protection-group-name>
    <erp-data-channel-interfaces>....</erp-data-channel-interfaces>
  </erp-data-channels>
</erp-data-channel-information>
```

Description

<erp-ifbd-entries>

Usage

```
<erp-ifbd-information>
  <erp-ifbds>
    <erp-ifbd-entries>
      <erp-ifbd-entry>....</erp-ifbd-entry>
    </erp-ifbd-entries>
  </erp-ifbds>
</erp-ifbd-information>
```

Description VLAN information for one specific iring port

<erp-ifbd-entry>

Usage

```
<erp-ifbd-entry>
  <erp-ifbd-interface-name>
    erp-ifbd-interface-name
  </erp-ifbd-interface-name>
  <erp-ifbd-vlan>
    erp-ifbd-vlan
  </erp-ifbd-vlan>
  <erp-ifbd-stp-index>
    erp-ifbd-stp-index
```

```

    </erp-ifbd-stp-index>
    <erp-ifbd-bridge-domain>
      erp-ifbd-bridge-domain
    </erp-ifbd-bridge-domain>
  </erp-ifbd-entry>

```

Description IFBD information controlled by a Ethernet Ring instance

<erp-ifbd-entry>

Usage

```

<erp-ifbd-information>
  <erp-ifbds>
    <erp-ifbd-entries>
      <erp-ifbd-entry>
        <erp-ifbd-interface-name>
          erp-ifbd-interface-name
        </erp-ifbd-interface-name>
        <erp-ifbd-vlan>
          erp-ifbd-vlan
        </erp-ifbd-vlan>
        <erp-ifbd-stp-index>
          erp-ifbd-stp-index
        </erp-ifbd-stp-index>
        <erp-ifbd-bridge-domain>
          erp-ifbd-bridge-domain
        </erp-ifbd-bridge-domain>
      </erp-ifbd-entry>
    </erp-ifbd-entries>
  </erp-ifbds>
</erp-ifbd-information>

```

Description IFBD information controlled by a Ethernet Ring instance

<erp-ifbd-information>

Usage

```

<erp-ifbd-information>
  <erp-ifbds>....</erp-ifbds>
</erp-ifbd-information>

```

Description IFBD information for one or more ethernet ring instances

<erp-ifbds>

Usage

```

<erp-ifbd-information>
  <erp-ifbds>
    <erp-ifbd-protection-group-name>
      erp-ifbd-protection-group-name
    </erp-ifbd-protection-group-name>
  </erp-ifbds>

```

```
<erp-ifbd-entries>....</erp-ifbd-entries>
</erp-ifbds>
</erp-ifbd-information>
```

Description

<erp-interface-entry>

Usage

```
<erp-interface-entry>
  <erp-interface-name>
    erp-interface-name
  </erp-interface-name>
  <control-channel-name>
    control-channel-name
  </control-channel-name>
  <forward-state>
    forward-state
  </forward-state>
  <rpl-end>
    rpl-end
  </rpl-end>
  <sf-flag>
    sf-flag
  </sf-flag>
  <interface-state>
    interface-state
  </interface-state>
</erp-interface-entry>
```

Description Information about Ethernet Ring port of a Ethernet Ring Protection group

<erp-interface-entry>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>
    <erp-interfaces>
      <erp-interface-entry>
        <erp-interface-name>
          erp-interface-name
        </erp-interface-name>
        <control-channel-name>
          control-channel-name
        </control-channel-name>
        <forward-state>
          forward-state
        </forward-state>
        <rpl-end>
          rpl-end
        </rpl-end>
        <sf-flag>
          sf-flag
        </sf-flag>
```

```

    <interface-state>
      interface-state
    </interface-state>
  </erp-interface-entry>
</erp-interfaces>
</ethernet-ring-pg>
</erp-interface-information>

```

Description Information about Ethernet Ring port of a Ethernet Ring Protection group

<erp-interface-information>

Usage

```

<erp-interface-information>
  <ethernet-ring-pg>....</ethernet-ring-pg>
</erp-interface-information>

```

Description Information about ring ports for one or more ethernet ring protection groups

<erp-interfaces>

Usage

```

<erp-interface-information>
  <ethernet-ring-pg>
    <erp-interfaces>
      <erp-interface-entry>....</erp-interface-entry>
    </erp-interfaces>
  </ethernet-ring-pg>
</erp-interface-information>

```

Description Information about ring ports

<erp-raps>

Usage

```

<erp-raps-information>
  <erp-raps>
    <erp-raps-entry>....</erp-raps-entry>
  </erp-raps>
</erp-raps-information>

```

Description

<erp-raps-entry>

Usage

```

<erp-raps-entry>
  <protection-group-name>
    protection-group-name
  </protection-group-name>
  <aps-state>

```

```
    aps-state
  </aps-state>
  <aps-event>
    aps-event
  </aps-event>
  <rpl-owner>
    rpl-owner
  </rpl-owner>
  <wtr-timer>
    wtr-timer
  </wtr-timer>
  <guard-timer>
    guard-timer
  </guard-timer>
  <operation-state>
    operation-state
  </operation-state>
</erp-raps-entry>
```

Description Information about Ethernet Ring Automatic Protection Switching state machine of a protection group

<erp-raps-entry>

Usage

```
<erp-raps-information>
  <erp-raps>
    <erp-raps-entry>
      <protection-group-name>
        protection-group-name
      </protection-group-name>
      <aps-state>
        aps-state
      </aps-state>
      <aps-event>
        aps-event
      </aps-event>
      <rpl-owner>
        rpl-owner
      </rpl-owner>
      <wtr-timer>
        wtr-timer
      </wtr-timer>
      <guard-timer>
        guard-timer
      </guard-timer>
      <operation-state>
        operation-state
      </operation-state>
    </erp-raps-entry>
  </erp-raps>
</erp-raps-information>
```

Description Information about Ethernet Ring Automatic Protection Switching state machine of a protection group

<erp-raps-information>

Usage

```
<erp-raps-information>
  <erp-raps>....</erp-raps>
</erp-raps-information>
```

Description Information about RAPS state machine of one or more ethernet rings

<erp-rpdu-entry>

Usage

```
<erp-rpdu-entry>
  <protection-group-name>
    protection-group-name
  </protection-group-name>
  <request-state>
    request-state
  </request-state>
  <dnf-flag>
    dnf-flag
  </dnf-flag>
  <rb-flag>
    rb-flag
  </rb-flag>
  <originator>
    originator
  </originator>
  <remote-node-id>
    remote-node-id
  </remote-node-id>
</erp-rpdu-entry>
```

Description Information about Ethernet Ring RAPS PDU of a Ethernet Ring Protection group

<erp-rpdu-entry>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>
    <erp-rpdu-entry>
      <protection-group-name>
        protection-group-name
      </protection-group-name>
      <request-state>
        request-state
      </request-state>
      <dnf-flag>
        dnf-flag
```

```
</dnf-flag>
<rb-flag>
  rb-flag
</rb-flag>
<originator>
  originator
</originator>
<remote-node-id>
  remote-node-id
</remote-node-id>
</erp-rpdu-entry>
</erp-rpdus>
</erp-rpdu-information>
```

Description Information about Ethernet Ring RAPS PDU of a Ethernet Ring Protection group

<erp-rpdu-information>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>.....</erp-rpdus>
</erp-rpdu-information>
```

Description Information about one or more ethernet rings

<erp-rpdus>

Usage

```
<erp-rpdu-information>
  <erp-rpdus>
    <erp-rpdu-entry>.....</erp-rpdu-entry>
  </erp-rpdus>
</erp-rpdu-information>
```

Description

<ethernet-ring-pg>

Usage

```
<erp-interface-information>
  <ethernet-ring-pg>
    <erp-protection-group-name>
      erp-protection-group-name
    </erp-protection-group-name>
    <erp-interfaces>.....</erp-interfaces>
  </ethernet-ring-pg>
</erp-interface-information>
```

Description

<ethernet-ring-statistics>**Usage**

```

<ethernet-ring-statistics>
  <protection-group-name>
    protection-group-name
  </protection-group-name>
  <raps-event-sent>
    raps-event-sent
  </raps-event-sent>
  <raps-event-received>
    raps-event-received
  </raps-event-received>
  <raps-local-sf>
    raps-local-sf
  </raps-local-sf>
  <raps-remote-sf>
    raps-remote-sf
  </raps-remote-sf>
  <raps-nr>
    raps-nr
  </raps-nr>
  <raps-nr-rb>
    raps-nr-rb
  </raps-nr-rb>
</ethernet-ring-statistics>

```

Description Ethernet Ring protection group statistics

<interface>**Usage**

```

<dot1x-interface-information>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <user-name>
      user-name
    </user-name>
    <user-mac-address>
      user-mac-address
    </user-mac-address>
    <role>
      role
    </role>
    <state>
      state
    </state>
    <administrative-state>
      administrative-state
    </administrative-state>
    <administrative-mode>
      administrative-mode

```

```
</administrative-mode>
<number-of-retries>
  number-of-retries
</number-of-retries>
<quiet-period>
  quiet-period
</quiet-period>
<transmit-period>
  transmit-period
</transmit-period>
<reauthentication>
  reauthentication
</reauthentication>
<reauthentication-interval>
  reauthentication-interval
</reauthentication-interval>
<supplicant-timeout>
  supplicant-timeout
</supplicant-timeout>
<server-timeout>
  server-timeout
</server-timeout>
<max-eapol-request>
  max-eapol-request
</max-eapol-request>
<frame-control>
  frame-control
</frame-control>
<guest-vlan>
  guest-vlan
</guest-vlan>
<number-of-authentication-bypassed-clients>
  number-of-authentication-bypassed-clients
</number-of-authentication-bypassed-clients>
<static-mac-bypass>
  static-mac-bypass
</static-mac-bypass>
<number-of-connected-supPLICANTS>
  number-of-connected-supPLICANTS
</number-of-connected-supPLICANTS>
<reauthentication-due>
  reauthentication-due
</reauthentication-due>
</interface>
</dot1x-interface-information>
```

Description

<l2pt-interface-entry>

Usage

```
<l2pt-interface-list>
  <l2pt-interface-entry>
    <interface-name>
      interface-name
```

```

</interface-name>
<protocols>
  protocols
</protocols>
</l2pt-interface-entry>
</l2pt-interface-list>

```

Description

<l2pt-interface-list>

Usage

```

<l2pt-interface-list>
<l2pt-interface-entry>....</l2pt-interface-entry>
</l2pt-interface-list>

```

Description L2PT interface information

<mmrp-applicant-entry>

Usage

```

<mmrp-applicant-entry>
<mmrp-applicant-mac-address>
  mmrp-applicant-mac-address
</mmrp-applicant-mac-address>
<mmrp-applicant-interface-name>
  mmrp-applicant-interface-name
</mmrp-applicant-interface-name>
<mmrp-applicant-state>
  mmrp-applicant-state
</mmrp-applicant-state>
</mmrp-applicant-entry>

```

Description Information about Applicant state

<mmrp-applicant-entry>

Usage

```

<mmrp-applicant-information>
<mmrp-applicant-mmrip-instance>
<mmrp-applicant-entry-information>
  <mmrp-applicant-entry>
    <mmrp-applicant-mac-address>
      mmrip-applicant-mac-address
    </mmrp-applicant-mac-address>
    <mmrp-applicant-interface-name>
      mmrip-applicant-interface-name
    </mmrp-applicant-interface-name>
    <mmrp-applicant-state>
      mmrip-applicant-state
    </mmrip-applicant-state>
  </mmrip-applicant-entry>

```

```
        </mmrp-applicant-entry-information>
      </mmrp-applicant-mmrip-instance>
    </mmrp-applicant-information>
```

Description Information about Applicant state

<mmrp-applicant-entry-information>

Usage

```
    <mmrp-applicant-information>
      <mmrp-applicant-mmrip-instance>
        <mmrp-applicant-entry-information>
          <mmrp-applicant-entry>....</mmrp-applicant-entry>
        </mmrp-applicant-entry-information>
      </mmrp-applicant-mmrip-instance>
    </mmrp-applicant-information>
```

Description Applicant state information

<mmrp-applicant-information>

Usage

```
    <mmrp-applicant-information>
      <mmrp-applicant-mmrip-instance>....</mmrp-applicant-mmrip-instance>
    </mmrp-applicant-information>
```

Description Information about multicast MAC Applicant state

<mmrp-applicant-mmrip-instance>

Usage

```
    <mmrp-applicant-information>
      <mmrp-applicant-mmrip-instance>
        <mmrp-applicant-instance-name>
          mmrip-applicant-instance-name
        </mmrp-applicant-instance-name>
        <mmrp-applicant-entry-information>....</mmrp-applicant-entry-information>
      </mmrp-applicant-mmrip-instance>
    </mmrp-applicant-information>
```

Description

<mmrip-interface-entry>

Usage

```
    <mmrip-interface-entry>
      <mmrip-interface-interface-name>
        mmrip-interface-interface-name
      </mmrip-interface-interface-name>
      <mmrip-interface-state>
        mmrip-interface-state
      </mmrip-interface-state>
```

```

    </mmrp-interface-state>
  </mmrp-interface-entry>

```

Description Information about interface and state

<mmrp-interface-entry>

Usage

```

<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>
    <mmrp-interface-entry-information>
      <mmrp-interface-entry>
        <mmrp-interface-interface-name>
          mmrp-interface-interface-name
        </mmrp-interface-interface-name>
        <mmrp-interface-state>
          mmrp-interface-state
        </mmrp-interface-state>
      </mmrp-interface-entry>
    </mmrp-interface-entry-information>
  </mmrp-interface-mmrp-instance>
</mmrp-interface-information>

```

Description Information about interface and state

<mmrp-interface-entry-information>

Usage

```

<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>
    <mmrp-interface-entry-information>
      <mmrp-interface-entry>....</mmrp-interface-entry>
    </mmrp-interface-entry-information>
  </mmrp-interface-mmrp-instance>
</mmrp-interface-information>

```

Description Interface information

<mmrp-interface-information>

Usage

```

<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>....</mmrp-interface-mmrp-instance>
</mmrp-interface-information>

```

Description Information about interfaces

<mmrp-interface-mmrp-instance>

Usage

```
<mmrp-interface-information>
  <mmrp-interface-mmrp-instance>
    <mmrp-interface-instance-name>
      mmrp-interface-instance-name
    </mmrp-interface-instance-name>
    <mmrp-interface-entry-information>....</mmrp-interface-entry-information>
  </mmrp-interface-mmrp-instance>
</mmrp-interface-information>
```

Description

<mmrp-maclist-entry>

Usage

```
<mmrp-maclist-entry>
  <mmrp-maclist-mac-address>
    mmrp-maclist-mac-address
  </mmrp-maclist-mac-address>
  <mmrp-maclist-mac-type>
    mmrp-maclist-mac-type
  </mmrp-maclist-mac-type>
  <mmrp-maclist-mac-isid>
    mmrp-maclist-mac-isid
  </mmrp-maclist-mac-isid>
  <mmrp-maclist-mac-map_count>
    mmrp-maclist-mac-map_count
  </mmrp-maclist-mac-map_count>
</mmrp-maclist-entry>
```

Description Information about multicast MAC

<mmrp-maclist-entry>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrp-instance>
    <mmrp-maclist-entry-information>
      <mmrp-maclist-entry>
        <mmrp-maclist-mac-address>
          mmrp-maclist-mac-address
        </mmrp-maclist-mac-address>
        <mmrp-maclist-mac-type>
          mmrp-maclist-mac-type
        </mmrp-maclist-mac-type>
        <mmrp-maclist-mac-isid>
          mmrp-maclist-mac-isid
        </mmrp-maclist-mac-isid>
        <mmrp-maclist-mac-map_count>
          mmrp-maclist-mac-map_count
        </mmrp-maclist-mac-map_count>
      </mmrp-maclist-entry>
    </mmrp-maclist-entry-information>
  </mmrp-maclist-mmrp-instance>
</mmrp-maclist-information>
```

```
</mmrp-maclist-entry>
</mmrp-maclist-entry-information>
</mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>
```

Description Information about multicast MAC

<mmrp-maclist-entry-information>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>
    <mmrp-maclist-entry-information>
      <mmrp-maclist-entry>....</mmrp-maclist-entry>
    </mmrp-maclist-entry-information>
  </mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>
```

Description MAC list information

<mmrp-maclist-information>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>....</mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>
```

Description Information about multicast MAC list

<mmrp-maclist-mmrip-instance>

Usage

```
<mmrp-maclist-information>
  <mmrp-maclist-mmrip-instance>
    <mmrp-maclist-instance-name>
      mmrip-maclist-instance-name
    </mmrp-maclist-instance-name>
    <mmrp-maclist-entry-information>....</mmrp-maclist-entry-information>
  </mmrp-maclist-mmrip-instance>
</mmrp-maclist-information>
```

Description

<mmrp-mactable-entry>

Usage

```
<mmrp-mactable-entry>
  <mmrp-mactable-mac-address>
    mmrip-mactable-mac-address
  </mmrp-mactable-mac-address>
  <mmrp-mactable-nexthop>
```

```
    mmrp-mactable-nexthop
  </mmrp-mactable-nexthop>
  <mmrp-mactable-token>
    mmrp-mactable-token
  </mmrp-mactable-token>
  <mmrp-mactable-interface>....</mmrp-mactable-interface>
</mmrp-mactable-entry>
```

Description Information about MAC table

<mmrp-mactable-entry>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-entry-information>
      <mmrp-mactable-entry>
        <mmrp-mactable-mac-address>
          mmrp-mactable-mac-address
        </mmrp-mactable-mac-address>
        <mmrp-mactable-nexthop>
          mmrp-mactable-nexthop
        </mmrp-mactable-nexthop>
        <mmrp-mactable-token>
          mmrp-mactable-token
        </mmrp-mactable-token>
        <mmrp-mactable-interface>....</mmrp-mactable-interface>
      </mmrp-mactable-entry>
    </mmrp-mactable-entry-information>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description Information about MAC table

<mmrp-mactable-entry-information>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-entry-information>
      <mmrp-mactable-entry>....</mmrp-mactable-entry>
    </mmrp-mactable-entry-information>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description MAC table information

<mmrp-mactable-information>

Usage

```
<mmrp-mactable-information>
```



```
<mmrp-mactable-mmrip-instance>....</mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description Information about multicast MAC table

<mmrp-mactable-interface>

Usage

```
<mmrp-mactable-entry>
  <mmrp-mactable-interface>
    <mmrp-mactable-interface-name>
      mmrp-mactable-interface-name
    </mmrp-mactable-interface-name>
    <mmrp-mactable-interface-action>
      mmrp-mactable-interface-action
    </mmrp-mactable-interface-action>
  </mmrp-mactable-interface>
</mmrp-mactable-entry>
```

Description

<mmrp-mactable-interface>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-entry-information>
      <mmrp-mactable-entry>
        <mmrp-mactable-interface>
          <mmrp-mactable-interface-name>
            mmrp-mactable-interface-name
          </mmrp-mactable-interface-name>
          <mmrp-mactable-interface-action>
            mmrp-mactable-interface-action
          </mmrp-mactable-interface-action>
        </mmrp-mactable-interface>
      </mmrp-mactable-entry>
    </mmrp-mactable-entry-information>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description

<mmrp-mactable-mmrip-instance>

Usage

```
<mmrp-mactable-information>
  <mmrp-mactable-mmrip-instance>
    <mmrp-mactable-instance-name>
      mmrp-mactable-instance-name
    </mmrp-mactable-instance-name>
    <mmrp-mactable-bridge-domain-name>
      mmrp-mactable-bridge-domain-name
    </mmrp-mactable-bridge-domain-name>
  </mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

```
</mmrp-mactable-bridge-domain-name>
<mmrp-mactable-vlan-id>
  mmrp-mactable-vlan-id
</mmrp-mactable-vlan-id>
<mmrp-mactable-entry-information>....</mmrp-mactable-entry-information>
</mmrp-mactable-mmrip-instance>
</mmrp-mactable-information>
```

Description

<mmrp-registration-entry>

Usage

```
<mmrp-registration-entry>
  <mmrp-registration-mac-address>
    mmrp-registration-mac-address
  </mmrp-registration-mac-address>
  <mmrp-registration-interface-name>
    mmrp-registration-interface-name
  </mmrp-registration-interface-name>
  <mmrp-registration-state>
    mmrp-registration-state
  </mmrp-registration-state>
  <mmrp-registration-forced-state>
    mmrp-registration-forced-state
  </mmrp-registration-forced-state>
  <mmrp-registration-manage-state>
    mmrp-registration-manage-state
  </mmrp-registration-manage-state>
  <mmrp-registration-stp-state>
    mmrp-registration-stp-state
  </mmrp-registration-stp-state>
</mmrp-registration-entry>
```

Description Information about registration state

<mmrp-registration-entry>

Usage

```
<mmrp-registration-information>
  <mmrp-registration-mmrip-instance>
    <mmrp-registration-entry-information>
      <mmrp-registration-entry>
        <mmrp-registration-mac-address>
          mmrp-registration-mac-address
        </mmrp-registration-mac-address>
        <mmrp-registration-interface-name>
          mmrp-registration-interface-name
        </mmrp-registration-interface-name>
        <mmrp-registration-state>
          mmrp-registration-state
        </mmrp-registration-state>
        <mmrp-registration-forced-state>
          mmrp-registration-forced-state
```

```

</mmrp-registration-forced-state>
<mmrp-registration-manage-state>
  mmrp-registration-manage-state
</mmrp-registration-manage-state>
<mmrp-registration-stp-state>
  mmrp-registration-stp-state
</mmrp-registration-stp-state>
</mmrp-registration-entry>
</mmrp-registration-entry-information>
</mmrp-registration-mmrip-instance>
</mmrp-registration-information>

```

Description Information about registration state

<mmrp-registration-entry-information>

Usage

```

<mmrp-registration-information>
  <mmrp-registration-mmrip-instance>
    <mmrp-registration-entry-information>
      <mmrp-registration-entry>....</mmrp-registration-entry>
    </mmrp-registration-entry-information>
  </mmrp-registration-mmrip-instance>
</mmrp-registration-information>

```

Description Registration state information

<mmrp-registration-information>

Usage

```

<mmrp-registration-information>
  <mmrp-registration-mmrip-instance>....</mmrp-registration-mmrip-instance>
</mmrp-registration-information>

```

Description Information about multicast MAC Registration state

<mmrp-registration-mmrip-instance>

Usage

```

<mmrp-registration-information>
  <mmrp-registration-mmrip-instance>
    <mmrp-registration-instance-name>
      mmrp-registration-instance-name
    </mmrp-registration-instance-name>
    <mmrp-registration-entry-information>....</mmrp-registration-entry-information>

  </mmrp-registration-mmrip-instance>
</mmrp-registration-information>

```

Description

<mmrp-statistics-entry>

Usage

```
<mmrp-statistics-entry>
  <mmrp-statistics-interface-name>
    mmrp-statistics-interface-name
  </mmrp-statistics-interface-name>
  <mmrp-statistics-mac-registered>
    mmrp-statistics-mac-registered
  </mmrp-statistics-mac-registered>
  <mmrp-statistics-sent-pdu>
    mmrp-statistics-sent-pdu
  </mmrp-statistics-sent-pdu>
  <mmrp-statistics-received-pdu>
    mmrp-statistics-received-pdu
  </mmrp-statistics-received-pdu>
  <mmrp-statistics-error-pdu>
    mmrp-statistics-error-pdu
  </mmrp-statistics-error-pdu>
</mmrp-statistics-entry>
```

Description Statistics Information

<mmrp-statistics-entry>

Usage

```
<mmrp-statistics-information>
  <mmrp-statistics-mmrp-instance>
    <mmrp-statistics-entry-information>
      <mmrp-statistics-entry>
        <mmrp-statistics-interface-name>
          mmrp-statistics-interface-name
        </mmrp-statistics-interface-name>
        <mmrp-statistics-mac-registered>
          mmrp-statistics-mac-registered
        </mmrp-statistics-mac-registered>
        <mmrp-statistics-sent-pdu>
          mmrp-statistics-sent-pdu
        </mmrp-statistics-sent-pdu>
        <mmrp-statistics-received-pdu>
          mmrp-statistics-received-pdu
        </mmrp-statistics-received-pdu>
        <mmrp-statistics-error-pdu>
          mmrp-statistics-error-pdu
        </mmrp-statistics-error-pdu>
      </mmrp-statistics-entry>
    </mmrp-statistics-entry-information>
  </mmrp-statistics-mmrp-instance>
</mmrp-statistics-information>
```

Description Statistics Information

<mmrp-statistics-entry-information>

Usage

```

<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>
    <mmrp-statistics-entry-information>
      <mmrp-statistics-entry>....</mmrp-statistics-entry>
    </mmrp-statistics-entry-information>
  </mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>

```

Description Statistics information

<mmrp-statistics-information>

Usage

```

<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>....</mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>

```

Description Information about multicast MAC statistics state

<mmrp-statistics-mmrip-instance>

Usage

```

<mmrp-statistics-information>
  <mmrp-statistics-mmrip-instance>
    <mmrp-statistics-instance-name>
      mmrp-statistics-instance-name
    </mmrp-statistics-instance-name>
    <mmrp-statistics-entry-information>....</mmrp-statistics-entry-information>
  </mmrp-statistics-mmrip-instance>
</mmrp-statistics-information>

```

Description

<msti-bridge-parameters>

Usage

```

<msti-bridge-parameters>
  <msti-id>
    msti-id
  </msti-id>
  <msti-regional-root-bridge>....</msti-regional-root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned

```

```
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<max-hop-count-configured>
  max-hop-count-configured
</max-hop-count-configured>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>
  time-since-last-tc
</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<extended-system-id>
  extended-system-id
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>
```

Description STP bridge parameters for Multiple Spanning Tree instances

<msti-bridge-parameters>

Usage

```
<stp-bridge>
<msti-bridge-parameters>
  <msti-id>
    msti-id
  </msti-id>
  <msti-regional-root-bridge>....</msti-regional-root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
```

```

<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<max-hop-count-configured>
  max-hop-count-configured
</max-hop-count-configured>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>
  time-since-last-tc
</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<extended-system-id>
  extended-system-id
</extended-system-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>
</stp-bridge>

```

Description STP bridge parameters for Multiple Spanning Tree instances

<msti-regional-root-bridge>

Usage

```

<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </msti-regional-root-bridge>

```

```
</msti-bridge-parameters>
```

Description MSTI regional root identifier

<msti-regional-root-bridge>

Usage

```
<stp-bridge>
<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </msti-regional-root-bridge>
</msti-bridge-parameters>
</stp-bridge>
```

Description MSTI regional root identifier

<mstp-configuration>

Usage

```
<mstp-configuration>
<context-id>
  context-id
</context-id>
<mstp-name>
  mstp-name
</mstp-name>
<mstp-revision>
  mstp-revision
</mstp-revision>
<mstp-configuration-digest>
  mstp-configuration-digest
</mstp-configuration-digest>
<vlan-map>....</vlan-map>
</mstp-configuration>
```

Description Information about Multiple Spanning Tree protocol configuration

<mvrp>

Usage

```
<mvrp>
<mvrp-information>....</mvrp-information>
<mvrp-vlans>....</mvrp-vlans>
<mvrp-dynamic-vlan-information>....</mvrp-dynamic-vlan-information>
<mvrp-statistics>....</mvrp-statistics>
```


</mvrp>

Description

<mvrp-dynamic-vlan-information>

Usage

```
<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-vmember-vlanname>
      mvrp-vmember-vlanname
    </mvrp-vmember-vlanname>
    <mvrp-dynamic-vmembers>....</mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>
</mvrp>
```

Description

<mvrp-dynamic-vmember-information>

Usage

```
<mvrp>
  <mvrp-vlans>
    <mvrp-dynamic-vmember-information>
      <mvrp-vmember-name>
        mvrp-vmember-name
      </mvrp-vmember-name>
    </mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>
```

Description

<mvrp-dynamic-vmembers>

Usage

```
<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-dynamic-vmembers>
      <mvrp-vmember-interface>
        mvrp-vmember-interface
      </mvrp-vmember-interface>
    </mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>
</mvrp>
```

Description

<mvrp-information>

Usage

```
<mvrp>
  <mvrp-information>
```

```
<mvrp-status>
  mvrp-status
</mvrp-status>
<mvrp-dynamic-vlan>
  mvrp-dynamic-vlan
</mvrp-dynamic-vlan>
<mvrp-intf-timers>....</mvrp-intf-timers>
<mvrp-interface-information>....</mvrp-interface-information>
</mvrp-information>
</mvrp>
```

Description

<mvrp-interface-information>

Usage

```
<mvrp>
<mvrp-information>
  <mvrp-interface-information>
    <mvrp-interface-name>
      mvrp-interface-name
    </mvrp-interface-name>
    <mvrp-interface-status>
      mvrp-interface-status
    </mvrp-interface-status>
    <mvrp-interface-reg-ctrl>
      mvrp-interface-reg-ctrl
    </mvrp-interface-reg-ctrl>
  </mvrp-interface-information>
</mvrp-information>
</mvrp>
```

Description

<mvrp-intf-timers>

Usage

```
<mvrp>
<mvrp-information>
  <mvrp-intf-timers>
    <mvrp-tmr-intf>
      mvrp-tmr-intf
    </mvrp-tmr-intf>
    <mvrp-tmr-join>
      mvrp-tmr-join
    </mvrp-tmr-join>
    <mvrp-tmr-leave>
      mvrp-tmr-leave
    </mvrp-tmr-leave>
    <mvrp-tmr-leaveall>
      mvrp-tmr-leaveall
    </mvrp-tmr-leaveall>
  </mvrp-intf-timers>
</mvrp-information>
```

```
</mvrp>
```

Description

<mvrp-statistics>

Usage

```
<mvrp>
  <mvrp-statistics>
    <mvrp-statistics-interface-name>
      mvrp-statistics-interface-name
    </mvrp-statistics-interface-name>
    <mrpdu-received>
      mrpdu-received
    </mrpdu-received>
    <mrp-invalid-received>
      mrp-invalid-received
    </mrp-invalid-received>
    <mrp-new-received>
      mrp-new-received
    </mrp-new-received>
    <mrp-join-empty-received>
      mrp-join-empty-received
    </mrp-join-empty-received>
    <mrp-join-in-received>
      mrp-join-in-received
    </mrp-join-in-received>
    <mrp-empty-received>
      mrp-empty-received
    </mrp-empty-received>
    <mrp-in-received>
      mrp-in-received
    </mrp-in-received>
    <mrp-leave-received>
      mrp-leave-received
    </mrp-leave-received>
    <mrp-leaveall-received>
      mrp-leaveall-received
    </mrp-leaveall-received>
    <mrpdu-transmit>
      mrpdu-transmit
    </mrpdu-transmit>
    <mrpdu-tx-fail>
      mrpdu-tx-fail
    </mrpdu-tx-fail>
    <mrp-new-transmit>
      mrp-new-transmit
    </mrp-new-transmit>
    <mrp-join-empty-transmit>
      mrp-join-empty-transmit
    </mrp-join-empty-transmit>
    <mrp-join-in-transmit>
      mrp-join-in-transmit
    </mrp-join-in-transmit>
    <mrp-empty-transmit>
```

```
    mrp-empty-transmit
  </mrp-empty-transmit>
  <mrp-in-transmit>
    mrp-in-transmit
  </mrp-in-transmit>
  <mrp-leave-transmit>
    mrp-leave-transmit
  </mrp-leave-transmit>
  <mrp-leaveall-transmit>
    mrp-leaveall-transmit
  </mrp-leaveall-transmit>
</mvrp-statistics>
</mvrp>
```

Description

<mvrp-vlans>

Usage

```
<mvrp>
  <mvrp-vlans>
    <mvrp-vlan-id>
      mvrp-vlan-id
    </mvrp-vlan-id>

    <mvrp-dynamic-vmember-information>....</mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>
```

Description

<regional-root-bridge>

Usage

```
<cist-bridge-parameters>
  <regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </regional-root-bridge>
</cist-bridge-parameters>
```

Description CIST regional root bridge identifier

<regional-root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <regional-root-bridge>
```

```
<bridge-priority>
  bridge-priority
</bridge-priority>
<bridge-mac>
  bridge-mac
</bridge-mac>
</regional-root-bridge>
</cist-bridge-parameters>
</stp-bridge>
```

Description CIST regional root bridge identifier

<root-bridge>

Usage

```
<cist-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</cist-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<vst-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</vst-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <root-bridge>
      <bridge-priority>
```

```
        bridge-priority
      </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</cist-bridge-parameters>
</stp-bridge>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </root-bridge>
  </vst-bridge-parameters>
</stp-bridge>
```

Description Root bridge identifier

<stp-bridge>

Usage

```
<stp-bridge>
  <routing-instance-name>
    routing-instance-name
  </routing-instance-name>
  <context-id>
    context-id
  </context-id>
  <bpdu-destination-mac-address>
    bpdu-destination-mac-address
  </bpdu-destination-mac-address>
  <protocol>
    protocol
  </protocol>
  <cist-bridge-parameters>....</cist-bridge-parameters>
  <msti-bridge-parameters>....</msti-bridge-parameters>
  <vst-bridge-parameters>....</vst-bridge-parameters>
</stp-bridge>
```

Description Information about STP bridge parameters

<stp-context-statistics-information>**Usage**

```

<stp-context-statistics-information>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <bpdus-sent-5seconds>
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
  <vstp-statistics>....</vstp-statistics>
</stp-context-statistics-information>

```

Description Spanning Tree Protocol statistics at routing instance level

<stp-instance>**Usage**

```

<stp-interface-information>
  <stp-instance>
    <instance-id>
      instance-id
    </instance-id>
    <vlan-id>
      vlan-id
    </vlan-id>
    <stp-interfaces>....</stp-interfaces>
  </stp-instance>
</stp-interface-information>

```

Description**<stp-interface-entry>****Usage**

```

<stp-interface-entry>
  <interface-name>
    interface-name
  </interface-name>
  <port-priority>
    port-priority
  </port-priority>
  <port-number>
    port-number

```

```
</port-number>
<designated-port-priority>
  designated-port-priority
</designated-port-priority>
<designated-port-number>
  designated-port-number
</designated-port-number>
<port-cost>
  port-cost
</port-cost>
<port-state>
  port-state
</port-state>
<designated-bridge-priority>
  designated-bridge-priority
</designated-bridge-priority>
<designated-bridge-mac>
  designated-bridge-mac
</designated-bridge-mac>
<port-role>
  port-role
</port-role>
<link-type>
  link-type
</link-type>
<port-migrated-protocol>
  port-migrated-protocol
</port-migrated-protocol>
<boundary-port>
  boundary-port
</boundary-port>
</stp-interface-entry>
```

Description Information about Spanning Tree Protocol interface

<stp-interface-entry>

Usage

```
<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>
        <interface-name>
          interface-name
        </interface-name>
        <port-priority>
          port-priority
        </port-priority>
        <port-number>
          port-number
        </port-number>
        <designated-port-priority>
          designated-port-priority
        </designated-port-priority>
```



```

    <designated-port-number>
      designated-port-number
    </designated-port-number>
    <port-cost>
      port-cost
    </port-cost>
    <port-state>
      port-state
    </port-state>
    <designated-bridge-priority>
      designated-bridge-priority
    </designated-bridge-priority>
    <designated-bridge-mac>
      designated-bridge-mac
    </designated-bridge-mac>
    <port-role>
      port-role
    </port-role>
    <link-type>
      link-type
    </link-type>
    <port-migrated-protocol>
      port-migrated-protocol
    </port-migrated-protocol>
    <boundary-port>
      boundary-port
    </boundary-port>
  </stp-interface-entry>
</stp-interfaces>
</stp-instance>
</stp-interface-information>

```

Description Information about Spanning Tree Protocol interface

<stp-interface-information>

Usage

```

<stp-interface-information>
  <stp-instance>....</stp-instance>
</stp-interface-information>

```

Description Information about one or more Spanning Tree Protocol interfaces for one or more Spanning Tree Protocol instances

<stp-interface-statistics>

Usage

```

<stp-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  <vstp-interface-statistics>....</vstp-interface-statistics>
</stp-interface-statistics>

```

Description Statistics information about one or more STP interfaces

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics-entry>
  <interface-name>
    interface-name
  </interface-name>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <next-bpdu-time>
    next-bpdu-time
  </next-bpdu-time>
</stp-interface-statistics-entry>
```

Description Spanning Tree Protocol interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <next-bpdu-time>
      next-bpdu-time
    </next-bpdu-time>
  </stp-interface-statistics-entry>
</stp-interface-statistics>
```

Description Spanning Tree Protocol interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <vstp-interface-statistics>
    <stp-interface-statistics-entry>
      <interface-name>
        interface-name
      </interface-name>
    </stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>
```

```

</interface-name>
<total-bpdus-sent>
  total-bpdus-sent
</total-bpdus-sent>
<total-bpdus-received>
  total-bpdus-received
</total-bpdus-received>
<next-bpdu-time>
  next-bpdu-time
</next-bpdu-time>
</stp-interface-statistics-entry>
</vstp-interface-statistics>
</stp-interface-statistics>

```

Description Spanning Tree Protocol interface statistics

<stp-interfaces>

Usage

```

<stp-interface-information>
<stp-instance>
  <stp-interfaces>
    <stp-interface-entry>....</stp-interface-entry>
  </stp-interfaces>
</stp-instance>
</stp-interface-information>

```

Description Information about one or more Spanning Tree Protocol interfaces

<stp-kernel-table>

Usage

```

<stp-kernel-table>
<stp-kernel-table-entry>....</stp-kernel-table-entry>
</stp-kernel-table>

```

Description Information about Spanning Tree Protocol kernel table

<stp-kernel-table-entry>

Usage

```

<stp-kernel-table>
<stp-kernel-table-entry>
  <stp-index>
    stp-index
  </stp-index>
  <kernel-if-name>
    kernel-if-name
  </kernel-if-name>
  <kernel-stp-instance>
    kernel-stp-instance

```

```
</kernel-stp-instance>
<kernel-state>
  kernel-state
</kernel-state>
<kernel-action>
  kernel-action
</kernel-action>
<epoch>
  epoch
</epoch>
<hardware-learning>
  hardware-learning
</hardware-learning>
<vpls-flush-sequence>
  vpls-flush-sequence
</vpls-flush-sequence>
<stp-peer-ip>
  stp-peer-ip
</stp-peer-ip>
</stp-kernel-table-entry>
</stp-kernel-table>
```

Description

<task>

Usage

```
<task-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-no-information>
      task-no-information
    </task-no-information>
    <task-timer>.....</task-timer>
  </task>
</task-information>
```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-no-information>
      task-no-information
    </task-no-information>
    <task-timer>.....</task-timer>
  </task>
```

```
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>
```

Description

<task-block>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
```

```
<tb-size>
  tb-size
</tb-size>
<tb-alloc-size>
  tb-alloc-size
</tb-alloc-size>
<tb-terse-transient>
  tb-terse-transient
</tb-terse-transient>
<tb-terse-fullpage>
  tb-terse-fullpage
</tb-terse-fullpage>
<tb-terse-debug>
  tb-terse-debug
</tb-terse-debug>
<tb-alloc-blocks>
  tb-alloc-blocks
</tb-alloc-blocks>
<tb-alloc-bytes>
  tb-alloc-bytes
</tb-alloc-bytes>
<tb-max-alloc-blocks>
  tb-max-alloc-blocks
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-information>

Usage

```
<task-information>
  <task>.....</task>
</task-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
```

```
<tlp-max-alloc-bytes>
  tlp-max-alloc-bytes
</tlp-max-alloc-bytes>
</task-lite-page>
</task-lite-page-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page-list>

Usage

```
<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
```



```

    </tm-function-calls>
  </task-malloc>
</task-malloc-list>

```

Description

<task-malloc>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

```
</task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-allocator-report>

Usage

```
<task-memory-information>
<task-memory-allocator-report>
  <task-block-list>....</task-block-list>
  <task-lite-page-list>....</task-lite-page-list>
  <task-memory-total-bytes>
    task-memory-total-bytes
  </task-memory-total-bytes>
  <task-memory-total-max-bytes>
    task-memory-total-max-bytes
  </task-memory-total-max-bytes>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
  </task-memory-dynamic-allocs>
  <task-memory-max-dynamic-allocs>
    task-memory-max-dynamic-allocs
```

```

</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>

```

Description

<task-memory-malloc-usage-report>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-overall-report>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>

```

```
task-memory-total-bytes
</task-memory-total-bytes>
<task-memory-total-max-bytes>
task-memory-total-max-bytes
</task-memory-total-max-bytes>
<task-memory-total-free-bytes>
task-memory-total-free-bytes
</task-memory-total-free-bytes>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats>

Usage

```
<task-memory-stats>
<tms-name>
tms-name
</tms-name>
<tms-allocs>
tms-allocs
</tms-allocs>
<tms-mallocs>
tms-mallocs
</tms-mallocs>
<tms-alloc-bytes>
tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
<task-memory-overall-report>
<task-memory-stats-list>
<task-memory-stats>
<tms-name>
tms-name
</tms-name>
<tms-allocs>
tms-allocs
```

```

</tms-allocs>
<tms-mallocs>
  tms-mallocs
</tms-mallocs>
<tms-alloc-bytes>
  tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-replication-state>

Usage

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
  <task-protocol-replication-state>
    task-protocol-replication-state
  </task-protocol-replication-state>
  <task-protocol-replication-name>
    task-protocol-replication-name
  </task-protocol-replication-name>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>

Usage

```
<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
      </task-size-block>
    </task-size-block-list>
```

```

<tsb-allocs>
  tsb-allocs
</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-size-block-list>

Usage

```

<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>

```

Description

<task-size-block-list>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description

<task-timer>

Usage

```

<task-information>
  <task>
    <task-timer>
      <timer-name>

```

```
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
</task>
</task-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
```

Description

<task-timer>

Usage

```
<task-timer-information>
<task>
```



```

<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
</task>
</task-timer-information>

```

Description

<task-timer-information>

Usage

```

<task-timer-information>
  <task>....</task>
</task-timer-information>

```

Description

<this-bridge>

Usage

```

<cist-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</cist-bridge-parameters>

```

Description ID of bridge

<this-bridge>

Usage

```
<vst-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</vst-bridge-parameters>
```

Description ID of bridge

<this-bridge>

Usage

```
<msti-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</msti-bridge-parameters>
```

Description ID of bridge

<this-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description ID of bridge

<this-bridge>**Usage**

```

<stp-bridge>
  <msti-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </msti-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<this-bridge>**Usage**

```

<stp-bridge>
  <vst-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </vst-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<vlan-map>**Usage**

```

<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>....</vlan-map-entry>
  </vlan-map>
</mstp-configuration>

```

Description

<vlan-map-entry>**Usage**

```

<mstp-configuration>
  <vlan-map>

```

```
<vlan-map-entry>
  <msti-id>
    msti-id
  </msti-id>
  <vlan-string>
    vlan-string
  </vlan-string>
</vlan-map-entry>
</vlan-map>
</mstp-configuration>
```

Description

<vst-bridge-parameters>

Usage

```
<vst-bridge-parameters>
  <vlan-id>
    vlan-id
  </vlan-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <msg-age>
    msg-age
  </msg-age>
  <time-since-last-tc>
    time-since-last-tc
  </time-since-last-tc>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
```

```

    <forward-delay-configured>
      forward-delay-configured
    </forward-delay-configured>
    <path-cost-method>
      path-cost-method
    </path-cost-method>
  </vst-bridge-parameters>

```

Description STP bridge parameters for VLAN Spanning Tree

<vst-bridge-parameters>

Usage

```

<stp-bridge>
  <vst-bridge-parameters>
    <vlan-id>
      vlan-id
    </vlan-id>
    <root-bridge>....</root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
    </max-age-learned>
    <forward-delay-learned>
      forward-delay-learned
    </forward-delay-learned>
    <msg-age>
      msg-age
    </msg-age>
    <time-since-last-tc>
      time-since-last-tc
    </time-since-last-tc>
    <topology-change-count>
      topology-change-count
    </topology-change-count>
    <extended-system-id>
      extended-system-id
    </extended-system-id>
    <this-bridge>....</this-bridge>
    <hello-time-configured>
      hello-time-configured
    </hello-time-configured>
    <max-age-configured>
      max-age-configured
    </max-age-configured>
    <forward-delay-configured>

```

```
    forward-delay-configured
  </forward-delay-configured>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</vst-bridge-parameters>
</stp-bridge>
```

Description STP bridge parameters for VLAN Spanning Tree

<vstp-interface-statistics>

Usage

```
<stp-interface-statistics>
  <vstp-interface-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>
```

Description Statistics information about one or more VLAN STP interfaces

<vstp-statistics>

Usage

```
<vstp-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <bpdus-sent-5seconds>
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
</vstp-statistics>
```

Description VLAN Spanning Tree Protocol statistics

<vstp-statistics>

Usage

```

<stp-context-statistics-information>
  <vstp-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <message-type>
      message-type
    </message-type>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <bpdus-sent-5seconds>
      bpdus-sent-5seconds
    </bpdus-sent-5seconds>
    <bpdus-received-5seconds>
      bpdus-received-5seconds
    </bpdus-received-5seconds>
  </vstp-statistics>
</stp-context-statistics-information>

```

Description VLAN Spanning Tree Protocol statistics

Summary of sFLOW Response Tags

<sflow>

Usage

```

<sflow>
  <sflow-information>....</sflow-information>
  <sflow-collector>....</sflow-collector>
  <sflow-interface>....</sflow-interface>
</sflow>

```

Description

<sflow-collector>

Usage

```

<sflow>
  <sflow-collector>
    <remote-collector-interface-address>
      remote-collector-interface-address
    </remote-collector-interface-address>
    <collector-udp-port>
      collector-udp-port
    </collector-udp-port>
  </sflow-collector>
</sflow>

```

```
<collector-number-of-samples>
  collector-number-of-samples
</collector-number-of-samples>
</sflow-collector>
</sflow>
```

Description

<sflow-information>

Usage

```
<sflow>
  <sflow-information>
    <sflow-status>
      sflow-status
    </sflow-status>
    <sflow-sample-limit>
      sflow-sample-limit
    </sflow-sample-limit>
    <sflow-polling-interval>
      sflow-polling-interval
    </sflow-polling-interval>
    <sflow-sample-rate-egress>
      sflow-sample-rate-egress
    </sflow-sample-rate-egress>
    <sflow-sample-rate-ingress>
      sflow-sample-rate-ingress
    </sflow-sample-rate-ingress>
    <sflow-agent-id>
      sflow-agent-id
    </sflow-agent-id>
    <sflow-source-ip>
      sflow-source-ip
    </sflow-source-ip>
  </sflow-information>
</sflow>
```

Description

<sflow-interface>

Usage

```
<sflow>
  <sflow-interface>
    <interface-status-egress>
      interface-status-egress
    </interface-status-egress>
    <interface-status-ingress>
      interface-status-ingress
    </interface-status-ingress>
    <interface-name>
      interface-name
    </interface-name>
    <interface-sample-rate-egress>
```



```

        interface-sample-rate-egress
      </interface-sample-rate-egress>
      <interface-sample-rate-ingress>
        interface-sample-rate-ingress
      </interface-sample-rate-ingress>
      <interface-adapt-sample-rate-egress>
        interface-adapt-sample-rate-egress
      </interface-adapt-sample-rate-egress>
      <interface-adapt-sample-rate-ingress>
        interface-adapt-sample-rate-ingress
      </interface-adapt-sample-rate-ingress>
      <interface-polling-interval>
        interface-polling-interval
      </interface-polling-interval>
    </sflow-interface>
  </sflow>

```

Description

Summary of VCCP Response Tags

<backup-info-tlv>

Usage

```

<vccp-tlv>
  <backup-info-tlv>
    <system-name>
      system-name
    </system-name>
  </backup-info-tlv>
</vccp-tlv>

```

Description

<backup-info-tlv>

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <backup-info-tlv>
      <system-name>
        system-name
      </system-name>
    </backup-info-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description

<backup-info-tlv>

Usage

```

<vccp-database>

```

```
<vccp-database-entry>
  <vccp-tlv>
    <backup-info-tlv>
      <system-name>
        system-name
      </system-name>
    </backup-info-tlv>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description

<backup-info-tlv>

Usage

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <backup-info-tlv>
          <system-name>
            system-name
          </system-name>
        </backup-info-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>
```

Description

<chassis-pic-mode-information>

Usage

```
<chassis-pic-mode-information>
  <chassis-pic-mode>
    chassis-pic-mode
  </chassis-pic-mode>
</chassis-pic-mode-information>
```

Description

<destination-reachability>

Usage

```
<virtual-chassis-active-topology>
  <destination-reachability>
    <destination-member>
      destination-member
    </destination-member>
    <nexthop-list>
      nexthop-list
    </nexthop-list>
```

```

</destination-reachability>
</virtual-chassis-active-topology>

```

Description

<device>

Usage

```

<virtual-chassis-device-information>
  <device-list>
    <device>
      <member-id>
        member-id
      </member-id>
      <device-id>
        device-id
      </device-id>
      <device-status>
        device-status
      </device-status>
      <system-id>
        system-id
      </system-id>
      <neighbor-list>....</neighbor-list>
      <hop>
        hop
      </hop>
      <interface-name>
        interface-name
      </interface-name>
    </device>
  </device-list>
</virtual-chassis-device-information>

```

Description

<device>

Usage

```

<virtual-chassis-packet-path>
  <device>
    <member-id>
      member-id
    </member-id>
    <device-id>
      device-id
    </device-id>
    <device-status>
      device-status
    </device-status>
    <system-id>
      system-id
    </system-id>
    <neighbor-list>....</neighbor-list>
  </device>
</virtual-chassis-packet-path>

```

```
<hop>
  hop
</hop>
<interface-name>
  interface-name
</interface-name>
</device>
</virtual-chassis-packet-path>
```

Description

<device-info>

Usage

```
<device-info>
  <system-name>
    system-name
  </system-name>
  <device-id>
    device-id
  </device-id>
</device-info>
```

Description

<device-info>

Usage

```
<vccp-tlv>
  <node-info-tlv>
    <device-info>
      <system-name>
        system-name
      </system-name>
      <device-id>
        device-id
      </device-id>
    </device-info>
  </node-info-tlv>
</vccp-tlv>
```

Description

<device-info>

Usage

```
<vccp-tlv>
  <member-info-tlv>
    <device-info>
      <system-name>
        system-name
      </system-name>
      <device-id>
        device-id
```

```

    </device-id>
  </device-info>
</member-info-tlv>
</vccp-tlv>

```

Description**<device-info>****Usage**

```

<vccp-database-entry>
  <vccp-tlv>
    <node-info-tlv>
      <device-info>
        <system-name>
          system-name
        </system-name>
        <device-id>
          device-id
        </device-id>
      </device-info>
    </node-info-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description**<device-info>****Usage**

```

<vccp-database-entry>
  <vccp-tlv>
    <member-info-tlv>
      <device-info>
        <system-name>
          system-name
        </system-name>
        <device-id>
          device-id
        </device-id>
      </device-info>
    </member-info-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description**<device-info>****Usage**

```

<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <node-info-tlv>

```

```
<device-info>
  <system-name>
    system-name
  </system-name>
  <device-id>
    device-id
  </device-id>
</device-info>
</node-info-tlv>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description

<device-info>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <member-info-tlv>
        <device-info>
          <system-name>
            system-name
          </system-name>
          <device-id>
            device-id
          </device-id>
        </device-info>
      </member-info-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
```

Description

<device-info>

Usage

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <node-info-tlv>
          <device-info>
            <system-name>
              system-name
            </system-name>
            <device-id>
              device-id
            </device-id>
          </device-info>
        </node-info-tlv>
```

```

    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description**<device-info>****Usage**

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <member-info-tlv>
          <device-info>
            <system-name>
              system-name
            </system-name>
            <device-id>
              device-id
            </device-id>
          </device-info>
        </member-info-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description**<device-information>****Usage**

```

<vccp-tlv>
  <dcp-dynamic-device-tlv>
    <device-information>
    </device-information>
  </dcp-dynamic-device-tlv>
</vccp-tlv>

```

Description**<device-information>****Usage**

```

<vccp-tlv>
  <dcp-device-information-tlv>
    <device-information>
    </device-information>
  </dcp-device-information-tlv>
</vccp-tlv>

```

Description**<device-information>****Usage**

```
<vccp-database-entry>
  <vccp-tlv>
    <dcp-dynamic-device-tlv>
      <device-information>
    </device-information>
  </dcp-dynamic-device-tlv>
</vccp-tlv>
</vccp-database-entry>
```

Description**<device-information>****Usage**

```
<vccp-database-entry>
  <vccp-tlv>
    <dcp-device-information-tlv>
      <device-information>
    </device-information>
  </dcp-device-information-tlv>
</vccp-tlv>
</vccp-database-entry>
```

Description**<device-information>****Usage**

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <dcp-dynamic-device-tlv>
        <device-information>
      </device-information>
    </dcp-dynamic-device-tlv>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description**<device-information>****Usage**

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <dcp-device-information-tlv>
        <device-information>
```



```

</device-information>
  </dcp-device-information-tlv>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>

```

Description**<device-information>****Usage**

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <dcp-dynamic-device-tlv>
          <device-information>
        </device-information>
        </dcp-dynamic-device-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description**<device-information>****Usage**

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <dcp-device-information-tlv>
          <device-information>
        </device-information>
        </dcp-device-information-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description**<device-list>****Usage**

```

<virtual-chassis-device-information>
  <device-list>
    <device>....</device>
  </device-list>
</virtual-chassis-device-information>

```

Description

<fragment-sequence-number-list>

Usage

```
<vccp-tlv>
  <dcp-atomicity-tlv>
    <fragment-sequence-number-list>
      <fragment-id>
        fragment-id
      </fragment-id>
      <sequence-number>
        sequence-number
      </sequence-number>
    </fragment-sequence-number-list>
  </dcp-atomicity-tlv>
</vccp-tlv>
```

Description

<fragment-sequence-number-list>

Usage

```
<vccp-database-entry>
  <vccp-tlv>
    <dcp-atomicity-tlv>
      <fragment-sequence-number-list>
        <fragment-id>
          fragment-id
        </fragment-id>
        <sequence-number>
          sequence-number
        </sequence-number>
      </fragment-sequence-number-list>
    </dcp-atomicity-tlv>
  </vccp-tlv>
</vccp-database-entry>
```

Description

<fragment-sequence-number-list>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <dcp-atomicity-tlv>
        <fragment-sequence-number-list>
          <fragment-id>
            fragment-id
          </fragment-id>
          <sequence-number>
            sequence-number
          </sequence-number>
        </fragment-sequence-number-list>
```

```

    </dcp-atomicity-tlv>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>

```

Description

<fragment-sequence-number-list>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <dcp-atomicity-tlv>
          <fragment-sequence-number-list>
            <fragment-id>
              fragment-id
            </fragment-id>
            <sequence-number>
              sequence-number
            </sequence-number>
          </fragment-sequence-number-list>
        </dcp-atomicity-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description

<interface-level-data>

Usage

```

<interface-level-data>
  <adjacency-count>
    adjacency-count
  </adjacency-count>
  <metric>
    metric
  </metric>
  <hello-time>
    hello-time
  </hello-time>
  <holdtime>
    holdtime
  </holdtime>
</interface-level-data>

```

Description

<interface-level-data>

Usage

```
<vccp-interface>
  <interface-level-data>
    <adjacency-count>
      adjacency-count
    </adjacency-count>
    <metric>
      metric
    </metric>
    <hello-time>
      hello-time
    </hello-time>
    <holdtime>
      holdtime
    </holdtime>
  </interface-level-data>
</vccp-interface>
```

Description

<interface-level-data>

Usage

```
<virtual-chassis-interface-information>
  <vccp-interface>
    <interface-level-data>
      <adjacency-count>
        adjacency-count
      </adjacency-count>
      <metric>
        metric
      </metric>
      <hello-time>
        hello-time
      </hello-time>
      <holdtime>
        holdtime
      </holdtime>
    </interface-level-data>
  </vccp-interface>
</virtual-chassis-interface-information>
```

Description

<iri-tlv>

Usage

```
<vccp-tlv>
  <iri-tlv>
    <ip-address>
      ip-address
    </ip-address>
```

```

    </iri-tlv>
  </vccp-tlv>

```

Description

<iri-tlv>

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <iri-tlv>
      <ip-address>
        ip-address
      </ip-address>
    </iri-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description

<iri-tlv>

Usage

```

<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <iri-tlv>
        <ip-address>
          ip-address
        </ip-address>
      </iri-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>

```

Description

<iri-tlv>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <iri-tlv>
          <ip-address>
            ip-address
          </ip-address>
        </iri-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description**<master-info-tlv>****Usage**

```
<vccp-tlv>
  <master-info-tlv>
    <system-name>
      system-name
    </system-name>
  </master-info-tlv>
</vccp-tlv>
```

Description**<master-info-tlv>****Usage**

```
<vccp-database-entry>
  <vccp-tlv>
    <master-info-tlv>
      <system-name>
        system-name
      </system-name>
    </master-info-tlv>
  </vccp-tlv>
</vccp-database-entry>
```

Description**<master-info-tlv>****Usage**

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <master-info-tlv>
        <system-name>
          system-name
        </system-name>
      </master-info-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
```

Description**<master-info-tlv>****Usage**

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
```

```

<master-info-tlv>
  <system-name>
    system-name
  </system-name>
</master-info-tlv>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<member>

Usage

```

<virtual-chassis-information>
  <member-list>
    <member>
      <member-id>
        member-id
      </member-id>
      <fpc-slot>
        fpc-slot
      </fpc-slot>
      <fpc-slot-range>
        fpc-slot-range
      </fpc-slot-range>
      <member-model>
        member-model
      </member-model>
      <member-status>
        member-status
      </member-status>
      <member-serial-number>
        member-serial-number
      </member-serial-number>
      <member-priority>
        member-priority
      </member-priority>
      <member-role>
        member-role
      </member-role>
      <member-location>
        member-location
      </member-location>
      <neighbor-list>....</neighbor-list>
    </member>
  </member-list>
</virtual-chassis-information>

```

Description

<member-info-tlv>

Usage

```
<vccp-tlv>
  <member-info-tlv>
    <system-name>
      system-name
    </system-name>
    <member-id>
      member-id
    </member-id>
    <member-role>
      member-role
    </member-role>
    <device-info>....</device-info>
  </member-info-tlv>
</vccp-tlv>
```

Description

<member-info-tlv>

Usage

```
<vccp-database-entry>
  <vccp-tlv>
    <member-info-tlv>
      <system-name>
        system-name
      </system-name>
      <member-id>
        member-id
      </member-id>
      <member-role>
        member-role
      </member-role>
      <device-info>....</device-info>
    </member-info-tlv>
  </vccp-tlv>
</vccp-database-entry>
```

Description

<member-info-tlv>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <member-info-tlv>
        <system-name>
          system-name
        </system-name>
        <member-id>
          member-id
```



```

    </member-id>
    <member-role>
      member-role
    </member-role>
    <device-info>....</device-info>
  </member-info-tlv>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>

```

Description

<member-info-tlv>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <member-info-tlv>
          <system-name>
            system-name
          </system-name>
          <member-id>
            member-id
          </member-id>
          <member-role>
            member-role
          </member-role>
          <device-info>....</device-info>
        </member-info-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description

<member-list>

Usage

```

<virtual-chassis-information>
  <member-list>
    <member>....</member>
  </member-list>
</virtual-chassis-information>

```

Description

<neighbor>

Usage

```

<virtual-chassis-information>
  <member-list>

```

```
<member>
  <neighbor-list>
    <neighbor>
      <neighbor-id>
        neighbor-id
      </neighbor-id>
      <neighbor-interface>
        neighbor-interface
      </neighbor-interface>
      <neighbor-device-id>
        neighbor-device-id
      </neighbor-device-id>
    </neighbor>
  </neighbor-list>
</member>
</member-list>
</virtual-chassis-information>
```

Description

<neighbor>

Usage

```
<virtual-chassis-device-information>
  <device-list>
    <device>
      <neighbor-list>
        <neighbor>
          <neighbor-id>
            neighbor-id
          </neighbor-id>
          <neighbor-interface>
            neighbor-interface
          </neighbor-interface>
          <neighbor-device-id>
            neighbor-device-id
          </neighbor-device-id>
        </neighbor>
      </neighbor-list>
    </device>
  </device-list>
</virtual-chassis-device-information>
```

Description

<neighbor>

Usage

```
<virtual-chassis-packet-path>
  <device>
    <neighbor-list>
      <neighbor>
        <neighbor-id>
          neighbor-id
```

```

    </neighbor-id>
    <neighbor-interface>
      neighbor-interface
    </neighbor-interface>
    <neighbor-device-id>
      neighbor-device-id
    </neighbor-device-id>
  </neighbor>
</neighbor-list>
</device>
</virtual-chassis-packet-path>

```

Description**<neighbor-list>****Usage**

```

<virtual-chassis-information>
  <member-list>
    <member>
      <neighbor-list>
        <neighbor>....</neighbor>
      </neighbor-list>
    </member>
  </member-list>
</virtual-chassis-information>

```

Description**<neighbor-list>****Usage**

```

<virtual-chassis-device-information>
  <device-list>
    <device>
      <neighbor-list>
        <neighbor>....</neighbor>
      </neighbor-list>
    </device>
  </device-list>
</virtual-chassis-device-information>

```

Description**<neighbor-list>****Usage**

```

<virtual-chassis-packet-path>
  <device>
    <neighbor-list>
      <neighbor>....</neighbor>
    </neighbor-list>
  </device>

```

</virtual-chassis-packet-path>

Description

<next-member-information>

Usage

```
<virtual-chassis-information>
  <next-member-information>
    <next-member-id>
      next-member-id
    </next-member-id>
    <next-fpc-slot>
      next-fpc-slot
    </next-fpc-slot>
  </next-member-information>
</virtual-chassis-information>
```

Description

<node-info-tlv>

Usage

```
<vccp-tlv>
  <node-info-tlv>
    <member-id>
      member-id
    </member-id>
    <mastership-priority>
      mastership-priority
    </mastership-priority>
    <vc-id>
      vc-id
    </vc-id>
    <ni-flags>
      ni-flags
    </ni-flags>
    <device-info>....</device-info>
    <dcp-device-information>....</dcp-device-information>
  </node-info-tlv>
</vccp-tlv>
```

Description

<node-info-tlv>

Usage

```
<vccp-database-entry>
  <vccp-tlv>
    <node-info-tlv>
      <member-id>
        member-id
      </member-id>
      <mastership-priority>
```

```

        mastership-priority
      </mastership-priority>
    <vc-id>
      vc-id
    </vc-id>
    <ni-flags>
      ni-flags
    </ni-flags>
    <device-info>....</device-info>
    <dcp-device-information>....</dcp-device-information>
  </node-info-tlv>
</vccp-tlv>
</vccp-database-entry>

```

Description

<node-info-tlv>

Usage

```

<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <node-info-tlv>
        <member-id>
          member-id
        </member-id>
        <mastership-priority>
          mastership-priority
        </mastership-priority>
        <vc-id>
          vc-id
        </vc-id>
        <ni-flags>
          ni-flags
        </ni-flags>
        <device-info>....</device-info>
        <dcp-device-information>....</dcp-device-information>
      </node-info-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>

```

Description

<node-info-tlv>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <node-info-tlv>
          <member-id>
            member-id

```

```
</member-id>
<mastership-priority>
  mastership-priority
</mastership-priority>
<vc-id>
  vc-id
</vc-id>
<ni-flags>
  ni-flags
</ni-flags>
<device-info>....</device-info>
<dcg-device-information>....</dcg-device-information>
</node-info-tlv>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>
```

Description

<packet-path-information>

Usage

```
<virtual-chassis-packet-path>
  <packet-path-information>
    <source-interface>
      source-interface
    </source-interface>
    <destination-interface>
      destination-interface
    </destination-interface>
  </packet-path-information>
</virtual-chassis-packet-path>
```

Description

<port-information>

Usage

```
<virtual-chassis-port-information>
  <port-list>
    <port-information>
      <port-name>
        port-name
      </port-name>
      <port-status>
        port-status
      </port-status>
      <port-speed>
        port-speed
      </port-speed>
      <port-type>
        port-type
      </port-type>
```

```

    <neighbor-id>
      neighbor-id
    </neighbor-id>
    <neighbor-interface>
      neighbor-interface
    </neighbor-interface>
    <port-trunk-id>
      port-trunk-id
    </port-trunk-id>
  </port-information>
</port-list>
</virtual-chassis-port-information>

```

Description

<port-list>

Usage

```

<virtual-chassis-port-information>
  <port-list>
    <port-information>....</port-information>
  </port-list>
</virtual-chassis-port-information>

```

Description

<preprovisioned-virtual-chassis-information>

Usage

```

<virtual-chassis-information>
  <preprovisioned-virtual-chassis-information>
    <virtual-chassis-id>
      virtual-chassis-id
    </virtual-chassis-id>
    <virtual-chassis-mode>
      virtual-chassis-mode
    </virtual-chassis-mode>
  </preprovisioned-virtual-chassis-information>
</virtual-chassis-information>

```

Description

<provision-tlv>

Usage

```

<vccp-tlv>
  <provision-tlv>
    <serial-number>
      serial-number
    </serial-number>
    <member-id>
      member-id
    </member-id>
  </provision-tlv>

```

</vccp-tlv>

Description

<provision-tlv>

Usage

```
<vccp-database-entry>
  <vccp-tlv>
    <provision-tlv>
      <serial-number>
        serial-number
      </serial-number>
      <member-id>
        member-id
      </member-id>
    </provision-tlv>
  </vccp-tlv>
</vccp-database-entry>
```

Description

<provision-tlv>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <provision-tlv>
        <serial-number>
          serial-number
        </serial-number>
        <member-id>
          member-id
        </member-id>
      </provision-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
```

Description

<provision-tlv>

Usage

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <provision-tlv>
          <serial-number>
            serial-number
          </serial-number>
          <member-id>
```



```

        member-id
      </member-id>
    </provision-tlv>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<reachability-tlv>

Usage

```

<vccp-tlv>
  <reachability-tlv>
    <system-name>
      system-name
    </system-name>
    <interface-name>
      interface-name
    </interface-name>
    <metric>
      metric
    </metric>
    <tlv-length>
      tlv-length
    </tlv-length>
  </reachability-tlv>
</vccp-tlv>

```

Description

<reachability-tlv>

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <reachability-tlv>
      <system-name>
        system-name
      </system-name>
      <interface-name>
        interface-name
      </interface-name>
      <metric>
        metric
      </metric>
      <tlv-length>
        tlv-length
      </tlv-length>
    </reachability-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description**<reachability-tlv>****Usage**

```
<vccp-database>
<vccp-database-entry>
  <vccp-tlv>
    <reachability-tlv>
      <system-name>
        system-name
      </system-name>
      <interface-name>
        interface-name
      </interface-name>
      <metric>
        metric
      </metric>
      <tlv-length>
        tlv-length
      </tlv-length>
    </reachability-tlv>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description**<reachability-tlv>****Usage**

```
<virtual-chassis-database-information>
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <reachability-tlv>
        <system-name>
          system-name
        </system-name>
        <interface-name>
          interface-name
        </interface-name>
        <metric>
          metric
        </metric>
        <tlv-length>
          tlv-length
        </tlv-length>
      </reachability-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>
```

Description

`<stable-state-tlv>`

Usage

```

<vccp-tlv>
  <stable-state-tlv>
    <stable-master>
      stable-master
    </stable-master>
    <stable-backup>
      stable-backup
    </stable-backup>
  </stable-state-tlv>
</vccp-tlv>

```

Description

`<stable-state-tlv>`

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <stable-state-tlv>
      <stable-master>
        stable-master
      </stable-master>
      <stable-backup>
        stable-backup
      </stable-backup>
    </stable-state-tlv>
  </vccp-tlv>
</vccp-database-entry>

```

Description

`<stable-state-tlv>`

Usage

```

<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <stable-state-tlv>
        <stable-master>
          stable-master
        </stable-master>
        <stable-backup>
          stable-backup
        </stable-backup>
      </stable-state-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>

```

Description**<stable-state-tlv>****Usage**

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <stable-state-tlv>
          <stable-master>
            stable-master
          </stable-master>
          <stable-backup>
            stable-backup
          </stable-backup>
        </stable-state-tlv>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>
```

Description**<statistics>****Usage**

```
<virtual-chassis-port-statistics-information>
  <statistics-port-list>
    <statistics>
      <port-name>
        port-name
      </port-name>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes
      </output-bytes>
      <input-packets>
        input-packets
      </input-packets>
      <output-packets>
        output-packets
      </output-packets>
      <input-unicasts>
        input-unicasts
      </input-unicasts>
      <output-unicasts>
        output-unicasts
      </output-unicasts>
      <input-broadcasts>
        input-broadcasts
      </input-broadcasts>
      <output-broadcasts>
```

```
    output-broadcasts
  </output-broadcasts>
  <input-multicasts>
    input-multicasts
  </input-multicasts>
  <output-multicasts>
    output-multicasts
  </output-multicasts>
  <input-mac-control-frames>
    input-mac-control-frames
  </input-mac-control-frames>
  <output-mac-control-frames>
    output-mac-control-frames
  </output-mac-control-frames>
  <crc-align-errors>
    crc-align-errors
  </crc-align-errors>
  <input-oversized-frames>
    input-oversized-frames
  </input-oversized-frames>
  <input-undersized-frames>
    input-undersized-frames
  </input-undersized-frames>
  <input-jabber-frames>
    input-jabber-frames
  </input-jabber-frames>
  <input-fragment-frames>
    input-fragment-frames
  </input-fragment-frames>
  <interface-tx-errors>
    interface-tx-errors
  </interface-tx-errors>
  <octets-size-64-count>
    octets-size-64-count
  </octets-size-64-count>
  <octets-size-65-127-count>
    octets-size-65-127-count
  </octets-size-65-127-count>
  <octets-size-128-255-count>
    octets-size-128-255-count
  </octets-size-128-255-count>
  <octets-size-256-511-count>
    octets-size-256-511-count
  </octets-size-256-511-count>
  <octets-size-512-1023-count>
    octets-size-512-1023-count
  </octets-size-512-1023-count>
  <octets-size-1024-1518-count>
    octets-size-1024-1518-count
  </octets-size-1024-1518-count>
  <packet-drop-event>
    packet-drop-event
  </packet-drop-event>
  <input-pps>
    input-pps
  </input-pps>
```

```
<output-pps>
  output-pps
</output-pps>
<input-bps>
  input-bps
</input-bps>
<output-bps>
  output-bps
</output-bps>
</statistics>
</statistics-port-list>
</virtual-chassis-port-statistics-information>
```

Description

<statistics-port-list>

Usage

```
<virtual-chassis-port-statistics-information>
  <statistics-port-list>
    <statistics>....</statistics>
  </statistics-port-list>
</virtual-chassis-port-statistics-information>
```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
```

```

<tb-terse-transient>
  tb-terse-transient
</tb-terse-transient>
<tb-terse-fullpage>
  tb-terse-fullpage
</tb-terse-fullpage>
<tb-terse-debug>
  tb-terse-debug
</tb-terse-debug>
<tb-alloc-blocks>
  tb-alloc-blocks
</tb-alloc-blocks>
<tb-alloc-bytes>
  tb-alloc-bytes
</tb-alloc-bytes>
<tb-max-alloc-blocks>
  tb-max-alloc-blocks
</tb-max-alloc-blocks>
<tb-max-alloc-bytes>
  tb-max-alloc-bytes
</tb-max-alloc-bytes>
</task-block>
</task-block-list>

```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>

```

```
        tb-alloc-bytes
      </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-block-list>

Usage

```
<task-block-list>
  <task-block>....</task-block>
</task-block-list>
```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
```



```

    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
        <tlp-max-alloc-pages>
          tlp-max-alloc-pages
        </tlp-max-alloc-pages>
        <tlp-max-alloc-bytes>
          tlp-max-alloc-bytes
        </tlp-max-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page-list>

Usage

```

<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page-list>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>

```

```
</task-memory-allocator-report>
</task-memory-information>
```

Description

<task-malloc>

Usage

```
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
          tm-name
        </tm-name>
        <tm-allocs>
          tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
          tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
          tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
          tm-max-alloc-bytes

```

```

        </tm-max-alloc-bytes>
        <tm-function-calls>
          tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>....</task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```
<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs
  </task-memory-dynamic-allocs>
  <task-memory-max-dynamic-allocs>
    task-memory-max-dynamic-allocs
  </task-memory-max-dynamic-allocs>
  <task-memory-bss-bytes>
    task-memory-bss-bytes
  </task-memory-bss-bytes>
  <task-memory-max-bss-bytes>
    task-memory-max-bss-bytes
  </task-memory-max-bss-bytes>
  <task-memory-page-data-bytes>
    task-memory-page-data-bytes
  </task-memory-page-data-bytes>
  <task-memory-max-page-data-bytes>
    task-memory-max-page-data-bytes
  </task-memory-max-page-data-bytes>
  <task-memory-dir-bytes>
    task-memory-dir-bytes
  </task-memory-dir-bytes>
  <task-memory-max-dir-bytes>
    task-memory-max-dir-bytes
  </task-memory-max-dir-bytes>
  <task-memory-total-bytes-in-use>
    task-memory-total-bytes-in-use
  </task-memory-total-bytes-in-use>
  <task-memory-total-bytes-percent>
    task-memory-total-bytes-percent
  </task-memory-total-bytes-percent>
```

</task-memory-information>

Description

<task-memory-malloc-usage-report>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-overall-report>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>....</task-size-block-list>
    <task-memory-stats-list>....</task-memory-stats-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
    <task-memory-total-free-bytes>
      task-memory-total-free-bytes
    </task-memory-total-free-bytes>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats>

Usage

```
<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
```

```
</tms-mallocs>
<tms-alloc-bytes>
  tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
```

Description

<task-memory-stats>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name
        </tms-name>
        <tms-allocs>
          tms-allocs
        </tms-allocs>
        <tms-mallocs>
          tms-mallocs
        </tms-mallocs>
        <tms-alloc-bytes>
          tms-alloc-bytes
        </tms-alloc-bytes>
        <tms-max-allocs>
          tms-max-allocs
        </tms-max-allocs>
        <tms-max-bytes>
          tms-max-bytes
        </tms-max-bytes>
        <tms-free-bytes>
          tms-free-bytes
        </tms-free-bytes>
      </task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>**Usage**

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>

```

Description**<task-replication-state>****Usage**

```

<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>

```

Description Current state of task replication

<task-size-block>**Usage**

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
  </task-size-block>
</task-size-block-list>

```

```
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
```

Description

<task-size-block>

Usage

```
<task-memory-information>
<task-memory-overall-report>
<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>**Usage**

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description**<task-size-block-list>****Usage**

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description**<task-timer>****Usage**

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
```

Description**<task-timer>****Usage**

```
<task-timer-information>
  <task>
```

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
  </timer-late>
  <timer-expires>
    timer-expires
  </timer-expires>
  <timer-jitter>
    timer-jitter
  </timer-jitter>
  <timer-interval>
    timer-interval
  </timer-interval>
  <timer-flags>
    timer-flags
  </timer-flags>
</task-timer>
</task>
</task-timer-information>
```

Description

<task-timer-information>

Usage

```
<task-timer-information>
  <task>....</task>
</task-timer-information>
```

Description

<tlv-stragglers>

Usage

```
<vccp-tlv>
  <tlv-stragglers>
    <bytes-left>
      bytes-left
    </bytes-left>
  </tlv-stragglers>
</vccp-tlv>
```

Description

<tlv-stragglers>

Usage

```
<vccp-database-entry>
  <vccp-tlv>
    <tlv-stragglers>
      <bytes-left>
```

```

        bytes-left
      </bytes-left>
    </tlv-stragglers>
  </vccp-tlv>
</vccp-database-entry>

```

Description

<tlv-stragglers>

Usage

```

<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <tlv-stragglers>
        <bytes-left>
          bytes-left
        </bytes-left>
      </tlv-stragglers>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>

```

Description

<tlv-stragglers>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <tlv-stragglers>
          <bytes-left>
            bytes-left
          </bytes-left>
        </tlv-stragglers>
      </vccp-tlv>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>

```

Description

<topology-tlv>

Usage

```

<vccp-tlv>
  <topology-tlv>
    <system-name>
      system-name
    </system-name>
  </topology-tlv>

```

```
</vccp-tlv>
```

Description

<topology-tlv>

Usage

```
<vccp-database-entry>  
  <vccp-tlv>  
    <topology-tlv>  
      <system-name>  
        system-name  
      </system-name>  
    </topology-tlv>  
  </vccp-tlv>  
</vccp-database-entry>
```

Description

<topology-tlv>

Usage

```
<vccp-database>  
  <vccp-database-entry>  
    <vccp-tlv>  
      <topology-tlv>  
        <system-name>  
          system-name  
        </system-name>  
      </topology-tlv>  
    </vccp-tlv>  
  </vccp-database-entry>  
</vccp-database>
```

Description

<topology-tlv>

Usage

```
<virtual-chassis-database-information>  
  <vccp-database>  
    <vccp-database-entry>  
      <vccp-tlv>  
        <topology-tlv>  
          <system-name>  
            system-name  
          </system-name>  
        </topology-tlv>  
      </vccp-tlv>  
    </vccp-database-entry>  
  </vccp-database>  
</virtual-chassis-database-information>
```

Description

<totals-information>

Usage

```
<vccp-statistics>
  <totals-information>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent>
      packets-sent
    </packets-sent>
  </totals-information>
</vccp-statistics>
```

Description

<totals-information>

Usage

```
<virtual-chassis-statistics-information>
  <vccp-statistics>
    <totals-information>
      <packets-received>
        packets-received
      </packets-received>
      <packets-sent>
        packets-sent
      </packets-sent>
    </totals-information>
  </vccp-statistics>
</virtual-chassis-statistics-information>
```

Description

<tracing-information>

Usage

```
<tracing-information>
  <flags>
    flags
  </flags>
  <filename>
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>
```

Description

<transmission-status>

Usage

```
<transmission-status>
  <transmit-count>
    transmit-count
  </transmit-count>
  <message>
    message
  </message>
  <interface-name>
    interface-name
  </interface-name>
  <transmit-time>
    transmit-time
  </transmit-time>
</transmission-status>
```

Description

<transmission-status>

Usage

```
<vccp-database-entry>
  <transmission-status>
    <transmit-count>
      transmit-count
    </transmit-count>
    <message>
      message
    </message>
    <interface-name>
      interface-name
    </interface-name>
    <transmit-time>
      transmit-time
    </transmit-time>
  </transmission-status>
</vccp-database-entry>
```

Description

<transmission-status>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <transmission-status>
      <transmit-count>
        transmit-count
      </transmit-count>
      <message>
        message
      </message>
    </transmission-status>
  </vccp-database-entry>
</vccp-database>
```

```

</message>
<interface-name>
  interface-name
</interface-name>
<transmit-time>
  transmit-time
</transmit-time>
</transmission-status>
</vccp-database-entry>
</vccp-database>

```

Description

<transmission-status>

Usage

```

<virtual-chassis-database-information>
<vccp-database>
  <vccp-database-entry>
    <transmission-status>
      <transmit-count>
        transmit-count
      </transmit-count>
      <message>
        message
      </message>
      <interface-name>
        interface-name
      </interface-name>
      <transmit-time>
        transmit-time
      </transmit-time>
    </transmission-status>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<unknown-tlv>

Usage

```

<vccp-tlv>
  <unknown-tlv>
    <tlv-type>
      tlv-type
    </tlv-type>
    <tlv-length>
      tlv-length
    </tlv-length>
  </unknown-tlv>
</vccp-tlv>

```

Description**<unknown-tlv>****Usage**

```
<vccp-database-entry>
  <vccp-tlv>
    <unknown-tlv>
      <tlv-type>
        tlv-type
      </tlv-type>
      <tlv-length>
        tlv-length
      </tlv-length>
    </unknown-tlv>
  </vccp-tlv>
</vccp-database-entry>
```

Description**<unknown-tlv>****Usage**

```
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <unknown-tlv>
        <tlv-type>
          tlv-type
        </tlv-type>
        <tlv-length>
          tlv-length
        </tlv-length>
      </unknown-tlv>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
```

Description**<unknown-tlv>****Usage**

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-tlv>
        <unknown-tlv>
          <tlv-type>
            tlv-type
          </tlv-type>
          <tlv-length>
            tlv-length
          </tlv-length>
        </unknown-tlv>
```



```

    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<vccp-adjacency>

Usage

```

<vccp-adjacency>
  <interface-name>
    interface-name
  </interface-name>
  <system-name>
    system-name
  </system-name>
  <adjacency-state>
    adjacency-state
  </adjacency-state>
  <holdtime>
    holdtime
  </holdtime>
  <interface-priority>
    interface-priority
  </interface-priority>
  <transition-count>
    transition-count
  </transition-count>
  <last-transition-time>
    last-transition-time
  </last-transition-time>
  <adjacency-flag>
    adjacency-flag
  </adjacency-flag>
  <vccp-adjacency-log>....</vccp-adjacency-log>
</vccp-adjacency>

```

Description

<vccp-adjacency>

Usage

```

<virtual-chassis-adjacency-information>
  <vccp-adjacency>
    <interface-name>
      interface-name
    </interface-name>
    <system-name>
      system-name
    </system-name>
    <adjacency-state>
      adjacency-state
    </adjacency-state>
  </vccp-adjacency>

```

```
<holdtime>
  holdtime
</holdtime>
<interface-priority>
  interface-priority
</interface-priority>
<transition-count>
  transition-count
</transition-count>
<last-transition-time>
  last-transition-time
</last-transition-time>
<adjacency-flag>
  adjacency-flag
</adjacency-flag>
<vccp-adjacency-log>....</vccp-adjacency-log>
</vccp-adjacency>
</virtual-chassis-adjacency-information>
```

Description

<vccp-adjacency-log>

Usage

```
<vccp-adjacency>
<vccp-adjacency-log>
  <adjacency-when>
    adjacency-when
  </adjacency-when>
  <adjacency-state>
    adjacency-state
  </adjacency-state>
  <adjacency-event>
    adjacency-event
  </adjacency-event>
  <adjacency-down-reason>
    adjacency-down-reason
  </adjacency-down-reason>
</vccp-adjacency-log>
</vccp-adjacency>
```

Description Entry describing adjacency transition

<vccp-adjacency-log>

Usage

```
<virtual-chassis-adjacency-information>
<vccp-adjacency>
  <vccp-adjacency-log>
    <adjacency-when>
      adjacency-when
    </adjacency-when>
    <adjacency-state>
      adjacency-state
```

```

</adjacency-state>
<adjacency-event>
  adjacency-event
</adjacency-event>
<adjacency-down-reason>
  adjacency-down-reason
</adjacency-down-reason>
</vccp-adjacency-log>
</vccp-adjacency>
</virtual-chassis-adjacency-information>

```

Description Entry describing adjacency transition

<vccp-database>

Usage

```

<vccp-database>
  <vccp-database-entry>....</vccp-database-entry>
  <lsp-count>
    lsp-count
  </lsp-count>
</vccp-database>

```

Description

<vccp-database>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>....</vccp-database-entry>
    <lsp-count>
      lsp-count
    </lsp-count>
  </vccp-database>
</virtual-chassis-database-information>

```

Description

<vccp-database-entry>

Usage

```

<vccp-database-entry>
  <lsp-id>
    lsp-id
  </lsp-id>
  <sequence-number>
    sequence-number
  </sequence-number>
  <checksum>
    checksum
  </checksum>
  <remaining-lifetime>

```

```
    remaining-lifetime
  </remaining-lifetime>
  <vccp-isis-neighbor>....</vccp-isis-neighbor>
  <vccp-header>....</vccp-header>
  <vccp-packet>....</vccp-packet>
  <lsp-stub>
    lsp-stub
  </lsp-stub>
  <vccp-tlv>....</vccp-tlv>
  <transmission-status>....</transmission-status>
</vccp-database-entry>
```

Description

<vccp-database-entry>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <lsp-id>
      lsp-id
    </lsp-id>
    <sequence-number>
      sequence-number
    </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <vccp-isis-neighbor>....</vccp-isis-neighbor>
    <vccp-header>....</vccp-header>
    <vccp-packet>....</vccp-packet>
    <lsp-stub>
      lsp-stub
    </lsp-stub>
    <vccp-tlv>....</vccp-tlv>
    <transmission-status>....</transmission-status>
  </vccp-database-entry>
</vccp-database>
```

Description

<vccp-database-entry>

Usage

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <lsp-id>
        lsp-id
      </lsp-id>
      <sequence-number>
```

```

        sequence-number
      </sequence-number>
    <checksum>
      checksum
    </checksum>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <vccp-isis-neighbor>....</vccp-isis-neighbor>
    <vccp-header>....</vccp-header>
    <vccp-packet>....</vccp-packet>
    <lsp-stub>
      lsp-stub
    </lsp-stub>
    <vccp-tlv>....</vccp-tlv>
    <transmission-status>....</transmission-status>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<vccp-header>

Usage

```

<vccp-header>
  <lsp-id>
    lsp-id
  </lsp-id>
  <pdu-length>
    pdu-length
  </pdu-length>
  <allocated-length>
    allocated-length
  </allocated-length>
  <remaining-lifetime>
    remaining-lifetime
  </remaining-lifetime>
  <interface-index>
    interface-index
  </interface-index>
  <estimated-free-bytes>
    estimated-free-bytes
  </estimated-free-bytes>
  <actual-free-bytes>
    actual-free-bytes
  </actual-free-bytes>
  <lsdb-timer-type>
    lsdb-timer-type
  </lsdb-timer-type>
  <lsdb-expiration-time>
    lsdb-expiration-time
  </lsdb-expiration-time>
  <needs-rebuild>
    needs-rebuild

```

```
</needs-rebuild>
</vccp-header>
```

Description

<vccp-header>

Usage

```
<vccp-database-entry>
  <vccp-header>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <allocated-length>
      allocated-length
    </allocated-length>
    <remaining-lifetime>
      remaining-lifetime
    </remaining-lifetime>
    <interface-index>
      interface-index
    </interface-index>
    <estimated-free-bytes>
      estimated-free-bytes
    </estimated-free-bytes>
    <actual-free-bytes>
      actual-free-bytes
    </actual-free-bytes>
    <lsdb-timer-type>
      lsdb-timer-type
    </lsdb-timer-type>
    <lsdb-expiration-time>
      lsdb-expiration-time
    </lsdb-expiration-time>
    <needs-rebuild>
      needs-rebuild
    </needs-rebuild>
  </vccp-header>
</vccp-database-entry>
```

Description

<vccp-header>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-header>
      <lsp-id>
        lsp-id
      </lsp-id>
```

```

<pdu-length>
  pdu-length
</pdu-length>
<allocated-length>
  allocated-length
</allocated-length>
<remaining-lifetime>
  remaining-lifetime
</remaining-lifetime>
<interface-index>
  interface-index
</interface-index>
<estimated-free-bytes>
  estimated-free-bytes
</estimated-free-bytes>
<actual-free-bytes>
  actual-free-bytes
</actual-free-bytes>
<lsdb-timer-type>
  lsdb-timer-type
</lsdb-timer-type>
<lsdb-expiration-time>
  lsdb-expiration-time
</lsdb-expiration-time>
<needs-rebuild>
  needs-rebuild
</needs-rebuild>
</vccp-header>
</vccp-database-entry>
</vccp-database>

```

Description

<vccp-header>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-header>
        <lsp-id>
          lsp-id
        </lsp-id>
        <pdu-length>
          pdu-length
        </pdu-length>
        <allocated-length>
          allocated-length
        </allocated-length>
        <remaining-lifetime>
          remaining-lifetime
        </remaining-lifetime>
        <interface-index>
          interface-index
        </interface-index>

```

```
<estimated-free-bytes>
  estimated-free-bytes
</estimated-free-bytes>
<actual-free-bytes>
  actual-free-bytes
</actual-free-bytes>
<lsdb-timer-type>
  lsdb-timer-type
</lsdb-timer-type>
<lsdb-expiration-time>
  lsdb-expiration-time
</lsdb-expiration-time>
<needs-rebuild>
  needs-rebuild
</needs-rebuild>
</vccp-header>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>
```

Description

<vccp-interface>

Usage

```
<vccp-interface>
  <interface-name>
    interface-name
  </interface-name>
  <vccp-interface-state>
    vccp-interface-state
  </vccp-interface-state>
  <interface-disabled-flag>
    interface-disabled-flag
  </interface-disabled-flag>
  <metric>
    metric
  </metric>
  <interface-index>
    interface-index
  </interface-index>
  <interface-state-value>
    interface-state-value
  </interface-state-value>
  <lsp-interval>
    lsp-interval
  </lsp-interval>
  <hello-padding>
    hello-padding
  </hello-padding>
  <system-name>
    system-name
  </system-name>
  <interface-level-data>....</interface-level-data>
```


</vccp-interface>

Description

<vccp-interface>

Usage

```
<virtual-chassis-interface-information>
  <vccp-interface>
    <interface-name>
      interface-name
    </interface-name>
    <vccp-interface-state>
      vccp-interface-state
    </vccp-interface-state>
    <interface-disabled-flag>
      interface-disabled-flag
    </interface-disabled-flag>
    <metric>
      metric
    </metric>
    <interface-index>
      interface-index
    </interface-index>
    <interface-state-value>
      interface-state-value
    </interface-state-value>
    <lsp-interval>
      lsp-interval
    </lsp-interval>
    <hello-padding>
      hello-padding
    </hello-padding>
    <system-name>
      system-name
    </system-name>
    <interface-level-data>....</interface-level-data>
  </vccp-interface>
</virtual-chassis-interface-information>
```

Description

<vccp-isis-neighbor>

Usage

```
<vccp-isis-neighbor>
  <is-neighbor-id>
    is-neighbor-id
  </is-neighbor-id>
  <interface-name>
    interface-name
  </interface-name>
  <metric>
    metric
```

```
</metric>
</vccp-isis-neighbor>
```

Description

<vccp-isis-neighbor>

Usage

```
<vccp-database-entry>
  <vccp-isis-neighbor>
    <is-neighbor-id>
      is-neighbor-id
    </is-neighbor-id>
    <interface-name>
      interface-name
    </interface-name>
    <metric>
      metric
    </metric>
  </vccp-isis-neighbor>
</vccp-database-entry>
```

Description

<vccp-isis-neighbor>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-isis-neighbor>
      <is-neighbor-id>
        is-neighbor-id
      </is-neighbor-id>
      <interface-name>
        interface-name
      </interface-name>
      <metric>
        metric
      </metric>
    </vccp-isis-neighbor>
  </vccp-database-entry>
</vccp-database>
```

Description

<vccp-isis-neighbor>

Usage

```
<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-isis-neighbor>
        <is-neighbor-id>
          is-neighbor-id
        </is-neighbor-id>
      </vccp-isis-neighbor>
    </vccp-database-entry>
  </vccp-database>
</virtual-chassis-database-information>
```

```

</is-neighbor-id>
<interface-name>
  interface-name
</interface-name>
<metric>
  metric
</metric>
</vccp-isis-neighbor>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<vccp-packet>

Usage

```

<vccp-packet>
  <lsp-id>
    lsp-id
  </lsp-id>
  <pdu-length>
    pdu-length
  </pdu-length>
  <pdu-lifetime>
    pdu-lifetime
  </pdu-lifetime>
  <checksum>
    checksum
  </checksum>
  <sequence-number>
    sequence-number
  </sequence-number>
  <lsp-length>
    lsp-length
  </lsp-length>
  <pdu-version>
    pdu-version
  </pdu-version>
  <system-id-length>
    system-id-length
  </system-id-length>
  <vccp-packet-type>
    vccp-packet-type
  </vccp-packet-type>
  <software-major-version>
    software-major-version
  </software-major-version>
  <software-minor-version>
    software-minor-version
  </software-minor-version>
</vccp-packet>

```

Description

<vccp-packet>

Usage

```
<vccp-database-entry>
  <vccp-packet>
    <lsp-id>
      lsp-id
    </lsp-id>
    <pdu-length>
      pdu-length
    </pdu-length>
    <pdu-lifetime>
      pdu-lifetime
    </pdu-lifetime>
    <checksum>
      checksum
    </checksum>
    <sequence-number>
      sequence-number
    </sequence-number>
    <lsp-length>
      lsp-length
    </lsp-length>
    <pdu-version>
      pdu-version
    </pdu-version>
    <system-id-length>
      system-id-length
    </system-id-length>
    <vccp-packet-type>
      vccp-packet-type
    </vccp-packet-type>
    <software-major-version>
      software-major-version
    </software-major-version>
    <software-minor-version>
      software-minor-version
    </software-minor-version>
  </vccp-packet>
</vccp-database-entry>
```

Description

<vccp-packet>

Usage

```
<vccp-database>
  <vccp-database-entry>
    <vccp-packet>
      <lsp-id>
        lsp-id
      </lsp-id>
      <pdu-length>
        pdu-length
      </pdu-length>
```

```

<pdu-lifetime>
  pdu-lifetime
</pdu-lifetime>
<checksum>
  checksum
</checksum>
<sequence-number>
  sequence-number
</sequence-number>
<lsp-length>
  lsp-length
</lsp-length>
<pdu-version>
  pdu-version
</pdu-version>
<system-id-length>
  system-id-length
</system-id-length>
<vccp-packet-type>
  vccp-packet-type
</vccp-packet-type>
<software-major-version>
  software-major-version
</software-major-version>
<software-minor-version>
  software-minor-version
</software-minor-version>
</vccp-packet>
</vccp-database-entry>
</vccp-database>

```

Description

<vccp-packet>

Usage

```

<virtual-chassis-database-information>
  <vccp-database>
    <vccp-database-entry>
      <vccp-packet>
        <lsp-id>
          lsp-id
        </lsp-id>
        <pdu-length>
          pdu-length
        </pdu-length>
        <pdu-lifetime>
          pdu-lifetime
        </pdu-lifetime>
        <checksum>
          checksum
        </checksum>
        <sequence-number>
          sequence-number
        </sequence-number>

```

```
<lsp-length>
  lsp-length
</lsp-length>
<pdu-version>
  pdu-version
</pdu-version>
<system-id-length>
  system-id-length
</system-id-length>
<vccp-packet-type>
  vccp-packet-type
</vccp-packet-type>
<software-major-version>
  software-major-version
</software-major-version>
<software-minor-version>
  software-minor-version
</software-minor-version>
</vccp-packet>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>
```

Description

<vccp-pdu-statistics>

Usage

```
<vccp-pdu-statistics>
  <vccp-pdu-type>
    vccp-pdu-type
  </vccp-pdu-type>
  <packets-received>
    packets-received
  </packets-received>
  <packets-processed>
    packets-processed
  </packets-processed>
  <packets-dropped>
    packets-dropped
  </packets-dropped>
  <packets-sent>
    packets-sent
  </packets-sent>
  <packets-retransmitted>
    packets-retransmitted
  </packets-retransmitted>
</vccp-pdu-statistics>
```

Description

<vccp-pdu-statistics>**Usage**

```

<vccp-statistics>
  <vccp-pdu-statistics>
    <vccp-pdu-type>
      vccp-pdu-type
    </vccp-pdu-type>
    <packets-received>
      packets-received
    </packets-received>
    <packets-processed>
      packets-processed
    </packets-processed>
    <packets-dropped>
      packets-dropped
    </packets-dropped>
    <packets-sent>
      packets-sent
    </packets-sent>
    <packets-retransmitted>
      packets-retransmitted
    </packets-retransmitted>
  </vccp-pdu-statistics>
</vccp-statistics>

```

Description**<vccp-pdu-statistics>****Usage**

```

<virtual-chassis-statistics-information>
  <vccp-statistics>
    <vccp-pdu-statistics>
      <vccp-pdu-type>
        vccp-pdu-type
      </vccp-pdu-type>
      <packets-received>
        packets-received
      </packets-received>
      <packets-processed>
        packets-processed
      </packets-processed>
      <packets-dropped>
        packets-dropped
      </packets-dropped>
      <packets-sent>
        packets-sent
      </packets-sent>
      <packets-retransmitted>
        packets-retransmitted
      </packets-retransmitted>
    </vccp-pdu-statistics>
  </vccp-statistics>

```

</virtual-chassis-statistics-information>

Description

<vccp-route>

Usage

```
<vccp-route>
  <system-name>
    system-name
  </system-name>
  <route-version>
    route-version
  </route-version>
  <metric>
    metric
  </metric>
  <interface-name>
    interface-name
  </interface-name>
  <vccp-next-hop>
    vccp-next-hop
  </vccp-next-hop>
</vccp-route>
```

Description

<vccp-route>

Usage

```
<vccp-routing-table>
  <vccp-route>
    <system-name>
      system-name
    </system-name>
    <route-version>
      route-version
    </route-version>
    <metric>
      metric
    </metric>
    <interface-name>
      interface-name
    </interface-name>
    <vccp-next-hop>
      vccp-next-hop
    </vccp-next-hop>
  </vccp-route>
</vccp-routing-table>
```

Description

<vccp-route>**Usage**

```

<virtual-chassis-route-information>
  <vccp-routing-table>
    <vccp-route>
      <system-name>
        system-name
      </system-name>
      <route-version>
        route-version
      </route-version>
      <metric>
        metric
      </metric>
      <interface-name>
        interface-name
      </interface-name>
      <vccp-next-hop>
        vccp-next-hop
      </vccp-next-hop>
    </vccp-route>
  </vccp-routing-table>
</virtual-chassis-route-information>

```

Description**<vccp-routing-table>****Usage**

```

<vccp-routing-table>
  <vccp-rtttype>
    vccp-rtttype
  </vccp-rtttype>
  <system-name>
    system-name
  </system-name>
  <table-version>
    table-version
  </table-version>
  <vccp-route>....</vccp-route>
</vccp-routing-table>

```

Description**<vccp-routing-table>****Usage**

```

<virtual-chassis-route-information>
  <vccp-routing-table>
    <vccp-rtttype>
      vccp-rtttype
    </vccp-rtttype>
    <system-name>

```

```
    system-name
  </system-name>
  <table-version>
    table-version
  </table-version>
  <vccp-route>....</vccp-route>
</vccp-routing-table>
</virtual-chassis-route-information>
```

Description

<vccp-statistics>

Usage

```
<vccp-statistics>
  <system-name>
    system-name
  </system-name>
  <vccp-pdu-statistics>....</vccp-pdu-statistics>
  <totals-information>....</totals-information>
  <lsp-queue-length>
    lsp-queue-length
  </lsp-queue-length>
  <lsp-queue-drops>
    lsp-queue-drops
  </lsp-queue-drops>
  <spf-runs>
    spf-runs
  </spf-runs>
  <fragments-rebuilt>
    fragments-rebuilt
  </fragments-rebuilt>
  <lsp-regenerated>
    lsp-regenerated
  </lsp-regenerated>
  <purges-initiated>
    purges-initiated
  </purges-initiated>
</vccp-statistics>
```

Description

<vccp-statistics>

Usage

```
<virtual-chassis-statistics-information>
  <vccp-statistics>
    <system-name>
      system-name
    </system-name>
    <vccp-pdu-statistics>....</vccp-pdu-statistics>
    <totals-information>....</totals-information>
    <lsp-queue-length>
      lsp-queue-length
```

```

</lsp-queue-length>
<lsp-queue-drops>
  lsp-queue-drops
</lsp-queue-drops>
<spf-runs>
  spf-runs
</spf-runs>
<fragments-rebuilt>
  fragments-rebuilt
</fragments-rebuilt>
<lsp-regenerated>
  lsp-regenerated
</lsp-regenerated>
<purges-initiated>
  purges-initiated
</purges-initiated>
</vccp-statistics>
</virtual-chassis-statistics-information>

```

Description

<vccp-tlv>

Usage

```

<vccp-tlv>
  <vccp-tlv-overhead>....</vccp-tlv-overhead>
  <reachability-tlv>....</reachability-tlv>
  <node-info-tlv>....</node-info-tlv>
  <dcg-atomicity-tlv>....</dcg-atomicity-tlv>
  <dcg-dynamic-device-tlv>....</dcg-dynamic-device-tlv>
  <dcg-device-information-tlv>....</dcg-device-information-tlv>
  <master-info-tlv>....</master-info-tlv>
  <backup-info-tlv>....</backup-info-tlv>
  <stable-state-tlv>....</stable-state-tlv>
  <member-info-tlv>....</member-info-tlv>
  <topology-tlv>....</topology-tlv>
  <provision-tlv>....</provision-tlv>
  <iri-tlv>....</iri-tlv>
  <unknown-tlv>....</unknown-tlv>
  <tlv-stragglers>....</tlv-stragglers>
</vccp-tlv>

```

Description

<vccp-tlv>

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <vccp-tlv-overhead>....</vccp-tlv-overhead>
    <reachability-tlv>....</reachability-tlv>
    <node-info-tlv>....</node-info-tlv>
    <dcg-atomicity-tlv>....</dcg-atomicity-tlv>
    <dcg-dynamic-device-tlv>....</dcg-dynamic-device-tlv>

```

```
<dcv-device-information-tlv>....</dcv-device-information-tlv>
<master-info-tlv>....</master-info-tlv>
<backup-info-tlv>....</backup-info-tlv>
<stable-state-tlv>....</stable-state-tlv>
<member-info-tlv>....</member-info-tlv>
<topology-tlv>....</topology-tlv>
<provision-tlv>....</provision-tlv>
<iri-tlv>....</iri-tlv>
<unknown-tlv>....</unknown-tlv>
<tlv-stragglers>....</tlv-stragglers>
</vccp-tlv>
</vccp-database-entry>
```

Description

<vccp-tlv>

Usage

```
<vccp-database>
<vccp-database-entry>
  <vccp-tlv>
    <vccp-tlv-overhead>....</vccp-tlv-overhead>
    <reachability-tlv>....</reachability-tlv>
    <node-info-tlv>....</node-info-tlv>
    <dcv-atomicity-tlv>....</dcv-atomicity-tlv>
    <dcv-dynamic-device-tlv>....</dcv-dynamic-device-tlv>
    <dcv-device-information-tlv>....</dcv-device-information-tlv>
    <master-info-tlv>....</master-info-tlv>
    <backup-info-tlv>....</backup-info-tlv>
    <stable-state-tlv>....</stable-state-tlv>
    <member-info-tlv>....</member-info-tlv>
    <topology-tlv>....</topology-tlv>
    <provision-tlv>....</provision-tlv>
    <iri-tlv>....</iri-tlv>
    <unknown-tlv>....</unknown-tlv>
    <tlv-stragglers>....</tlv-stragglers>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description

<vccp-tlv>

Usage

```
<virtual-chassis-database-information>
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <vccp-tlv-overhead>....</vccp-tlv-overhead>
      <reachability-tlv>....</reachability-tlv>
      <node-info-tlv>....</node-info-tlv>
      <dcv-atomicity-tlv>....</dcv-atomicity-tlv>
      <dcv-dynamic-device-tlv>....</dcv-dynamic-device-tlv>
```

```

<dcv-device-information-tlv>....</dcv-device-information-tlv>
<master-info-tlv>....</master-info-tlv>
<backup-info-tlv>....</backup-info-tlv>
<stable-state-tlv>....</stable-state-tlv>
<member-info-tlv>....</member-info-tlv>
<topology-tlv>....</topology-tlv>
<provision-tlv>....</provision-tlv>
<iri-tlv>....</iri-tlv>
<unknown-tlv>....</unknown-tlv>
<tlv-stragglers>....</tlv-stragglers>
</vccp-tlv>
</vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>

```

Description

<vccp-tlv-overhead>

Usage

```

<vccp-tlv>
  <vccp-tlv-overhead>
    <tlv-type>
      tlv-type
    </tlv-type>
    <tlv-length>
      tlv-length
    </tlv-length>
    <bytes-left>
      bytes-left
    </bytes-left>
  </vccp-tlv-overhead>
</vccp-tlv>

```

Description

<vccp-tlv-overhead>

Usage

```

<vccp-database-entry>
  <vccp-tlv>
    <vccp-tlv-overhead>
      <tlv-type>
        tlv-type
      </tlv-type>
      <tlv-length>
        tlv-length
      </tlv-length>
      <bytes-left>
        bytes-left
      </bytes-left>
    </vccp-tlv-overhead>
  </vccp-tlv>

```

</vccp-database-entry>

Description

<vccp-tlv-overhead>

Usage

```
<vccp-database>
<vccp-database-entry>
  <vccp-tlv>
    <vccp-tlv-overhead>
      <tlv-type>
        tlv-type
      </tlv-type>
      <tlv-length>
        tlv-length
      </tlv-length>
      <bytes-left>
        bytes-left
      </bytes-left>
    </vccp-tlv-overhead>
  </vccp-tlv>
</vccp-database-entry>
</vccp-database>
```

Description

<vccp-tlv-overhead>

Usage

```
<virtual-chassis-database-information>
<vccp-database>
  <vccp-database-entry>
    <vccp-tlv>
      <vccp-tlv-overhead>
        <tlv-type>
          tlv-type
        </tlv-type>
        <tlv-length>
          tlv-length
        </tlv-length>
        <bytes-left>
          bytes-left
        </bytes-left>
      </vccp-tlv-overhead>
    </vccp-tlv>
  </vccp-database-entry>
</vccp-database>
</virtual-chassis-database-information>
```

Description

<virtual-chassis-active-topology>

Usage

```
<virtual-chassis-active-topology>  
  <destination-reachability>.....</destination-reachability>  
</virtual-chassis-active-topology>
```

Description

<virtual-chassis-adjacency-information>

Usage

```
<virtual-chassis-adjacency-information>  
  <vccp-adjacency>.....</vccp-adjacency>  
</virtual-chassis-adjacency-information>
```

Description

<virtual-chassis-database-information>

Usage

```
<virtual-chassis-database-information>  
  <vccp-database>.....</vccp-database>  
</virtual-chassis-database-information>
```

Description

<virtual-chassis-device-information>

Usage

```
<virtual-chassis-device-information>  
  <device-list>.....</device-list>  
</virtual-chassis-device-information>
```

Description

<virtual-chassis-fast-failover>

Usage

```
<virtual-chassis-fast-failover>  
  <virtual-chassis-fast-failover-vcp>  
    virtual-chassis-fast-failover-vcp  
  </virtual-chassis-fast-failover-vcp>  
  <virtual-chassis-fast-failover-xe>  
    virtual-chassis-fast-failover-xe  
  </virtual-chassis-fast-failover-xe>  
  <virtual-chassis-fast-failover-ge>  
    virtual-chassis-fast-failover-ge  
  </virtual-chassis-fast-failover-ge>  
</virtual-chassis-fast-failover>
```

Description**<virtual-chassis-id-information>****Usage**

```
<virtual-chassis-information>
  <virtual-chassis-id-information>
    <virtual-chassis-id>
      virtual-chassis-id
    </virtual-chassis-id>
    <virtual-chassis-mode>
      virtual-chassis-mode
    </virtual-chassis-mode>
  </virtual-chassis-id-information>
</virtual-chassis-information>
```

Description**<virtual-chassis-information>****Usage**

```
<virtual-chassis-information>
  <virtual-chassis-id>
    virtual-chassis-id
  </virtual-chassis-id>

  <preprovisioned-virtual-chassis-information>....</preprovisioned-virtual-chassis-information>

  <virtual-chassis-id-information>....</virtual-chassis-id-information>
  <member-list>....</member-list>
  <next-member-information>....</next-member-information>
</virtual-chassis-information>
```

Description**<virtual-chassis-interface-information>****Usage**

```
<virtual-chassis-interface-information>
  <vccp-interface>....</vccp-interface>
</virtual-chassis-interface-information>
```

Description**<virtual-chassis-mode-information>****Usage**

```
<virtual-chassis-mode-information>
</virtual-chassis-mode-information>
```

Description

<virtual-chassis-packet-path>

Usage

```
<virtual-chassis-packet-path>  
  <packet-path-information>....</packet-path-information>  
  <device>....</device>  
</virtual-chassis-packet-path>
```

Description

<virtual-chassis-port-information>

Usage

```
<virtual-chassis-port-information>  
  <port-list>....</port-list>  
</virtual-chassis-port-information>
```

Description

<virtual-chassis-port-statistics-information>

Usage

```
<virtual-chassis-port-statistics-information>  
  <statistics-port-list>....</statistics-port-list>  
</virtual-chassis-port-statistics-information>
```

Description

<virtual-chassis-route-information>

Usage

```
<virtual-chassis-route-information>  
  <vccp-routing-table>....</vccp-routing-table>  
</virtual-chassis-route-information>
```

Description

<virtual-chassis-statistics-information>

Usage

```
<virtual-chassis-statistics-information>  
  <vccp-statistics>....</vccp-statistics>  
</virtual-chassis-statistics-information>
```

Description

Summary of Uplink Failure Detection Information Response Tags

<link-to-disable-list>

Usage

```
<uplink-failure-detection-information>
  <ufd-group-information>
    <ufd-group>
      <link-to-disable-list>
        <downlink-interface>
          downlink-interface
        </downlink-interface>
      </link-to-disable-list>
    </ufd-group>
  </ufd-group-information>
</uplink-failure-detection-information>
```

Description

<link-to-monitor-list>

Usage

```
<uplink-failure-detection-information>
  <ufd-group-information>
    <ufd-group>
      <link-to-monitor-list>
        <uplink-interface>
          uplink-interface
        </uplink-interface>
      </link-to-monitor-list>
    </ufd-group>
  </ufd-group-information>
</uplink-failure-detection-information>
```

Description

<ufd-group>

Usage

```
<uplink-failure-detection-information>
  <ufd-group-information>
    <ufd-group>
      <ufd-group-name>
        ufd-group-name
      </ufd-group-name>
      <link-to-monitor-list>....</link-to-monitor-list>
      <link-to-disable-list>....</link-to-disable-list>
      <failure-action>
        failure-action
      </failure-action>
    </ufd-group>
  </ufd-group-information>
```

</uplink-failure-detection-information>

Description

<ufd-group-information>

Usage

```
<uplink-failure-detection-information>
  <ufd-group-information>
    <ufd-group>....</ufd-group>
  </ufd-group-information>
</uplink-failure-detection-information>
```

Description

<uplink-failure-detection-information>

Usage

```
<uplink-failure-detection-information>
  <ufd-group-information>....</ufd-group-information>
</uplink-failure-detection-information>
```

Description

Operational Response Tag Elements Specific to J Series and SRX Series

This chapter lists the Extensible Markup Language (XML) tag elements in the Junos XML application programming interface (API) that contain operational information. The Junos XML protocol and NETCONF servers return them in response to requests from client applications.

The tags listed in this chapter are specific to devices belonging to the following platforms:

- J Series
- SRX Series

The tags are divided into the following sections and listed in alphabetical order within each section.

- Summary of Allowed System Services and Protocols Response Tags on page 6946
- Summary of ALG Response Tags on page 6951
- Summary of AVT Response Tags on page 6972
- Summary of DHCP Response Tags on page 6972
- Summary of 802.1X Process Response Tags on page 7011
- Summary of DS-Lite Response Tags on page 7032
- Summary of Dynamic VPN Response Tags on page 7034
- Summary of End-to-End Debug Response Tags on page 7037
- Summary of ESW Response Tags on page 7040
- Summary of sFlow Response Tags on page 7154
- Summary of Firewall Authentication Response Tags on page 7167
- Summary of GPRS Tunneling Protocol Response Tags on page 7173
- Summary of IDS Response Tags on page 7178
- Summary of IPSec Response Tags on page 7181
- Summary of ISDN Response Tags on page 7331
- Summary of Stateful Redundancy Response Tags on page 7342
- Summary of DNS Proxy Response Response Tags on page 7367

- Summary of NAT Response Tags on page 7370
- Summary of Reports Response Tags on page 7389
- Summary of Resource Manager Response Tags on page 7398
- Summary of VLAN Retag Response Tags on page 7402
- Summary of Real Time Media Convergence Response Tags on page 7404
- Summary of Scheduler Response Tags on page 7406
- Summary of SCTP Response Tags on page 7407
- Summary of Security Firewall Response Tags on page 7408
- Summary of Security Policy Response Tags on page 7413
- Summary of SMTP Response Tags on page 7497
- Summary of SPU Monitoring Response Tags on page 7499
- Summary of SPU Performance Response Tags on page 7500
- Summary of Telephony Gateway Module Response Tags on page 7502
- Summary of Unified Access Control Response Tags on page 7506
- Summary of Antispam Statistics Response Tags on page 7510
- Summary of Wireless LAN Access Points Response Tags on page 7543
- Summary of GSM Response Tags on page 7564
- Summary of WXOS Protocol Response Tags on page 7573
- Summary of Zones Response Tags on page 7573

Summary of Allowed System Services and Protocols Response Tags

<allowed-host-inbound-traffic>

Usage

```
<allowed-host-inbound-traffic>
  <inbound-all-protocols>
    inbound-all-protocols
  </inbound-all-protocols>
  <inbound-any-service>
    inbound-any-service
  </inbound-any-service>
  <inbound-bootp>
    inbound-bootp
  </inbound-bootp>
  <inbound-bfd>
    inbound-bfd
  </inbound-bfd>
  <inbound-bgp>
    inbound-bgp
  </inbound-bgp>
  <inbound-dns>
    inbound-dns
  </inbound-dns>
  <inbound-dvmrp>
    inbound-dvmrp
```

```
</inbound-dvmrp>
<inbound-igmp>
  inbound-igmp
</inbound-igmp>
<inbound-ldp>
  inbound-ldp
</inbound-ldp>
<inbound-msdp>
  inbound-msdp
</inbound-msdp>
<inbound-nhrp>
  inbound-nhrp
</inbound-nhrp>
<inbound-ospf>
  inbound-ospf
</inbound-ospf>
<inbound-ospf3>
  inbound-ospf3
</inbound-ospf3>
<inbound-pgm>
  inbound-pgm
</inbound-pgm>
<inbound-pim>
  inbound-pim
</inbound-pim>
<inbound-rip>
  inbound-rip
</inbound-rip>
<inbound-ripng>
  inbound-ripng
</inbound-ripng>
<inbound-router-discovery>
  inbound-router-discovery
</inbound-router-discovery>
<inbound-rsvp>
  inbound-rsvp
</inbound-rsvp>
<inbound-sap>
  inbound-sap
</inbound-sap>
<inbound-vrrp>
  inbound-vrrp
</inbound-vrrp>
<inbound-all-services>
  inbound-all-services
</inbound-all-services>
<inbound-dhcp>
  inbound-dhcp
</inbound-dhcp>
<inbound-finger>
  inbound-finger
</inbound-finger>
<inbound-ftp>
  inbound-ftp
</inbound-ftp>
<inbound-tftp>
```

```
inbound-tftp
</inbound-tftp>
<ident-reset>
  ident-reset
</ident-reset>
<inbound-http>
  inbound-http
</inbound-http>
<inbound-https>
  inbound-https
</inbound-https>
<inbound-ike>
  inbound-ike
</inbound-ike>
<inbound-netconf>
  inbound-netconf
</inbound-netconf>
<inbound-ping>
  inbound-ping
</inbound-ping>
<inbound-reverse-telnet>
  inbound-reverse-telnet
</inbound-reverse-telnet>
<inbound-reverse-ssh>
  inbound-reverse-ssh
</inbound-reverse-ssh>
<inbound-rlogin>
  inbound-rlogin
</inbound-rlogin>
<inbound-rpm>
  inbound-rpm
</inbound-rpm>
<inbound-rsh>
  inbound-rsh
</inbound-rsh>
<inbound-snmp>
  inbound-snmp
</inbound-snmp>
<inbound-snmp-trap>
  inbound-snmp-trap
</inbound-snmp-trap>
<inbound-ssh>
  inbound-ssh
</inbound-ssh>
<inbound-telnet>
  inbound-telnet
</inbound-telnet>
<inbound-traceroute>
  inbound-traceroute
</inbound-traceroute>
<inbound-xnm-clear-text>
  inbound-xnm-clear-text
</inbound-xnm-clear-text>
<inbound-xnm-ssl>
  inbound-xnm-ssl
</inbound-xnm-ssl>
```



```

<inbound-lsping>
  inbound-lsping
</inbound-lsping>
<inbound-ntp>
  inbound-ntp
</inbound-ntp>
<inbound-sip>
  inbound-sip
</inbound-sip>
</allowed-host-inbound-traffic>

```

Description List of allowed system services and protocols

<security-error-flow-statistics>

Usage

```

<security-error-flow-statistics>
  <flow-error-policy-denied>
    flow-error-policy-denied
  </flow-error-policy-denied>
  <flow-error-no-gate-parent>
    flow-error-no-gate-parent
  </flow-error-no-gate-parent>
  <flow-error-syn-protection>
    flow-error-syn-protection
  </flow-error-syn-protection>
  <flow-error-incoming-nat>
    flow-error-incoming-nat
  </flow-error-incoming-nat>
  <flow-error-no-tunnel>
    flow-error-no-tunnel
  </flow-error-no-tunnel>
  <flow-error-no-more-session>
    flow-error-no-more-session
  </flow-error-no-more-session>
  <flow-error-invalid-zone>
    flow-error-invalid-zone
  </flow-error-invalid-zone>
  <flow-error-user-authentication>
    flow-error-user-authentication
  </flow-error-user-authentication>
  <flow-error-multiple-auth>
    flow-error-multiple-auth
  </flow-error-multiple-auth>
  <flow-error-multiple-incoming-nat>
    flow-error-multiple-incoming-nat
  </flow-error-multiple-incoming-nat>
  <flow-error-address-spoofing>
    flow-error-address-spoofing
  </flow-error-address-spoofing>
  <flow-error-null-zone>
    flow-error-null-zone
  </flow-error-null-zone>
  <flow-error-no-nat-gate>

```

```
    flow-error-no-nat-gate
  </flow-error-no-nat-gate>
  <flow-error-no-minor-session>
    flow-error-no-minor-session
  </flow-error-no-minor-session>
  <flow-error-no-session-gate>
    flow-error-no-session-gate
  </flow-error-no-session-gate>
  <flow-error-seq-outside-window>
    flow-error-seq-outside-window
  </flow-error-seq-outside-window>
  <flow-error-no-route-present>
    flow-error-no-route-present
  </flow-error-no-route-present>
  <flow-error-authentication-failed>
    flow-error-authentication-failed
  </flow-error-authentication-failed>
  <flow-error-security-association-missing>
    flow-error-security-association-missing
  </flow-error-security-association-missing>
  <flow-error-no-sa-for-spi>
    flow-error-no-sa-for-spi
  </flow-error-no-sa-for-spi>
  <flow-error-no-interest-self-packet>
    flow-error-no-interest-self-packet
  </flow-error-no-interest-self-packet>
</security-error-flow-statistics>
```

Description Flow error statistics for the interface

<security-input-flow-statistics>

Usage

```
<security-input-flow-statistics>
  <flow-input-self-packets>
    flow-input-self-packets
  </flow-input-self-packets>
  <flow-input-icmp-packets>
    flow-input-icmp-packets
  </flow-input-icmp-packets>
  <flow-input-vpn-packets>
    flow-input-vpn-packets
  </flow-input-vpn-packets>
  <flow-input-multicast-packets>
    flow-input-multicast-packets
  </flow-input-multicast-packets>
  <flow-input-policy-bytes>
    flow-input-policy-bytes
  </flow-input-policy-bytes>
  <flow-input-connections>
    flow-input-connections
  </flow-input-connections>
</security-input-flow-statistics>
```

Description Flow input statistics for the interface

<security-output-flow-statistics>

Usage

```
<security-output-flow-statistics>
  <flow-output-multicast-packets>
    flow-output-multicast-packets
  </flow-output-multicast-packets>
  <flow-output-policy-bytes>
    flow-output-policy-bytes
  </flow-output-policy-bytes>
</security-output-flow-statistics>
```

Description Flow output statistics for the interface

Summary of ALG Response Tags

<alg-configuration>

Usage

```
<alg-configuration>
  <alg-configuration-activate-dns>
    alg-configuration-activate-dns
  </alg-configuration-activate-dns>
  <alg-configuration-activate-ftp>
    alg-configuration-activate-ftp
  </alg-configuration-activate-ftp>
  <alg-configuration-activate-h323>
    alg-configuration-activate-h323
  </alg-configuration-activate-h323>
  <alg-configuration-activate-mgcp>
    alg-configuration-activate-mgcp
  </alg-configuration-activate-mgcp>
  <alg-configuration-activate-msrpc>
    alg-configuration-activate-msrpc
  </alg-configuration-activate-msrpc>
  <alg-configuration-activate-real>
    alg-configuration-activate-real
  </alg-configuration-activate-real>
  <alg-configuration-activate-rsh>
    alg-configuration-activate-rsh
  </alg-configuration-activate-rsh>
  <alg-configuration-activate-rtsp>
    alg-configuration-activate-rtsp
  </alg-configuration-activate-rtsp>
  <alg-configuration-activate-sccp>
    alg-configuration-activate-sccp
  </alg-configuration-activate-sccp>
  <alg-configuration-activate-sip>
    alg-configuration-activate-sip
  </alg-configuration-activate-sip>
  <alg-configuration-activate-sql>
```

```
alg-configuration-activate-sql
</alg-configuration-activate-sql>
<alg-configuration-activate-sunrpc>
  alg-configuration-activate-sunrpc
</alg-configuration-activate-sunrpc>
<alg-configuration-activate-talk>
  alg-configuration-activate-talk
</alg-configuration-activate-talk>
<alg-configuration-activate-tftp>
  alg-configuration-activate-tftp
</alg-configuration-activate-tftp>
<alg-configuration-activate-pptp>
  alg-configuration-activate-pptp
</alg-configuration-activate-pptp>
<alg-configuration-dns-max-message-length>
  alg-configuration-dns-max-message-length
</alg-configuration-dns-max-message-length>
<alg-configuration-ftp-ftp-extension>
  alg-configuration-ftp-ftp-extension
</alg-configuration-ftp-ftp-extension>
<alg-configuration-h323-endpoint-registration-timeout>
  alg-configuration-h323-endpoint-registration-timeout
</alg-configuration-h323-endpoint-registration-timeout>
<alg-configuration-h323-media-source-port-any>
  alg-configuration-h323-media-source-port-any
</alg-configuration-h323-media-source-port-any>
<alg-configuration-h323-app-scrn-unknown-msg-nat>
  alg-configuration-h323-app-scrn-unknown-msg-nat
</alg-configuration-h323-app-scrn-unknown-msg-nat>
<alg-configuration-h323-app-scrn-unknown-msg-route>
  alg-configuration-h323-app-scrn-unknown-msg-route
</alg-configuration-h323-app-scrn-unknown-msg-route>
<alg-configuration-h323-app-scrn-msg-flood-gatekeeper-threshold>
  alg-configuration-h323-app-scrn-msg-flood-gatekeeper-threshold
</alg-configuration-h323-app-scrn-msg-flood-gatekeeper-threshold>
<alg-configuration-h323-dscp-codepoint>
  alg-configuration-h323-dscp-codepoint
</alg-configuration-h323-dscp-codepoint>
<alg-configuration-mgcp-inactive-media-timeout>
  alg-configuration-mgcp-inactive-media-timeout
</alg-configuration-mgcp-inactive-media-timeout>
<alg-configuration-mgcp-transaction-timeout>
  alg-configuration-mgcp-transaction-timeout
</alg-configuration-mgcp-transaction-timeout>
<alg-configuration-mgcp-max-call-duration>
  alg-configuration-mgcp-max-call-duration
</alg-configuration-mgcp-max-call-duration>
<alg-configuration-mgcp-app-scrn-unknown-msg-nat>
  alg-configuration-mgcp-app-scrn-unknown-msg-nat
</alg-configuration-mgcp-app-scrn-unknown-msg-nat>
<alg-configuration-mgcp-app-scrn-unknown-msg-route>
  alg-configuration-mgcp-app-scrn-unknown-msg-route
</alg-configuration-mgcp-app-scrn-unknown-msg-route>
<alg-configuration-mgcp-app-scrn-msg-flood-threshold>
  alg-configuration-mgcp-app-scrn-msg-flood-threshold
</alg-configuration-mgcp-app-scrn-msg-flood-threshold>
```

```

<alg-configuration-mgcp-app-scrn-con-flood-threshold>
  alg-configuration-mgcp-app-scrn-con-flood-threshold
</alg-configuration-mgcp-app-scrn-con-flood-threshold>
<alg-configuration-mgcp-dscp-codepoint>
  alg-configuration-mgcp-dscp-codepoint
</alg-configuration-mgcp-dscp-codepoint>
<alg-configuration-sccp-inactive-media-timeout>
  alg-configuration-sccp-inactive-media-timeout
</alg-configuration-sccp-inactive-media-timeout>
<alg-configuration-sccp-app-scrn-unknown-msg-nat>
  alg-configuration-sccp-app-scrn-unknown-msg-nat
</alg-configuration-sccp-app-scrn-unknown-msg-nat>
<alg-configuration-sccp-app-scrn-unknown-msg-route>
  alg-configuration-sccp-app-scrn-unknown-msg-route
</alg-configuration-sccp-app-scrn-unknown-msg-route>
<alg-configuration-sccp-app-scrn-call-flood-threshold>
  alg-configuration-sccp-app-scrn-call-flood-threshold
</alg-configuration-sccp-app-scrn-call-flood-threshold>
<alg-configuration-sccp-dscp-codepoint>
  alg-configuration-sccp-dscp-codepoint
</alg-configuration-sccp-dscp-codepoint>
<alg-configuration-sip-inactive-media-timeout>
  alg-configuration-sip-inactive-media-timeout
</alg-configuration-sip-inactive-media-timeout>
<alg-configuration-sip-max-call-duration>
  alg-configuration-sip-max-call-duration
</alg-configuration-sip-max-call-duration>
<alg-configuration-sip-t1-interval>
  alg-configuration-sip-t1-interval
</alg-configuration-sip-t1-interval>
<alg-configuration-sip-t4-interval>
  alg-configuration-sip-t4-interval
</alg-configuration-sip-t4-interval>
<alg-configuration-sip-c-timeout>
  alg-configuration-sip-c-timeout
</alg-configuration-sip-c-timeout>
<alg-configuration-sip-dscp-codepoint>
  alg-configuration-sip-dscp-codepoint
</alg-configuration-sip-dscp-codepoint>
<alg-configuration-sip-app-scrn-unknown-msg-nat>
  alg-configuration-sip-app-scrn-unknown-msg-nat
</alg-configuration-sip-app-scrn-unknown-msg-nat>
<alg-configuration-sip-app-scrn-unknown-msg-route>
  alg-configuration-sip-app-scrn-unknown-msg-route
</alg-configuration-sip-app-scrn-unknown-msg-route>
<alg-configuration-sip-app-scrn-prt-deny-timeout>
  alg-configuration-sip-app-scrn-prt-deny-timeout
</alg-configuration-sip-app-scrn-prt-deny-timeout>
<alg-configuration-sip-app-scrn-prt-deny-dest-ip-entry>
  alg-configuration-sip-app-scrn-prt-deny-dest-ip-entry
</alg-configuration-sip-app-scrn-prt-deny-dest-ip-entry>
</alg-configuration>

```

Description

<alg-h323-counters>

Usage

```
<alg-h323-counters>
  <alg-h323-counters-pkt-rcvd>
    alg-h323-counters-pkt-rcvd
  </alg-h323-counters-pkt-rcvd>
  <alg-h323-counters-pkt-drpdp>
    alg-h323-counters-pkt-drpdp
  </alg-h323-counters-pkt-drpdp>
  <alg-h323-counters-ras-msg-rcvd>
    alg-h323-counters-ras-msg-rcvd
  </alg-h323-counters-ras-msg-rcvd>
  <alg-h323-counters-q931-msg-rcvd>
    alg-h323-counters-q931-msg-rcvd
  </alg-h323-counters-q931-msg-rcvd>
  <alg-h323-counters-h245-msg-rcvd>
    alg-h323-counters-h245-msg-rcvd
  </alg-h323-counters-h245-msg-rcvd>
  <alg-h323-counters-num-calls>
    alg-h323-counters-num-calls
  </alg-h323-counters-num-calls>
  <alg-h323-counters-num-active-calls>
    alg-h323-counters-num-active-calls
  </alg-h323-counters-num-active-calls>
  <alg-h323-counters-num-dscp-marked>
    alg-h323-counters-num-dscp-marked
  </alg-h323-counters-num-dscp-marked>
  <alg-h323-counters-err-decode>
    alg-h323-counters-err-decode
  </alg-h323-counters-err-decode>
  <alg-h323-counters-err-msg-flood-drpdp>
    alg-h323-counters-err-msg-flood-drpdp
  </alg-h323-counters-err-msg-flood-drpdp>
  <alg-h323-counters-err-nat>
    alg-h323-counters-err-nat
  </alg-h323-counters-err-nat>
  <alg-h323-counters-err-rm>
    alg-h323-counters-err-rm
  </alg-h323-counters-err-rm>
  <alg-h323-counters-err-dscp>
    alg-h323-counters-err-dscp
  </alg-h323-counters-err-dscp>
  <alg-h323-counters-msg-rrq>
    alg-h323-counters-msg-rrq
  </alg-h323-counters-msg-rrq>
  <alg-h323-counters-msg-rcf>
    alg-h323-counters-msg-rcf
  </alg-h323-counters-msg-rcf>
  <alg-h323-counters-msg-arq>
    alg-h323-counters-msg-arq
  </alg-h323-counters-msg-arq>
  <alg-h323-counters-msg-acf>
    alg-h323-counters-msg-acf
  </alg-h323-counters-msg-acf>
```

```

<alg-h323-counters-msg-urq>
  alg-h323-counters-msg-urq
</alg-h323-counters-msg-urq>
<alg-h323-counters-msg-ucf>
  alg-h323-counters-msg-ucf
</alg-h323-counters-msg-ucf>
<alg-h323-counters-msg-drq>
  alg-h323-counters-msg-drq
</alg-h323-counters-msg-drq>
<alg-h323-counters-msg-oth-ras>
  alg-h323-counters-msg-oth-ras
</alg-h323-counters-msg-oth-ras>
<alg-h323-counters-msg-setup>
  alg-h323-counters-msg-setup
</alg-h323-counters-msg-setup>
<alg-h323-counters-msg-alert>
  alg-h323-counters-msg-alert
</alg-h323-counters-msg-alert>
<alg-h323-counters-msg-connect>
  alg-h323-counters-msg-connect
</alg-h323-counters-msg-connect>
<alg-h323-counters-msg-callprod>
  alg-h323-counters-msg-callprod
</alg-h323-counters-msg-callprod>
<alg-h323-counters-msg-info>
  alg-h323-counters-msg-info
</alg-h323-counters-msg-info>
<alg-h323-counters-msg-relcml>
  alg-h323-counters-msg-relcml
</alg-h323-counters-msg-relcml>
<alg-h323-counters-msg-facility>
  alg-h323-counters-msg-facility
</alg-h323-counters-msg-facility>
<alg-h323-counters-msg-empty>
  alg-h323-counters-msg-empty
</alg-h323-counters-msg-empty>
<alg-h323-counters-msg-olc>
  alg-h323-counters-msg-olc
</alg-h323-counters-msg-olc>
<alg-h323-counters-msg-olc-ack>
  alg-h323-counters-msg-olc-ack
</alg-h323-counters-msg-olc-ack>
<alg-h323-counters-msg-oth-h245>
  alg-h323-counters-msg-oth-h245
</alg-h323-counters-msg-oth-h245>
</alg-h323-counters>

```

Description

<alg-ike-esp-clear>

Usage

```

<alg-ike-esp-clear>
  <alg-ike-esp-clear-count>
    alg-ike-esp-clear-count

```

```
</alg-ike-esp-clear-count>
</alg-ike-esp-clear>
```

Description Information about cleared IKE-ESP ALG state

<alg-ike-esp-show>

Usage

```
<alg-ike-esp-show>
  <ike-esp-cookies>....</ike-esp-cookies>
</alg-ike-esp-show>
```

Description

<alg-ike-esp-show-summary>

Usage

```
<alg-ike-esp-show-summary>
  <alg-ike-esp-use-count>
    alg-ike-esp-use-count
  </alg-ike-esp-use-count>
  <alg-ike-esp-total-count>
    alg-ike-esp-total-count
  </alg-ike-esp-total-count>
</alg-ike-esp-show-summary>
```

Description IKE-ESP ALG summary

<alg-mgcp-call-connections-data>

Usage

```
<alg-mgcp-call-information>
  <alg-mgcp-call-data>
    <alg-mgcp-call-connections-data>
      <alg-mgcp-call-connection-id>
        alg-mgcp-call-connection-id
      </alg-mgcp-call-connection-id>
      <alg-mgcp-call-local-sdp-o>
        alg-mgcp-call-local-sdp-o
      </alg-mgcp-call-local-sdp-o>
      <alg-mgcp-call-local-sdp-x-o>
        alg-mgcp-call-local-sdp-x-o
      </alg-mgcp-call-local-sdp-x-o>
      <alg-mgcp-call-local-sdp-m-lines>....</alg-mgcp-call-local-sdp-m-lines>
      <alg-mgcp-call-remote-sdp-o>
        alg-mgcp-call-remote-sdp-o
      </alg-mgcp-call-remote-sdp-o>
      <alg-mgcp-call-remote-sdp-x-o>
        alg-mgcp-call-remote-sdp-x-o
      </alg-mgcp-call-remote-sdp-x-o>
      <alg-mgcp-call-remote-sdp-m-lines>....</alg-mgcp-call-remote-sdp-m-lines>
```



```

    </alg-mgcp-call-connections-data>
  </alg-mgcp-call-data>
</alg-mgcp-call-information>

```

Description**<alg-mgcp-call-data>****Usage**

```

<alg-mgcp-call-information>
  <alg-mgcp-call-data>
    <alg-mgcp-call-ep>
      alg-mgcp-call-ep
    </alg-mgcp-call-ep>
    <alg-mgcp-call-ep-gw>
      alg-mgcp-call-ep-gw
    </alg-mgcp-call-ep-gw>
    <alg-mgcp-call-zone>
      alg-mgcp-call-zone
    </alg-mgcp-call-zone>
    <alg-mgcp-call-call-id>
      alg-mgcp-call-call-id
    </alg-mgcp-call-call-id>
    <alg-mgcp-call-resmgr-group>
      alg-mgcp-call-resmgr-group
    </alg-mgcp-call-resmgr-group>
    <alg-mgcp-call-call-duration>
      alg-mgcp-call-call-duration
    </alg-mgcp-call-call-duration>
    <alg-mgcp-call-connections-data>....</alg-mgcp-call-connections-data>
  </alg-mgcp-call-data>
</alg-mgcp-call-information>

```

Description**<alg-mgcp-call-information>****Usage**

```

<alg-mgcp-call-information>
  <alg-mgcp-call-data>....</alg-mgcp-call-data>
</alg-mgcp-call-information>

```

Description Information about the Media Gateway Control Protocol (MGCP) application-level gateway (ALG) calls

<alg-mgcp-call-local-sdp-m-lines>**Usage**

```

<alg-mgcp-call-information>
  <alg-mgcp-call-data>
    <alg-mgcp-call-connections-data>
      <alg-mgcp-call-local-sdp-m-lines>
        <alg-mgcp-call-local-sdp-c-ip>

```

```
    alg-mgcp-call-local-sdp-c-ip
  </alg-mgcp-call-local-sdp-c-ip>
  <alg-mgcp-call-local-sdp-c-port>
    alg-mgcp-call-local-sdp-c-port
  </alg-mgcp-call-local-sdp-c-port>
  <alg-mgcp-call-local-sdp-c-x-ip>
    alg-mgcp-call-local-sdp-c-x-ip
  </alg-mgcp-call-local-sdp-c-x-ip>
  <alg-mgcp-call-local-sdp-c-x-port>
    alg-mgcp-call-local-sdp-c-x-port
  </alg-mgcp-call-local-sdp-c-x-port>
</alg-mgcp-call-local-sdp-m-lines>
</alg-mgcp-call-connections-data>
</alg-mgcp-call-data>
</alg-mgcp-call-information>
```

Description

<alg-mgcp-call-remote-sdp-m-lines>

Usage

```
<alg-mgcp-call-information>
  <alg-mgcp-call-data>
    <alg-mgcp-call-connections-data>
      <alg-mgcp-call-remote-sdp-m-lines>
        <alg-mgcp-call-remote-sdp-c-ip>
          alg-mgcp-call-remote-sdp-c-ip
        </alg-mgcp-call-remote-sdp-c-ip>
        <alg-mgcp-call-remote-sdp-c-port>
          alg-mgcp-call-remote-sdp-c-port
        </alg-mgcp-call-remote-sdp-c-port>
        <alg-mgcp-call-remote-sdp-c-x-ip>
          alg-mgcp-call-remote-sdp-c-x-ip
        </alg-mgcp-call-remote-sdp-c-x-ip>
        <alg-mgcp-call-remote-sdp-c-x-port>
          alg-mgcp-call-remote-sdp-c-x-port
        </alg-mgcp-call-remote-sdp-c-x-port>
      </alg-mgcp-call-remote-sdp-m-lines>
    </alg-mgcp-call-connections-data>
  </alg-mgcp-call-data>
</alg-mgcp-call-information>
```

Description

<alg-mgcp-counter-information>

Usage

```
<alg-mgcp-counter-information>
  <alg-mgcp-counters-packets-received>
    alg-mgcp-counters-packets-received
  </alg-mgcp-counters-packets-received>
  <alg-mgcp-counters-packets-dropped>
    alg-mgcp-counters-packets-dropped
  </alg-mgcp-counters-packets-dropped>
```

```
<alg-mgcp-counters-message-received>
  alg-mgcp-counters-message-received
</alg-mgcp-counters-message-received>
<alg-mgcp-counters-connections>
  alg-mgcp-counters-connections
</alg-mgcp-counters-connections>
<alg-mgcp-counters-active-connections>
  alg-mgcp-counters-active-connections
</alg-mgcp-counters-active-connections>
<alg-mgcp-counters-calls>
  alg-mgcp-counters-calls
</alg-mgcp-counters-calls>
<alg-mgcp-counters-active-calls>
  alg-mgcp-counters-active-calls
</alg-mgcp-counters-active-calls>
<alg-mgcp-counters-transactions>
  alg-mgcp-counters-transactions
</alg-mgcp-counters-transactions>
<alg-mgcp-counters-active-transactions>
  alg-mgcp-counters-active-transactions
</alg-mgcp-counters-active-transactions>
<alg-mgcp-counters-retransmissions>
  alg-mgcp-counters-retransmissions
</alg-mgcp-counters-retransmissions>
<alg-mgcp-counters-active-endpoints>
  alg-mgcp-counters-active-endpoints
</alg-mgcp-counters-active-endpoints>
<alg-mgcp-counters-dscp-marked>
  alg-mgcp-counters-dscp-marked
</alg-mgcp-counters-dscp-marked>
<alg-mgcp-counters-unknown-method>
  alg-mgcp-counters-unknown-method
</alg-mgcp-counters-unknown-method>
<alg-mgcp-counters-decoding-errors>
  alg-mgcp-counters-decoding-errors
</alg-mgcp-counters-decoding-errors>
<alg-mgcp-counters-transaction-errors>
  alg-mgcp-counters-transaction-errors
</alg-mgcp-counters-transaction-errors>
<alg-mgcp-counters-call-errors>
  alg-mgcp-counters-call-errors
</alg-mgcp-counters-call-errors>
<alg-mgcp-counters-connection-errors>
  alg-mgcp-counters-connection-errors
</alg-mgcp-counters-connection-errors>
<alg-mgcp-counters-connection-flood-drop>
  alg-mgcp-counters-connection-flood-drop
</alg-mgcp-counters-connection-flood-drop>
<alg-mgcp-counters-message-flood-drop>
  alg-mgcp-counters-message-flood-drop
</alg-mgcp-counters-message-flood-drop>
<alg-mgcp-counters-ip-resolution-errors>
  alg-mgcp-counters-ip-resolution-errors
</alg-mgcp-counters-ip-resolution-errors>
<alg-mgcp-counters-nat-errors>
  alg-mgcp-counters-nat-errors
```

```
</alg-mgcp-counters-nat-errors>
<alg-mgcp-counters-resource-mgr-errors>
  alg-mgcp-counters-resource-mgr-errors
</alg-mgcp-counters-resource-mgr-errors>
<alg-mgcp-counters-dscp-errors>
  alg-mgcp-counters-dscp-errors
</alg-mgcp-counters-dscp-errors>
<alg-mgcp-counters-crcx-packets>
  alg-mgcp-counters-crcx-packets
</alg-mgcp-counters-crcx-packets>
<alg-mgcp-counters-mdcx-packets>
  alg-mgcp-counters-mdcx-packets
</alg-mgcp-counters-mdcx-packets>
<alg-mgcp-counters-dlcx-packets>
  alg-mgcp-counters-dlcx-packets
</alg-mgcp-counters-dlcx-packets>
<alg-mgcp-counters-auex-packets>
  alg-mgcp-counters-auex-packets
</alg-mgcp-counters-auex-packets>
<alg-mgcp-counters-aucx-packets>
  alg-mgcp-counters-aucx-packets
</alg-mgcp-counters-aucx-packets>
<alg-mgcp-counters-ntfy-packets>
  alg-mgcp-counters-ntfy-packets
</alg-mgcp-counters-ntfy-packets>
<alg-mgcp-counters-rsip-packets>
  alg-mgcp-counters-rsip-packets
</alg-mgcp-counters-rsip-packets>
<alg-mgcp-counters-epcf-packets>
  alg-mgcp-counters-epcf-packets
</alg-mgcp-counters-epcf-packets>
<alg-mgcp-counters-rqnt-packets>
  alg-mgcp-counters-rqnt-packets
</alg-mgcp-counters-rqnt-packets>
<alg-mgcp-counters-000-199-packets>
  alg-mgcp-counters-000-199-packets
</alg-mgcp-counters-000-199-packets>
<alg-mgcp-counters-200-299-packets>
  alg-mgcp-counters-200-299-packets
</alg-mgcp-counters-200-299-packets>
<alg-mgcp-counters-300-999-packets>
  alg-mgcp-counters-300-999-packets
</alg-mgcp-counters-300-999-packets>
</alg-mgcp-counter-information>
```

Description

<alg-mgcp-endpoint-information>

Usage

```
<alg-mgcp-endpoint-information>
  <alg-mgcp-endpoints-data>....</alg-mgcp-endpoints-data>
</alg-mgcp-endpoint-information>
```

Description

<alg-mgcp-endpoints-data>

Usage

```

<alg-mgcp-endpoint-information>
  <alg-mgcp-endpoints-data>
    <alg-mgcp-endpoints-gateway>
      alg-mgcp-endpoints-gateway
    </alg-mgcp-endpoints-gateway>
    <alg-mgcp-endpoints-zone>
      alg-mgcp-endpoints-zone
    </alg-mgcp-endpoints-zone>
    <alg-mgcp-gw-ip>
      alg-mgcp-gw-ip
    </alg-mgcp-gw-ip>
    <alg-mgcp-gw-x-ip>
      alg-mgcp-gw-x-ip
    </alg-mgcp-gw-x-ip>
    <alg-mgcp-endpoints-name>
      alg-mgcp-endpoints-name
    </alg-mgcp-endpoints-name>
    <alg-mgcp-endpoints-transaction-num>
      alg-mgcp-endpoints-transaction-num
    </alg-mgcp-endpoints-transaction-num>
    <alg-mgcp-endpoints-call-num>
      alg-mgcp-endpoints-call-num
    </alg-mgcp-endpoints-call-num>
    <alg-mgcp-endpoints-ntfy-ip>
      alg-mgcp-endpoints-ntfy-ip
    </alg-mgcp-endpoints-ntfy-ip>
    <alg-mgcp-endpoints-ntfy-port>
      alg-mgcp-endpoints-ntfy-port
    </alg-mgcp-endpoints-ntfy-port>
    <alg-mgcp-endpoints-ntfy-x-ip>
      alg-mgcp-endpoints-ntfy-x-ip
    </alg-mgcp-endpoints-ntfy-x-ip>
    <alg-mgcp-endpoints-ntfy-x-port>
      alg-mgcp-endpoints-ntfy-x-port
    </alg-mgcp-endpoints-ntfy-x-port>
  </alg-mgcp-endpoints-data>
</alg-mgcp-endpoint-information>

```

Description

<alg-msrpc-map>

Usage

```

<alg-msrpc-map>
  <alg-msrpc-map-data>....</alg-msrpc-map-data>
</alg-msrpc-map>

```

Description

<alg-msrpc-map-data>

Usage

```
<alg-msrpc-map>
  <alg-msrpc-map-data>
    <alg-msrpc-map-data-ip>
      alg-msrpc-map-data-ip
    </alg-msrpc-map-data-ip>
    <alg-msrpc-map-data-port>
      alg-msrpc-map-data-port
    </alg-msrpc-map-data-port>
    <alg-msrpc-map-data-protocol>
      alg-msrpc-map-data-protocol
    </alg-msrpc-map-data-protocol>
    <alg-msrpc-map-data-uuid>
      alg-msrpc-map-data-uuid
    </alg-msrpc-map-data-uuid>
  </alg-msrpc-map-data>
</alg-msrpc-map>
```

Description

<alg-msrpc-uuid2oid>

Usage

```
<alg-msrpc-uuid2oid>
  <alg-msrpc-uuid2oid-data>.....</alg-msrpc-uuid2oid-data>
</alg-msrpc-uuid2oid>
```

Description

<alg-msrpc-uuid2oid-data>

Usage

```
<alg-msrpc-uuid2oid>
  <alg-msrpc-uuid2oid-data>
    <alg-msrpc-uuid2oid-data-uuid>
      alg-msrpc-uuid2oid-data-uuid
    </alg-msrpc-uuid2oid-data-uuid>
    <alg-msrpc-uuid2oid-data-oid>
      alg-msrpc-uuid2oid-data-oid
    </alg-msrpc-uuid2oid-data-oid>
  </alg-msrpc-uuid2oid-data>
</alg-msrpc-uuid2oid>
```

Description

<alg-sccp-call-channel-data>

Usage

```
<alg-sccp-call-information>
  <alg-sccp-call-data>
    <alg-sccp-call-channel-data>
```

```
<alg-sccp-media-receive-channel-ip-address>
  alg-sccp-media-receive-channel-ip-address
</alg-sccp-media-receive-channel-ip-address>
<alg-sccp-media-receive-channel-port>
  alg-sccp-media-receive-channel-port
</alg-sccp-media-receive-channel-port>
<alg-sccp-media-receive-channel-translated-ip-address>
  alg-sccp-media-receive-channel-translated-ip-address
</alg-sccp-media-receive-channel-translated-ip-address>
<alg-sccp-media-receive-channel-translated-port>
  alg-sccp-media-receive-channel-translated-port
</alg-sccp-media-receive-channel-translated-port>
<alg-sccp-media-receive-channel-pass-through-party-id>
  alg-sccp-media-receive-channel-pass-through-party-id
</alg-sccp-media-receive-channel-pass-through-party-id>
<alg-sccp-media-receive-channel-resource-id>
  alg-sccp-media-receive-channel-resource-id
</alg-sccp-media-receive-channel-resource-id>
<alg-sccp-media-transmit-channel-ip-address>
  alg-sccp-media-transmit-channel-ip-address
</alg-sccp-media-transmit-channel-ip-address>
<alg-sccp-media-transmit-channel-port>
  alg-sccp-media-transmit-channel-port
</alg-sccp-media-transmit-channel-port>
<alg-sccp-media-transmit-channel-translated-ip-address>
  alg-sccp-media-transmit-channel-translated-ip-address
</alg-sccp-media-transmit-channel-translated-ip-address>
<alg-sccp-media-transmit-channel-translated-port>
  alg-sccp-media-transmit-channel-translated-port
</alg-sccp-media-transmit-channel-translated-port>
<alg-sccp-media-transmit-channel-pass-through-party-id>
  alg-sccp-media-transmit-channel-pass-through-party-id
</alg-sccp-media-transmit-channel-pass-through-party-id>
<alg-sccp-media-transmit-channel-resource-id>
  alg-sccp-media-transmit-channel-resource-id
</alg-sccp-media-transmit-channel-resource-id>
<alg-sccp-multimedia-receive-channel-ip-address>
  alg-sccp-multimedia-receive-channel-ip-address
</alg-sccp-multimedia-receive-channel-ip-address>
<alg-sccp-multimedia-receive-channel-port>
  alg-sccp-multimedia-receive-channel-port
</alg-sccp-multimedia-receive-channel-port>
<alg-sccp-multimedia-receive-channel-translated-ip-address>
  alg-sccp-multimedia-receive-channel-translated-ip-address
</alg-sccp-multimedia-receive-channel-translated-ip-address>
<alg-sccp-multimedia-receive-channel-translated-port>
  alg-sccp-multimedia-receive-channel-translated-port
</alg-sccp-multimedia-receive-channel-translated-port>
<alg-sccp-multimedia-receive-channel-pass-through-party-id>
  alg-sccp-multimedia-receive-channel-pass-through-party-id
</alg-sccp-multimedia-receive-channel-pass-through-party-id>
<alg-sccp-multimedia-receive-channel-resource-id>
  alg-sccp-multimedia-receive-channel-resource-id
</alg-sccp-multimedia-receive-channel-resource-id>
<alg-sccp-multimedia-transmit-channel-ip-address>
  alg-sccp-multimedia-transmit-channel-ip-address
```

```
</alg-sccp-multimedia-transmit-channel-ip-address>
<alg-sccp-multimedia-transmit-channel-port>
  alg-sccp-multimedia-transmit-channel-port
</alg-sccp-multimedia-transmit-channel-port>
<alg-sccp-multimedia-transmit-channel-translated-ip-address>
  alg-sccp-multimedia-transmit-channel-translated-ip-address
</alg-sccp-multimedia-transmit-channel-translated-ip-address>
<alg-sccp-multimedia-transmit-channel-translated-port>
  alg-sccp-multimedia-transmit-channel-translated-port
</alg-sccp-multimedia-transmit-channel-translated-port>
<alg-sccp-multimedia-transmit-channel-pass-through-party-id>
  alg-sccp-multimedia-transmit-channel-pass-through-party-id
</alg-sccp-multimedia-transmit-channel-pass-through-party-id>
<alg-sccp-multimedia-transmit-channel-resource-id>
  alg-sccp-multimedia-transmit-channel-resource-id
</alg-sccp-multimedia-transmit-channel-resource-id>
</alg-sccp-call-channel-data>
</alg-sccp-call-data>
</alg-sccp-call-information>
```

Description Channel information for the SCCP call

<alg-sccp-call-data>

Usage

```
<alg-sccp-call-information>
<alg-sccp-call-data>
  <alg-sccp-call-client-ip-address>
    alg-sccp-call-client-ip-address
  </alg-sccp-call-client-ip-address>
  <alg-sccp-call-client-zone-name>
    alg-sccp-call-client-zone-name
  </alg-sccp-call-client-zone-name>
  <alg-sccp-call-client-zone-id>
    alg-sccp-call-client-zone-id
  </alg-sccp-call-client-zone-id>
  <alg-sccp-call-manager-ip-address>
    alg-sccp-call-manager-ip-address
  </alg-sccp-call-manager-ip-address>
  <alg-sccp-call-conference-id>
    alg-sccp-call-conference-id
  </alg-sccp-call-conference-id>
  <alg-sccp-call-resource-manager-group-id>
    alg-sccp-call-resource-manager-group-id
  </alg-sccp-call-resource-manager-group-id>
  <alg-sccp-call-channel-data>....</alg-sccp-call-channel-data>
</alg-sccp-call-data>
</alg-sccp-call-information>
```

Description Information about an SCCP call

<alg-sccp-call-information>

Usage

```

<alg-sccp-call-information>
  <alg-sccp-call-data>....</alg-sccp-call-data>
  <alg-sccp-calls-num-active-calls>
    alg-sccp-calls-num-active-calls
  </alg-sccp-calls-num-active-calls>
</alg-sccp-call-information>

```

Description Information about one or more Skinny Client Control Protocol (SCCP) calls

<alg-sccp-counters>

Usage

```

<alg-sccp-counters>
  <alg-sccp-counters-active-client-sessions>
    alg-sccp-counters-active-client-sessions
  </alg-sccp-counters-active-client-sessions>
  <alg-sccp-counters-packets-dropped>
    alg-sccp-counters-packets-dropped
  </alg-sccp-counters-packets-dropped>
  <alg-sccp-counters-decode-errors>
    alg-sccp-counters-decode-errors
  </alg-sccp-counters-decode-errors>
  <alg-sccp-counters-protocol-errors>
    alg-sccp-counters-protocol-errors
  </alg-sccp-counters-protocol-errors>
  <alg-sccp-counters-nat-errors>
    alg-sccp-counters-nat-errors
  </alg-sccp-counters-nat-errors>
  <alg-sccp-counters-policy-not-found>
    alg-sccp-counters-policy-not-found
  </alg-sccp-counters-policy-not-found>
  <alg-sccp-counters-unknown-pdus>
    alg-sccp-counters-unknown-pdus
  </alg-sccp-counters-unknown-pdus>
  <alg-sccp-counters-maximum-calls-exceeded>
    alg-sccp-counters-maximum-calls-exceeded
  </alg-sccp-counters-maximum-calls-exceeded>
  <alg-sccp-counters-maximum-call-rate-exceeded>
    alg-sccp-counters-maximum-call-rate-exceeded
  </alg-sccp-counters-maximum-call-rate-exceeded>
  <alg-sccp-counters-init-errors>
    alg-sccp-counters-init-errors
  </alg-sccp-counters-init-errors>
  <alg-sccp-counters-internal-errors>
    alg-sccp-counters-internal-errors
  </alg-sccp-counters-internal-errors>
  <alg-sccp-counters-unspecified-errors>
    alg-sccp-counters-unspecified-errors
  </alg-sccp-counters-unspecified-errors>
  <alg-sccp-counters-no-active-calls>
    alg-sccp-counters-no-active-calls

```

```
</alg-sccp-counters-no-active-calls>
<alg-sccp-counters-no-active-sessions>
  alg-sccp-counters-no-active-sessions
</alg-sccp-counters-no-active-sessions>
<alg-sccp-counters-cookie-create-errors>
  alg-sccp-counters-cookie-create-errors
</alg-sccp-counters-cookie-create-errors>
<alg-sccp-counters-bad-nat-cookie>
  alg-sccp-counters-bad-nat-cookie
</alg-sccp-counters-bad-nat-cookie>
<alg-sccp-counters-nat-cookie-not-found>
  alg-sccp-counters-nat-cookie-not-found
</alg-sccp-counters-nat-cookie-not-found>
<alg-sccp-counters-dscp-marked-errors>
  alg-sccp-counters-dscp-marked-errors
</alg-sccp-counters-dscp-marked-errors>
<alg-sccp-counters-active-calls>
  alg-sccp-counters-active-calls
</alg-sccp-counters-active-calls>
<alg-sccp-counters-total-calls>
  alg-sccp-counters-total-calls
</alg-sccp-counters-total-calls>
<alg-sccp-counters-packets-received>
  alg-sccp-counters-packets-received
</alg-sccp-counters-packets-received>
<alg-sccp-counters-pdus-processed>
  alg-sccp-counters-pdus-processed
</alg-sccp-counters-pdus-processed>
<alg-sccp-counters-current-call-rate>
  alg-sccp-counters-current-call-rate
</alg-sccp-counters-current-call-rate>
<alg-sccp-counters-dscp-marked>
  alg-sccp-counters-dscp-marked
</alg-sccp-counters-dscp-marked>
</alg-sccp-counters>
```

Description Skinny Client Control Protocol (SCCP) Application Layer Gateway (ALG) counters representing runtime information

<alg-sip-call-information>

Usage

```
<alg-sip-call-information>
  <alg-sip-calls-total-num-calls>
    alg-sip-calls-total-num-calls
  </alg-sip-calls-total-num-calls>
  <alg-sip-calls-data>....</alg-sip-calls-data>
</alg-sip-call-information>
```

Description

<alg-sip-calls-data>

Usage

```

<alg-sip-call-information>
  <alg-sip-calls-data>
    <alg-sip-calls-call-id>
      alg-sip-calls-call-id
    </alg-sip-calls-call-id>
    <alg-sip-calls-method>
      alg-sip-calls-method
    </alg-sip-calls-method>
    <alg-sip-calls-state>
      alg-sip-calls-state
    </alg-sip-calls-state>
    <alg-sip-calls-rm-group-id>
      alg-sip-calls-rm-group-id
    </alg-sip-calls-rm-group-id>
  </alg-sip-calls-data>
</alg-sip-call-information>

```

Description

<alg-sip-counter-information>

Usage

```

<alg-sip-counter-information>
  <alg-sip-counters-data>....</alg-sip-counters-data>
  <alg-sip-counters-total-packet-in>
    alg-sip-counters-total-packet-in
  </alg-sip-counters-total-packet-in>
  <alg-sip-counters-pkt-drop-on-error>
    alg-sip-counters-pkt-drop-on-error
  </alg-sip-counters-pkt-drop-on-error>
  <alg-sip-counters-call-error>
    alg-sip-counters-call-error
  </alg-sip-counters-call-error>
  <alg-sip-counters-ip-resolve-error>
    alg-sip-counters-ip-resolve-error
  </alg-sip-counters-ip-resolve-error>
  <alg-sip-counters-nat-error>
    alg-sip-counters-nat-error
  </alg-sip-counters-nat-error>
  <alg-sip-counters-resmgr-error>
    alg-sip-counters-resmgr-error
  </alg-sip-counters-resmgr-error>
  <alg-sip-counters-rr-hdr-exceeded-max>
    alg-sip-counters-rr-hdr-exceeded-max
  </alg-sip-counters-rr-hdr-exceeded-max>
  <alg-sip-counters-contact-hdr-exceeded-max>
    alg-sip-counters-contact-hdr-exceeded-max
  </alg-sip-counters-contact-hdr-exceeded-max>
  <alg-sip-counters-call-drop-to-limit>
    alg-sip-counters-call-drop-to-limit
  </alg-sip-counters-call-drop-to-limit>
  <alg-sip-counters-sip-stack-error>

```

```
    alg-sip-counters-sip-stack-error
  </alg-sip-counters-sip-stack-error>
  <alg-sip-counters-sip-decode-error>
    alg-sip-counters-sip-decode-error
  </alg-sip-counters-sip-decode-error>
  <alg-sip-counters-unknown-method-error>
    alg-sip-counters-unknown-method-error
  </alg-sip-counters-unknown-method-error>
  <alg-sip-counters-dscp-marked>
    alg-sip-counters-dscp-marked
  </alg-sip-counters-dscp-marked>
  <alg-sip-counters-dscp-marked-error>
    alg-sip-counters-dscp-marked-error
  </alg-sip-counters-dscp-marked-error>
  <alg-sip-counters-ha-packet-out>
    alg-sip-counters-ha-packet-out
  </alg-sip-counters-ha-packet-out>
  <alg-sip-counters-ha-packet-in>
    alg-sip-counters-ha-packet-in
  </alg-sip-counters-ha-packet-in>
  <alg-sip-counters-ha-buffer-alloc-error>
    alg-sip-counters-ha-buffer-alloc-error
  </alg-sip-counters-ha-buffer-alloc-error>
  <alg-sip-counters-ha-transmit-error>
    alg-sip-counters-ha-transmit-error
  </alg-sip-counters-ha-transmit-error>
  <alg-sip-counters-ha-send-proc-error>
    alg-sip-counters-ha-send-proc-error
  </alg-sip-counters-ha-send-proc-error>
  <alg-sip-counters-ha-receive-proc-error>
    alg-sip-counters-ha-receive-proc-error
  </alg-sip-counters-ha-receive-proc-error>
  <alg-sip-counters-ha-receive-inv-len-error>
    alg-sip-counters-ha-receive-inv-len-error
  </alg-sip-counters-ha-receive-inv-len-error>
  <alg-sip-counters-ha-receive-call-proc-error>
    alg-sip-counters-ha-receive-call-proc-error
  </alg-sip-counters-ha-receive-call-proc-error>
  <alg-sip-counters-ha-receive-call-alloc-error>
    alg-sip-counters-ha-receive-call-alloc-error
  </alg-sip-counters-ha-receive-call-alloc-error>
  <alg-sip-counters-ha-receive-call-reg-error>
    alg-sip-counters-ha-receive-call-reg-error
  </alg-sip-counters-ha-receive-call-reg-error>
  <alg-sip-counters-ha-receive-invalid-status-error>
    alg-sip-counters-ha-receive-invalid-status-error
  </alg-sip-counters-ha-receive-invalid-status-error>
</alg-sip-counter-information>
```

Description

<alg-sip-counters-data>

Usage

<alg-sip-counter-information>

```

<alg-sip-counters-data>
  <alg-sip-counters-tbl-method>
    alg-sip-counters-tbl-method
  </alg-sip-counters-tbl-method>
  <alg-sip-counters-tbl-transmit>
    alg-sip-counters-tbl-transmit
  </alg-sip-counters-tbl-transmit>
  <alg-sip-counters-tbl-retransmit>
    alg-sip-counters-tbl-retransmit
  </alg-sip-counters-tbl-retransmit>
  <alg-sip-counters-tbl-transmit-1xx>
    alg-sip-counters-tbl-transmit-1xx
  </alg-sip-counters-tbl-transmit-1xx>
  <alg-sip-counters-tbl-retransmit-1xx>
    alg-sip-counters-tbl-retransmit-1xx
  </alg-sip-counters-tbl-retransmit-1xx>
  <alg-sip-counters-tbl-transmit-2xx>
    alg-sip-counters-tbl-transmit-2xx
  </alg-sip-counters-tbl-transmit-2xx>
  <alg-sip-counters-tbl-retransmit-2xx>
    alg-sip-counters-tbl-retransmit-2xx
  </alg-sip-counters-tbl-retransmit-2xx>
  <alg-sip-counters-tbl-transmit-3xx>
    alg-sip-counters-tbl-transmit-3xx
  </alg-sip-counters-tbl-transmit-3xx>
  <alg-sip-counters-tbl-retransmit-3xx>
    alg-sip-counters-tbl-retransmit-3xx
  </alg-sip-counters-tbl-retransmit-3xx>
  <alg-sip-counters-tbl-transmit-4xx>
    alg-sip-counters-tbl-transmit-4xx
  </alg-sip-counters-tbl-transmit-4xx>
  <alg-sip-counters-tbl-retransmit-4xx>
    alg-sip-counters-tbl-retransmit-4xx
  </alg-sip-counters-tbl-retransmit-4xx>
  <alg-sip-counters-tbl-transmit-5xx>
    alg-sip-counters-tbl-transmit-5xx
  </alg-sip-counters-tbl-transmit-5xx>
  <alg-sip-counters-tbl-retransmit-5xx>
    alg-sip-counters-tbl-retransmit-5xx
  </alg-sip-counters-tbl-retransmit-5xx>
  <alg-sip-counters-tbl-transmit-6xx>
    alg-sip-counters-tbl-transmit-6xx
  </alg-sip-counters-tbl-transmit-6xx>
  <alg-sip-counters-tbl-retransmit-6xx>
    alg-sip-counters-tbl-retransmit-6xx
  </alg-sip-counters-tbl-retransmit-6xx>
</alg-sip-counters-data>
</alg-sip-counter-information>

```

Description

<alg-sip-rate>

Usage

<alg-sip-rate>

```
<alg-sip-rate-cpu-tick>
  alg-sip-rate-cpu-tick
</alg-sip-rate-cpu-tick>
<alg-sip-rate-last-msg-time>
  alg-sip-rate-last-msg-time
</alg-sip-rate-last-msg-time>
<alg-sip-rate-num_message>
  alg-sip-rate-num_message
</alg-sip-rate-num_message>
<alg-sip-rate-msg-time-taken>
  alg-sip-rate-msg-time-taken
</alg-sip-rate-msg-time-taken>
<alg-sip-rate-msg-rate>
  alg-sip-rate-msg-rate
</alg-sip-rate-msg-rate>
</alg-sip-rate>
```

Description

<alg-status>

Usage

```
<alg-status>
  <alg-dns-status>
    alg-dns-status
  </alg-dns-status>
  <alg-ftp-status>
    alg-ftp-status
  </alg-ftp-status>
  <alg-h323-status>
    alg-h323-status
  </alg-h323-status>
  <alg-mgcp-status>
    alg-mgcp-status
  </alg-mgcp-status>
  <alg-msrpc-status>
    alg-msrpc-status
  </alg-msrpc-status>
  <alg-pptp-status>
    alg-pptp-status
  </alg-pptp-status>
  <alg-rsh-status>
    alg-rsh-status
  </alg-rsh-status>
  <alg-rtsp-status>
    alg-rtsp-status
  </alg-rtsp-status>
  <alg-sccp-status>
    alg-sccp-status
  </alg-sccp-status>
  <alg-sip-status>
    alg-sip-status
  </alg-sip-status>
  <alg-sql-status>
    alg-sql-status
```

```

</alg-sql-status>
<alg-sunrpc-status>
  alg-sunrpc-status
</alg-sunrpc-status>
<alg-talk-status>
  alg-talk-status
</alg-talk-status>
<alg-tftp-status>
  alg-tftp-status
</alg-tftp-status>
<alg-ike-esp-nat-status>
  alg-ike-esp-nat-status
</alg-ike-esp-nat-status>
</alg-status>

```

Description

<alg-sunrpc-map>

Usage

```

<alg-sunrpc-map>
  <alg-sunrpc-map-data>....</alg-sunrpc-map-data>
</alg-sunrpc-map>

```

Description

<alg-sunrpc-map-data>

Usage

```

<alg-sunrpc-map>
  <alg-sunrpc-map-data>
    <alg-sunrpc-map-data-ip>
      alg-sunrpc-map-data-ip
    </alg-sunrpc-map-data-ip>
    <alg-sunrpc-map-data-port>
      alg-sunrpc-map-data-port
    </alg-sunrpc-map-data-port>
    <alg-sunrpc-map-data-protocol>
      alg-sunrpc-map-data-protocol
    </alg-sunrpc-map-data-protocol>
    <alg-sunrpc-map-data-program>
      alg-sunrpc-map-data-program
    </alg-sunrpc-map-data-program>
  </alg-sunrpc-map-data>
</alg-sunrpc-map>

```

Description

<ike-esp-cookies>

Usage

```

<alg-ike-esp-show>
  <ike-esp-cookies>
    <ike-esp-icookie>

```

```
    ike-esp-icookie
  </ike-esp-icookie>
  <ike-esp-rcookie>
    ike-esp-rcookie
  </ike-esp-rcookie>
  <ike-esp-session>
    ike-esp-session
  </ike-esp-session>
  <ike-esp-state>
    ike-esp-state
  </ike-esp-state>
  <ike-esp-age>
    ike-esp-age
  </ike-esp-age>
</ike-esp-cookies>
</alg-ike-esp-show>
```

Description

Summary of AVT Response Tags ---

<avt-counter-statistics>

Usage

```
<avt-counters>
  <avt-counter-statistics>
    <name>
      name
    </name>
    <value>
      value
    </value>
  </avt-counter-statistics>
</avt-counters>
```

Description

<avt-counters>

Usage

```
<avt-counters>
  <avt-counter-statistics>....</avt-counter-statistics>
</avt-counters>
```

Description

Summary of DHCP Response Tags ---

<dlsw-capabilities>

Usage

```
<dlsw-capabilities>
```



```

<peer-address>
  peer-address
</peer-address>
<vendor-id>
  vendor-id
</vendor-id>
<version-number>
  version-number
</version-number>
<initial-pacing-window-size>
  initial-pacing-window-size
</initial-pacing-window-size>
<version-string>
  version-string
</version-string>
<dlsw-capability-strings>....</dlsw-capability-strings>
<version-string-multi>....</version-string-multi>
</dlsw-capabilities>

```

Description

<dlsw-capabilities>

Usage

```

<dlsw-capabilities-list>
<dlsw-capabilities>
  <peer-address>
    peer-address
  </peer-address>
  <vendor-id>
    vendor-id
  </vendor-id>
  <version-number>
    version-number
  </version-number>
  <initial-pacing-window-size>
    initial-pacing-window-size
  </initial-pacing-window-size>
  <version-string>
    version-string
  </version-string>
  <dlsw-capability-strings>....</dlsw-capability-strings>
  <version-string-multi>....</version-string-multi>
</dlsw-capabilities>
</dlsw-capabilities-list>

```

Description

<dlsw-capabilities-list>

Usage

```

<dlsw-capabilities-list>
  <dlsw-capabilities>....</dlsw-capabilities>

```

</dlsw-capabilities-list>

Description

<dlsw-capability-strings>

Usage

```
<dlsw-capabilities>
  <dlsw-capability-strings>
</dlsw-capability-strings>
</dlsw-capabilities>
```

Description

<dlsw-capability-strings>

Usage

```
<dlsw-capabilities-list>
  <dlsw-capabilities>
    <dlsw-capability-strings>
  </dlsw-capability-strings>
</dlsw-capabilities>
</dlsw-capabilities-list>
```

Description

<dlsw-circuit>

Usage

```
<dlsw-circuit>
  <local-address>
    local-address
  </local-address>
  <lsap>
    lsap
  </lsap>
  <remote-address>
    remote-address
  </remote-address>
  <dsap>
    dsap
  </dsap>
  <circuit-state>
    circuit-state
  </circuit-state>
  <peer-address>
    peer-address
  </peer-address>
  <circuit-id>
    circuit-id
  </circuit-id>
  <circuit-uptime>
    circuit-uptime
  </circuit-uptime>
```

```

<current-state-time>
  current-state-time
</current-state-time>
<max-btu-size>
  max-btu-size
</max-btu-size>
<circuit-priority>
  circuit-priority
</circuit-priority>
<dlsw-circuit-statistics>....</dlsw-circuit-statistics>
</dlsw-circuit>

```

Description

<dlsw-circuit>

Usage

```

<dlsw-circuit-list>
<dlsw-circuit>
  <local-address>
    local-address
  </local-address>
  <lsap>
    lsap
  </lsap>
  <remote-address>
    remote-address
  </remote-address>
  <dsap>
    dsap
  </dsap>
  <circuit-state>
    circuit-state
  </circuit-state>
  <peer-address>
    peer-address
  </peer-address>
  <circuit-id>
    circuit-id
  </circuit-id>
  <circuit-uptime>
    circuit-uptime
  </circuit-uptime>
  <current-state-time>
    current-state-time
  </current-state-time>
  <max-btu-size>
    max-btu-size
  </max-btu-size>
  <circuit-priority>
    circuit-priority
  </circuit-priority>
  <dlsw-circuit-statistics>....</dlsw-circuit-statistics>
</dlsw-circuit>

```

</dlsw-circuit-list>

Description

<dlsw-circuit-list>

Usage

```
<dlsw-circuit-list>
  <dlsw-circuit>.....</dlsw-circuit>
</dlsw-circuit-list>
```

Description

<dlsw-circuit-statistics>

Usage

```
<dlsw-circuit-statistics>
  <iframes-received>
    iframes-received
  </iframes-received>
  <iframes-sent>
    iframes-sent
  </iframes-sent>
  <ibytes-received>
    ibytes-received
  </ibytes-received>
  <ibytes-sent>
    ibytes-sent
  </ibytes-sent>
  <iframes-rejected>
    iframes-rejected
  </iframes-rejected>
  <ibytes-rejected>
    ibytes-rejected
  </ibytes-rejected>
  <iframes-retransmitted>
    iframes-retransmitted
  </iframes-retransmitted>
  <ibytes-retransmitted>
    ibytes-retransmitted
  </ibytes-retransmitted>
  <reject-sent>
    reject-sent
  </reject-sent>
  <reject-received>
    reject-received
  </reject-received>
  <xid-sent>
    xid-sent
  </xid-sent>
  <xid-received>
    xid-received
  </xid-received>
```

</dlsw-circuit-statistics>

Description DLSw circuit statistics

<dlsw-circuit-statistics>

Usage

```
<dlsw-circuit>
<dlsw-circuit-statistics>
  <iframes-received>
    iframes-received
  </iframes-received>
  <iframes-sent>
    iframes-sent
  </iframes-sent>
  <ibytes-received>
    ibytes-received
  </ibytes-received>
  <ibytes-sent>
    ibytes-sent
  </ibytes-sent>
  <iframes-rejected>
    iframes-rejected
  </iframes-rejected>
  <ibytes-rejected>
    ibytes-rejected
  </ibytes-rejected>
  <iframes-retransmitted>
    iframes-retransmitted
  </iframes-retransmitted>
  <ibytes-retransmitted>
    ibytes-retransmitted
  </ibytes-retransmitted>
  <reject-sent>
    reject-sent
  </reject-sent>
  <reject-received>
    reject-received
  </reject-received>
  <xid-sent>
    xid-sent
  </xid-sent>
  <xid-received>
    xid-received
  </xid-received>
</dlsw-circuit-statistics>
</dlsw-circuit>
```

Description DLSw circuit statistics

<dlsw-circuit-statistics>

Usage

```
<dlsw-circuit-list>
<dlsw-circuit>
  <dlsw-circuit-statistics>
    <iframes-received>
      iframes-received
    </iframes-received>
    <iframes-sent>
      iframes-sent
    </iframes-sent>
    <ibytes-received>
      ibytes-received
    </ibytes-received>
    <ibytes-sent>
      ibytes-sent
    </ibytes-sent>
    <iframes-rejected>
      iframes-rejected
    </iframes-rejected>
    <ibytes-rejected>
      ibytes-rejected
    </ibytes-rejected>
    <iframes-retransmitted>
      iframes-retransmitted
    </iframes-retransmitted>
    <ibytes-retransmitted>
      ibytes-retransmitted
    </ibytes-retransmitted>
    <reject-sent>
      reject-sent
    </reject-sent>
    <reject-received>
      reject-received
    </reject-received>
    <xid-sent>
      xid-sent
    </xid-sent>
    <xid-received>
      xid-received
    </xid-received>
  </dlsw-circuit-statistics>
</dlsw-circuit>
</dlsw-circuit-list>
```

Description DLSw circuit statistics

<dlsw-peer>

Usage

```
<dlsw-peer>
<peer-address>
  peer-address
```

```

</peer-address>
<peer-state>
  peer-state
</peer-state>
<peer-circuits>
  peer-circuits
</peer-circuits>
<local-address>
  local-address
</local-address>
<peer-uptime>
  peer-uptime
</peer-uptime>
<initial-receive-pacing>
  initial-receive-pacing
</initial-receive-pacing>
<connection-idle-timeout>
  connection-idle-timeout
</connection-idle-timeout>
<dlsw-peer-statistics>....</dlsw-peer-statistics>
<tos-value>
  tos-value
</tos-value>
<destination-sna-interface>
  destination-sna-interface
</destination-sna-interface>
<peer-cost>
  peer-cost
</peer-cost>
<peer-circuit-weight>
  peer-circuit-weight
</peer-circuit-weight>
<load-balance>
  load-balance
</load-balance>
</dlsw-peer>

```

Description

<dlsw-peer>

Usage

```

<dlsw-peer-list>
<dlsw-peer>
  <peer-address>
    peer-address
  </peer-address>
  <peer-state>
    peer-state
  </peer-state>
  <peer-circuits>
    peer-circuits
  </peer-circuits>
  <local-address>
    local-address

```

```
</local-address>
<peer-uptime>
  peer-uptime
</peer-uptime>
<initial-receive-pacing>
  initial-receive-pacing
</initial-receive-pacing>
<connection-idle-timeout>
  connection-idle-timeout
</connection-idle-timeout>
<dlsw-peer-statistics>....</dlsw-peer-statistics>
<tos-value>
  tos-value
</tos-value>
<destination-sna-interface>
  destination-sna-interface
</destination-sna-interface>
<peer-cost>
  peer-cost
</peer-cost>
<peer-circuit-weight>
  peer-circuit-weight
</peer-circuit-weight>
<load-balance>
  load-balance
</load-balance>
</dlsw-peer>
</dlsw-peer-list>
```

Description

<dlsw-peer-list>

Usage

```
<dlsw-peer-list>
<dlsw-peer>....</dlsw-peer>
</dlsw-peer-list>
```

Description

<dlsw-peer-statistics>

Usage

```
<dlsw-peer-statistics>
<packets-received>
  packets-received
</packets-received>
<packets-sent>
  packets-sent
</packets-sent>
<bytes-received>
  bytes-received
</bytes-received>
<bytes-sent>
```



```

    bytes-sent
  </bytes-sent>
  <control-packets-received>
    control-packets-received
  </control-packets-received>
  <control-packets-sent>
    control-packets-sent
  </control-packets-sent>
  <canureach-ex-received>
    canureach-ex-received
  </canureach-ex-received>
  <canureach-ex-sent>
    canureach-ex-sent
  </canureach-ex-sent>
  <icanreach-ex-received>
    icanreach-ex-received
  </icanreach-ex-received>
  <icanreach-ex-sent>
    icanreach-ex-sent
  </icanreach-ex-sent>
</dlsw-peer-statistics>

```

Description DLSw Peer Statistics

<dlsw-peer-statistics>

Usage

```

<dlsw-peer>
  <dlsw-peer-statistics>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent>
      packets-sent
    </packets-sent>
    <bytes-received>
      bytes-received
    </bytes-received>
    <bytes-sent>
      bytes-sent
    </bytes-sent>
    <control-packets-received>
      control-packets-received
    </control-packets-received>
    <control-packets-sent>
      control-packets-sent
    </control-packets-sent>
    <canureach-ex-received>
      canureach-ex-received
    </canureach-ex-received>
    <canureach-ex-sent>
      canureach-ex-sent
    </canureach-ex-sent>
    <icanreach-ex-received>

```

```
icanreach-ex-received
</icanreach-ex-received>
<icanreach-ex-sent>
icanreach-ex-sent
</icanreach-ex-sent>
</dlsw-peer-statistics>
</dlsw-peer>
```

Description DLSw Peer Statistics

<dlsw-peer-statistics>

Usage

```
<dlsw-peer-list>
<dlsw-peer>
  <dlsw-peer-statistics>
    <packets-received>
      packets-received
    </packets-received>
    <packets-sent>
      packets-sent
    </packets-sent>
    <bytes-received>
      bytes-received
    </bytes-received>
    <bytes-sent>
      bytes-sent
    </bytes-sent>
    <control-packets-received>
      control-packets-received
    </control-packets-received>
    <control-packets-sent>
      control-packets-sent
    </control-packets-sent>
    <canureach-ex-received>
      canureach-ex-received
    </canureach-ex-received>
    <canureach-ex-sent>
      canureach-ex-sent
    </canureach-ex-sent>
    <icanreach-ex-received>
      icanreach-ex-received
    </icanreach-ex-received>
    <icanreach-ex-sent>
      icanreach-ex-sent
    </icanreach-ex-sent>
  </dlsw-peer-statistics>
</dlsw-peer>
</dlsw-peer-list>
```

Description DLSw Peer Statistics

<dlsw-reachability>**Usage**

```

<dlsw-reachability>
  <mac-index>
    mac-index
  </mac-index>
  <mac-address>
    mac-address
  </mac-address>
  <mac-location>
    mac-location
  </mac-location>
  <remote-dlsw-address>
    remote-dlsw-address
  </remote-dlsw-address>
  <dlsw-peer-interface>
    dlsw-peer-interface
  </dlsw-peer-interface>
</dlsw-reachability>

```

Description**<dlsw-reachability>****Usage**

```

<dlsw-reachability-list>
  <dlsw-reachability>
    <mac-index>
      mac-index
    </mac-index>
    <mac-address>
      mac-address
    </mac-address>
    <mac-location>
      mac-location
    </mac-location>
    <remote-dlsw-address>
      remote-dlsw-address
    </remote-dlsw-address>
    <dlsw-peer-interface>
      dlsw-peer-interface
    </dlsw-peer-interface>
  </dlsw-reachability>
</dlsw-reachability-list>

```

Description**<dlsw-reachability-list>****Usage**

```

<dlsw-reachability-list>
  <dlsw-reachability>....</dlsw-reachability>

```

</dlsw-reachability-list>

Description

<dlsw-version>

Usage

```
<dlsw-version>
</dlsw-version>
```

Description

<llc2>

Usage

```
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
```

```
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
```

Description

<llc2>

Usage

```
<llc2-redundancy-track-interface>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
```

```

    local-mac
  </local-mac>
  <remote-mac>
    remote-mac
  </remote-mac>
  <ifl-index>
    ifl-index
  </ifl-index>
  <advertise-interval>
    advertise-interval
  </advertise-interval>
  <advertise-timer>
    advertise-timer
  </advertise-timer>
  <preempt>
    preempt
  </preempt>
  <master-router-uptime>
    master-router-uptime
  </master-router-uptime>
  <tracking>
    tracking
  </tracking>
  <interface-ads-sent>
    interface-ads-sent
  </interface-ads-sent>
  <interface-ads-received>
    interface-ads-received
  </interface-ads-received>
  <interface-bad-ttl-value-received>
    interface-bad-ttl-value-received
  </interface-bad-ttl-value-received>
  <interface-bad-version-received>
    interface-bad-version-received
  </interface-bad-version-received>
  <interface-bad-pdu-type-received>
    interface-bad-pdu-type-received
  </interface-bad-pdu-type-received>
  <interface-bad-checksum-received>
    interface-bad-checksum-received
  </interface-bad-checksum-received>
</llc2>
</llc2-redundancy-track-interface>

```

Description**<llc2>****Usage**

```

<llc2-redundancy-track-interface-list>
  <llc2-redundancy-track-interface>
    <llc2>
      <interface>
        interface
      </interface>

```

```
<track-peer>
  track-peer
</track-peer>
<track-destination>
  track-destination
</track-destination>
<track-interface>
  track-interface
</track-interface>
<unit>
  unit
</unit>
<group>
  group
</group>
<interface-state>
  interface-state
</interface-state>
<state>
  state
</state>
<track-interface-state>
  track-interface-state
</track-interface-state>
<track-interface-cost>
  track-interface-cost
</track-interface-cost>
<track-peer-state>
  track-peer-state
</track-peer-state>
<track-peer-cost>
  track-peer-cost
</track-peer-cost>
<track-destination-state>
  track-destination-state
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
```



```

</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy-track-interface>
</llc2-redundancy-track-interface-list>

```

Description

<llc2>

Usage

```

<llc2-redundancy-track-dlsw-peer>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
</unit>

```

```
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
    local-mac
  </local-mac>
  <remote-mac>
    remote-mac
  </remote-mac>
  <ifl-index>
    ifl-index
  </ifl-index>
  <advertise-interval>
    advertise-interval
  </advertise-interval>
  <advertise-timer>
    advertise-timer
  </advertise-timer>
  <preempt>
    preempt
  </preempt>
  <master-router-uptime>
    master-router-uptime
  </master-router-uptime>
```

```

<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy-track-dlsw-peer>

```

Description

<llc2>

Usage

```

<llc2-redundancy-track-dlsw-peer-list>
<llc2-redundancy-track-dlsw-peer>
  <llc2>
    <interface>
      interface
    </interface>
    <track-peer>
      track-peer
    </track-peer>
    <track-destination>
      track-destination
    </track-destination>
    <track-interface>
      track-interface
    </track-interface>
    <unit>
      unit
    </unit>
    <group>
      group
    </group>
    <interface-state>
      interface-state
    </interface-state>
    <state>
      state

```

```
</state>
<track-interface-state>
  track-interface-state
</track-interface-state>
<track-interface-cost>
  track-interface-cost
</track-interface-cost>
<track-peer-state>
  track-peer-state
</track-peer-state>
<track-peer-cost>
  track-peer-cost
</track-peer-cost>
<track-destination-state>
  track-destination-state
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
```

```

        interface-bad-ttl-value-received
      </interface-bad-ttl-value-received>
      <interface-bad-version-received>
        interface-bad-version-received
      </interface-bad-version-received>
      <interface-bad-pdu-type-received>
        interface-bad-pdu-type-received
      </interface-bad-pdu-type-received>
      <interface-bad-checksum-received>
        interface-bad-checksum-received
      </interface-bad-checksum-received>
    </llc2>
  </llc2-redundancy-track-dlsw-peer>
</llc2-redundancy-track-dlsw-peer-list>

```

Description

<llc2>

Usage

```

<llc2-redundancy-track-dlsw-destination>
  <llc2>
    <interface>
      interface
    </interface>
    <track-peer>
      track-peer
    </track-peer>
    <track-destination>
      track-destination
    </track-destination>
    <track-interface>
      track-interface
    </track-interface>
    <unit>
      unit
    </unit>
    <group>
      group
    </group>
    <interface-state>
      interface-state
    </interface-state>
    <state>
      state
    </state>
    <track-interface-state>
      track-interface-state
    </track-interface-state>
    <track-interface-cost>
      track-interface-cost
    </track-interface-cost>
    <track-peer-state>
      track-peer-state
    </track-peer-state>
  </llc2>
</llc2-redundancy-track-dlsw-destination>

```

```
<track-peer-cost>
  track-peer-cost
</track-peer-cost>
<track-destination-state>
  track-destination-state
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
```

```

    </interface-bad-checksum-received>
  </llc2>
</llc2-redundancy-track-dlsw-destination>

```

Description

<llc2>

Usage

```

<llc2-redundancy-track-dlsw-destination-list>
  <llc2-redundancy-track-dlsw-destination>
    <llc2>
      <interface>
        interface
      </interface>
      <track-peer>
        track-peer
      </track-peer>
      <track-destination>
        track-destination
      </track-destination>
      <track-interface>
        track-interface
      </track-interface>
      <unit>
        unit
      </unit>
      <group>
        group
      </group>
      <interface-state>
        interface-state
      </interface-state>
      <state>
        state
      </state>
      <track-interface-state>
        track-interface-state
      </track-interface-state>
      <track-interface-cost>
        track-interface-cost
      </track-interface-cost>
      <track-peer-state>
        track-peer-state
      </track-peer-state>
      <track-peer-cost>
        track-peer-cost
      </track-peer-cost>
      <track-destination-state>
        track-destination-state
      </track-destination-state>
      <track-destination-cost>
        track-destination-cost
      </track-destination-cost>
      <group-configured-priority>

```

```
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
    local-mac
  </local-mac>
  <remote-mac>
    remote-mac
  </remote-mac>
  <ifl-index>
    ifl-index
  </ifl-index>
  <advertise-interval>
    advertise-interval
  </advertise-interval>
  <advertise-timer>
    advertise-timer
  </advertise-timer>
  <preempt>
    preempt
  </preempt>
  <master-router-uptime>
    master-router-uptime
  </master-router-uptime>
  <tracking>
    tracking
  </tracking>
  <interface-ads-sent>
    interface-ads-sent
  </interface-ads-sent>
  <interface-ads-received>
    interface-ads-received
  </interface-ads-received>
  <interface-bad-ttl-value-received>
    interface-bad-ttl-value-received
  </interface-bad-ttl-value-received>
  <interface-bad-version-received>
    interface-bad-version-received
  </interface-bad-version-received>
  <interface-bad-pdu-type-received>
    interface-bad-pdu-type-received
  </interface-bad-pdu-type-received>
  <interface-bad-checksum-received>
    interface-bad-checksum-received
  </interface-bad-checksum-received>
</llc2>
</llc2-redundancy-track-dlsw-destination>
</llc2-redundancy-track-dlsw-destination-list>
```

Description

<llc2>

Usage

```

<llc2-redundancy-mac-translation>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
    local-mac

```

```
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy-mac-translation>
```

Description

<llc2>

Usage

```
<llc2-redundancy-mac-translation-list>
<llc2-redundancy-mac-translation>
  <llc2>
    <interface>
      interface
    </interface>
    <track-peer>
```

```
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
    local-mac
  </local-mac>
  <remote-mac>
    remote-mac
  </remote-mac>
  <ifl-index>
    ifl-index
  </ifl-index>
  <advertise-interval>
    advertise-interval
  </advertise-interval>
```

```
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy-mac-translation>
</llc2-redundancy-mac-translation-list>
```

Description

<llc2>

Usage

```
<llc2-redundancy>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
```

```
</unit>
<group>
  group
</group>
<interface-state>
  interface-state
</interface-state>
<state>
  state
</state>
<track-interface-state>
  track-interface-state
</track-interface-state>
<track-interface-cost>
  track-interface-cost
</track-interface-cost>
<track-peer-state>
  track-peer-state
</track-peer-state>
<track-peer-cost>
  track-peer-cost
</track-peer-cost>
<track-destination-state>
  track-destination-state
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
```

```
    tracking
  </tracking>
  <interface-ads-sent>
    interface-ads-sent
  </interface-ads-sent>
  <interface-ads-received>
    interface-ads-received
  </interface-ads-received>
  <interface-bad-ttl-value-received>
    interface-bad-ttl-value-received
  </interface-bad-ttl-value-received>
  <interface-bad-version-received>
    interface-bad-version-received
  </interface-bad-version-received>
  <interface-bad-pdu-type-received>
    interface-bad-pdu-type-received
  </interface-bad-pdu-type-received>
  <interface-bad-checksum-received>
    interface-bad-checksum-received
  </interface-bad-checksum-received>
</llc2>
</llc2-redundancy>
```

Description

<llc2>

Usage

```
<llc2-redundancy-list>
<llc2-redundancy>
  <llc2>
    <interface>
      interface
    </interface>
    <track-peer>
      track-peer
    </track-peer>
    <track-destination>
      track-destination
    </track-destination>
    <track-interface>
      track-interface
    </track-interface>
    <unit>
      unit
    </unit>
    <group>
      group
    </group>
    <interface-state>
      interface-state
    </interface-state>
    <state>
      state
    </state>
```

```
<track-interface-state>
  track-interface-state
</track-interface-state>
<track-interface-cost>
  track-interface-cost
</track-interface-cost>
<track-peer-state>
  track-peer-state
</track-peer-state>
<track-peer-cost>
  track-peer-cost
</track-peer-cost>
<track-destination-state>
  track-destination-state
</track-destination-state>
<track-destination-cost>
  track-destination-cost
</track-destination-cost>
<group-configured-priority>
  group-configured-priority
</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
```

```
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy>
</llc2-redundancy-list>
```

Description

<llc2>

Usage

```
<llc2-redundancy-interface-statistics>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
```



```
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
  </group-configured-priority>
  <group-run-priority>
    group-run-priority
  </group-run-priority>
  <local-mac>
    local-mac
  </local-mac>
  <remote-mac>
    remote-mac
  </remote-mac>
  <ifl-index>
    ifl-index
  </ifl-index>
  <advertise-interval>
    advertise-interval
  </advertise-interval>
  <advertise-timer>
    advertise-timer
  </advertise-timer>
  <preempt>
    preempt
  </preempt>
  <master-router-uptime>
    master-router-uptime
  </master-router-uptime>
  <tracking>
    tracking
  </tracking>
  <interface-ads-sent>
    interface-ads-sent
  </interface-ads-sent>
  <interface-ads-received>
    interface-ads-received
  </interface-ads-received>
  <interface-bad-ttl-value-received>
    interface-bad-ttl-value-received
  </interface-bad-ttl-value-received>
  <interface-bad-version-received>
    interface-bad-version-received
  </interface-bad-version-received>
  <interface-bad-pdu-type-received>
    interface-bad-pdu-type-received
  </interface-bad-pdu-type-received>
  <interface-bad-checksum-received>
    interface-bad-checksum-received
  </interface-bad-checksum-received>
```

```
</llc2>
</llc2-redundancy-interface-statistics>
```

Description

<llc2>

Usage

```
<llc2-redundancy-interface-statistics-list>
<llc2-redundancy-interface-statistics>
<llc2>
  <interface>
    interface
  </interface>
  <track-peer>
    track-peer
  </track-peer>
  <track-destination>
    track-destination
  </track-destination>
  <track-interface>
    track-interface
  </track-interface>
  <unit>
    unit
  </unit>
  <group>
    group
  </group>
  <interface-state>
    interface-state
  </interface-state>
  <state>
    state
  </state>
  <track-interface-state>
    track-interface-state
  </track-interface-state>
  <track-interface-cost>
    track-interface-cost
  </track-interface-cost>
  <track-peer-state>
    track-peer-state
  </track-peer-state>
  <track-peer-cost>
    track-peer-cost
  </track-peer-cost>
  <track-destination-state>
    track-destination-state
  </track-destination-state>
  <track-destination-cost>
    track-destination-cost
  </track-destination-cost>
  <group-configured-priority>
    group-configured-priority
```

```

</group-configured-priority>
<group-run-priority>
  group-run-priority
</group-run-priority>
<local-mac>
  local-mac
</local-mac>
<remote-mac>
  remote-mac
</remote-mac>
<ifl-index>
  ifl-index
</ifl-index>
<advertise-interval>
  advertise-interval
</advertise-interval>
<advertise-timer>
  advertise-timer
</advertise-timer>
<preempt>
  preempt
</preempt>
<master-router-uptime>
  master-router-uptime
</master-router-uptime>
<tracking>
  tracking
</tracking>
<interface-ads-sent>
  interface-ads-sent
</interface-ads-sent>
<interface-ads-received>
  interface-ads-received
</interface-ads-received>
<interface-bad-ttl-value-received>
  interface-bad-ttl-value-received
</interface-bad-ttl-value-received>
<interface-bad-version-received>
  interface-bad-version-received
</interface-bad-version-received>
<interface-bad-pdu-type-received>
  interface-bad-pdu-type-received
</interface-bad-pdu-type-received>
<interface-bad-checksum-received>
  interface-bad-checksum-received
</interface-bad-checksum-received>
</llc2>
</llc2-redundancy-interface-statistics>
</llc2-redundancy-interface-statistics-list>

```

Description

<llc2-redundancy>

Usage

```
<llc2-redundancy>  
<llc2>....</llc2>  
</llc2-redundancy>
```

Description

<llc2-redundancy>

Usage

```
<llc2-redundancy-list>  
<llc2-redundancy>  
<llc2>....</llc2>  
</llc2-redundancy>  
</llc2-redundancy-list>
```

Description

<llc2-redundancy-interface-statistics>

Usage

```
<llc2-redundancy-interface-statistics>  
<llc2>....</llc2>  
</llc2-redundancy-interface-statistics>
```

Description

<llc2-redundancy-interface-statistics>

Usage

```
<llc2-redundancy-interface-statistics-list>  
<llc2-redundancy-interface-statistics>  
<llc2>....</llc2>  
</llc2-redundancy-interface-statistics>  
</llc2-redundancy-interface-statistics-list>
```

Description

<llc2-redundancy-interface-statistics-list>

Usage

```
<llc2-redundancy-interface-statistics-list>  
<llc2-redundancy-interface-statistics>....</llc2-redundancy-interface-statistics>  
  
</llc2-redundancy-interface-statistics-list>
```

Description

<llc2-redundancy-list>

Usage

```
<llc2-redundancy-list>  
  <llc2-redundancy>....</llc2-redundancy>  
</llc2-redundancy-list>
```

Description

<llc2-redundancy-mac-translation>

Usage

```
<llc2-redundancy-mac-translation>  
  <llc2>....</llc2>  
</llc2-redundancy-mac-translation>
```

Description

<llc2-redundancy-mac-translation>

Usage

```
<llc2-redundancy-mac-translation-list>  
  <llc2-redundancy-mac-translation>  
    <llc2>....</llc2>  
  </llc2-redundancy-mac-translation>  
</llc2-redundancy-mac-translation-list>
```

Description

<llc2-redundancy-mac-translation-list>

Usage

```
<llc2-redundancy-mac-translation-list>  
  <llc2-redundancy-mac-translation>....</llc2-redundancy-mac-translation>  
</llc2-redundancy-mac-translation-list>
```

Description

<llc2-redundancy-track-dlsw-destination>

Usage

```
<llc2-redundancy-track-dlsw-destination>  
  <llc2>....</llc2>  
</llc2-redundancy-track-dlsw-destination>
```

Description

<llc2-redundancy-track-dlsw-destination>

Usage

```
<llc2-redundancy-track-dlsw-destination-list>  
  <llc2-redundancy-track-dlsw-destination>
```

```
<llc2>....</llc2>
</llc2-redundancy-track-dlsw-destination>
</llc2-redundancy-track-dlsw-destination-list>
```

Description

<llc2-redundancy-track-dlsw-destination-list>

Usage

```
<llc2-redundancy-track-dlsw-destination-list>
<llc2-redundancy-track-dlsw-destination>....</llc2-redundancy-track-dlsw-destination>
</llc2-redundancy-track-dlsw-destination-list>
```

Description

<llc2-redundancy-track-dlsw-peer>

Usage

```
<llc2-redundancy-track-dlsw-peer>
<llc2>....</llc2>
</llc2-redundancy-track-dlsw-peer>
```

Description

<llc2-redundancy-track-dlsw-peer>

Usage

```
<llc2-redundancy-track-dlsw-peer-list>
<llc2-redundancy-track-dlsw-peer>
<llc2>....</llc2>
</llc2-redundancy-track-dlsw-peer>
</llc2-redundancy-track-dlsw-peer-list>
```

Description

<llc2-redundancy-track-dlsw-peer-list>

Usage

```
<llc2-redundancy-track-dlsw-peer-list>
<llc2-redundancy-track-dlsw-peer>....</llc2-redundancy-track-dlsw-peer>
</llc2-redundancy-track-dlsw-peer-list>
```

Description

<llc2-redundancy-track-interface>

Usage

```
<llc2-redundancy-track-interface>
<llc2>....</llc2>
```

</llc2-redundancy-track-interface>

Description

<llc2-redundancy-track-interface>

Usage

```
<llc2-redundancy-track-interface-list>
  <llc2-redundancy-track-interface>
    <llc2>....</llc2>
  </llc2-redundancy-track-interface>
</llc2-redundancy-track-interface-list>
```

Description

<llc2-redundancy-track-interface-list>

Usage

```
<llc2-redundancy-track-interface-list>
  <llc2-redundancy-track-interface>....</llc2-redundancy-track-interface>
</llc2-redundancy-track-interface-list>
```

Description

<version-string-multi>

Usage

```
<dlsw-capabilities>
  <version-string-multi>
</version-string-multi>
</dlsw-capabilities>
```

Description

<version-string-multi>

Usage

```
<dlsw-capabilities-list>
  <dlsw-capabilities>
    <version-string-multi>
  </version-string-multi>
</dlsw-capabilities>
</dlsw-capabilities-list>
```

Description

Summary of 802.1X Process Response Tags

<authentication-whitelist-information>

Usage

```
<authentication-whitelist-information>
```

```
<authentication-whitelist-mac>....</authentication-whitelist-mac>

<authentication-whitelist-mac-bypassed-users>....</authentication-whitelist-mac-bypassed-users>

</authentication-whitelist-information>
```

Description

<authentication-whitelist-mac>

Usage

```
<authentication-whitelist-information>
  <authentication-whitelist-mac>
    <authentication-whitelist-mac-address>
      authentication-whitelist-mac-address
    </authentication-whitelist-mac-address>
    <authentication-whitelist-mac-prefix>
      authentication-whitelist-mac-prefix
    </authentication-whitelist-mac-prefix>
    <authentication-whitelist-mac-vlan-assignment>
      authentication-whitelist-mac-vlan-assignment
    </authentication-whitelist-mac-vlan-assignment>
    <authentication-whitelist-mac-interface>
      authentication-whitelist-mac-interface
    </authentication-whitelist-mac-interface>
  </authentication-whitelist-mac>
</authentication-whitelist-information>
```

Description Information about configured white-list MAC addresses

<authentication-whitelist-mac-bypassed-users>

Usage

```
<authentication-whitelist-information>
  <authentication-whitelist-mac-bypassed-users>
    <authentication-whitelist-mac-bypass>
      authentication-whitelist-mac-bypass
    </authentication-whitelist-mac-bypass>
    <authentication-whitelist-mac-bypass-vlan>
      authentication-whitelist-mac-bypass-vlan
    </authentication-whitelist-mac-bypass-vlan>
    <authentication-whitelist-mac-bypass-interface>
      authentication-whitelist-mac-bypass-interface
    </authentication-whitelist-mac-bypass-interface>
  </authentication-whitelist-mac-bypassed-users>
</authentication-whitelist-information>
```

Description List of users who bypassed authentication

<cp-interface>**Usage**

```

<cp-interface-information>
  <cp-interface>
    <cp-interface-name>
      cp-interface-name
    </cp-interface-name>
    <cp-user-name>
      cp-user-name
    </cp-user-name>
    <cp-user-mac-address>
      cp-user-mac-address
    </cp-user-mac-address>
    <cp-state>
      cp-state
    </cp-state>
    <cp-administrative-mode>
      cp-administrative-mode
    </cp-administrative-mode>
    <cp-number-of-retries>
      cp-number-of-retries
    </cp-number-of-retries>
    <cp-quiet-period>
      cp-quiet-period
    </cp-quiet-period>
    <cp-configured-session-lifespan>
      cp-configured-session-lifespan
    </cp-configured-session-lifespan>
    <cp-server-timeout>
      cp-server-timeout
    </cp-server-timeout>
    <cp-number-of-connected-suplicants>
      cp-number-of-connected-suplicants
    </cp-number-of-connected-suplicants>
    <cp-suppliant-list>.....</cp-suppliant-list>
  </cp-interface>
</cp-interface-information>

```

Description**<cp-interface-information>****Usage**

```

<cp-interface-information>
  <cp-interface>.....</cp-interface>
</cp-interface-information>

```

Description**<cp-suppliant>****Usage**

```

<cp-interface-information>

```

```
<cp-interface>
  <cp-supPLICANT-list>
    <cp-supPLICANT>
      <cp-supPLICANT-name>
        cp-supPLICANT-name
      </cp-supPLICANT-name>
      <cp-supPLICANT-mac-address>
        cp-supPLICANT-mac-address
      </cp-supPLICANT-mac-address>
      <cp-supPLICANT-state>
        cp-supPLICANT-state
      </cp-supPLICANT-state>
      <cp-dynamic-filter>
        cp-dynamic-filter
      </cp-dynamic-filter>
      <cp-dynamic-session-lifespan>
        cp-dynamic-session-lifespan
      </cp-dynamic-session-lifespan>
      <cp-session-expiration-time>
        cp-session-expiration-time
      </cp-session-expiration-time>
    </cp-supPLICANT>
  </cp-supPLICANT-list>
</cp-interface>
</cp-interface-information>
```

Description

<cp-supPLICANT-list>

Usage

```
<cp-interface-information>
  <cp-interface>
    <cp-supPLICANT-list>
      <cp-supPLICANT>....</cp-supPLICANT>
    </cp-supPLICANT-list>
  </cp-interface>
</cp-interface-information>
```

Description

<dot1x-authentication-failed-users>

Usage

```
<dot1x-interface-information>
  <dot1x-authentication-failed-users>
    <authentication-failed-interface>
      authentication-failed-interface
    </authentication-failed-interface>
    <authentication-failed-mac-addr>
      authentication-failed-mac-addr
    </authentication-failed-mac-addr>
    <authentication-failed-user>
      authentication-failed-user
```

```

    </authentication-failed-user>
    <authentication-failed-count>
      authentication-failed-count
    </authentication-failed-count>
  </dot1x-authentication-failed-users>
</dot1x-interface-information>

```

Description List of users who failed authentication

<dot1x-firewall-interface>

Usage

```

<dot1x-interface-information>
  <dot1x-firewall-interface>
    <filter-name>
      filter-name
    </filter-name>
    <counter-name>
      counter-name
    </counter-name>
    <policer-name>
      policer-name
    </policer-name>
    <bytes>
      bytes
    </bytes>
    <packets>
      packets
    </packets>
    <packet-count>
      packet-count
    </packet-count>
  </dot1x-firewall-interface>
</dot1x-interface-information>

```

Description

<dot1x-interface-information>

Usage

```

<dot1x-interface-information>
  <interface>....</interface>
  <dot1x-static-mac-address>....</dot1x-static-mac-address>
  <dot1x-authentication-failed-users>....</dot1x-authentication-failed-users>
  <dot1x-interface-statistics>....</dot1x-interface-statistics>
  <dot1x-staticmac-bypassed-users>....</dot1x-staticmac-bypassed-users>
  <dot1x-firewall-interface>....</dot1x-firewall-interface>
</dot1x-interface-information>

```

Description

<dot1x-interface-statistics>

Usage

```
<dot1x-interface-information>
  <dot1x-interface-statistics>
    <eapol-interface-name>
      eapol-interface-name
    </eapol-interface-name>
    <eapol-total-received-frames>
      eapol-total-received-frames
    </eapol-total-received-frames>
    <eapol-start-frames>
      eapol-start-frames
    </eapol-start-frames>
    <eapol-logoff-frames>
      eapol-logoff-frames
    </eapol-logoff-frames>
    <eapol-response-id-frames>
      eapol-response-id-frames
    </eapol-response-id-frames>
    <eapol-response-frames>
      eapol-response-frames
    </eapol-response-frames>
    <eapol-invalid-frames>
      eapol-invalid-frames
    </eapol-invalid-frames>
    <eapol-length-error-frames>
      eapol-length-error-frames
    </eapol-length-error-frames>
    <eapol-lastframe-version>
      eapol-lastframe-version
    </eapol-lastframe-version>
    <eapol-lastframe-macaddress>
      eapol-lastframe-macaddress
    </eapol-lastframe-macaddress>
    <eapol-total-transmitted-packets>
      eapol-total-transmitted-packets
    </eapol-total-transmitted-packets>
    <eapol-request-id-frames>
      eapol-request-id-frames
    </eapol-request-id-frames>
    <eapol-request-frames>
      eapol-request-frames
    </eapol-request-frames>
  </dot1x-interface-statistics>
</dot1x-interface-information>
```

Description Display interface statistics

<dot1x-static-mac-address>

Usage

```
<dot1x-interface-information>
  <dot1x-static-mac-address>
```

```

<static-mac-address>
  static-mac-address
</static-mac-address>
<static-mac-prefix>
  static-mac-prefix
</static-mac-prefix>
<static-mac-vlan-assignment>
  static-mac-vlan-assignment
</static-mac-vlan-assignment>
<static-mac-interface>
  static-mac-interface
</static-mac-interface>
</dot1x-static-mac-address>
</dot1x-interface-information>

```

Description Information about configured static MAC addresses

<dot1x-staticmac-bypassed-users>

Usage

```

<dot1x-interface-information>
  <dot1x-staticmac-bypassed-users>
    <static-mac-bypass>
      static-mac-bypass
    </static-mac-bypass>
    <static-mac-bypass-vlan>
      static-mac-bypass-vlan
    </static-mac-bypass-vlan>
    <static-mac-bypass-interface>
      static-mac-bypass-interface
    </static-mac-bypass-interface>
  </dot1x-staticmac-bypassed-users>
</dot1x-interface-information>

```

Description List of users who bypassed authentication

<interface>

Usage

```

<dot1x-interface-information>
  <interface>
    <interface-name>
      interface-name
    </interface-name>
    <user-name>
      user-name
    </user-name>
    <user-mac-address>
      user-mac-address
    </user-mac-address>
    <role>
      role
    </role>

```

```
<state>
  state
</state>
<administrative-state>
  administrative-state
</administrative-state>
<administrative-mode>
  administrative-mode
</administrative-mode>
<number-of-retries>
  number-of-retries
</number-of-retries>
<quiet-period>
  quiet-period
</quiet-period>
<transmit-period>
  transmit-period
</transmit-period>
<mac-radius>
  mac-radius
</mac-radius>
<mac-radius-strict>
  mac-radius-strict
</mac-radius-strict>
<reauthentication>
  reauthentication
</reauthentication>
<reauthentication-interval>
  reauthentication-interval
</reauthentication-interval>
<supplicant-timeout>
  supplicant-timeout
</supplicant-timeout>
<server-timeout>
  server-timeout
</server-timeout>
<max-eapol-request>
  max-eapol-request
</max-eapol-request>
<frame-control>
  frame-control
</frame-control>
<guest-vlan>
  guest-vlan
</guest-vlan>
<number-of-connected-supPLICANTS>
  number-of-connected-supPLICANTS
</number-of-connected-supPLICANTS>
<supplicant-list>....</supplicant-list>
</interface>
</dot1x-interface-information>
```

Description

<supplicant>**Usage**

```

<dot1x-interface-information>
<interface>
  <supplicant-list>
    <supplicant>
      <supplicant-name>
        supplicant-name
      </supplicant-name>
      <supplicant-mac-address>
        supplicant-mac-address
      </supplicant-mac-address>
      <supplicant-state>
        supplicant-state
      </supplicant-state>
      <backend-administrative-state>
        backend-administrative-state
      </backend-administrative-state>
      <authentication-method>
        authentication-method
      </authentication-method>
      <vlan>
        vlan
      </vlan>
      <dynamic-filter>
        dynamic-filter
      </dynamic-filter>
      <session-reauthentication-interval>
        session-reauthentication-interval
      </session-reauthentication-interval>
      <reauthentication-due>
        reauthentication-due
      </reauthentication-due>
    </supplicant>
  </supplicant-list>
</interface>
</dot1x-interface-information>

```

Description**<supplicant-list>****Usage**

```

<dot1x-interface-information>
<interface>
  <supplicant-list>
    <supplicant>....</supplicant>
  </supplicant-list>
</interface>
</dot1x-interface-information>

```

Description

<task>

Usage

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description

<task-block>

Usage

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>
```

Description

<task-block>**Usage**

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
        </tb-max-alloc-blocks>
        <tb-max-alloc-bytes>
          tb-max-alloc-bytes
        </tb-max-alloc-bytes>
      </task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description**<task-block-list>****Usage**

```

<task-block-list>
  <task-block> ....</task-block>
</task-block-list>

```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
```

```

<tlp-max-alloc-pages>
  tlp-max-alloc-pages
</tlp-max-alloc-pages>
<tlp-max-alloc-bytes>
  tlp-max-alloc-bytes
</tlp-max-alloc-bytes>
</task-lite-page>
</task-lite-page-list>
</task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page-list>

Usage

```

<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page-list>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-malloc>

Usage

```

<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes

```

```

        </tm-max-alloc-bytes>
        <tm-function-calls>
            tm-function-calls
        </tm-function-calls>
    </task-malloc>
</task-malloc-list>

```

Description

<task-malloc>

Usage

```

<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>
      <task-malloc>
        <tm-name>
            tm-name
        </tm-name>
        <tm-allocs>
            tm-allocs
        </tm-allocs>
        <tm-alloc-bytes>
            tm-alloc-bytes
        </tm-alloc-bytes>
        <tm-max-allocs>
            tm-max-allocs
        </tm-max-allocs>
        <tm-max-alloc-bytes>
            tm-max-alloc-bytes
        </tm-max-alloc-bytes>
        <tm-function-calls>
            tm-function-calls
        </tm-function-calls>
      </task-malloc>
    </task-malloc-list>
  </task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-malloc-list>

Usage

```

<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>

```

Description

<task-malloc-list>

Usage

```

<task-memory-information>

```

```

<task-memory-malloc-usage-report>
  <task-malloc-list>
    <task-malloc>....</task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```

<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs

```

```
</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>
```

Description

<task-memory-malloc-usage-report>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-overall-report>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
```

```

<task-size-block-list>....</task-size-block-list>
<task-memory-stats-list>....</task-memory-stats-list>
<task-memory-total-bytes>
  task-memory-total-bytes
</task-memory-total-bytes>
<task-memory-total-max-bytes>
  task-memory-total-max-bytes
</task-memory-total-max-bytes>
<task-memory-total-free-bytes>
  task-memory-total-free-bytes
</task-memory-total-free-bytes>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>

```

Description

<task-memory-stats>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name

```

```
</tms-name>
<tms-allocs>
  tms-allocs
</tms-allocs>
<tms-mallocs>
  tms-mallocs
</tms-mallocs>
<tms-alloc-bytes>
  tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-replication-state>

Usage

```
<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>
```

Description Current state of task replication

<task-size-block>**Usage**

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>

```

Description**<task-size-block>****Usage**

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs

```

```
</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
```

```

</timer-late>
<timer-expires>
  timer-expires
</timer-expires>
<timer-jitter>
  timer-jitter
</timer-jitter>
<timer-interval>
  timer-interval
</timer-interval>
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>

```

Description

<task-timer>

Usage

```

<task-timer-information>
<task>
  <task-timer>
    <timer-name>
      timer-name
    </timer-name>
    <timer-late>
      timer-late
    </timer-late>
    <timer-expires>
      timer-expires
    </timer-expires>
    <timer-jitter>
      timer-jitter
    </timer-jitter>
    <timer-interval>
      timer-interval
    </timer-interval>
    <timer-flags>
      timer-flags
    </timer-flags>
  </task-timer>
</task>
</task-timer-information>

```

Description

<task-timer-information>

Usage

```

<task-timer-information>
<task>....</task>
</task-timer-information>

```

Description**<tracing-information>****Usage**

```
<tracing-information>
  <flags>
    flags
  </flags>
  <filename>
    filename
  </filename>
  <filesize>
    filesize
  </filesize>
  <filelimit>
    filelimit
  </filelimit>
</tracing-information>
```

Description**Summary of DS-Lite Response Tags**

<ds-lite-softwire-sc>**Usage**

```
<ds-lite-softwire-sc-all-information>
  <ds-lite-softwire-sc>
    <ds-lite-softwire-sc-name>
      ds-lite-softwire-sc-name
    </ds-lite-softwire-sc-name>
    <ds-lite-softwire-sc-address>
      ds-lite-softwire-sc-address
    </ds-lite-softwire-sc-address>
    <ds-lite-softwire-sc-status>
      ds-lite-softwire-sc-status
    </ds-lite-softwire-sc-status>
    <ds-lite-softwire-sc-si-num>
      ds-lite-softwire-sc-si-num
    </ds-lite-softwire-sc-si-num>
  </ds-lite-softwire-sc>
</ds-lite-softwire-sc-all-information>
```

Description**<ds-lite-softwire-sc-all-information>****Usage**

```
<ds-lite-softwire-sc-all-information>
  <ds-lite-softwire-sc>....</ds-lite-softwire-sc>
</ds-lite-softwire-sc-all-information>
```

Description**<ds-lite-software-sc-detail-information>****Usage**

```

<ds-lite-software-sc-detail-information>
  <ds-lite-software-sc-pre>....</ds-lite-software-sc-pre>
  <ds-lite-software-si>....</ds-lite-software-si>
  <ds-lite-software-sc-si-num>
    ds-lite-software-sc-si-num
  </ds-lite-software-sc-si-num>
</ds-lite-software-sc-detail-information>

```

Description Information about specified SC

<ds-lite-software-sc-pre>**Usage**

```

<ds-lite-software-sc-detail-information>
  <ds-lite-software-sc-pre>
    <ds-lite-software-sc-name>
      ds-lite-software-sc-name
    </ds-lite-software-sc-name>
    <ds-lite-software-sc-status>
      ds-lite-software-sc-status
    </ds-lite-software-sc-status>
    <ds-lite-software-sc-address>
      ds-lite-software-sc-address
    </ds-lite-software-sc-address>
    <ds-lite-software-sc-zone>
      ds-lite-software-sc-zone
    </ds-lite-software-sc-zone>
    <ds-lite-software-sc-vr-id>
      ds-lite-software-sc-vr-id
    </ds-lite-software-sc-vr-id>
  </ds-lite-software-sc-pre>
</ds-lite-software-sc-detail-information>

```

Description Brief information about specified SC

<ds-lite-software-si>**Usage**

```

<ds-lite-software-sc-detail-information>
  <ds-lite-software-si>
    <ds-lite-software-si-address>
      ds-lite-software-si-address
    </ds-lite-software-si-address>
    <ds-lite-software-si-status>
      ds-lite-software-si-status
    </ds-lite-software-si-status>
    <ds-lite-software-si-spu>
      ds-lite-software-si-spu

```

```
</ds-lite-software-si-spu>
</ds-lite-software-si>
</ds-lite-software-sc-detail-information>
```

Description Information about SI

Summary of Dynamic VPN Response Tags

<clear-all-dvpn-user-connection-information>

Usage

```
<clear-all-dvpn-user-connection-information>
<cleared-user-connection-count>
  cleared-user-connection-count
</cleared-user-connection-count>
</clear-all-dvpn-user-connection-information>
```

Description Information about cleared user connection information

<clear-dvpn-user-connection-errors>

Usage

```
<clear-dvpn-user-connection-errors>
<cleared-user-connection-for-user-errors>
  cleared-user-connection-for-user-errors
</cleared-user-connection-for-user-errors>
</clear-dvpn-user-connection-errors>
```

Description Errors for clearing user connection information for specified user

<clear-dvpn-user-connection-information>

Usage

```
<clear-dvpn-user-connection-information>
<cleared-user-connection-for-user>
  cleared-user-connection-for-user
</cleared-user-connection-for-user>
</clear-dvpn-user-connection-information>
```

Description Information about cleared user connection information for specified user

<client-version>

Usage

```
<dvpn-client-version>
<client-version>
  <dvpn-client-version-number>
    dvpn-client-version-number
  </dvpn-client-version-number>
```

```

    </client-version>
  </dvpn-client-version>

```

Description Information about the dynamic vpn client version

<dvpn-client-version>

Usage

```

<dvpn-client-version>
  <client-version>....</client-version>
</dvpn-client-version>

```

Description Information about dynamic-vpn client version

<dvpn-connection>

Usage

```

<dvpn-connection>
  <dvpn-remote-ip-detail>
    dvpn-remote-ip-detail
  </dvpn-remote-ip-detail>
  <dvpn-ipsec-vpn>
    dvpn-ipsec-vpn
  </dvpn-ipsec-vpn>
  <dvpn-ike-gateway>
    dvpn-ike-gateway
  </dvpn-ike-gateway>
  <dvpn-ike-id-detail>
    dvpn-ike-id-detail
  </dvpn-ike-id-detail>
  <dvpn-ike-rekey-detail>
    dvpn-ike-rekey-detail
  </dvpn-ike-rekey-detail>
  <dvpn-ipsec-rekey-detail>
    dvpn-ipsec-rekey-detail
  </dvpn-ipsec-rekey-detail>
  <dvpn-status-detail>
    dvpn-status-detail
  </dvpn-status-detail>
</dvpn-connection>

```

Description User connection information

<dvpn-connection>

Usage

```

<dvpn-users-information>
  <dvpn-user-conn-info>
    <dvpn-connection>
      <dvpn-remote-ip-detail>
        dvpn-remote-ip-detail

```

```
</dvpn-remote-ip-detail>
<dvpn-ipsec-vpn>
  dvpn-ipsec-vpn
</dvpn-ipsec-vpn>
<dvpn-ike-gateway>
  dvpn-ike-gateway
</dvpn-ike-gateway>
<dvpn-ike-id-detail>
  dvpn-ike-id-detail
</dvpn-ike-id-detail>
<dvpn-ike-rekey-detail>
  dvpn-ike-rekey-detail
</dvpn-ike-rekey-detail>
<dvpn-ipsec-rekey-detail>
  dvpn-ipsec-rekey-detail
</dvpn-ipsec-rekey-detail>
<dvpn-status-detail>
  dvpn-status-detail
</dvpn-status-detail>
</dvpn-connection>
</dvpn-user-conn-info>
</dvpn-users-information>
```

Description User connection information

<dvpn-user-conn-info>

Usage

```
<dvpn-users-information>
<dvpn-user-conn-info>
  <dvpn-user>
    dvpn-user
  </dvpn-user>
  <dvpn-remote-ip>
    dvpn-remote-ip
  </dvpn-remote-ip>
  <dvpn-ike-id>
    dvpn-ike-id
  </dvpn-ike-id>
  <dvpn-ike-rekey>
    dvpn-ike-rekey
  </dvpn-ike-rekey>
  <dvpn-ipsec-rekey>
    dvpn-ipsec-rekey
  </dvpn-ipsec-rekey>
  <dvpn-client-config-name>
    dvpn-client-config-name
  </dvpn-client-config-name>
  <dvpn-status>
    dvpn-status
  </dvpn-status>
  <dvpn-connection-established-time>
    dvpn-connection-established-time
  </dvpn-connection-established-time>
```



```
<dvpn-connected-tunnels-count>
  dvpn-connected-tunnels-count
</dvpn-connected-tunnels-count>
<dvpn-connection>....</dvpn-connection>
</dvpn-user-conn-info>
</dvpn-users-information>
```

Description Information on a dvpn user connection

<dvpn-users-information>

Usage

```
<dvpn-users-information>
<dvpn-user-conn-info>....</dvpn-user-conn-info>
</dvpn-users-information>
```

Description Information about dynamic-vpn users

Summary of End-to-End Debug Response Tags

<eedebug-all-action-profile>

Usage

```
<eedebug-all-action-profile>
<filter-name>
  filter-name
</filter-name>
<filter-index>
  filter-index
</filter-index>
<eedebug-action-profile-name>
  eedebug-action-profile-name
</eedebug-action-profile-name>
<eedebug-action-profile>
  eedebug-action-profile
</eedebug-action-profile>
</eedebug-all-action-profile>
```

Description

<eedebug-all-counters>

Usage

```
<eedebug-all-counters>
<filter-name>
  filter-name
</filter-name>
<filter-index>
  filter-index
</filter-index>
<eedebug-counter-value>
```

```
    eedebug-counter-value
  </eedebug-counter-value>
  <eedebug-counter-name>
    eedebug-counter-name
  </eedebug-counter-name>
  <eedebug-cid>
    eedebug-cid
  </eedebug-cid>
  <eedebug-fpc>
    eedebug-fpc
  </eedebug-fpc>
  <eedebug-pic>
    eedebug-pic
  </eedebug-pic>
</eedebug-all-counters>
```

Description

<eedebug-all-events>

Usage

```
<eedebug-all-events>
  <eedebug-event>
    eedebug-event
  </eedebug-event>
  <chassis-id>
    chassis-id
  </chassis-id>
  <fpc-id>
    fpc-id
  </fpc-id>
  <pic-id>
    pic-id
  </pic-id>
  <eedebug-pfe>....</eedebug-pfe>
</eedebug-all-events>
```

Description

<eedebug-capture-output>

Usage

```
<eedebug-capture-output>
  <eedebug-capture-output-blob>
    eedebug-capture-output-blob
  </eedebug-capture-output-blob>
</eedebug-capture-output>
```

Description

<eedebug-pfe>

Usage

```
<eedebug-all-events>
```

```

<eedebug-pfe>
  <chassis-id>
    chassis-id
  </chassis-id>
  <fpc-id>
    fpc-id
  </fpc-id>
  <pic-id>
    pic-id
  </pic-id>
</eedebug-pfe>
</eedebug-all-events>

```

Description

<eedebug-reload-result>

Usage

```

<eedebug-reload-result>
  <eedebug-reload-status>
    eedebug-reload-status
  </eedebug-reload-status>
</eedebug-reload-result>

```

Description

<eedebug-trace-sort>

Usage

```

<eedebug-trace-sort>
  <eedebug-trace-sort-blob>
    eedebug-trace-sort-blob
  </eedebug-trace-sort-blob>
</eedebug-trace-sort>

```

Description

<request-eedebug-capture-start-result>

Usage

```

<request-eedebug-capture-start-result>
  <eedebug-capture-start-status>
    eedebug-capture-start-status
  </eedebug-capture-start-status>
</request-eedebug-capture-start-result>

```

Description

<request-eedebug-capture-stop-result>

Usage

```

<request-eedebug-capture-stop-result>
  <eedebug-capture-stop-status>

```

```

    eedebug-capture-stop-status
  </eedebug-capture-stop-status>
</request-eedebug-capture-stop-result>

```

Description

Summary of ESW Response Tags

<age-statistics>

Usage

```

<age-statistics>
  <total-aging-message>
    total-aging-message
  </total-aging-message>
  <immediate-aging>
    immediate-aging
  </immediate-aging>
  <mac-address-seen>
    mac-address-seen
  </mac-address-seen>
  <mac-address-not-seen>
    mac-address-not-seen
  </mac-address-not-seen>
  <age-message-with-error>
    age-message-with-error
  </age-message-with-error>
  <age-message-with-invalid-vlan>
    age-message-with-invalid-vlan
  </age-message-with-invalid-vlan>
  <age-message-with-unfound-entry>
    age-message-with-unfound-entry
  </age-message-with-unfound-entry>
  <age-message-for-static-entry>
    age-message-for-static-entry
  </age-message-for-static-entry>
</age-statistics>

```

Description

<age-statistics>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-aging-stats>
    <age-statistics>
      <total-aging-message>
        total-aging-message
      </total-aging-message>
      <immediate-aging>
        immediate-aging
      </immediate-aging>
      <mac-address-seen>
        mac-address-seen
    </age-statistics>
  </ethernet-switching-aging-stats>
</ethernet-switching-stats-information>

```

```

</mac-address-seen>
<mac-address-not-seen>
  mac-address-not-seen
</mac-address-not-seen>
<age-message-with-error>
  age-message-with-error
</age-message-with-error>
<age-message-with-invalid-vlan>
  age-message-with-invalid-vlan
</age-message-with-invalid-vlan>
<age-message-with-unfound-entry>
  age-message-with-unfound-entry
</age-message-with-unfound-entry>
<age-message-for-static-entry>
  age-message-for-static-entry
</age-message-for-static-entry>
</age-statistics>
</ethernet-switching-aging-stats>
</ethernet-switching-stats-information>

```

Description

<analyzer>

Usage

```

<analyzer>
  <analyzer-information>....</analyzer-information>
</analyzer>

```

Description

<analyzer-egress-interface-list>

Usage

```

<analyzer-egress-interface-list>
  <analyzer-egress-interface-name>
    analyzer-egress-interface-name
  </analyzer-egress-interface-name>
</analyzer-egress-interface-list>

```

Description

<analyzer-egress-interface-list>

Usage

```

<analyzer>
  <analyzer-information>
    <analyzer-egress-interface-list>
      <analyzer-egress-interface-name>
        analyzer-egress-interface-name
      </analyzer-egress-interface-name>
    </analyzer-egress-interface-list>
  </analyzer-information>

```

```
</analyzer>
```

Description

<analyzer-egress-vlan-list>

Usage

```
<analyzer-egress-vlan-list>
  <analyzer-egress-vlan-name>
    analyzer-egress-vlan-name
  </analyzer-egress-vlan-name>
</analyzer-egress-vlan-list>
```

Description

<analyzer-egress-vlan-list>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-egress-vlan-list>
      <analyzer-egress-vlan-name>
        analyzer-egress-vlan-name
      </analyzer-egress-vlan-name>
    </analyzer-egress-vlan-list>
  </analyzer-information>
</analyzer>
```

Description

<analyzer-information>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-name>
      analyzer-name
    </analyzer-name>
    <analyzer-mirror-ratio>
      analyzer-mirror-ratio
    </analyzer-mirror-ratio>
    <analyzer-loss-priority>
      analyzer-loss-priority
    </analyzer-loss-priority>
    <analyzer-ingress-interface-list>....</analyzer-ingress-interface-list>
    <analyzer-egress-interface-list>....</analyzer-egress-interface-list>
    <analyzer-ingress-vlan-list>....</analyzer-ingress-vlan-list>
    <analyzer-egress-vlan-list>....</analyzer-egress-vlan-list>
    <analyzer-monitor>....</analyzer-monitor>
  </analyzer-information>
</analyzer>
```

Description**<analyzer-ingress-interface-list>****Usage**

```
<analyzer-ingress-interface-list>
  <analyzer-ingress-interface-name>
    analyzer-ingress-interface-name
  </analyzer-ingress-interface-name>
</analyzer-ingress-interface-list>
```

Description**<analyzer-ingress-interface-list>****Usage**

```
<analyzer>
  <analyzer-information>
    <analyzer-ingress-interface-list>
      <analyzer-ingress-interface-name>
        analyzer-ingress-interface-name
      </analyzer-ingress-interface-name>
    </analyzer-ingress-interface-list>
  </analyzer-information>
</analyzer>
```

Description**<analyzer-ingress-vlan-list>****Usage**

```
<analyzer-ingress-vlan-list>
  <analyzer-ingress-vlan-name>
    analyzer-ingress-vlan-name
  </analyzer-ingress-vlan-name>
</analyzer-ingress-vlan-list>
```

Description**<analyzer-ingress-vlan-list>****Usage**

```
<analyzer>
  <analyzer-information>
    <analyzer-ingress-vlan-list>
      <analyzer-ingress-vlan-name>
        analyzer-ingress-vlan-name
      </analyzer-ingress-vlan-name>
    </analyzer-ingress-vlan-list>
  </analyzer-information>
</analyzer>
```

Description

<analyzer-monitor>

Usage

```
<analyzer-monitor>
  <analyzer-monitor-port>
    analyzer-monitor-port
  </analyzer-monitor-port>
  <analyzer-monitor-vlan>
    analyzer-monitor-vlan
  </analyzer-monitor-vlan>
</analyzer-monitor>
```

Description

<analyzer-monitor>

Usage

```
<analyzer>
  <analyzer-information>
    <analyzer-monitor>
      <analyzer-monitor-port>
        analyzer-monitor-port
      </analyzer-monitor-port>
      <analyzer-monitor-vlan>
        analyzer-monitor-vlan
      </analyzer-monitor-vlan>
    </analyzer-monitor>
  </analyzer-information>
</analyzer>
```

Description

<arp-inspection>

Usage

```
<arp-inspection>
  <arp-inspection-statistics>....</arp-inspection-statistics>
</arp-inspection>
```

Description

<arp-inspection-statistics>

Usage

```
<arp-inspection>
  <arp-inspection-statistics>
    <arp-inspection-statistics-entry>....</arp-inspection-statistics-entry>
  </arp-inspection-statistics>
</arp-inspection>
```

Description

<arp-inspection-statistics-entry>

Usage

```

<arp-inspection>
  <arp-inspection-statistics>
    <arp-inspection-statistics-entry>
      <arp-interface>
        arp-interface
      </arp-interface>
      <arp-packet-count>
        arp-packet-count
      </arp-packet-count>
      <arp-packet-pass>
        arp-packet-pass
      </arp-packet-pass>
      <arp-packet-fail>
        arp-packet-fail
      </arp-packet-fail>
    </arp-inspection-statistics-entry>
  </arp-inspection-statistics>
</arp-inspection>

```

Description

<cist-bridge-parameters>

Usage

```

<cist-bridge-parameters>
  <cist-id>
    cist-id
  </cist-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <regional-root-bridge>....</regional-root-bridge>
  <internal-root-cost>
    internal-root-cost
  </internal-root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <message-age>
    message-age
  </message-age>
  <hop-count>

```

```
hop-count
</hop-count>
<time-since-last-topology-change>
time-since-last-topology-change
</time-since-last-topology-change>
<topology-change-count>
topology-change-count
</topology-change-count>
<topology-change-initiator>
topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
extended-system-id
</extended-system-id>
<internal-instance-id>
internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
hello-time-configured
</hello-time-configured>
<max-age-configured>
max-age-configured
</max-age-configured>
<forward-delay-configured>
forward-delay-configured
</forward-delay-configured>
<maximum-hop-count-configured>
maximum-hop-count-configured
</maximum-hop-count-configured>
<path-cost-method>
path-cost-method
</path-cost-method>
</cist-bridge-parameters>
```

Description STP bridge parameters for common and internal spanning tree

<cist-bridge-parameters>

Usage

```
<stp-bridge>
<cist-bridge-parameters>
  <cist-id>
cist-id
  </cist-id>
  <root-bridge>....</root-bridge>
  <root-port>
root-port
  </root-port>
  <root-cost>
root-cost
```

```
</root-cost>
<regional-root-bridge>....</regional-root-bridge>
<internal-root-cost>
  internal-root-cost
</internal-root-cost>
<hello-time-learned>
  hello-time-learned
</hello-time-learned>
<max-age-learned>
  max-age-learned
</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<message-age>
  message-age
</message-age>
<hop-count>
  hop-count
</hop-count>
<time-since-last-topology-change>
  time-since-last-topology-change
</time-since-last-topology-change>
<topology-change-count>
  topology-change-count
</topology-change-count>
<topology-change-initiator>
  topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
  topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
  extended-system-id
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<maximum-hop-count-configured>
  maximum-hop-count-configured
</maximum-hop-count-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</cist-bridge-parameters>
```

```
</stp-bridge>
```

Description STP bridge parameters for common and internal spanning tree

<customer-vlan-range>

Usage

```
<customer-vlan-range-list>
  <customer-vlan-range>
    <customer-vlan-range-start>
      customer-vlan-range-start
    </customer-vlan-range-start>
    <customer-vlan-range-end>
      customer-vlan-range-end
    </customer-vlan-range-end>
  </customer-vlan-range>
</customer-vlan-range-list>
```

Description

<customer-vlan-range>

Usage

```
<vlan>
  <customer-vlan-range-list>
    <customer-vlan-range>
      <customer-vlan-range-start>
        customer-vlan-range-start
      </customer-vlan-range-start>
      <customer-vlan-range-end>
        customer-vlan-range-end
      </customer-vlan-range-end>
    </customer-vlan-range>
  </customer-vlan-range-list>
</vlan>
```

Description

<customer-vlan-range>

Usage

```
<vlan-information>
  <vlan>
    <customer-vlan-range-list>
      <customer-vlan-range>
        <customer-vlan-range-start>
          customer-vlan-range-start
        </customer-vlan-range-start>
        <customer-vlan-range-end>
          customer-vlan-range-end
        </customer-vlan-range-end>
      </customer-vlan-range>
    </customer-vlan-range-list>
```

```
</vlan>
</vlan-information>
```

Description

<customer-vlan-range-list>

Usage

```
<customer-vlan-range-list>
  <customer-vlan-range>....</customer-vlan-range>
</customer-vlan-range-list>
```

Description

<customer-vlan-range-list>

Usage

```
<vlan>
  <customer-vlan-range-list>
    <customer-vlan-range>....</customer-vlan-range>
  </customer-vlan-range-list>
</vlan>
```

Description

<customer-vlan-range-list>

Usage

```
<vlan-information>
  <vlan>
    <customer-vlan-range-list>
      <customer-vlan-range>....</customer-vlan-range>
    </customer-vlan-range-list>
  </vlan>
</vlan-information>
```

Description

<dhcp-snooping>

Usage

```
<dhcp-snooping>
  <dhcp-snooping-information>....</dhcp-snooping-information>
  <dhcp-snooping-statistics>....</dhcp-snooping-statistics>
</dhcp-snooping>
```

Description

<dhcp-snooping-information>

Usage

```
<dhcp-snooping>
```

```
<dhcp-snooping-information>
  <dhcp-mac>
    dhcp-mac
  </dhcp-mac>
  <dhcp-ip>
    dhcp-ip
  </dhcp-ip>
  <dhcp-lease>
    dhcp-lease
  </dhcp-lease>
  <dhcp-type>
    dhcp-type
  </dhcp-type>
  <dhcp-vlan>
    dhcp-vlan
  </dhcp-vlan>
  <dhcp-interface>
    dhcp-interface
  </dhcp-interface>
</dhcp-snooping-information>
</dhcp-snooping>
```

Description

<dhcp-snooping-statistics>

Usage

```
<dhcp-snooping>
  <dhcp-snooping-statistics>
    <successful-transfers>
      successful-transfers
    </successful-transfers>
    <failed-transfers>
      failed-transfers
    </failed-transfers>
    <successful-reads>
      successful-reads
    </successful-reads>
    <failed-reads>
      failed-reads
    </failed-reads>
    <successful-writes>
      successful-writes
    </successful-writes>
    <failed-writes>
      failed-writes
    </failed-writes>
  </dhcp-snooping-statistics>
</dhcp-snooping>
```

Description

<ethernet-switching-aging-stats>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-aging-stats>
    <age-statistics>....</age-statistics>
  </ethernet-switching-aging-stats>
</ethernet-switching-stats-information>

```

Description

<ethernet-switching-learning-stats>

Usage

```

<ethernet-switching-learning-stats>
  <mac-stats-rcvd-total>
    mac-stats-rcvd-total
  </mac-stats-rcvd-total>
  <mac-stats-rcvd-local>
    mac-stats-rcvd-local
  </mac-stats-rcvd-local>
  <mac-stats-rcvd-transit>
    mac-stats-rcvd-transit
  </mac-stats-rcvd-transit>
  <mac-stats-error>
    mac-stats-error
  </mac-stats-error>
  <mac-stats-forced-update>
    mac-stats-forced-update
  </mac-stats-forced-update>
  <mac-statistics>....</mac-statistics>
</ethernet-switching-learning-stats>

```

Description

<ethernet-switching-learning-stats>

Usage

```

<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>
    <mac-stats-rcvd-total>
      mac-stats-rcvd-total
    </mac-stats-rcvd-total>
    <mac-stats-rcvd-local>
      mac-stats-rcvd-local
    </mac-stats-rcvd-local>
    <mac-stats-rcvd-transit>
      mac-stats-rcvd-transit
    </mac-stats-rcvd-transit>
    <mac-stats-error>
      mac-stats-error
    </mac-stats-error>
    <mac-stats-forced-update>
      mac-stats-forced-update

```

```
</mac-stats-forced-update>
<mac-statistics>....</mac-statistics>
</ethernet-switching-learning-stats>
</ethernet-switching-stats-information>
```

Description

<ethernet-switching-mac-notification-information>

Usage

```
<ethernet-switching-mac-notification-information>
  <mac-notification-status>
    mac-notification-status
  </mac-notification-status>
  <mac-notification-interval>
    mac-notification-interval
  </mac-notification-interval>
  <mac-notification-sent>
    mac-notification-sent
  </mac-notification-sent>
  <mac-notification-max-tablesize>
    mac-notification-max-tablesize
  </mac-notification-max-tablesize>
</ethernet-switching-mac-notification-information>
```

Description

<ethernet-switching-next-hop-information>

Usage

```
<ethernet-switching-next-hop-information>
  <nh-information>
    nh-information
  </nh-information>
  <ethernet-switching-next-hops>....</ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<ethernet-switching-next-hops>

Usage

```
<ethernet-switching-next-hops>
  <nh-type>
    nh-type
  </nh-type>
  <direct-nh-index>
    direct-nh-index
  </direct-nh-index>
  <indirect-nh-index>
    indirect-nh-index
  </indirect-nh-index>
  <nh-index>
    nh-index
```



```

</nh-index>
<nh-8021q-tag>
  nh-8021q-tag
</nh-8021q-tag>
<nh-status>
  nh-status
</nh-status>
<nh-reference-count>
  nh-reference-count
</nh-reference-count>
<nh-flags>
  nh-flags
</nh-flags>
<nh-list-type>
  nh-list-type
</nh-list-type>
<nh-fdb-entry-count>
  nh-fdb-entry-count
</nh-fdb-entry-count>
<nh-tagged-interface-count>
  nh-tagged-interface-count
</nh-tagged-interface-count>
<nh-untagged-interface-count>
  nh-untagged-interface-count
</nh-untagged-interface-count>
<nh-fdb-count>
  nh-fdb-count
</nh-fdb-count>
<nh-hw-token>
  nh-hw-token
</nh-hw-token>
<nh-interface-list>....</nh-interface-list>
<nh-detail-interface-list>....</nh-detail-interface-list>
<nh-fdb-entry>....</nh-fdb-entry>
</ethernet-switching-next-hops>

```

Description

<ethernet-switching-next-hops>

Usage

```

<ethernet-switching-next-hop-information>
<ethernet-switching-next-hops>
  <nh-type>
    nh-type
  </nh-type>
  <direct-nh-index>
    direct-nh-index
  </direct-nh-index>
  <indirect-nh-index>
    indirect-nh-index
  </indirect-nh-index>
  <nh-index>
    nh-index
  </nh-index>

```

```
<nh-8021q-tag>
  nh-8021q-tag
</nh-8021q-tag>
<nh-status>
  nh-status
</nh-status>
<nh-reference-count>
  nh-reference-count
</nh-reference-count>
<nh-flags>
  nh-flags
</nh-flags>
<nh-list-type>
  nh-list-type
</nh-list-type>
<nh-fdb-entry-count>
  nh-fdb-entry-count
</nh-fdb-entry-count>
<nh-tagged-interface-count>
  nh-tagged-interface-count
</nh-tagged-interface-count>
<nh-untagged-interface-count>
  nh-untagged-interface-count
</nh-untagged-interface-count>
<nh-fdb-count>
  nh-fdb-count
</nh-fdb-count>
<nh-hw-token>
  nh-hw-token
</nh-hw-token>
<nh-interface-list>....</nh-interface-list>
<nh-detail-interface-list>....</nh-detail-interface-list>
<nh-fdb-entry>....</nh-fdb-entry>
</ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<ethernet-switching-stats-information>

Usage

```
<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>....</ethernet-switching-learning-stats>
  <ethernet-switching-aging-stats>....</ethernet-switching-aging-stats>
</ethernet-switching-stats-information>
```

Description

<ethernet-switching-table>

Usage

```
<ethernet-switching-table>
  <mac-table-name>
    mac-table-name
```

```

</mac-table-name>
<mac-table-count>
  mac-table-count
</mac-table-count>
<mac-table-learned>
  mac-table-learned
</mac-table-learned>
<mac-table-entry>....</mac-table-entry>
</ethernet-switching-table>

```

Description

<ethernet-switching-table>

Usage

```

<ethernet-switching-table-information>
  <ethernet-switching-table>
    <mac-table-name>
      mac-table-name
    </mac-table-name>
    <mac-table-count>
      mac-table-count
    </mac-table-count>
    <mac-table-learned>
      mac-table-learned
    </mac-table-learned>
    <mac-table-entry>....</mac-table-entry>
  </ethernet-switching-table>
</ethernet-switching-table-information>

```

Description

<ethernet-switching-table-information>

Usage

```

<ethernet-switching-table-information>
  <ethernet-switching-table>....</ethernet-switching-table>
</ethernet-switching-table-information>

```

Description

<fdb-log-entry>

Usage

```

<fdb-log-entry>
  <fdb-log-string>
    fdb-log-string
  </fdb-log-string>
</fdb-log-entry>

```

Description

<fdb-log-entry>

Usage

```
<fdb-log-info>
  <fdb-log-entry>
    <fdb-log-string>
      fdb-log-string
    </fdb-log-string>
  </fdb-log-entry>
</fdb-log-info>
```

Description

<fdb-log-info>

Usage

```
<fdb-log-info>
  <fdb-log-entry>....</fdb-log-entry>
</fdb-log-info>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-enode-entry>
  <enode-mac>
    enode-mac
  </enode-mac>
  <enode-vlan>
    enode-vlan
  </enode-vlan>
  <enode-configuration-timer>
    enode-configuration-timer
  </enode-configuration-timer>
  <enode-running-timer>
    enode-running-timer
  </enode-running-timer>
  <enode-interface>
    enode-interface
  </enode-interface>
  <fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
```

```

</enode-mac>
<enode-vlan>
  enode-vlan
</enode-vlan>
<enode-configuration-timer>
  enode-configuration-timer
</enode-configuration-timer>
<enode-running-timer>
  enode-running-timer
</enode-running-timer>
<enode-interface>
  enode-interface
</enode-interface>
<fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>

```

Description

<fip-snooping-enode-entry>

Usage

```

<fip-snooping-vlan-entry>
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
    </enode-mac>
    <enode-vlan>
      enode-vlan
    </enode-vlan>
    <enode-configuration-timer>
      enode-configuration-timer
    </enode-configuration-timer>
    <enode-running-timer>
      enode-running-timer
    </enode-running-timer>
    <enode-interface>
      enode-interface
    </enode-interface>
    <fip-snooping-session-entry>....</fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>

```

Description

<fip-snooping-enode-entry>

Usage

```

<fip-snooping-statistics>
<fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>

```

```
<enode-mac>
  enode-mac
</enode-mac>
<enode-vlan>
  enode-vlan
</enode-vlan>
<enode-configuration-timer>
  enode-configuration-timer
</enode-configuration-timer>
<enode-running-timer>
  enode-running-timer
</enode-running-timer>
<enode-interface>
  enode-interface
</enode-interface>
<fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-enode-information>
<fip-snooping-enode-entry>
  <enode-mac>
    enode-mac
  </enode-mac>
  <enode-vlan>
    enode-vlan
  </enode-vlan>
  <enode-configuration-timer>
    enode-configuration-timer
  </enode-configuration-timer>
  <enode-running-timer>
    enode-running-timer
  </enode-running-timer>
  <enode-interface>
    enode-interface
  </enode-interface>
  <fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-enode-information>
```

Description

<fip-snooping-enode-entry>

Usage

```
<fip-snooping-fcf-information>
<fip-snooping-fcf-entry>
```

```

<fip-snooping-enode-entry>
  <enode-mac>
    enode-mac
  </enode-mac>
  <enode-vlan>
    enode-vlan
  </enode-vlan>
  <enode-configuration-timer>
    enode-configuration-timer
  </enode-configuration-timer>
  <enode-running-timer>
    enode-running-timer
  </enode-running-timer>
  <enode-interface>
    enode-interface
  </enode-interface>
  <fip-snooping-session-entry>....</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>

```

Description

<fip-snooping-enode-entry>

Usage

```

<fip-snooping-information>
  <fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <enode-mac>
      enode-mac
    </enode-mac>
    <enode-vlan>
      enode-vlan
    </enode-vlan>
    <enode-configuration-timer>
      enode-configuration-timer
    </enode-configuration-timer>
    <enode-running-timer>
      enode-running-timer
    </enode-running-timer>
    <enode-interface>
      enode-interface
    </enode-interface>
    <fip-snooping-session-entry>....</fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-information>

```

Description

<fip-snooping-enode-information>

Usage

```
<fip-snooping-enode-information>  
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>  
</fip-snooping-enode-information>
```

Description

<fip-snooping-fcdsession-entry>

Usage

```
<fip-snooping-fcdsession-entry>  
  <fip-fcdsession-enode-mac>  
    fip-fcdsession-enode-mac  
  </fip-fcdsession-enode-mac>  
  <fip-fcdsession-vnport-mac>  
    fip-fcdsession-vnport-mac  
  </fip-fcdsession-vnport-mac>  
  <fip-fcdsession-classid>  
    fip-fcdsession-classid  
  </fip-fcdsession-classid>  
</fip-snooping-fcdsession-entry>
```

Description

<fip-snooping-fcdsession-entry>

Usage

```
<fip-snooping-fcdvlan-entry>  
  <fip-snooping-fcdsession-entry>  
    <fip-fcdsession-enode-mac>  
      fip-fcdsession-enode-mac  
    </fip-fcdsession-enode-mac>  
    <fip-fcdsession-vnport-mac>  
      fip-fcdsession-vnport-mac  
    </fip-fcdsession-vnport-mac>  
    <fip-fcdsession-classid>  
      fip-fcdsession-classid  
    </fip-fcdsession-classid>  
  </fip-snooping-fcdsession-entry>  
</fip-snooping-fcdvlan-entry>
```

Description

<fip-snooping-fcdsession-entry>

Usage

```
<fip-snooping-fcdstate-information>  
  <fip-snooping-fcdvlan-entry>  
    <fip-snooping-fcdsession-entry>  
      <fip-fcdsession-enode-mac>  
        fip-fcdsession-enode-mac
```



```

</fip-fcdsession-enode-mac>
<fip-fcdsession-vnport-mac>
  fip-fcdsession-vnport-mac
</fip-fcdsession-vnport-mac>
<fip-fcdsession-classid>
  fip-fcdsession-classid
</fip-fcdsession-classid>
</fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>

```

Description

<fip-snooping-fcdstate-information>

Usage

```

<fip-snooping-fcdstate-information>
  <fip-snooping-fcdvlan-entry>....</fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>

```

Description

<fip-snooping-fcdvlan-entry>

Usage

```

<fip-snooping-fcdvlan-entry>
  <fip-fcdvlan-hw-token>
    fip-fcdvlan-hw-token
  </fip-fcdvlan-hw-token>
  <fip-fcdvlan-fc-map>
    fip-fcdvlan-fc-map
  </fip-fcdvlan-fc-map>
  <fip-fcdvlan-fcfmac>
    fip-fcdvlan-fcfmac
  </fip-fcdvlan-fcfmac>
  <fip-fcdvlan-applied>
    fip-fcdvlan-applied
  </fip-fcdvlan-applied>
  <fip-snooping-fcdsession-entry>....</fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>

```

Description

<fip-snooping-fcdvlan-entry>

Usage

```

<fip-snooping-fcdstate-information>
  <fip-snooping-fcdvlan-entry>
    <fip-fcdvlan-hw-token>
      fip-fcdvlan-hw-token
    </fip-fcdvlan-hw-token>
    <fip-fcdvlan-fc-map>
      fip-fcdvlan-fc-map
    </fip-fcdvlan-fc-map>

```

```
<fip-fcdvlan-fcfmac>
  fip-fcdvlan-fcfmac
</fip-fcdvlan-fcfmac>
<fip-fcdvlan-applied>
  fip-fcdvlan-applied
</fip-fcdvlan-applied>
<fip-snooping-fcdsession-entry>....</fip-snooping-fcdsession-entry>
</fip-snooping-fcdvlan-entry>
</fip-snooping-fcdstate-information>
```

Description

<fip-snooping-fcf-entry>

Usage

```
<fip-snooping-fcf-entry>
<fcf-mac>
  fcf-mac
</fcf-mac>
<fcf-vlan>
  fcf-vlan
</fcf-vlan>
<fcf-session>
  fcf-session
</fcf-session>
<fcf-configuration-timer>
  fcf-configuration-timer
</fcf-configuration-timer>
<fcf-running-timer>
  fcf-running-timer
</fcf-running-timer>
<fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
```

Description

<fip-snooping-fcf-entry>

Usage

```
<fip-snooping-vlan-entry>
<fip-snooping-fcf-entry>
<fcf-mac>
  fcf-mac
</fcf-mac>
<fcf-vlan>
  fcf-vlan
</fcf-vlan>
<fcf-session>
  fcf-session
</fcf-session>
<fcf-configuration-timer>
  fcf-configuration-timer
</fcf-configuration-timer>
<fcf-running-timer>
```

```

    fcf-running-timer
  </fcf-running-timer>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>

```

Description

<fip-snooping-fcf-entry>

Usage

```

<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fcf-mac>
        fcf-mac
      </fcf-mac>
      <fcf-vlan>
        fcf-vlan
      </fcf-vlan>
      <fcf-session>
        fcf-session
      </fcf-session>
      <fcf-configuration-timer>
        fcf-configuration-timer
      </fcf-configuration-timer>
      <fcf-running-timer>
        fcf-running-timer
      </fcf-running-timer>
    <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>

```

Description

<fip-snooping-fcf-entry>

Usage

```

<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>
    <fcf-mac>
      fcf-mac
    </fcf-mac>
    <fcf-vlan>
      fcf-vlan
    </fcf-vlan>
    <fcf-session>
      fcf-session
    </fcf-session>
    <fcf-configuration-timer>
      fcf-configuration-timer
    </fcf-configuration-timer>
    <fcf-running-timer>

```

```
    fcf-running-timer
  </fcf-running-timer>
  <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>
```

Description

<fip-snooping-fcf-entry>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fcf-mac>
        fcf-mac
      </fcf-mac>
      <fcf-vlan>
        fcf-vlan
      </fcf-vlan>
      <fcf-session>
        fcf-session
      </fcf-session>
      <fcf-configuration-timer>
        fcf-configuration-timer
      </fcf-configuration-timer>
      <fcf-running-timer>
        fcf-running-timer
      </fcf-running-timer>
      <fip-snooping-enode-entry>....</fip-snooping-enode-entry>
    </fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-fcf-information>

Usage

```
<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
</fip-snooping-fcf-information>
```

Description

<fip-snooping-information>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>....</fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-session-entry>
  <session-fcf-mac>
    session-fcf-mac
  </session-fcf-mac>
  <session-vnport-mac>
    session-vnport-mac
  </session-vnport-mac>
  <session-vnport-timer>
    session-vnport-timer
  </session-vnport-timer>
</fip-snooping-session-entry>
```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-enode-entry>
  <fip-snooping-session-entry>
    <session-fcf-mac>
      session-fcf-mac
    </session-fcf-mac>
    <session-vnport-mac>
      session-vnport-mac
    </session-vnport-mac>
    <session-vnport-timer>
      session-vnport-timer
    </session-vnport-timer>
  </fip-snooping-session-entry>
</fip-snooping-enode-entry>
```

Description**<fip-snooping-session-entry>****Usage**

```
<fip-snooping-fcf-entry>
  <fip-snooping-enode-entry>
    <fip-snooping-session-entry>
      <session-fcf-mac>
        session-fcf-mac
      </session-fcf-mac>
      <session-vnport-mac>
        session-vnport-mac
      </session-vnport-mac>
      <session-vnport-timer>
        session-vnport-timer
      </session-vnport-timer>
    </fip-snooping-session-entry>
  </fip-snooping-enode-entry>
```

```
</fip-snooping-fcf-entry>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-vlan-entry>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>
      <fip-snooping-session-entry>
        <session-fcf-mac>
          session-fcf-mac
        </session-fcf-mac>
        <session-vnport-mac>
          session-vnport-mac
        </session-vnport-mac>
        <session-vnport-timer>
          session-vnport-timer
        </session-vnport-timer>
      </fip-snooping-session-entry>
    </fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-session-entry>

Usage

```
<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fip-snooping-enode-entry>
        <fip-snooping-session-entry>
          <session-fcf-mac>
            session-fcf-mac
          </session-fcf-mac>
          <session-vnport-mac>
            session-vnport-mac
          </session-vnport-mac>
          <session-vnport-timer>
            session-vnport-timer
          </session-vnport-timer>
        </fip-snooping-session-entry>
      </fip-snooping-enode-entry>
    </fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-session-entry>**Usage**

```

<fip-snooping-enode-information>
  <fip-snooping-enode-entry>
    <fip-snooping-session-entry>
      <session-fcf-mac>
        session-fcf-mac
      </session-fcf-mac>
      <session-vnport-mac>
        session-vnport-mac
      </session-vnport-mac>
      <session-vnport-timer>
        session-vnport-timer
      </session-vnport-timer>
    </fip-snooping-session-entry>
  </fip-snooping-enode-entry>
</fip-snooping-enode-information>

```

Description**<fip-snooping-session-entry>****Usage**

```

<fip-snooping-fcf-information>
  <fip-snooping-fcf-entry>
    <fip-snooping-enode-entry>
      <fip-snooping-session-entry>
        <session-fcf-mac>
          session-fcf-mac
        </session-fcf-mac>
        <session-vnport-mac>
          session-vnport-mac
        </session-vnport-mac>
        <session-vnport-timer>
          session-vnport-timer
        </session-vnport-timer>
      </fip-snooping-session-entry>
    </fip-snooping-enode-entry>
  </fip-snooping-fcf-entry>
</fip-snooping-fcf-information>

```

Description**<fip-snooping-session-entry>****Usage**

```

<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-fcf-entry>
      <fip-snooping-enode-entry>
        <fip-snooping-session-entry>
          <session-fcf-mac>
            session-fcf-mac

```

```
</session-fcf-mac>
<session-vnport-mac>
  session-vnport-mac
</session-vnport-mac>
<session-vnport-timer>
  session-vnport-timer
</session-vnport-timer>
</fip-snooping-session-entry>
</fip-snooping-enode-entry>
</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-statistics>

Usage

```
<fip-snooping-statistics>
  <fip-snooping-vlan-entry>....</fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-vlan-entry>

Usage

```
<fip-snooping-vlan-entry>
  <fip-vlan-name>
    fip-vlan-name
  </fip-vlan-name>
  <fip-vlan-fc-map>
    fip-vlan-fc-map
  </fip-vlan-fc-map>
  <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
  <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
</fip-snooping-vlan-entry>
```

Description

<fip-snooping-vlan-entry>

Usage

```
<fip-snooping-statistics>
  <fip-snooping-vlan-entry>
    <fip-vlan-name>
      fip-vlan-name
    </fip-vlan-name>
    <fip-vlan-fc-map>
      fip-vlan-fc-map
    </fip-vlan-fc-map>
    <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
    <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
```



```
</fip-snooping-statistics>
```

Description

<fip-snooping-vlan-entry>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-vlan-name>
      fip-vlan-name
    </fip-vlan-name>
    <fip-vlan-fc-map>
      fip-vlan-fc-map
    </fip-vlan-fc-map>
    <fip-snooping-vlan-statistics>....</fip-snooping-vlan-statistics>
    <fip-snooping-fcf-entry>....</fip-snooping-fcf-entry>
  </fip-snooping-vlan-entry>
</fip-snooping-information>
```

Description

<fip-snooping-vlan-statistics>

Usage

```
<fip-snooping-vlan-statistics>
  <fcf-mda-count>
    fcf-mda-count
  </fcf-mda-count>
  <fcf-uda-count>
    fcf-uda-count
  </fcf-uda-count>
  <fcf-flogi-acc-count>
    fcf-flogi-acc-count
  </fcf-flogi-acc-count>
  <fcf-flogi-rjt-count>
    fcf-flogi-rjt-count
  </fcf-flogi-rjt-count>
  <fcf-fdisc-acc-count>
    fcf-fdisc-acc-count
  </fcf-fdisc-acc-count>
  <fcf-fdisc-rjt-count>
    fcf-fdisc-rjt-count
  </fcf-fdisc-rjt-count>
  <fcf-logo-acc-count>
    fcf-logo-acc-count
  </fcf-logo-acc-count>
  <fcf-logo-rjt-count>
    fcf-logo-rjt-count
  </fcf-logo-rjt-count>
  <fcf-cvl-count>
    fcf-cvl-count
  </fcf-cvl-count>
  <enode-mds-count>
```

```
    enode-mds-count
  </enode-mds-count>
  <enode-uds-count>
    enode-uds-count
  </enode-uds-count>
  <enode-flogi-count>
    enode-flogi-count
  </enode-flogi-count>
  <enode-fdisc-count>
    enode-fdisc-count
  </enode-fdisc-count>
  <enode-logo-count>
    enode-logo-count
  </enode-logo-count>
  <enode-ka-count>
    enode-ka-count
  </enode-ka-count>
  <enode-vnport-ka-count>
    enode-vnport-ka-count
  </enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
```

Description

<fip-snooping-vlan-statistics>

Usage

```
<fip-snooping-vlan-entry>
  <fip-snooping-vlan-statistics>
    <fcf-mda-count>
      fcf-mda-count
    </fcf-mda-count>
    <fcf-uda-count>
      fcf-uda-count
    </fcf-uda-count>
    <fcf-flogi-acc-count>
      fcf-flogi-acc-count
    </fcf-flogi-acc-count>
    <fcf-flogi-rjt-count>
      fcf-flogi-rjt-count
    </fcf-flogi-rjt-count>
    <fcf-fdisc-acc-count>
      fcf-fdisc-acc-count
    </fcf-fdisc-acc-count>
    <fcf-fdisc-rjt-count>
      fcf-fdisc-rjt-count
    </fcf-fdisc-rjt-count>
    <fcf-logo-acc-count>
      fcf-logo-acc-count
    </fcf-logo-acc-count>
    <fcf-logo-rjt-count>
      fcf-logo-rjt-count
    </fcf-logo-rjt-count>
    <fcf-cvl-count>
      fcf-cvl-count
```

```

</fcf-cvl-count>
<enode-mds-count>
  enode-mds-count
</enode-mds-count>
<enode-uds-count>
  enode-uds-count
</enode-uds-count>
<enode-flogi-count>
  enode-flogi-count
</enode-flogi-count>
<enode-fdisc-count>
  enode-fdisc-count
</enode-fdisc-count>
<enode-logo-count>
  enode-logo-count
</enode-logo-count>
<enode-ka-count>
  enode-ka-count
</enode-ka-count>
<enode-vnport-ka-count>
  enode-vnport-ka-count
</enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>

```

Description

<fip-snooping-vlan-statistics>

Usage

```

<fip-snooping-statistics>
<fip-snooping-vlan-entry>
  <fip-snooping-vlan-statistics>
    <fcf-mds-count>
      fcf-mds-count
    </fcf-mds-count>
    <fcf-uda-count>
      fcf-uda-count
    </fcf-uda-count>
    <fcf-flogi-acc-count>
      fcf-flogi-acc-count
    </fcf-flogi-acc-count>
    <fcf-flogi-rjt-count>
      fcf-flogi-rjt-count
    </fcf-flogi-rjt-count>
    <fcf-fdisc-acc-count>
      fcf-fdisc-acc-count
    </fcf-fdisc-acc-count>
    <fcf-fdisc-rjt-count>
      fcf-fdisc-rjt-count
    </fcf-fdisc-rjt-count>
    <fcf-logo-acc-count>
      fcf-logo-acc-count
    </fcf-logo-acc-count>
    <fcf-logo-rjt-count>
      fcf-logo-rjt-count
    </fcf-logo-rjt-count>
  </fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>

```

```
    fcf-logo-rjt-count
  </fcf-logo-rjt-count>
  <fcf-cvl-count>
    fcf-cvl-count
  </fcf-cvl-count>
  <enode-mds-count>
    enode-mds-count
  </enode-mds-count>
  <enode-uds-count>
    enode-uds-count
  </enode-uds-count>
  <enode-flogi-count>
    enode-flogi-count
  </enode-flogi-count>
  <enode-fdisc-count>
    enode-fdisc-count
  </enode-fdisc-count>
  <enode-logo-count>
    enode-logo-count
  </enode-logo-count>
  <enode-ka-count>
    enode-ka-count
  </enode-ka-count>
  <enode-vnport-ka-count>
    enode-vnport-ka-count
  </enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
</fip-snooping-statistics>
```

Description

<fip-snooping-vlan-statistics>

Usage

```
<fip-snooping-information>
  <fip-snooping-vlan-entry>
    <fip-snooping-vlan-statistics>
      <fcf-mds-count>
        fcf-mds-count
      </fcf-mds-count>
      <fcf-uda-count>
        fcf-uda-count
      </fcf-uda-count>
      <fcf-flogi-acc-count>
        fcf-flogi-acc-count
      </fcf-flogi-acc-count>
      <fcf-flogi-rjt-count>
        fcf-flogi-rjt-count
      </fcf-flogi-rjt-count>
      <fcf-fdisc-acc-count>
        fcf-fdisc-acc-count
      </fcf-fdisc-acc-count>
      <fcf-fdisc-rjt-count>
        fcf-fdisc-rjt-count
```

```

</fcf-fdisc-rjt-count>
<fcf-logo-acc-count>
  fcf-logo-acc-count
</fcf-logo-acc-count>
<fcf-logo-rjt-count>
  fcf-logo-rjt-count
</fcf-logo-rjt-count>
<fcf-cvl-count>
  fcf-cvl-count
</fcf-cvl-count>
<enode-mds-count>
  enode-mds-count
</enode-mds-count>
<enode-uds-count>
  enode-uds-count
</enode-uds-count>
<enode-flogi-count>
  enode-flogi-count
</enode-flogi-count>
<enode-fdisc-count>
  enode-fdisc-count
</enode-fdisc-count>
<enode-logo-count>
  enode-logo-count
</enode-logo-count>
<enode-ka-count>
  enode-ka-count
</enode-ka-count>
<enode-vnport-ka-count>
  enode-vnport-ka-count
</enode-vnport-ka-count>
</fip-snooping-vlan-statistics>
</fip-snooping-vlan-entry>
</fip-snooping-information>

```

Description

<fip-snooping-vlandiscovery-enode>

Usage

```

<fip-snooping-vlandiscovery-enode>
  <enode-mac>
    enode-mac
  </enode-mac>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <num-vlans>
    num-vlans
  </num-vlans>
  <fcdref-count>
    fcdref-count
  </fcdref-count>
  <unsolicited-notification-count>
    unsolicited-notification-count

```

```
</unsolicited-notification-count>
<notification-count>
  notification-count
</notification-count>
<request-count>
  request-count
</request-count>
<vlan-list>
  vlan-list
</vlan-list>
</fip-snooping-vlandiscovery-enode>
```

Description

<fip-snooping-vlandiscovery-enode>

Usage

```
<fip-snooping-vlandiscovery-enodes>
<fip-snooping-vlandiscovery-enode>
  <enode-mac>
    enode-mac
  </enode-mac>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <num-vlans>
    num-vlans
  </num-vlans>
  <fcdref-count>
    fcdref-count
  </fcdref-count>
  <unsolicited-notification-count>
    unsolicited-notification-count
  </unsolicited-notification-count>
  <notification-count>
    notification-count
  </notification-count>
  <request-count>
    request-count
  </request-count>
  <vlan-list>
    vlan-list
  </vlan-list>
</fip-snooping-vlandiscovery-enode>
</fip-snooping-vlandiscovery-enodes>
```

Description

<fip-snooping-vlandiscovery-enodes>

Usage

```
<fip-snooping-vlandiscovery-enodes>
  <fip-snooping-vlandiscovery-enode>....</fip-snooping-vlandiscovery-enode>
```

```
</fip-snooping-vlandiscovery-enodes>
```

Description Information about VLAN discovery Enodes information

<fip-snooping-vlandiscovery-interface>

Usage

```
<fip-snooping-vlandiscovery-interface>
  <fip-snooping-vlandiscovery-interface-name>
    fip-snooping-vlandiscovery-interface-name
  </fip-snooping-vlandiscovery-interface-name>
  <enode-count>
    enode-count
  </enode-count>
  <enode-list>
    enode-list
  </enode-list>
</fip-snooping-vlandiscovery-interface>
```

Description

<fip-snooping-vlandiscovery-interface>

Usage

```
<fip-snooping-vlandiscovery-interfaces>
  <fip-snooping-vlandiscovery-interface>
    <fip-snooping-vlandiscovery-interface-name>
      fip-snooping-vlandiscovery-interface-name
    </fip-snooping-vlandiscovery-interface-name>
    <enode-count>
      enode-count
    </enode-count>
    <enode-list>
      enode-list
    </enode-list>
  </fip-snooping-vlandiscovery-interface>
</fip-snooping-vlandiscovery-interfaces>
```

Description

<fip-snooping-vlandiscovery-interfaces>

Usage

```
<fip-snooping-vlandiscovery-interfaces>
  <fip-snooping-vlandiscovery-interface>....</fip-snooping-vlandiscovery-interface>

</fip-snooping-vlandiscovery-interfaces>
```

Description Information about VLAN discovery interfaces information

<fip-snooping-vlandiscovery-statistics>

Usage

```
<fip-snooping-vlandiscovery-statistics>
  <request-count>
    request-count
  </request-count>
  <notification-count>
    notification-count
  </notification-count>
  <unsolicited-notification-count>
    unsolicited-notification-count
  </unsolicited-notification-count>
</fip-snooping-vlandiscovery-statistics>
```

Description

<fip-snooping-vlandiscovery-statistics>

Usage

```
<fip-snooping-vlandiscovery-statistics-information>
  <fip-snooping-vlandiscovery-statistics>
    <request-count>
      request-count
    </request-count>
    <notification-count>
      notification-count
    </notification-count>
    <unsolicited-notification-count>
      unsolicited-notification-count
    </unsolicited-notification-count>
  </fip-snooping-vlandiscovery-statistics>
</fip-snooping-vlandiscovery-statistics-information>
```

Description

<fip-snooping-vlandiscovery-statistics-information>

Usage

```
<fip-snooping-vlandiscovery-statistics-information>
  <fip-snooping-vlandiscovery-statistics>....</fip-snooping-vlandiscovery-statistics>

</fip-snooping-vlandiscovery-statistics-information>
```

Description

<gvrp>

Usage

```
<gvrp>
  <gvrp-timers>....</gvrp-timers>
  <gvrp-information>....</gvrp-information>
  <gvrp-statistics>....</gvrp-statistics>
```



```
</gvrp>
```

Description

```
<gvrp-information>
```

Usage

```
<gvrp>
  <gvrp-information>
    <gvrp-status>
      gvrp-status
    </gvrp-status>
    <gvrp-dynamic-vlan>
      gvrp-dynamic-vlan
    </gvrp-dynamic-vlan>
    <gvrp-maximum-vlan>
      gvrp-maximum-vlan
    </gvrp-maximum-vlan>
    <gvrp-join-timer>
      gvrp-join-timer
    </gvrp-join-timer>
    <gvrp-leave-timer>
      gvrp-leave-timer
    </gvrp-leave-timer>
    <gvrp-leaveall-timer>
      gvrp-leaveall-timer
    </gvrp-leaveall-timer>
    <gvrp-interface-information>....</gvrp-interface-information>
  </gvrp-information>
</gvrp>
```

Description

```
<gvrp-interface-information>
```

Usage

```
<gvrp>
  <gvrp-information>
    <gvrp-interface-information>
      <gvrp-interface-name>
        gvrp-interface-name
      </gvrp-interface-name>
      <gvrp-interface-status>
        gvrp-interface-status
      </gvrp-interface-status>
    </gvrp-interface-information>
  </gvrp-information>
</gvrp>
```

Description

<gvrp-statistics>

Usage

```
<gvrp>
  <gvrp-statistics>
    <join-empty-received>
      join-empty-received
    </join-empty-received>
    <join-in-received>
      join-in-received
    </join-in-received>
    <empty-received>
      empty-received
    </empty-received>
    <leave-in-received>
      leave-in-received
    </leave-in-received>
    <leave-empty-received>
      leave-empty-received
    </leave-empty-received>
    <leave-all-received>
      leave-all-received
    </leave-all-received>
    <join-empty-transmit>
      join-empty-transmit
    </join-empty-transmit>
    <join-in-transmit>
      join-in-transmit
    </join-in-transmit>
    <empty-transmit>
      empty-transmit
    </empty-transmit>
    <leave-in-transmit>
      leave-in-transmit
    </leave-in-transmit>
    <leave-empty-transmit>
      leave-empty-transmit
    </leave-empty-transmit>
    <leave-all-transmit>
      leave-all-transmit
    </leave-all-transmit>
  </gvrp-statistics>
</gvrp>
```

Description

<gvrp-timers>

Usage

```
<gvrp>
  <gvrp-timers>
    <join-timer>
      join-timer
    </join-timer>
    <leave-timer>
```

```

    leave-timer
  </leave-timer>
  <leaveall-timer>
    leaveall-timer
  </leaveall-timer>
</gvrp-timers>
</gvrp>

```

Description

<interface>

Usage

```

<interface>
  <interface-name>
    interface-name
  </interface-name>
  <interface-id>
    interface-id
  </interface-id>
  <interface-port-mode>
    interface-port-mode
  </interface-port-mode>
  <interface-mac-count>
    interface-mac-count
  </interface-mac-count>
  <interface-native-vlan-name>
    interface-native-vlan-name
  </interface-native-vlan-name>
  <interface-mac-learning-mode>
    interface-mac-learning-mode
  </interface-mac-learning-mode>
  <interface-reflective-relay-mode>
    interface-reflective-relay-mode
  </interface-reflective-relay-mode>
  <interface-error>
    interface-error
  </interface-error>
  <interface-ether-type>
    interface-ether-type
  </interface-ether-type>
  <interface-vlan-member-list>....</interface-vlan-member-list>
  <interface-state>
    interface-state
  </interface-state>
</interface>

```

Description

<interface>

Usage

```

<switching-interface-information>
  <interface>

```

```
<interface-name>
  interface-name
</interface-name>
<interface-id>
  interface-id
</interface-id>
<interface-port-mode>
  interface-port-mode
</interface-port-mode>
<interface-mac-count>
  interface-mac-count
</interface-mac-count>
<interface-native-vlan-name>
  interface-native-vlan-name
</interface-native-vlan-name>
<interface-mac-learning-mode>
  interface-mac-learning-mode
</interface-mac-learning-mode>
<interface-reflective-relay-mode>
  interface-reflective-relay-mode
</interface-reflective-relay-mode>
<interface-error>
  interface-error
</interface-error>
<interface-ether-type>
  interface-ether-type
</interface-ether-type>
<interface-vlan-member-list>....</interface-vlan-member-list>
<interface-state>
  interface-state
</interface-state>
</interface>
</switching-interface-information>
```

Description

<interface-vlan-member>

Usage

```
<interface>
<interface-vlan-member-list>
  <interface-vlan-member>
    <interface-vlan-name>
      interface-vlan-name
    </interface-vlan-name>
    <interface-vlan-dot1q-tunneling>
      interface-vlan-dot1q-tunneling
    </interface-vlan-dot1q-tunneling>
    <interface-mapping-operation>
      interface-mapping-operation
    </interface-mapping-operation>
    <interface-mapping-tag>
      interface-mapping-tag
    </interface-mapping-tag>
    <interface-vlan-member-tagness>
```

```

    interface-vlan-member-tagness
  </interface-vlan-member-tagness>
  <interface-vlan-member-tagid>
    interface-vlan-member-tagid
  </interface-vlan-member-tagid>
  <interface-vlan-mac>
    interface-vlan-mac
  </interface-vlan-mac>
  <interface-msti-id>
    interface-msti-id
  </interface-msti-id>
  <blocking-status>
    blocking-status
  </blocking-status>
  <port-error-disable-time>
    port-error-disable-time
  </port-error-disable-time>
</interface-vlan-member>
</interface-vlan-member-list>
</interface>

```

Description

<interface-vlan-member>

Usage

```

<switching-interface-information>
  <interface>
    <interface-vlan-member-list>
      <interface-vlan-member>
        <interface-vlan-name>
          interface-vlan-name
        </interface-vlan-name>
        <interface-vlan-dot1q-tunneling>
          interface-vlan-dot1q-tunneling
        </interface-vlan-dot1q-tunneling>
        <interface-mapping-operation>
          interface-mapping-operation
        </interface-mapping-operation>
        <interface-mapping-tag>
          interface-mapping-tag
        </interface-mapping-tag>
        <interface-vlan-member-tagness>
          interface-vlan-member-tagness
        </interface-vlan-member-tagness>
        <interface-vlan-member-tagid>
          interface-vlan-member-tagid
        </interface-vlan-member-tagid>
        <interface-vlan-mac>
          interface-vlan-mac
        </interface-vlan-mac>
        <interface-msti-id>
          interface-msti-id
        </interface-msti-id>
        <blocking-status>

```

```
        blocking-status
      </blocking-status>
      <port-error-disable-time>
        port-error-disable-time
      </port-error-disable-time>
    </interface-vlan-member>
  </interface-vlan-member-list>
</interface>
</switching-interface-information>
```

Description

<interface-vlan-member-list>

Usage

```
<interface>
  <interface-vlan-member-list>
    <interface-protocol-mode>
      interface-protocol-mode
    </interface-protocol-mode>
    <interface-vlan-member>....</interface-vlan-member>
  </interface-vlan-member-list>
</interface>
```

Description

<interface-vlan-member-list>

Usage

```
<switching-interface-information>
  <interface>
    <interface-vlan-member-list>
      <interface-protocol-mode>
        interface-protocol-mode
      </interface-protocol-mode>
      <interface-vlan-member>....</interface-vlan-member>
    </interface-vlan-member-list>
  </interface>
</switching-interface-information>
```

Description

<ip-source-guard>

Usage

```
<ip-source-guard>
  <ip-source-guard-information>....</ip-source-guard-information>
</ip-source-guard>
```

Description

<ip-source-guard-information>**Usage**

```

<ip-source-guard>
  <ip-source-guard-information>
    <ipsg-vlan>
      ipsg-vlan
    </ipsg-vlan>
    <ipsg-vlan-tag>
      ipsg-vlan-tag
    </ipsg-vlan-tag>
    <ipsg-interface>
      ipsg-interface
    </ipsg-interface>
    <ipsg-mac>
      ipsg-mac
    </ipsg-mac>
    <ipsg-ip>
      ipsg-ip
    </ipsg-ip>
  </ip-source-guard-information>
</ip-source-guard>

```

Description**<l3-nexthop>****Usage**

```

<l3-nexthop>
  <l3-nexthop-index>
    l3-nexthop-index
  </l3-nexthop-index>
  <l3nh-interface>
    l3nh-interface
  </l3nh-interface>
  <l3nh-mac>
    l3nh-mac
  </l3nh-mac>
  <l3nh-l2nh>
    l3nh-l2nh
  </l3nh-l2nh>
</l3-nexthop>

```

Description**<l3-nexthop>****Usage**

```

<l3-nexthop-information>
  <l3-nexthop>
    <l3-nexthop-index>
      l3-nexthop-index
    </l3-nexthop-index>
  <l3nh-interface>

```

```
l3nh-interface
</l3nh-interface>
<l3nh-mac>
l3nh-mac
</l3nh-mac>
<l3nh-l2nh>
l3nh-l2nh
</l3nh-l2nh>
</l3-nexthop>
</l3-nexthop-information>
```

Description

<l3-nexthop-information>

Usage

```
<l3-nexthop-information>
<l3-nexthop>....</l3-nexthop>
</l3-nexthop-information>
```

Description

<layer2-protocol-tunneling-interface-entry>

Usage

```
<layer2-protocol-tunneling-interface-information>
<layer2-protocol-tunneling-interface-entry>
<l2pt-interface>
l2pt-interface
</l2pt-interface>
<l2pt-operation>
l2pt-operation
</l2pt-operation>
<l2pt-state>
l2pt-state
</l2pt-state>
<l2pt-state-description>
l2pt-state-description
</l2pt-state-description>
</layer2-protocol-tunneling-interface-entry>
</layer2-protocol-tunneling-interface-information>
```

Description

<layer2-protocol-tunneling-interface-information>

Usage

```
<layer2-protocol-tunneling-interface-information>

<layer2-protocol-tunneling-interface-entry>....</layer2-protocol-tunneling-interface-entry>

</layer2-protocol-tunneling-interface-information>
```


Description

<layer2-protocol-tunneling-statistics-entry>

Usage

```

<layer2-protocol-tunneling-statistics-information>
  <layer2-protocol-tunneling-statistics-entry>
    <l2pt-statistics-vlan>
      l2pt-statistics-vlan
    </l2pt-statistics-vlan>
    <l2pt-statistics-interface>
      l2pt-statistics-interface
    </l2pt-statistics-interface>
    <l2pt-statistics-protocol>
      l2pt-statistics-protocol
    </l2pt-statistics-protocol>
    <l2pt-statistics-operation>
      l2pt-statistics-operation
    </l2pt-statistics-operation>
    <l2pt-statistics-packets>
      l2pt-statistics-packets
    </l2pt-statistics-packets>
    <l2pt-statistics-drops>
      l2pt-statistics-drops
    </l2pt-statistics-drops>
    <l2pt-statistics-shutdowns>
      l2pt-statistics-shutdowns
    </l2pt-statistics-shutdowns>
  </layer2-protocol-tunneling-statistics-entry>
</layer2-protocol-tunneling-statistics-information>

```

Description

<layer2-protocol-tunneling-statistics-information>

Usage

```

<layer2-protocol-tunneling-statistics-information>

<layer2-protocol-tunneling-statistics-entry>....</layer2-protocol-tunneling-statistics-entry>

</layer2-protocol-tunneling-statistics-information>

```

Description

<layer2-protocol-tunneling-vlan-entry>

Usage

```

<layer2-protocol-tunneling-vlan-information>
  <layer2-protocol-tunneling-vlan-entry>
    <l2pt-vlan>
      l2pt-vlan
    </l2pt-vlan>
    <l2pt-protocol>
      l2pt-protocol
    </l2pt-protocol>
  </layer2-protocol-tunneling-vlan-entry>
</layer2-protocol-tunneling-vlan-information>

```

```
<l2pt-drop-threshold>
  l2pt-drop-threshold
</l2pt-drop-threshold>
<l2pt-shutdown-threshold>
  l2pt-shutdown-threshold
</l2pt-shutdown-threshold>
</layer2-protocol-tunneling-vlan-entry>
</layer2-protocol-tunneling-vlan-information>
```

Description

<layer2-protocol-tunneling-vlan-information>

Usage

```
<layer2-protocol-tunneling-vlan-information>
<layer2-protocol-tunneling-vlan-entry>....</layer2-protocol-tunneling-vlan-entry>

</layer2-protocol-tunneling-vlan-information>
```

Description

<mac-based-vlan-member-list>

Usage

```
<mac-based-vlan-member-list>
<mac-based-vlan-member>
  mac-based-vlan-member
</mac-based-vlan-member>
</mac-based-vlan-member-list>
```

Description

<mac-based-vlan-member-list>

Usage

```
<vlan>
<vlan-detail>
  <mac-based-vlan-member-list>
    <mac-based-vlan-member>
      mac-based-vlan-member
    </mac-based-vlan-member>
  </mac-based-vlan-member-list>
</vlan-detail>
</vlan>
```

Description

<mac-based-vlan-member-list>

Usage

```
<vlan-information>
<vlan>
  <vlan-detail>
```

```

    <mac-based-vlan-member-list>
      <mac-based-vlan-member>
        mac-based-vlan-member
      </mac-based-vlan-member>
    </mac-based-vlan-member-list>
  </vlan-detail>
</vlan>
</vlan-information>

```

Description

<mac-interfaces-list>

Usage

```

<mac-interfaces-list>
  <mac-interfaces>
    mac-interfaces
  </mac-interfaces>
  <mac-tags>
    mac-tags
  </mac-tags>
</mac-interfaces-list>

```

Description

<mac-interfaces-list>

Usage

```

<mac-table-entry>
  <mac-interfaces-list>
    <mac-interfaces>
      mac-interfaces
    </mac-interfaces>
    <mac-tags>
      mac-tags
    </mac-tags>
  </mac-interfaces-list>
</mac-table-entry>

```

Description

<mac-interfaces-list>

Usage

```

<ethernet-switching-table>
  <mac-table-entry>
    <mac-interfaces-list>
      <mac-interfaces>
        mac-interfaces
      </mac-interfaces>
      <mac-tags>
        mac-tags
      </mac-tags>
    </mac-interfaces-list>
  </mac-table-entry>

```

```
</mac-table-entry>
</ethernet-switching-table>
```

Description

<mac-interfaces-list>

Usage

```
<ethernet-switching-table-information>
  <ethernet-switching-table>
    <mac-table-entry>
      <mac-interfaces-list>
        <mac-interfaces>
          mac-interfaces
        </mac-interfaces>
        <mac-tags>
          mac-tags
        </mac-tags>
      </mac-interfaces-list>
    </mac-table-entry>
  </ethernet-switching-table>
</ethernet-switching-table-information>
```

Description

<mac-statistics>

Usage

```
<mac-statistics>
  <learning-interface>
    learning-interface
  </learning-interface>
  <received-local>
    received-local
  </received-local>
  <received-transit>
    received-transit
  </received-transit>
  <received-error>
    received-error
  </received-error>
  <invalid-vlan>
    invalid-vlan
  </invalid-vlan>
  <invalid-mac>
    invalid-mac
  </invalid-mac>
  <security-violation>
    security-violation
  </security-violation>
  <interface-down>
    interface-down
  </interface-down>
  <not-member>
```

```

    not-member
  </not-member>
  <interface-limit-exceeded>
    interface-limit-exceeded
  </interface-limit-exceeded>
  <mac-move-limit-exceeded>
    mac-move-limit-exceeded
  </mac-move-limit-exceeded>
  <vlan-limit-exceeded>
    vlan-limit-exceeded
  </vlan-limit-exceeded>
  <invalid-vlan-index>
    invalid-vlan-index
  </invalid-vlan-index>
  <interface-not-learning>
    interface-not-learning
  </interface-not-learning>
  <no-nexthop>
    no-nexthop
  </no-nexthop>
  <interface-no-learning>
    interface-no-learning
  </interface-no-learning>
  <others>
    others
  </others>
</mac-statistics>

```

Description MAC learning statistics

<mac-statistics>

Usage

```

<ethernet-switching-learning-stats>
  <mac-statistics>
    <learning-interface>
      learning-interface
    </learning-interface>
    <received-local>
      received-local
    </received-local>
    <received-transit>
      received-transit
    </received-transit>
    <received-error>
      received-error
    </received-error>
    <invalid-vlan>
      invalid-vlan
    </invalid-vlan>
    <invalid-mac>
      invalid-mac
    </invalid-mac>
    <security-violation>

```

```
    security-violation
  </security-violation>
  <interface-down>
    interface-down
  </interface-down>
  <not-member>
    not-member
  </not-member>
  <interface-limit-exceeded>
    interface-limit-exceeded
  </interface-limit-exceeded>
  <mac-move-limit-exceeded>
    mac-move-limit-exceeded
  </mac-move-limit-exceeded>
  <vlan-limit-exceeded>
    vlan-limit-exceeded
  </vlan-limit-exceeded>
  <invalid-vlan-index>
    invalid-vlan-index
  </invalid-vlan-index>
  <interface-not-learning>
    interface-not-learning
  </interface-not-learning>
  <no-nexthop>
    no-nexthop
  </no-nexthop>
  <interface-no-learning>
    interface-no-learning
  </interface-no-learning>
  <others>
    others
  </others>
</mac-statistics>
</ethernet-switching-learning-stats>
```

Description MAC learning statistics

<mac-statistics>

Usage

```
<ethernet-switching-stats-information>
  <ethernet-switching-learning-stats>
    <mac-statistics>
      <learning-interface>
        learning-interface
      </learning-interface>
      <received-local>
        received-local
      </received-local>
      <received-transit>
        received-transit
      </received-transit>
      <received-error>
        received-error
```

```

</received-error>
<invalid-vlan>
  invalid-vlan
</invalid-vlan>
<invalid-mac>
  invalid-mac
</invalid-mac>
<security-violation>
  security-violation
</security-violation>
<interface-down>
  interface-down
</interface-down>
<not-member>
  not-member
</not-member>
<interface-limit-exceeded>
  interface-limit-exceeded
</interface-limit-exceeded>
<mac-move-limit-exceeded>
  mac-move-limit-exceeded
</mac-move-limit-exceeded>
<vlan-limit-exceeded>
  vlan-limit-exceeded
</vlan-limit-exceeded>
<invalid-vlan-index>
  invalid-vlan-index
</invalid-vlan-index>
<interface-not-learning>
  interface-not-learning
</interface-not-learning>
<no-nexthop>
  no-nexthop
</no-nexthop>
<interface-no-learning>
  interface-no-learning
</interface-no-learning>
<others>
  others
</others>
</mac-statistics>
</ethernet-switching-learning-stats>
</ethernet-switching-stats-information>

```

Description MAC learning statistics

<mac-table-entry>

Usage

```

<mac-table-entry>
  <mac-vlan>
    mac-vlan
  </mac-vlan>
  <mac-vlan-tag>

```

```
    mac-vlan-tag
  </mac-vlan-tag>
  <mac-address>
    mac-address
  </mac-address>
  <mac-interface>
    mac-interface
  </mac-interface>
  <mac-type>
    mac-type
  </mac-type>
  <mac-age>
    mac-age
  </mac-age>
  <mac-interfaces-list>....</mac-interfaces-list>
  <mac-entry-flags>
    mac-entry-flags
  </mac-entry-flags>
  <mac-learned-time>
    mac-learned-time
  </mac-learned-time>
  <mac-nexthop>
    mac-nexthop
  </mac-nexthop>
  <mac-table-total-count>
    mac-table-total-count
  </mac-table-total-count>
  <mac-table-unknown-unicast-count>
    mac-table-unknown-unicast-count
  </mac-table-unknown-unicast-count>
  <mac-table-dot1x-count>
    mac-table-dot1x-count
  </mac-table-dot1x-count>
  <mac-table-dynamic-count>
    mac-table-dynamic-count
  </mac-table-dynamic-count>
  <mac-table-static-count>
    mac-table-static-count
  </mac-table-static-count>
  <mac-table-flood-count>
    mac-table-flood-count
  </mac-table-flood-count>
  <mac-table-derived-count>
    mac-table-derived-count
  </mac-table-derived-count>
  <mac-table-incomplete-count>
    mac-table-incomplete-count
  </mac-table-incomplete-count>
  <mac-table-recieve-count>
    mac-table-recieve-count
  </mac-table-recieve-count>
</mac-table-entry>
```

Description MAC table

<mac-table-entry>

Usage

```

<ethernet-switching-table>
  <mac-table-entry>
    <mac-vlan>
      mac-vlan
    </mac-vlan>
    <mac-vlan-tag>
      mac-vlan-tag
    </mac-vlan-tag>
    <mac-address>
      mac-address
    </mac-address>
    <mac-interface>
      mac-interface
    </mac-interface>
    <mac-type>
      mac-type
    </mac-type>
    <mac-age>
      mac-age
    </mac-age>
    <mac-interfaces-list>....</mac-interfaces-list>
    <mac-entry-flags>
      mac-entry-flags
    </mac-entry-flags>
    <mac-learned-time>
      mac-learned-time
    </mac-learned-time>
    <mac-nexthop>
      mac-nexthop
    </mac-nexthop>
    <mac-table-total-count>
      mac-table-total-count
    </mac-table-total-count>
    <mac-table-unknown-unicast-count>
      mac-table-unknown-unicast-count
    </mac-table-unknown-unicast-count>
    <mac-table-dot1x-count>
      mac-table-dot1x-count
    </mac-table-dot1x-count>
    <mac-table-dynamic-count>
      mac-table-dynamic-count
    </mac-table-dynamic-count>
    <mac-table-static-count>
      mac-table-static-count
    </mac-table-static-count>
    <mac-table-flood-count>
      mac-table-flood-count
    </mac-table-flood-count>
    <mac-table-derived-count>
      mac-table-derived-count
    </mac-table-derived-count>
    <mac-table-incomplete-count>

```

```
        mac-table-incomplete-count
      </mac-table-incomplete-count>
      <mac-table-recieve-count>
        mac-table-recieve-count
      </mac-table-recieve-count>
    </mac-table-entry>
  </ethernet-switching-table>
```

Description MAC table

<mac-table-entry>

Usage

```
<ethernet-switching-table-information>
<ethernet-switching-table>
  <mac-table-entry>
    <mac-vlan>
      mac-vlan
    </mac-vlan>
    <mac-vlan-tag>
      mac-vlan-tag
    </mac-vlan-tag>
    <mac-address>
      mac-address
    </mac-address>
    <mac-interface>
      mac-interface
    </mac-interface>
    <mac-type>
      mac-type
    </mac-type>
    <mac-age>
      mac-age
    </mac-age>
    <mac-interfaces-list>....</mac-interfaces-list>
    <mac-entry-flags>
      mac-entry-flags
    </mac-entry-flags>
    <mac-learned-time>
      mac-learned-time
    </mac-learned-time>
    <mac-nexthop>
      mac-nexthop
    </mac-nexthop>
    <mac-table-total-count>
      mac-table-total-count
    </mac-table-total-count>
    <mac-table-unknown-unicast-count>
      mac-table-unknown-unicast-count
    </mac-table-unknown-unicast-count>
    <mac-table-dot1x-count>
      mac-table-dot1x-count
    </mac-table-dot1x-count>
    <mac-table-dynamic-count>
```

```

        mac-table-dynamic-count
      </mac-table-dynamic-count>
      <mac-table-static-count>
        mac-table-static-count
      </mac-table-static-count>
      <mac-table-flood-count>
        mac-table-flood-count
      </mac-table-flood-count>
      <mac-table-derived-count>
        mac-table-derived-count
      </mac-table-derived-count>
      <mac-table-incomplete-count>
        mac-table-incomplete-count
      </mac-table-incomplete-count>
      <mac-table-recieve-count>
        mac-table-recieve-count
      </mac-table-recieve-count>
    </mac-table-entry>
  </ethernet-switching-table>
</ethernet-switching-table-information>

```

Description MAC table

<msti-bridge-parameters>

Usage

```

<msti-bridge-parameters>
  <msti-id>
    msti-id
  </msti-id>
  <msti-regional-root-bridge>....</msti-regional-root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <maximum-hop-count-configured>
    maximum-hop-count-configured
  </maximum-hop-count-configured>
  <hop-count>
    hop-count
  </hop-count>
  <time-since-last-tc>....</time-since-last-tc>
  <topology-change-count>

```

```
    topology-change-count
  </topology-change-count>
  <topology-change-initiator>
    topology-change-initiator
  </topology-change-initiator>
  <topology-change-last-received-from>
    topology-change-last-received-from
  </topology-change-last-received-from>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <internal-instance-id>
    internal-instance-id
  </internal-instance-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>
  <max-age-configured>
    max-age-configured
  </max-age-configured>
  <forward-delay-configured>
    forward-delay-configured
  </forward-delay-configured>
  <time-since-last-topology-change>
    time-since-last-topology-change
  </time-since-last-topology-change>
  <path-cost-method>
    path-cost-method
  </path-cost-method>
</msti-bridge-parameters>
```

Description STP bridge parameters for multiple spanning tree instances

<msti-bridge-parameters>

Usage

```
<stp-bridge>
  <msti-bridge-parameters>
    <msti-id>
      msti-id
    </msti-id>
    <msti-regional-root-bridge>....</msti-regional-root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
```

```

</max-age-learned>
<forward-delay-learned>
  forward-delay-learned
</forward-delay-learned>
<maximum-hop-count-configured>
  maximum-hop-count-configured
</maximum-hop-count-configured>
<hop-count>
  hop-count
</hop-count>
<time-since-last-tc>....</time-since-last-tc>
<topology-change-count>
  topology-change-count
</topology-change-count>
<topology-change-initiator>
  topology-change-initiator
</topology-change-initiator>
<topology-change-last-received-from>
  topology-change-last-received-from
</topology-change-last-received-from>
<extended-system-id>
  extended-system-id
</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<time-since-last-topology-change>
  time-since-last-topology-change
</time-since-last-topology-change>
<path-cost-method>
  path-cost-method
</path-cost-method>
</msti-bridge-parameters>
</stp-bridge>

```

Description STP bridge parameters for multiple spanning tree instances

<msti-regional-root-bridge>

Usage

```

<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority

```

```
</bridge-priority>
<bridge-mac>
  bridge-mac
</bridge-mac>
</msti-regional-root-bridge>
</msti-bridge-parameters>
```

Description MSTI regional root identifier

<msti-regional-root-bridge>

Usage

```
<stp-bridge>
<msti-bridge-parameters>
  <msti-regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </msti-regional-root-bridge>
</msti-bridge-parameters>
</stp-bridge>
```

Description MSTI regional root identifier

<mstp-configuration>

Usage

```
<mstp-configuration>
<context-id>
  context-id
</context-id>
<mstp-name>
  mstp-name
</mstp-name>
<mstp-revision>
  mstp-revision
</mstp-revision>
<mstp-configuration-digest>
  mstp-configuration-digest
</mstp-configuration-digest>
<vlan-map>....</vlan-map>
</mstp-configuration>
```

Description MSTP information

<mvrp>**Usage**

```

<mvrp>
  <mvrp-information>....</mvrp-information>
  <mvrp-vlans>....</mvrp-vlans>
  <mvrp-dynamic-vlan-information>....</mvrp-dynamic-vlan-information>
  <mvrp-statistics>....</mvrp-statistics>
</mvrp>

```

Description**<mvrp-dynamic-vlan-information>****Usage**

```

<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-vmember-vlanname>
      mvrp-vmember-vlanname
    </mvrp-vmember-vlanname>
    <mvrp-dynamic-vmembers>....</mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>
</mvrp>

```

Description**<mvrp-dynamic-vmember-information>****Usage**

```

<mvrp>
  <mvrp-vlans>
    <mvrp-dynamic-vmember-information>
      <mvrp-vmember-name>
        mvrp-vmember-name
      </mvrp-vmember-name>
    </mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>

```

Description**<mvrp-dynamic-vmembers>****Usage**

```

<mvrp>
  <mvrp-dynamic-vlan-information>
    <mvrp-dynamic-vmembers>
      <mvrp-vmember-interface>
        mvrp-vmember-interface
      </mvrp-vmember-interface>
    </mvrp-dynamic-vmembers>
  </mvrp-dynamic-vlan-information>

```

```
</mvrp>
```

Description

<mvrp-information>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-status>
      mvrp-status
    </mvrp-status>
    <mvrp-dynamic-vlan>
      mvrp-dynamic-vlan
    </mvrp-dynamic-vlan>
    <mvrp-intf-timers>....</mvrp-intf-timers>
    <mvrp-interface-information>....</mvrp-interface-information>
  </mvrp-information>
</mvrp>
```

Description

<mvrp-interface-information>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-interface-information>
      <mvrp-interface-name>
        mvrp-interface-name
      </mvrp-interface-name>
      <mvrp-interface-status>
        mvrp-interface-status
      </mvrp-interface-status>
      <mvrp-interface-reg-ctrl>
        mvrp-interface-reg-ctrl
      </mvrp-interface-reg-ctrl>
    </mvrp-interface-information>
  </mvrp-information>
</mvrp>
```

Description

<mvrp-intf-timers>

Usage

```
<mvrp>
  <mvrp-information>
    <mvrp-intf-timers>
      <mvrp-tmr-intf>
        mvrp-tmr-intf
      </mvrp-tmr-intf>
      <mvrp-tmr-join>
        mvrp-tmr-join
      </mvrp-tmr-join>
    </mvrp-intf-timers>
  </mvrp-information>
</mvrp>
```



```

</mvrp-tmr-join>
<mvrp-tmr-leave>
  mvrp-tmr-leave
</mvrp-tmr-leave>
<mvrp-tmr-leaveall>
  mvrp-tmr-leaveall
</mvrp-tmr-leaveall>
</mvrp-intf-timers>
</mvrp-information>
</mvrp>

```

Description

<mvrp-statistics>

Usage

```

<mvrp>
  <mvrp-statistics>
    <mvrp-statistics-interface-name>
      mvrp-statistics-interface-name
    </mvrp-statistics-interface-name>
    <mrpdu-received>
      mrpdu-received
    </mrpdu-received>
    <mrp-invalid-received>
      mrp-invalid-received
    </mrp-invalid-received>
    <mrp-new-received>
      mrp-new-received
    </mrp-new-received>
    <mrp-join-empty-received>
      mrp-join-empty-received
    </mrp-join-empty-received>
    <mrp-join-in-received>
      mrp-join-in-received
    </mrp-join-in-received>
    <mrp-empty-received>
      mrp-empty-received
    </mrp-empty-received>
    <mrp-in-received>
      mrp-in-received
    </mrp-in-received>
    <mrp-leave-received>
      mrp-leave-received
    </mrp-leave-received>
    <mrp-leaveall-received>
      mrp-leaveall-received
    </mrp-leaveall-received>
    <mrpdu-transmit>
      mrpdu-transmit
    </mrpdu-transmit>
    <mrpdu-tx-fail>
      mrpdu-tx-fail
    </mrpdu-tx-fail>
    <mrp-new-transmit>

```

```
    mrp-new-transmit
  </mrp-new-transmit>
  <mrp-join-empty-transmit>
    mrp-join-empty-transmit
  </mrp-join-empty-transmit>
  <mrp-join-in-transmit>
    mrp-join-in-transmit
  </mrp-join-in-transmit>
  <mrp-empty-transmit>
    mrp-empty-transmit
  </mrp-empty-transmit>
  <mrp-in-transmit>
    mrp-in-transmit
  </mrp-in-transmit>
  <mrp-leave-transmit>
    mrp-leave-transmit
  </mrp-leave-transmit>
  <mrp-leaveall-transmit>
    mrp-leaveall-transmit
  </mrp-leaveall-transmit>
</mvrp-statistics>
</mvrp>
```

Description

<mvrp-vlans>

Usage

```
<mvrp>
  <mvrp-vlans>
    <mvrp-vlan-id>
      mvrp-vlan-id
    </mvrp-vlan-id>

    <mvrp-dynamic-vmember-information>....</mvrp-dynamic-vmember-information>
  </mvrp-vlans>
</mvrp>
```

Description

<nh-detail-interface-list>

Usage

```
<nh-detail-interface-list>
  <nh-detail-next-hop-index>
    nh-detail-next-hop-index
  </nh-detail-next-hop-index>
  <nh-detail-interface-name>
    nh-detail-interface-name
  </nh-detail-interface-name>
  <nh-detail-tag-string>
    nh-detail-tag-string
  </nh-detail-tag-string>
```

```
</nh-detail-interface-list>
```

Description

<nh-detail-interface-list>

Usage

```
<ethernet-switching-next-hops>
  <nh-detail-interface-list>
    <nh-detail-next-hop-index>
      nh-detail-next-hop-index
    </nh-detail-next-hop-index>
    <nh-detail-interface-name>
      nh-detail-interface-name
    </nh-detail-interface-name>
    <nh-detail-tag-string>
      nh-detail-tag-string
    </nh-detail-tag-string>
  </nh-detail-interface-list>
</ethernet-switching-next-hops>
```

Description

<nh-detail-interface-list>

Usage

```
<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-detail-interface-list>
      <nh-detail-next-hop-index>
        nh-detail-next-hop-index
      </nh-detail-next-hop-index>
      <nh-detail-interface-name>
        nh-detail-interface-name
      </nh-detail-interface-name>
      <nh-detail-tag-string>
        nh-detail-tag-string
      </nh-detail-tag-string>
    </nh-detail-interface-list>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<nh-fdb-entry>

Usage

```
<nh-fdb-entry>
  <nh-mac-vlan>
    nh-mac-vlan
  </nh-mac-vlan>
  <nh-mac-address>
    nh-mac-address
  </nh-mac-address>
```

</nh-fdb-entry>

Description

<nh-fdb-entry>

Usage

```
<ethernet-switching-next-hops>
  <nh-fdb-entry>
    <nh-mac-vlan>
      nh-mac-vlan
    </nh-mac-vlan>
    <nh-mac-address>
      nh-mac-address
    </nh-mac-address>
  </nh-fdb-entry>
</ethernet-switching-next-hops>
```

Description

<nh-fdb-entry>

Usage

```
<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-fdb-entry>
      <nh-mac-vlan>
        nh-mac-vlan
      </nh-mac-vlan>
      <nh-mac-address>
        nh-mac-address
      </nh-mac-address>
    </nh-fdb-entry>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>
```

Description

<nh-interface-list>

Usage

```
<nh-interface-list>
  <nh-interface-name>
    nh-interface-name
  </nh-interface-name>
</nh-interface-list>
```

Description

<nh-interface-list>

Usage

```
<ethernet-switching-next-hops>
```

```

<nh-interface-list>
  <nh-interface-name>
    nh-interface-name
  </nh-interface-name>
</nh-interface-list>
</ethernet-switching-next-hops>

```

Description

<nh-interface-list>

Usage

```

<ethernet-switching-next-hop-information>
  <ethernet-switching-next-hops>
    <nh-interface-list>
      <nh-interface-name>
        nh-interface-name
      </nh-interface-name>
    </nh-interface-list>
  </ethernet-switching-next-hops>
</ethernet-switching-next-hop-information>

```

Description

<policy-vlan-member-list>

Usage

```

<policy-vlan-member-list>
  <policy-vlan-member>
    policy-vlan-member
  </policy-vlan-member>
</policy-vlan-member-list>

```

Description

<policy-vlan-member-list>

Usage

```

<vlan>
  <vlan-detail>
    <policy-vlan-member-list>
      <policy-vlan-member>
        policy-vlan-member
      </policy-vlan-member>
    </policy-vlan-member-list>
  </vlan-detail>
</vlan>

```

Description

<policy-vlan-member-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <policy-vlan-member-list>
        <policy-vlan-member>
          policy-vlan-member
        </policy-vlan-member>
      </policy-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<private-vlan-community-list>

Usage

```
<private-vlan-community-list>
  <community-vlan>
    community-vlan
  </community-vlan>
</private-vlan-community-list>
```

Description

<private-vlan-community-list>

Usage

```
<vlan>
  <vlan-detail>
    <private-vlan-community-list>
      <community-vlan>
        community-vlan
      </community-vlan>
    </private-vlan-community-list>
  </vlan-detail>
</vlan>
```

Description

<private-vlan-community-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-community-list>
        <community-vlan>
          community-vlan
        </community-vlan>
      </private-vlan-community-list>
    </vlan-detail>
  </vlan>
```

```

    </private-vlan-community-list>
  </vlan-detail>
</vlan>
</vlan-information>

```

Description

<private-vlan-isolated-list>

Usage

```

<private-vlan-isolated-list>
  <isolated-vlan>
    isolated-vlan
  </isolated-vlan>
</private-vlan-isolated-list>

```

Description

<private-vlan-isolated-list>

Usage

```

<vlan>
  <vlan-detail>
    <private-vlan-isolated-list>
      <isolated-vlan>
        isolated-vlan
      </isolated-vlan>
    </private-vlan-isolated-list>
  </vlan-detail>
</vlan>

```

Description

<private-vlan-isolated-list>

Usage

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-isolated-list>
        <isolated-vlan>
          isolated-vlan
        </isolated-vlan>
      </private-vlan-isolated-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

Description

<private-vlan-secondary-list>

Usage

```
<private-vlan-secondary-list>
  <secondary-vlan>
    secondary-vlan
  </secondary-vlan>
</private-vlan-secondary-list>
```

Description

<private-vlan-secondary-list>

Usage

```
<vlan>
  <vlan-detail>
    <private-vlan-secondary-list>
      <secondary-vlan>
        secondary-vlan
      </secondary-vlan>
    </private-vlan-secondary-list>
  </vlan-detail>
</vlan>
```

Description

<private-vlan-secondary-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <private-vlan-secondary-list>
        <secondary-vlan>
          secondary-vlan
        </secondary-vlan>
      </private-vlan-secondary-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<push-vlan-member-list>

Usage

```
<push-vlan-member-list>
  <push-vlan-member>
    push-vlan-member
  </push-vlan-member>
</push-vlan-member-list>
```


Description**<push-vlan-member-list>****Usage**

```

<vlan>
  <vlan-detail>
    <push-vlan-member-list>
      <push-vlan-member>
        push-vlan-member
      </push-vlan-member>
    </push-vlan-member-list>
  </vlan-detail>
</vlan>

```

Description**<push-vlan-member-list>****Usage**

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <push-vlan-member-list>
        <push-vlan-member>
          push-vlan-member
        </push-vlan-member>
      </push-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

Description**<regional-root-bridge>****Usage**

```

<cist-bridge-parameters>
  <regional-root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </regional-root-bridge>
</cist-bridge-parameters>

```

Description CIST regional root bridge identifier

<regional-root-bridge>

Usage

```
<stp-bridge>
  <cist-bridge-parameters>
    <regional-root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </regional-root-bridge>
  </cist-bridge-parameters>
</stp-bridge>
```

Description CIST regional root bridge identifier

<root-bridge>

Usage

```
<cist-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</cist-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>

Usage

```
<vst-bridge-parameters>
  <root-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </root-bridge>
</vst-bridge-parameters>
```

Description Root bridge identifier

<root-bridge>**Usage**

```

<stp-bridge>
  <cist-bridge-parameters>
    <root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </root-bridge>
  </cist-bridge-parameters>
</stp-bridge>

```

Description Root bridge identifier

<root-bridge>**Usage**

```

<stp-bridge>
  <vst-bridge-parameters>
    <root-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </root-bridge>
  </vst-bridge-parameters>
</stp-bridge>

```

Description Root bridge identifier

<rtg>**Usage**

```

<rtg>
  <rtg-information>....</rtg-information>
  <rtg-information-pergrp>....</rtg-information-pergrp>
  <rtg-information-pergrp-err>....</rtg-information-pergrp-err>
</rtg>

```

Description

<rtg-information>**Usage**

```

<rtg>
  <rtg-information>

```

```
<rtg-group-name>
  rtg-group-name
</rtg-group-name>
<rtg-first-interface-name>
  rtg-first-interface-name
</rtg-first-interface-name>
<rtg-second-interface-name>
  rtg-second-interface-name
</rtg-second-interface-name>
<rtg-first-interface-state>
  rtg-first-interface-state
</rtg-first-interface-state>
<rtg-second-interface-state>
  rtg-second-interface-state
</rtg-second-interface-state>
<rtg-first-interface-timeoflastflap>
  rtg-first-interface-timeoflastflap
</rtg-first-interface-timeoflastflap>
<rtg-second-interface-timeoflastflap>
  rtg-second-interface-timeoflastflap
</rtg-second-interface-timeoflastflap>
<rtg-first-interface-flaps>
  rtg-first-interface-flaps
</rtg-first-interface-flaps>
<rtg-second-interface-flaps>
  rtg-second-interface-flaps
</rtg-second-interface-flaps>
<rtg-first-interface-bandwidth>
  rtg-first-interface-bandwidth
</rtg-first-interface-bandwidth>
<rtg-second-interface-bandwidth>
  rtg-second-interface-bandwidth
</rtg-second-interface-bandwidth>
</rtg-information>
</rtg>
```

Description

<rtg-information-pergrp>

Usage

```
<rtg>
  <rtg-information-pergrp>
    <rtg-first-interface-name>
      rtg-first-interface-name
    </rtg-first-interface-name>
    <rtg-first-interface-state>
      rtg-first-interface-state
    </rtg-first-interface-state>
    <rtg-first-interface-bandwidth>
      rtg-first-interface-bandwidth
    </rtg-first-interface-bandwidth>
    <rtg-first-interface-timeoflastflap>
      rtg-first-interface-timeoflastflap
    </rtg-first-interface-timeoflastflap>
```

```

<rtg-first-interface-flaps>
  rtg-first-interface-flaps
</rtg-first-interface-flaps>
<rtg-second-interface-name>
  rtg-second-interface-name
</rtg-second-interface-name>
<rtg-second-interface-state>
  rtg-second-interface-state
</rtg-second-interface-state>
<rtg-second-interface-timeoflastflap>
  rtg-second-interface-timeoflastflap
</rtg-second-interface-timeoflastflap>
<rtg-second-interface-flaps>
  rtg-second-interface-flaps
</rtg-second-interface-flaps>
<rtg-second-interface-bandwidth>
  rtg-second-interface-bandwidth
</rtg-second-interface-bandwidth>
<rtg-group-description>
  rtg-group-description
</rtg-group-description>
</rtg-information-pergrp>
</rtg>

```

Description

<rtg-information-pergrp-err>

Usage

```

<rtg>
  <rtg-information-pergrp-err>
    <rtg-group-name>
      rtg-group-name
    </rtg-group-name>
  </rtg-information-pergrp-err>
</rtg>

```

Description

<stp-bridge>

Usage

```

<stp-bridge>
  <context-id>
    context-id
  </context-id>
  <protocol>
    protocol
  </protocol>
  <cist-bridge-parameters>....</cist-bridge-parameters>
  <msti-bridge-parameters>....</msti-bridge-parameters>
  <vst-bridge-parameters>....</vst-bridge-parameters>
</stp-bridge>

```

Description Information about STP bridge parameters

<stp-context-statistics-information>

Usage

```
<stp-context-statistics-information>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <vstp-statistics>....</vstp-statistics>
  <bpdus-sent-5seconds>
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
</stp-context-statistics-information>
```

Description Spanning Tree Protocol statistics

<stp-instance>

Usage

```
<stp-interface-information>
  <stp-instance>
    <instance-id>
      instance-id
    </instance-id>
    <vlan-id>
      vlan-id
    </vlan-id>
    <stp-interfaces>....</stp-interfaces>
  </stp-instance>
</stp-interface-information>
```

Description

<stp-interface-entry>

Usage

```
<stp-interface-entry>
  <interface-name>
    interface-name
  </interface-name>
  <port-priority>
    port-priority
  </port-priority>
```

```

<port-number>
  port-number
</port-number>
<designated-port-priority>
  designated-port-priority
</designated-port-priority>
<designated-port-number>
  designated-port-number
</designated-port-number>
<port-cost>
  port-cost
</port-cost>
<port-state>
  port-state
</port-state>
<designated-bridge-priority>
  designated-bridge-priority
</designated-bridge-priority>
<designated-bridge-mac>
  designated-bridge-mac
</designated-bridge-mac>
<port-role>
  port-role
</port-role>
<link-type>
  link-type
</link-type>
<port-migrated-protocol>
  port-migrated-protocol
</port-migrated-protocol>
<boundary-port>
  boundary-port
</boundary-port>
<edge-delay-while-expiry-count>
  edge-delay-while-expiry-count
</edge-delay-while-expiry-count>
<rcvd-info-while-expiry-count>
  rcvd-info-while-expiry-count
</rcvd-info-while-expiry-count>
</stp-interface-entry>

```

Description Information about Spanning Tree Protocol interface

<stp-interface-entry>

Usage

```

<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>
        <interface-name>
          interface-name
        </interface-name>
        <port-priority>

```

```
    port-priority
  </port-priority>
  <port-number>
    port-number
  </port-number>
  <designated-port-priority>
    designated-port-priority
  </designated-port-priority>
  <designated-port-number>
    designated-port-number
  </designated-port-number>
  <port-cost>
    port-cost
  </port-cost>
  <port-state>
    port-state
  </port-state>
  <designated-bridge-priority>
    designated-bridge-priority
  </designated-bridge-priority>
  <designated-bridge-mac>
    designated-bridge-mac
  </designated-bridge-mac>
  <port-role>
    port-role
  </port-role>
  <link-type>
    link-type
  </link-type>
  <port-migrated-protocol>
    port-migrated-protocol
  </port-migrated-protocol>
  <boundary-port>
    boundary-port
  </boundary-port>
  <edge-delay-while-expiry-count>
    edge-delay-while-expiry-count
  </edge-delay-while-expiry-count>
  <rcvd-info-while-expiry-count>
    rcvd-info-while-expiry-count
  </rcvd-info-while-expiry-count>
</stp-interface-entry>
</stp-interfaces>
</stp-instance>
</stp-interface-information>
```

Description Information about Spanning Tree Protocol interface

<stp-interface-information>

Usage

```
<stp-interface-information>
<stp-instance>....</stp-instance>
```



```
</stp-interface-information>
```

Description Information about STP interfaces or instances

<stp-interface-statistics>

Usage

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
  <vstp-interface-statistics>....</vstp-interface-statistics>
</stp-interface-statistics>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics-entry>
  <interface-name>
    interface-name
  </interface-name>
  <total-bpdu-sent>
    total-bpdu-sent
  </total-bpdu-sent>
  <total-bpdu-received>
    total-bpdu-received
  </total-bpdu-received>
  <next-bpdu-time>
    next-bpdu-time
  </next-bpdu-time>
</stp-interface-statistics-entry>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdu-sent>
      total-bpdu-sent
    </total-bpdu-sent>
    <total-bpdu-received>
      total-bpdu-received
    </total-bpdu-received>
    <next-bpdu-time>
      next-bpdu-time
    </next-bpdu-time>
```

```
</stp-interface-statistics-entry>
</stp-interface-statistics>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-interface-statistics>
  <vstp-interface-statistics>
    <stp-interface-statistics-entry>
      <interface-name>
        interface-name
      </interface-name>
      <total-bpdus-sent>
        total-bpdus-sent
      </total-bpdus-sent>
      <total-bpdus-received>
        total-bpdus-received
      </total-bpdus-received>
      <next-bpdu-time>
        next-bpdu-time
      </next-bpdu-time>
    </stp-interface-statistics-entry>
  </vstp-interface-statistics>
</stp-interface-statistics>
```

Description STP interface statistics

<stp-interface-statistics-entry>

Usage

```
<stp-vlan-interface-statistics>
  <stp-interface-statistics-entry>
    <interface-name>
      interface-name
    </interface-name>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <next-bpdu-time>
      next-bpdu-time
    </next-bpdu-time>
  </stp-interface-statistics-entry>
</stp-vlan-interface-statistics>
```

Description STP interface statistics

<stp-interfaces>

Usage

```

<stp-interface-information>
  <stp-instance>
    <stp-interfaces>
      <stp-interface-entry>....</stp-interface-entry>
    </stp-interfaces>
  </stp-instance>
</stp-interface-information>

```

Description Information about STP interfaces

<stp-kernel-table>

Usage

```

<stp-kernel-table>
  <stp-kernel-table-entry>....</stp-kernel-table-entry>
</stp-kernel-table>

```

Description STP kernel table information

<stp-kernel-table-entry>

Usage

```

<stp-kernel-table>
  <stp-kernel-table-entry>
    <stp-index>
      stp-index
    </stp-index>
    <kernel-if-name>
      kernel-if-name
    </kernel-if-name>
    <kernel-stp-instance>
      kernel-stp-instance
    </kernel-stp-instance>
    <kernel-state>
      kernel-state
    </kernel-state>
    <kernel-action>
      kernel-action
    </kernel-action>
    <epoch>
      epoch
    </epoch>
    <hardware-learning>
      hardware-learning
    </hardware-learning>
  </stp-kernel-table-entry>
</stp-kernel-table>

```

Description**<stp-vlan-interface-statistics>****Usage**

```
<stp-vlan-interface-statistics>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
</stp-vlan-interface-statistics>
```

Description Statistics information about VLAN STP interfaces

<swap-vlan-member-list>**Usage**

```
<swap-vlan-member-list>
  <swap-vlan-member>
    swap-vlan-member
  </swap-vlan-member>
</swap-vlan-member-list>
```

Description**<swap-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <swap-vlan-member-list>
      <swap-vlan-member>
        swap-vlan-member
      </swap-vlan-member>
    </swap-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<swap-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <swap-vlan-member-list>
        <swap-vlan-member>
          swap-vlan-member
        </swap-vlan-member>
      </swap-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description**<switching-interface-information>****Usage**

```
<switching-interface-information>
  <interface>.....</interface>
</switching-interface-information>
```

Description Operational information about Ethernet-switching interfaces

<tagged-vlan-member-list>**Usage**

```
<tagged-vlan-member-list>
  <tagged-vlan-member>
    tagged-vlan-member
  </tagged-vlan-member>
</tagged-vlan-member-list>
```

Description**<tagged-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <tagged-vlan-member-list>
      <tagged-vlan-member>
        tagged-vlan-member
      </tagged-vlan-member>
    </tagged-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<tagged-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <tagged-vlan-member-list>
        <tagged-vlan-member>
          tagged-vlan-member
        </tagged-vlan-member>
      </tagged-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description**<task>****Usage**

```
<task-timer-information>
  <task>
    <task-name>
      task-name
    </task-name>
    <task-timer>....</task-timer>
  </task>
</task-timer-information>
```

Description**<task-block>****Usage**

```
<task-block-list>
  <task-block>
    <tb-name>
      tb-name
    </tb-name>
    <tb-size>
      tb-size
    </tb-size>
    <tb-alloc-size>
      tb-alloc-size
    </tb-alloc-size>
    <tb-terse-transient>
      tb-terse-transient
    </tb-terse-transient>
    <tb-terse-fullpage>
      tb-terse-fullpage
    </tb-terse-fullpage>
    <tb-terse-debug>
      tb-terse-debug
    </tb-terse-debug>
    <tb-alloc-blocks>
      tb-alloc-blocks
    </tb-alloc-blocks>
    <tb-alloc-bytes>
      tb-alloc-bytes
    </tb-alloc-bytes>
    <tb-max-alloc-blocks>
      tb-max-alloc-blocks
    </tb-max-alloc-blocks>
    <tb-max-alloc-bytes>
      tb-max-alloc-bytes
    </tb-max-alloc-bytes>
  </task-block>
</task-block-list>
```

Description

<task-block>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>
        <tb-name>
          tb-name
        </tb-name>
        <tb-size>
          tb-size
        </tb-size>
        <tb-alloc-size>
          tb-alloc-size
        </tb-alloc-size>
        <tb-terse-transient>
          tb-terse-transient
        </tb-terse-transient>
        <tb-terse-fullpage>
          tb-terse-fullpage
        </tb-terse-fullpage>
        <tb-terse-debug>
          tb-terse-debug
        </tb-terse-debug>
        <tb-alloc-blocks>
          tb-alloc-blocks
        </tb-alloc-blocks>
        <tb-alloc-bytes>
          tb-alloc-bytes
        </tb-alloc-bytes>
        <tb-max-alloc-blocks>
          tb-max-alloc-blocks
        </tb-max-alloc-blocks>
        <tb-max-alloc-bytes>
          tb-max-alloc-bytes
        </tb-max-alloc-bytes>
      </task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-block-list>

Usage

```

<task-block-list>
  <task-block>....</task-block>
</task-block-list>

```

Description

<task-block-list>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>
      <task-block>....</task-block>
    </task-block-list>
  </task-memory-allocator-report>
</task-memory-information>
```

Description

<task-lite-page>

Usage

```
<task-lite-page-list>
  <task-lite-page>
    <tlp-name>
      tlp-name
    </tlp-name>
    <tlp-alloc-pages>
      tlp-alloc-pages
    </tlp-alloc-pages>
    <tlp-alloc-bytes>
      tlp-alloc-bytes
    </tlp-alloc-bytes>
    <tlp-max-alloc-pages>
      tlp-max-alloc-pages
    </tlp-max-alloc-pages>
    <tlp-max-alloc-bytes>
      tlp-max-alloc-bytes
    </tlp-max-alloc-bytes>
  </task-lite-page>
</task-lite-page-list>
```

Description

<task-lite-page>

Usage

```
<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>
        <tlp-name>
          tlp-name
        </tlp-name>
        <tlp-alloc-pages>
          tlp-alloc-pages
        </tlp-alloc-pages>
        <tlp-alloc-bytes>
          tlp-alloc-bytes
        </tlp-alloc-bytes>
      </task-lite-page>
    </task-lite-page-list>
```



```

<tlp-max-alloc-pages>
  tlp-max-alloc-pages
</tlp-max-alloc-pages>
<tlp-max-alloc-bytes>
  tlp-max-alloc-bytes
</tlp-max-alloc-bytes>
</task-lite-page>
</task-lite-page-list>
</task-memory-allocator-report>
</task-memory-information>

```

Description

<task-lite-page-list>

Usage

```

<task-lite-page-list>
  <task-lite-page>....</task-lite-page>
</task-lite-page-list>

```

Description

<task-lite-page-list>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-lite-page-list>
      <task-lite-page>....</task-lite-page>
    </task-lite-page-list>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-malloc>

Usage

```

<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes

```

```
</tm-max-alloc-bytes>
<tm-function-calls>
  tm-function-calls
</tm-function-calls>
</task-malloc>
</task-malloc-list>
```

Description

<task-malloc>

Usage

```
<task-memory-information>
<task-memory-malloc-usage-report>
<task-malloc-list>
  <task-malloc>
    <tm-name>
      tm-name
    </tm-name>
    <tm-allocs>
      tm-allocs
    </tm-allocs>
    <tm-alloc-bytes>
      tm-alloc-bytes
    </tm-alloc-bytes>
    <tm-max-allocs>
      tm-max-allocs
    </tm-max-allocs>
    <tm-max-alloc-bytes>
      tm-max-alloc-bytes
    </tm-max-alloc-bytes>
    <tm-function-calls>
      tm-function-calls
    </tm-function-calls>
  </task-malloc>
</task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-malloc-list>

Usage

```
<task-malloc-list>
  <task-malloc>....</task-malloc>
</task-malloc-list>
```

Description

<task-malloc-list>

Usage

```
<task-memory-information>
```

```

<task-memory-malloc-usage-report>
  <task-malloc-list>
    <task-malloc>....</task-malloc>
  </task-malloc-list>
</task-memory-malloc-usage-report>
</task-memory-information>

```

Description

<task-memory-allocator-report>

Usage

```

<task-memory-information>
  <task-memory-allocator-report>
    <task-block-list>....</task-block-list>
    <task-lite-page-list>....</task-lite-page-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-allocator-report>
</task-memory-information>

```

Description

<task-memory-information>

Usage

```

<task-memory-information>
  <task-memory-in-use-size>
    task-memory-in-use-size
  </task-memory-in-use-size>
  <task-memory-in-use-avail>
    task-memory-in-use-avail
  </task-memory-in-use-avail>
  <task-memory-max-size>
    task-memory-max-size
  </task-memory-max-size>
  <task-memory-max-avail>
    task-memory-max-avail
  </task-memory-max-avail>
  <task-memory-max-when>
    task-memory-max-when
  </task-memory-max-when>
  <task-memory-free-size>
    task-memory-free-size
  </task-memory-free-size>
  <task-memory-overall-report>....</task-memory-overall-report>
  <task-memory-allocator-report>....</task-memory-allocator-report>
  <task-memory-malloc-usage-report>....</task-memory-malloc-usage-report>
  <task-memory-dynamic-allocs>
    task-memory-dynamic-allocs

```

```
</task-memory-dynamic-allocs>
<task-memory-max-dynamic-allocs>
  task-memory-max-dynamic-allocs
</task-memory-max-dynamic-allocs>
<task-memory-bss-bytes>
  task-memory-bss-bytes
</task-memory-bss-bytes>
<task-memory-max-bss-bytes>
  task-memory-max-bss-bytes
</task-memory-max-bss-bytes>
<task-memory-page-data-bytes>
  task-memory-page-data-bytes
</task-memory-page-data-bytes>
<task-memory-max-page-data-bytes>
  task-memory-max-page-data-bytes
</task-memory-max-page-data-bytes>
<task-memory-dir-bytes>
  task-memory-dir-bytes
</task-memory-dir-bytes>
<task-memory-max-dir-bytes>
  task-memory-max-dir-bytes
</task-memory-max-dir-bytes>
<task-memory-total-bytes-in-use>
  task-memory-total-bytes-in-use
</task-memory-total-bytes-in-use>
<task-memory-total-bytes-percent>
  task-memory-total-bytes-percent
</task-memory-total-bytes-percent>
</task-memory-information>
```

Description

<task-memory-malloc-usage-report>

Usage

```
<task-memory-information>
  <task-memory-malloc-usage-report>
    <task-malloc-list>....</task-malloc-list>
    <task-memory-total-bytes>
      task-memory-total-bytes
    </task-memory-total-bytes>
    <task-memory-total-max-bytes>
      task-memory-total-max-bytes
    </task-memory-total-max-bytes>
  </task-memory-malloc-usage-report>
</task-memory-information>
```

Description

<task-memory-overall-report>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
```

```

<task-size-block-list>....</task-size-block-list>
<task-memory-stats-list>....</task-memory-stats-list>
<task-memory-total-bytes>
  task-memory-total-bytes
</task-memory-total-bytes>
<task-memory-total-max-bytes>
  task-memory-total-max-bytes
</task-memory-total-max-bytes>
<task-memory-total-free-bytes>
  task-memory-total-free-bytes
</task-memory-total-free-bytes>
</task-memory-overall-report>
</task-memory-information>

```

Description

<task-memory-stats>

Usage

```

<task-memory-stats>
  <tms-name>
    tms-name
  </tms-name>
  <tms-allocs>
    tms-allocs
  </tms-allocs>
  <tms-mallocs>
    tms-mallocs
  </tms-mallocs>
  <tms-alloc-bytes>
    tms-alloc-bytes
  </tms-alloc-bytes>
  <tms-max-allocs>
    tms-max-allocs
  </tms-max-allocs>
  <tms-max-bytes>
    tms-max-bytes
  </tms-max-bytes>
  <tms-free-bytes>
    tms-free-bytes
  </tms-free-bytes>
</task-memory-stats>

```

Description

<task-memory-stats>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>
        <tms-name>
          tms-name

```

```
</tms-name>
<tms-allocs>
  tms-allocs
</tms-allocs>
<tms-mallocs>
  tms-mallocs
</tms-mallocs>
<tms-alloc-bytes>
  tms-alloc-bytes
</tms-alloc-bytes>
<tms-max-allocs>
  tms-max-allocs
</tms-max-allocs>
<tms-max-bytes>
  tms-max-bytes
</tms-max-bytes>
<tms-free-bytes>
  tms-free-bytes
</tms-free-bytes>
</task-memory-stats>
</task-memory-stats-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-memory-stats-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-memory-stats-list>
      <task-memory-stats>....</task-memory-stats>
    </task-memory-stats-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-replication-state>

Usage

```
<task-replication-state>
  <task-gres-state>
    task-gres-state
  </task-gres-state>
  <task-re-mode>
    task-re-mode
  </task-re-mode>
</task-replication-state>
```

Description Current state of task replication

<task-size-block>

Usage

```

<task-size-block-list>
  <task-size-block>
    <tsb-size>
      tsb-size
    </tsb-size>
    <tsb-terse-transient>
      tsb-terse-transient
    </tsb-terse-transient>
    <tsb-terse-fullpage>
      tsb-terse-fullpage
    </tsb-terse-fullpage>
    <tsb-allocs>
      tsb-allocs
    </tsb-allocs>
    <tsb-mallocs>
      tsb-mallocs
    </tsb-mallocs>
    <tsb-alloc-bytes>
      tsb-alloc-bytes
    </tsb-alloc-bytes>
    <tsb-max-allocs>
      tsb-max-allocs
    </tsb-max-allocs>
    <tsb-max-bytes>
      tsb-max-bytes
    </tsb-max-bytes>
    <tsb-free-bytes>
      tsb-free-bytes
    </tsb-free-bytes>
  </task-size-block>
</task-size-block-list>

```

Description

<task-size-block>

Usage

```

<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>
        <tsb-size>
          tsb-size
        </tsb-size>
        <tsb-terse-transient>
          tsb-terse-transient
        </tsb-terse-transient>
        <tsb-terse-fullpage>
          tsb-terse-fullpage
        </tsb-terse-fullpage>
        <tsb-allocs>
          tsb-allocs

```

```
</tsb-allocs>
<tsb-mallocs>
  tsb-mallocs
</tsb-mallocs>
<tsb-alloc-bytes>
  tsb-alloc-bytes
</tsb-alloc-bytes>
<tsb-max-allocs>
  tsb-max-allocs
</tsb-max-allocs>
<tsb-max-bytes>
  tsb-max-bytes
</tsb-max-bytes>
<tsb-free-bytes>
  tsb-free-bytes
</tsb-free-bytes>
</task-size-block>
</task-size-block-list>
</task-memory-overall-report>
</task-memory-information>
```

Description

<task-size-block-list>

Usage

```
<task-size-block-list>
  <task-size-block>....</task-size-block>
</task-size-block-list>
```

Description

<task-size-block-list>

Usage

```
<task-memory-information>
  <task-memory-overall-report>
    <task-size-block-list>
      <task-size-block>....</task-size-block>
    </task-size-block-list>
  </task-memory-overall-report>
</task-memory-information>
```

Description

<task-timer>

Usage

```
<task-timer>
  <timer-name>
    timer-name
  </timer-name>
  <timer-late>
    timer-late
```



```

</timer-late>
<timer-expires>
  timer-expires
</timer-expires>
<timer-jitter>
  timer-jitter
</timer-jitter>
<timer-interval>
  timer-interval
</timer-interval>
<timer-flags>
  timer-flags
</timer-flags>
</task-timer>

```

Description

<task-timer>

Usage

```

<task-timer-information>
<task>
  <task-timer>
    <timer-name>
      timer-name
    </timer-name>
    <timer-late>
      timer-late
    </timer-late>
    <timer-expires>
      timer-expires
    </timer-expires>
    <timer-jitter>
      timer-jitter
    </timer-jitter>
    <timer-interval>
      timer-interval
    </timer-interval>
    <timer-flags>
      timer-flags
    </timer-flags>
  </task-timer>
</task>
</task-timer-information>

```

Description

<task-timer-information>

Usage

```

<task-timer-information>
<task>....</task>
</task-timer-information>

```

Description**<this-bridge>****Usage**

```
<cist-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</cist-bridge-parameters>
```

Description ID of bridge**<this-bridge>****Usage**

```
<vst-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</vst-bridge-parameters>
```

Description ID of bridge**<this-bridge>****Usage**

```
<msti-bridge-parameters>
  <this-bridge>
    <bridge-priority>
      bridge-priority
    </bridge-priority>
    <bridge-mac>
      bridge-mac
    </bridge-mac>
  </this-bridge>
</msti-bridge-parameters>
```

Description ID of bridge

<this-bridge>**Usage**

```

<stp-bridge>
  <cist-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </cist-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<this-bridge>**Usage**

```

<stp-bridge>
  <msti-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </msti-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<this-bridge>**Usage**

```

<stp-bridge>
  <vst-bridge-parameters>
    <this-bridge>
      <bridge-priority>
        bridge-priority
      </bridge-priority>
      <bridge-mac>
        bridge-mac
      </bridge-mac>
    </this-bridge>
  </vst-bridge-parameters>
</stp-bridge>

```

Description ID of bridge

<time-since-last-tc>

Usage

```
<msti-bridge-parameters>  
  <time-since-last-tc>  
</time-since-last-tc>  
</msti-bridge-parameters>
```

Description

<time-since-last-tc>

Usage

```
<stp-bridge>  
  <msti-bridge-parameters>  
    <time-since-last-tc>  
  </time-since-last-tc>  
  </msti-bridge-parameters>  
</stp-bridge>
```

Description

<tracing-information>

Usage

```
<tracing-information>  
  <flags>  
    flags  
  </flags>  
  <filename>  
    filename  
  </filename>  
  <filesize>  
    filesize  
  </filesize>  
  <filelimit>  
    filelimit  
  </filelimit>  
</tracing-information>
```

Description

<untagged-vlan-member-list>

Usage

```
<untagged-vlan-member-list>  
  <untagged-vlan-member>  
    untagged-vlan-member  
  </untagged-vlan-member>  
</untagged-vlan-member-list>
```

Description**<untagged-vlan-member-list>****Usage**

```
<vlan>
  <vlan-detail>
    <untagged-vlan-member-list>
      <untagged-vlan-member>
        untagged-vlan-member
      </untagged-vlan-member>
    </untagged-vlan-member-list>
  </vlan-detail>
</vlan>
```

Description**<untagged-vlan-member-list>****Usage**

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <untagged-vlan-member-list>
        <untagged-vlan-member>
          untagged-vlan-member
        </untagged-vlan-member>
      </untagged-vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description**<vlan>****Usage**

```
<vlan>
  <vlan-instance>
    vlan-instance
  </vlan-instance>
  <vlan-name>
    vlan-name
  </vlan-name>
  <vlan-index>
    vlan-index
  </vlan-index>
  <vlan-create-time>
    vlan-create-time
  </vlan-create-time>
  <vlan-description>
    vlan-description
  </vlan-description>
  <vlan-owner>
    vlan-owner
```

```
</vlan-owner>
<vlan-tag>
  vlan-tag
</vlan-tag>
<vlan-tag-string>
  vlan-tag-string
</vlan-tag-string>
<vlan-status>
  vlan-status
</vlan-status>
<dot1q-tunneling-mode>
  dot1q-tunneling-mode
</dot1q-tunneling-mode>
<layer2-protocol-tunneling-mode>
  layer2-protocol-tunneling-mode
</layer2-protocol-tunneling-mode>
<mac-learning-mode>
  mac-learning-mode
</mac-learning-mode>
<vlan-protocol-port>
  vlan-protocol-port
</vlan-protocol-port>
<vlan-l3-interface>
  vlan-l3-interface
</vlan-l3-interface>
<private-vlan-mode>
  private-vlan-mode
</private-vlan-mode>
<private-vlan-primary>
  private-vlan-primary
</private-vlan-primary>
<vlan-l3-interface-address>
  vlan-l3-interface-address
</vlan-l3-interface-address>
<vlan-l3-interface-ipv6-address>
  vlan-l3-interface-ipv6-address
</vlan-l3-interface-ipv6-address>
<vlan-l3-interface-addresses-ipv4>
  vlan-l3-interface-addresses-ipv4
</vlan-l3-interface-addresses-ipv4>
<vlan-l3-interface-addresses-ipv6>
  vlan-l3-interface-addresses-ipv6
</vlan-l3-interface-addresses-ipv6>
<vlan-members-upcount>
  vlan-members-upcount
</vlan-members-upcount>
<vlan-members-count>
  vlan-members-count
</vlan-members-count>
<customer-vlan-range-list>....</customer-vlan-range-list>
<vlan-detail>....</vlan-detail>
</vlan>
```

Description

<vlan>

Usage

```

<vlan-information>
  <vlan>
    <vlan-instance>
      vlan-instance
    </vlan-instance>
    <vlan-name>
      vlan-name
    </vlan-name>
    <vlan-index>
      vlan-index
    </vlan-index>
    <vlan-create-time>
      vlan-create-time
    </vlan-create-time>
    <vlan-description>
      vlan-description
    </vlan-description>
    <vlan-owner>
      vlan-owner
    </vlan-owner>
    <vlan-tag>
      vlan-tag
    </vlan-tag>
    <vlan-tag-string>
      vlan-tag-string
    </vlan-tag-string>
    <vlan-status>
      vlan-status
    </vlan-status>
    <dot1q-tunneling-mode>
      dot1q-tunneling-mode
    </dot1q-tunneling-mode>
    <layer2-protocol-tunneling-mode>
      layer2-protocol-tunneling-mode
    </layer2-protocol-tunneling-mode>
    <mac-learning-mode>
      mac-learning-mode
    </mac-learning-mode>
    <vlan-protocol-port>
      vlan-protocol-port
    </vlan-protocol-port>
    <vlan-l3-interface>
      vlan-l3-interface
    </vlan-l3-interface>
    <private-vlan-mode>
      private-vlan-mode
    </private-vlan-mode>
    <private-vlan-primary>
      private-vlan-primary
    </private-vlan-primary>
    <vlan-l3-interface-address>
      vlan-l3-interface-address

```

```
</vlan-l3-interface-address>
<vlan-l3-interface-ipv6-address>
  vlan-l3-interface-ipv6-address
</vlan-l3-interface-ipv6-address>
<vlan-l3-interface-addresses-ipv4>
  vlan-l3-interface-addresses-ipv4
</vlan-l3-interface-addresses-ipv4>
<vlan-l3-interface-addresses-ipv6>
  vlan-l3-interface-addresses-ipv6
</vlan-l3-interface-addresses-ipv6>
<vlan-members-upcount>
  vlan-members-upcount
</vlan-members-upcount>
<vlan-members-count>
  vlan-members-count
</vlan-members-count>
<customer-vlan-range-list>....</customer-vlan-range-list>
<vlan-detail>....</vlan-detail>
</vlan>
</vlan-information>
```

Description

<vlan-detail>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-hardware-token>
      vlan-hardware-token
    </vlan-hardware-token>
    <vlan-mac-aging-time>
      vlan-mac-aging-time
    </vlan-mac-aging-time>
    <vlan-tagged-members-count>
      vlan-tagged-members-count
    </vlan-tagged-members-count>
    <vlan-tagged-members-upcount>
      vlan-tagged-members-upcount
    </vlan-tagged-members-upcount>
    <vlan-untagged-members-count>
      vlan-untagged-members-count
    </vlan-untagged-members-count>
    <vlan-untagged-members-upcount>
      vlan-untagged-members-upcount
    </vlan-untagged-members-upcount>
    <secondary-vlan-count>
      secondary-vlan-count
    </secondary-vlan-count>
    <isolated-vlan-count>
      isolated-vlan-count
    </isolated-vlan-count>
    <community-vlan-count>
      community-vlan-count
    </community-vlan-count>
```



```

<isiv-vlan-count>
  isiv-vlan-count
</isiv-vlan-count>
<vlan-stp>
  vlan-stp
</vlan-stp>
<vlan-redundant-trunk-group>
  vlan-redundant-trunk-group
</vlan-redundant-trunk-group>
<vlan-unknown-unicast>
  vlan-unknown-unicast
</vlan-unknown-unicast>
<vlan-protocol-mac>
  vlan-protocol-mac
</vlan-protocol-mac>
<vlan-mac-entries-count>
  vlan-mac-entries-count
</vlan-mac-entries-count>
<untagged-vlan-member-list>....</untagged-vlan-member-list>
<tagged-vlan-member-list>....</tagged-vlan-member-list>
<mac-based-vlan-member-list>....</mac-based-vlan-member-list>
<push-vlan-member-list>....</push-vlan-member-list>
<policy-vlan-member-list>....</policy-vlan-member-list>
<swap-vlan-member-list>....</swap-vlan-member-list>
<vlan-member-list>....</vlan-member-list>
<vlan-mapping-summary>....</vlan-mapping-summary>
<vlan-mapping-list>....</vlan-mapping-list>
<private-vlan-isolated-list>....</private-vlan-isolated-list>
<private-vlan-community-list>....</private-vlan-community-list>
<isiv-vlan>
  isiv-vlan
</isiv-vlan>
<private-vlan-secondary-list>....</private-vlan-secondary-list>
</vlan-detail>
</vlan>

```

Description

<vlan-detail>

Usage

```

<vlan-information>
<vlan>
  <vlan-detail>
    <vlan-hardware-token>
      vlan-hardware-token
    </vlan-hardware-token>
    <vlan-mac-aging-time>
      vlan-mac-aging-time
    </vlan-mac-aging-time>
    <vlan-tagged-members-count>
      vlan-tagged-members-count
    </vlan-tagged-members-count>
    <vlan-tagged-members-upcount>
      vlan-tagged-members-upcount

```

```
</vlan-tagged-members-upcount>
<vlan-untagged-members-count>
  vlan-untagged-members-count
</vlan-untagged-members-count>
<vlan-untagged-members-upcount>
  vlan-untagged-members-upcount
</vlan-untagged-members-upcount>
<secondary-vlan-count>
  secondary-vlan-count
</secondary-vlan-count>
<isolated-vlan-count>
  isolated-vlan-count
</isolated-vlan-count>
<community-vlan-count>
  community-vlan-count
</community-vlan-count>
<isiv-vlan-count>
  isiv-vlan-count
</isiv-vlan-count>
<vlan-stp>
  vlan-stp
</vlan-stp>
<vlan-redundant-trunk-group>
  vlan-redundant-trunk-group
</vlan-redundant-trunk-group>
<vlan-unknown-unicast>
  vlan-unknown-unicast
</vlan-unknown-unicast>
<vlan-protocol-mac>
  vlan-protocol-mac
</vlan-protocol-mac>
<vlan-mac-entries-count>
  vlan-mac-entries-count
</vlan-mac-entries-count>
<untagged-vlan-member-list>....</untagged-vlan-member-list>
<tagged-vlan-member-list>....</tagged-vlan-member-list>
<mac-based-vlan-member-list>....</mac-based-vlan-member-list>
<push-vlan-member-list>....</push-vlan-member-list>
<policy-vlan-member-list>....</policy-vlan-member-list>
<swap-vlan-member-list>....</swap-vlan-member-list>
<vlan-member-list>....</vlan-member-list>
<vlan-mapping-summary>....</vlan-mapping-summary>
<vlan-mapping-list>....</vlan-mapping-list>
<private-vlan-isolated-list>....</private-vlan-isolated-list>
<private-vlan-community-list>....</private-vlan-community-list>
<isiv-vlan>
  isiv-vlan
</isiv-vlan>
  <private-vlan-secondary-list>....</private-vlan-secondary-list>
</vlan-detail>
</vlan>
</vlan-information>
```

Description

<vlan-information>

Usage

```
<vlan-information>
  <vlan-summary>....</vlan-summary>
  <vlan-terse>
    vlan-terse
  </vlan-terse>
  <vlan>....</vlan>
</vlan-information>
```

Description Operational VLAN information

<vlan-map>

Usage

```
<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>....</vlan-map-entry>
  </vlan-map>
</mstp-configuration>
```

Description

<vlan-map-entry>

Usage

```
<mstp-configuration>
  <vlan-map>
    <vlan-map-entry>
      <msti-id>
        msti-id
      </msti-id>
      <vlan-string>
        vlan-string
      </vlan-string>
    </vlan-map-entry>
  </vlan-map>
</mstp-configuration>
```

Description

<vlan-mapping-list>

Usage

```
<vlan-mapping-list>
  <vlan-mapping-rule>....</vlan-mapping-rule>
</vlan-mapping-list>
```

Description

<vlan-mapping-list>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-mapping-list>
      <vlan-mapping-rule>....</vlan-mapping-rule>
    </vlan-mapping-list>
  </vlan-detail>
</vlan>
```

Description

<vlan-mapping-list>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-list>
        <vlan-mapping-rule>....</vlan-mapping-rule>
      </vlan-mapping-list>
    </vlan-detail>
  </vlan>
</vlan-information>
```

Description

<vlan-mapping-rule>

Usage

```
<vlan-mapping-list>
  <vlan-mapping-rule>
    <vlan-mapping-interface>
      vlan-mapping-interface
    </vlan-mapping-interface>
    <vlan-mapping-tag>
      vlan-mapping-tag
    </vlan-mapping-tag>
    <vlan-mapping-operation>
      vlan-mapping-operation
    </vlan-mapping-operation>
  </vlan-mapping-rule>
</vlan-mapping-list>
```

Description

<vlan-mapping-rule>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-mapping-list>
```

```

<vlan-mapping-rule>
  <vlan-mapping-interface>
    vlan-mapping-interface
  </vlan-mapping-interface>
  <vlan-mapping-tag>
    vlan-mapping-tag
  </vlan-mapping-tag>
  <vlan-mapping-operation>
    vlan-mapping-operation
  </vlan-mapping-operation>
</vlan-mapping-rule>
</vlan-mapping-list>
</vlan-detail>
</vlan>

```

Description

<vlan-mapping-rule>

Usage

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-list>
        <vlan-mapping-rule>
          <vlan-mapping-interface>
            vlan-mapping-interface
          </vlan-mapping-interface>
          <vlan-mapping-tag>
            vlan-mapping-tag
          </vlan-mapping-tag>
          <vlan-mapping-operation>
            vlan-mapping-operation
          </vlan-mapping-operation>
        </vlan-mapping-rule>
      </vlan-mapping-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

Description

<vlan-mapping-summary>

Usage

```

<vlan-mapping-summary>
  <vlan-push-members-count>
    vlan-push-members-count
  </vlan-push-members-count>
  <vlan-push-members-upcount>
    vlan-push-members-upcount
  </vlan-push-members-upcount>
  <vlan-policy-members-count>
    vlan-policy-members-count

```

```
</vlan-policy-members-count>
<vlan-policy-members-upcount>
  vlan-policy-members-upcount
</vlan-policy-members-upcount>
<vlan-swap-members-count>
  vlan-swap-members-count
</vlan-swap-members-count>
<vlan-swap-members-upcount>
  vlan-swap-members-upcount
</vlan-swap-members-upcount>
</vlan-mapping-summary>
```

Description

<vlan-mapping-summary>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-mapping-summary>
      <vlan-push-members-count>
        vlan-push-members-count
      </vlan-push-members-count>
      <vlan-push-members-upcount>
        vlan-push-members-upcount
      </vlan-push-members-upcount>
      <vlan-policy-members-count>
        vlan-policy-members-count
      </vlan-policy-members-count>
      <vlan-policy-members-upcount>
        vlan-policy-members-upcount
      </vlan-policy-members-upcount>
      <vlan-swap-members-count>
        vlan-swap-members-count
      </vlan-swap-members-count>
      <vlan-swap-members-upcount>
        vlan-swap-members-upcount
      </vlan-swap-members-upcount>
    </vlan-mapping-summary>
  </vlan-detail>
</vlan>
```

Description

<vlan-mapping-summary>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-mapping-summary>
        <vlan-push-members-count>
          vlan-push-members-count
        </vlan-push-members-count>
```

```

    <vlan-push-members-upcount>
      vlan-push-members-upcount
    </vlan-push-members-upcount>
    <vlan-policy-members-count>
      vlan-policy-members-count
    </vlan-policy-members-count>
    <vlan-policy-members-upcount>
      vlan-policy-members-upcount
    </vlan-policy-members-upcount>
    <vlan-swap-members-count>
      vlan-swap-members-count
    </vlan-swap-members-count>
    <vlan-swap-members-upcount>
      vlan-swap-members-upcount
    </vlan-swap-members-upcount>
  </vlan-mapping-summary>
</vlan-detail>
</vlan>
</vlan-information>

```

Description

<vlan-member>

Usage

```

<vlan-member-list>
  <vlan-member>
    <vlan-member-interface>
      vlan-member-interface
    </vlan-member-interface>
    <vlan-member-tagness>
      vlan-member-tagness
    </vlan-member-tagness>
    <vlan-member-port-mode>
      vlan-member-port-mode
    </vlan-member-port-mode>
    <vlan-member-pvlan-trunk-mode>
      vlan-member-pvlan-trunk-mode
    </vlan-member-pvlan-trunk-mode>
    <vlan-membership-type>
      vlan-membership-type
    </vlan-membership-type>
    <vlan-protocol-mac-address>
      vlan-protocol-mac-address
    </vlan-protocol-mac-address>
    <vlan-mac-member-tagness>
      vlan-mac-member-tagness
    </vlan-mac-member-tagness>
  </vlan-member>
</vlan-member-list>

```

Description

<vlan-member>

Usage

```
<vlan>
  <vlan-detail>
    <vlan-member-list>
      <vlan-member>
        <vlan-member-interface>
          vlan-member-interface
        </vlan-member-interface>
        <vlan-member-tagness>
          vlan-member-tagness
        </vlan-member-tagness>
        <vlan-member-port-mode>
          vlan-member-port-mode
        </vlan-member-port-mode>
        <vlan-member-pvlan-trunk-mode>
          vlan-member-pvlan-trunk-mode
        </vlan-member-pvlan-trunk-mode>
        <vlan-membership-type>
          vlan-membership-type
        </vlan-membership-type>
        <vlan-protocol-mac-address>
          vlan-protocol-mac-address
        </vlan-protocol-mac-address>
        <vlan-mac-member-tagness>
          vlan-mac-member-tagness
        </vlan-mac-member-tagness>
      </vlan-member>
    </vlan-member-list>
  </vlan-detail>
</vlan>
```

Description

<vlan-member>

Usage

```
<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-member-list>
        <vlan-member>
          <vlan-member-interface>
            vlan-member-interface
          </vlan-member-interface>
          <vlan-member-tagness>
            vlan-member-tagness
          </vlan-member-tagness>
          <vlan-member-port-mode>
            vlan-member-port-mode
          </vlan-member-port-mode>
          <vlan-member-pvlan-trunk-mode>
            vlan-member-pvlan-trunk-mode
          </vlan-member-pvlan-trunk-mode>
```



```

<vlan-membership-type>
  vlan-membership-type
</vlan-membership-type>
<vlan-protocol-mac-address>
  vlan-protocol-mac-address
</vlan-protocol-mac-address>
<vlan-mac-member-tagness>
  vlan-mac-member-tagness
</vlan-mac-member-tagness>
</vlan-member>
</vlan-member-list>
</vlan-detail>
</vlan>
</vlan-information>

```

Description**<vlan-member-list>****Usage**

```

<vlan-member-list>
  <vlan-member>....</vlan-member>
</vlan-member-list>

```

Description**<vlan-member-list>****Usage**

```

<vlan>
  <vlan-detail>
    <vlan-member-list>
      <vlan-member>....</vlan-member>
    </vlan-member-list>
  </vlan-detail>
</vlan>

```

Description**<vlan-member-list>****Usage**

```

<vlan-information>
  <vlan>
    <vlan-detail>
      <vlan-member-list>
        <vlan-member>....</vlan-member>
      </vlan-member-list>
    </vlan-detail>
  </vlan>
</vlan-information>

```

Description

<vlan-summary>

Usage

```
<vlan-information>
  <vlan-summary>
    <vlan-total-count>
      vlan-total-count
    </vlan-total-count>
    <vlan-configured-count>
      vlan-configured-count
    </vlan-configured-count>
    <vlan-dynamic-count>
      vlan-dynamic-count
    </vlan-dynamic-count>
    <vlan-internal-count>
      vlan-internal-count
    </vlan-internal-count>
    <vlan-temporary-count>
      vlan-temporary-count
    </vlan-temporary-count>
    <vlan-dot1q-total-count>
      vlan-dot1q-total-count
    </vlan-dot1q-total-count>
    <vlan-dot1q-tagged-count>
      vlan-dot1q-tagged-count
    </vlan-dot1q-tagged-count>
    <vlan-dot1q-untagged-count>
      vlan-dot1q-untagged-count
    </vlan-dot1q-untagged-count>
    <vlan-dot1q-private-primary-count>
      vlan-dot1q-private-primary-count
    </vlan-dot1q-private-primary-count>
    <vlan-dot1q-private-community-count>
      vlan-dot1q-private-community-count
    </vlan-dot1q-private-community-count>
    <vlan-dot1q-private-isolated-count>
      vlan-dot1q-private-isolated-count
    </vlan-dot1q-private-isolated-count>
    <vlan-dot1q-tunneled-count>
      vlan-dot1q-tunneled-count
    </vlan-dot1q-tunneled-count>
    <vlan-dot1q-tunneled-private-primary-count>
      vlan-dot1q-tunneled-private-primary-count
    </vlan-dot1q-tunneled-private-primary-count>
    <vlan-dot1q-tunneled-private-community-count>
      vlan-dot1q-tunneled-private-community-count
    </vlan-dot1q-tunneled-private-community-count>
    <vlan-dot1q-tunneled-private-isolated-count>
      vlan-dot1q-tunneled-private-isolated-count
    </vlan-dot1q-tunneled-private-isolated-count>
    <vlan-dynamic-dot1x-count>
      vlan-dynamic-dot1x-count
    </vlan-dynamic-dot1x-count>
    <vlan-dynamic-mvrp-count>
```

```

        vlan-dynamic-mvrp-count
      </vlan-dynamic-mvrp-count>
    </vlan-summary>
  </vlan-information>

```

Description

<vst-bridge-parameters>

Usage

```

<vst-bridge-parameters>
  <vlan-id>
    vlan-id
  </vlan-id>
  <root-bridge>....</root-bridge>
  <root-port>
    root-port
  </root-port>
  <root-cost>
    root-cost
  </root-cost>
  <hello-time-learned>
    hello-time-learned
  </hello-time-learned>
  <max-age-learned>
    max-age-learned
  </max-age-learned>
  <forward-delay-learned>
    forward-delay-learned
  </forward-delay-learned>
  <message-age>
    message-age
  </message-age>
  <time-since-last-topology-change>
    time-since-last-topology-change
  </time-since-last-topology-change>
  <topology-change-count>
    topology-change-count
  </topology-change-count>
  <topology-change-initiator>
    topology-change-initiator
  </topology-change-initiator>
  <topology-change-last-received-from>
    topology-change-last-received-from
  </topology-change-last-received-from>
  <extended-system-id>
    extended-system-id
  </extended-system-id>
  <internal-instance-id>
    internal-instance-id
  </internal-instance-id>
  <this-bridge>....</this-bridge>
  <hello-time-configured>
    hello-time-configured
  </hello-time-configured>

```

```
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</vst-bridge-parameters>
```

Description STP bridge parameters for VLAN Spanning Tree

<vst-bridge-parameters>

Usage

```
<stp-bridge>
  <vst-bridge-parameters>
    <vlan-id>
      vlan-id
    </vlan-id>
    <root-bridge>....</root-bridge>
    <root-port>
      root-port
    </root-port>
    <root-cost>
      root-cost
    </root-cost>
    <hello-time-learned>
      hello-time-learned
    </hello-time-learned>
    <max-age-learned>
      max-age-learned
    </max-age-learned>
    <forward-delay-learned>
      forward-delay-learned
    </forward-delay-learned>
    <message-age>
      message-age
    </message-age>
    <time-since-last-topology-change>
      time-since-last-topology-change
    </time-since-last-topology-change>
    <topology-change-count>
      topology-change-count
    </topology-change-count>
    <topology-change-initiator>
      topology-change-initiator
    </topology-change-initiator>
    <topology-change-last-received-from>
      topology-change-last-received-from
    </topology-change-last-received-from>
    <extended-system-id>
      extended-system-id
```

```

</extended-system-id>
<internal-instance-id>
  internal-instance-id
</internal-instance-id>
<this-bridge>....</this-bridge>
<hello-time-configured>
  hello-time-configured
</hello-time-configured>
<max-age-configured>
  max-age-configured
</max-age-configured>
<forward-delay-configured>
  forward-delay-configured
</forward-delay-configured>
<path-cost-method>
  path-cost-method
</path-cost-method>
</vst-bridge-parameters>
</stp-bridge>

```

Description STP bridge parameters for VLAN Spanning Tree

<vstp-interface-statistics>

Usage

```

<stp-interface-statistics>
<vstp-interface-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <stp-interface-statistics-entry>....</stp-interface-statistics-entry>
</vstp-interface-statistics>
</stp-interface-statistics>

```

Description Statistics information about one or more VLAN STP interfaces

<vstp-statistics>

Usage

```

<vstp-statistics>
  <vlan-id>
    vlan-id
  </vlan-id>
  <message-type>
    message-type
  </message-type>
  <total-bpdus-sent>
    total-bpdus-sent
  </total-bpdus-sent>
  <total-bpdus-received>
    total-bpdus-received
  </total-bpdus-received>
  <bpdus-sent-5seconds>

```

```
    bpdus-sent-5seconds
  </bpdus-sent-5seconds>
  <bpdus-received-5seconds>
    bpdus-received-5seconds
  </bpdus-received-5seconds>
</vstp-statistics>
```

Description VLAN Spanning Tree Protocol statistics

<vstp-statistics>

Usage

```
<stp-context-statistics-information>
  <vstp-statistics>
    <vlan-id>
      vlan-id
    </vlan-id>
    <message-type>
      message-type
    </message-type>
    <total-bpdus-sent>
      total-bpdus-sent
    </total-bpdus-sent>
    <total-bpdus-received>
      total-bpdus-received
    </total-bpdus-received>
    <bpdus-sent-5seconds>
      bpdus-sent-5seconds
    </bpdus-sent-5seconds>
    <bpdus-received-5seconds>
      bpdus-received-5seconds
    </bpdus-received-5seconds>
  </vstp-statistics>
</stp-context-statistics-information>
```

Description VLAN Spanning Tree Protocol statistics

Summary of sFlow Response Tags

<clear-flow-ipaction-information>

Usage

```
<clear-flow-ipaction-information>
  <cleared-flow-ipaction-count>
    cleared-flow-ipaction-count
  </cleared-flow-ipaction-count>
</clear-flow-ipaction-information>
```

Description Information about cleared ip-action entries

<clear-flow-session-information>**Usage**

```

<clear-flow-session-information>
  <cleared-flow-session-count>
    cleared-flow-session-count
  </cleared-flow-session-count>
</clear-flow-session-information>

```

Description Information about cleared sessions

<flow-application-session-summary-information>**Usage**

```

<flow-application-session-summary-information>
  <fpc>
    fpc
  </fpc>
  <pic>
    pic
  </pic>
  <active-app-sessions>
    active-app-sessions
  </active-app-sessions>
</flow-application-session-summary-information>

```

Description Summary information for application session

<flow-forwarding-mode>**Usage**

```

<flow-status-all>
  <flow-forwarding-mode>
    <flow-forwarding-mode-inet>
      flow-forwarding-mode-inet
    </flow-forwarding-mode-inet>
    <flow-forwarding-mode-inet6>
      flow-forwarding-mode-inet6
    </flow-forwarding-mode-inet6>
    <flow-forwarding-mode-inet6-reboot-status>
      flow-forwarding-mode-inet6-reboot-status
    </flow-forwarding-mode-inet6-reboot-status>
    <flow-forwarding-mode-mpls>
      flow-forwarding-mode-mpls
    </flow-forwarding-mode-mpls>
    <flow-forwarding-mode-iso>
      flow-forwarding-mode-iso
    </flow-forwarding-mode-iso>
  </flow-forwarding-mode>
</flow-status-all>

```

Description Forwarding mode

<flow-gate-information>

Usage

```
<flow-gate-information>
  <flow-gate-fpc-pic-id>
    flow-gate-fpc-pic-id
  </flow-gate-fpc-pic-id>
  <gate>....</gate>
  <displayed-gate-valid>
    displayed-gate-valid
  </displayed-gate-valid>
  <displayed-gate-pending>
    displayed-gate-pending
  </displayed-gate-pending>
  <displayed-gate-invalidated>
    displayed-gate-invalidated
  </displayed-gate-invalidated>
  <displayed-gate-other>
    displayed-gate-other
  </displayed-gate-other>
  <displayed-gate-count>
    displayed-gate-count
  </displayed-gate-count>
  <displayed-gate-max>
    displayed-gate-max
  </displayed-gate-max>
</flow-gate-information>
```

Description

<flow-information>

Usage

```
<flow-information>
  <direction>
    direction
  </direction>
  <interface-name>
    interface-name
  </interface-name>
  <source-address>
    source-address
  </source-address>
  <source-port>
    source-port
  </source-port>
  <destination-address>
    destination-address
  </destination-address>
  <destination-port>
    destination-port
  </destination-port>
  <protocol>
```



```

    protocol
  </protocol>
  <session-token>
    session-token
  </session-token>
  <route>
    route
  </route>
  <gateway>
    gateway
  </gateway>
  <tunnel-information>
    tunnel-information
  </tunnel-information>
  <path-mtu>
    path-mtu
  </path-mtu>
  <flag>
    flag
  </flag>
  <seq-ack-diff>
    seq-ack-diff
  </seq-ack-diff>
  <port-sequence>
    port-sequence
  </port-sequence>
  <cookie>
    cookie
  </cookie>
  <fin-sequence>
    fin-sequence
  </fin-sequence>
  <fin-state>
    fin-state
  </fin-state>
  <pkt-cnt>
    pkt-cnt
  </pkt-cnt>
  <byte-cnt>
    byte-cnt
  </byte-cnt>
</flow-information>

```

Description Information about one or more flows

<flow-information>

Usage

```

<flow-session-information>
  <flow-session>
    <flow-information>
      <direction>
        direction
      </direction>

```

```
<interface-name>
  interface-name
</interface-name>
<source-address>
  source-address
</source-address>
<source-port>
  source-port
</source-port>
<destination-address>
  destination-address
</destination-address>
<destination-port>
  destination-port
</destination-port>
<protocol>
  protocol
</protocol>
<session-token>
  session-token
</session-token>
<route>
  route
</route>
<gateway>
  gateway
</gateway>
<tunnel-information>
  tunnel-information
</tunnel-information>
<path-mtu>
  path-mtu
</path-mtu>
<flag>
  flag
</flag>
<seq-ack-diff>
  seq-ack-diff
</seq-ack-diff>
<port-sequence>
  port-sequence
</port-sequence>
<cookie>
  cookie
</cookie>
<fin-sequence>
  fin-sequence
</fin-sequence>
<fin-state>
  fin-state
</fin-state>
<pkt-cnt>
  pkt-cnt
</pkt-cnt>
<byte-cnt>
  byte-cnt
```

```
</byte-cnt>
</flow-information>
</flow-session>
</flow-session-information>
```

Description Information about one or more flows

<flow-ipaction-entry>

Usage

```
<flow-ipaction-information>
  <flow-ipaction-entry>
    <source-address>
      source-address
    </source-address>
    <source-port>
      source-port
    </source-port>
    <destination-address>
      destination-address
    </destination-address>
    <protocol>
      protocol
    </protocol>
    <destination-port>
      destination-port
    </destination-port>
    <ip-action-timeout>
      ip-action-timeout
    </ip-action-timeout>
    <from-zone>
      from-zone
    </from-zone>
    <ip-action>
      ip-action
    </ip-action>
  </flow-ipaction-entry>
</flow-ipaction-information>
```

Description Information about ip-action entry

<flow-ipaction-information>

Usage

```
<flow-ipaction-information>
  <flow-ipaction-entry>....</flow-ipaction-entry>
</flow-ipaction-information>
```

Description Information about ip-action table

<flow-ipaction-v6-entry>

Usage

```
<flow-ipaction-v6-information>
  <flow-ipaction-v6-entry>
    <source-address>
      source-address
    </source-address>
    <source-port>
      source-port
    </source-port>
    <destination-address>
      destination-address
    </destination-address>
    <destination-port>
      destination-port
    </destination-port>
    <protocol>
      protocol
    </protocol>
    <ip-action-timeout>
      ip-action-timeout
    </ip-action-timeout>
    <from-zone>
      from-zone
    </from-zone>
    <ip-action>
      ip-action
    </ip-action>
  </flow-ipaction-v6-entry>
</flow-ipaction-v6-information>
```

Description Information about ip-action entry

<flow-ipaction-v6-information>

Usage

```
<flow-ipaction-v6-information>
  <flow-ipaction-v6-entry>....</flow-ipaction-v6-entry>
</flow-ipaction-v6-information>
```

Description Information about ip-action table

<flow-session>

Usage

```
<flow-session-information>
  <flow-session>
    <session-identifier>
      session-identifier
    </session-identifier>
    <session-flag>
```

```
    session-flag
  </session-flag>
  <session-state>
    session-state
  </session-state>
  <sess-state>
    sess-state
  </sess-state>
  <virtual-system>
    virtual-system
  </virtual-system>
  <policy>
    policy
  </policy>
  <application-name>
    application-name
  </application-name>
  <application-value>
    application-value
  </application-value>
  <nat-source-pool-name>
    nat-source-pool-name
  </nat-source-pool-name>
  <timeout>
    timeout
  </timeout>
  <configured-timeout>
    configured-timeout
  </configured-timeout>
  <status>
    status
  </status>
  <wan-acceleration>
    wan-acceleration
  </wan-acceleration>
  <start-time>
    start-time
  </start-time>
  <duration>
    duration
  </duration>
  <session-mask>
    session-mask
  </session-mask>
  <app-name>
    app-name
  </app-name>
  <app-status>
    app-status
  </app-status>
  <app-action>
    app-action
  </app-action>
  <module-name>
    module-name
  </module-name>
```

```
<internal-module-identifier>
  internal-module-identifier
</internal-module-identifier>
<resource-manager-information>....</resource-manager-information>
<flow-information>....</flow-information>
<session-spu-id>
  session-spu-id
</session-spu-id>
</flow-session>
</flow-session-information>
```

Description Information about one or more session wings

<flow-session-information>

Usage

```
<flow-session-information>
  <flow-fpc-pic-id>
    flow-fpc-pic-id
  </flow-fpc-pic-id>
  <flow-session>....</flow-session>
  <displayed-session-valid>
    displayed-session-valid
  </displayed-session-valid>
  <displayed-session-pending>
    displayed-session-pending
  </displayed-session-pending>
  <displayed-session-invalidated>
    displayed-session-invalidated
  </displayed-session-invalidated>
  <displayed-session-other>
    displayed-session-other
  </displayed-session-other>
  <displayed-session-count>
    displayed-session-count
  </displayed-session-count>
  <max-session-count>
    max-session-count
  </max-session-count>
  <max-inet6-session-count>
    max-inet6-session-count
  </max-inet6-session-count>
</flow-session-information>
```

Description Information about a flow session

<flow-session-summary-information>

Usage

```
<flow-session-summary-information>
  <summary-family-header>
    summary-family-header
  </summary-family-header>
```

```

<active-unicast-sessions>
  active-unicast-sessions
</active-unicast-sessions>
<active-multicast-sessions>
  active-multicast-sessions
</active-multicast-sessions>
<failed-sessions>
  failed-sessions
</failed-sessions>
<active-sessions>
  active-sessions
</active-sessions>
<active-session-valid>
  active-session-valid
</active-session-valid>
<active-session-pending>
  active-session-pending
</active-session-pending>
<active-session-invalidated>
  active-session-invalidated
</active-session-invalidated>
<active-session-other>
  active-session-other
</active-session-other>
<max-sessions>
  max-sessions
</max-sessions>
</flow-session-summary-information>

```

Description Summary information for flow sessions

<flow-statistics-all>

Usage

```

<flow-statistics-all>
  <flow-spu-id>
    flow-spu-id
  </flow-spu-id>
  <flow-session-count-valid>
    flow-session-count-valid
  </flow-session-count-valid>
  <flow-session-allocated-total>
    flow-session-allocated-total
  </flow-session-allocated-total>
  <flow-session-failed-total>
    flow-session-failed-total
  </flow-session-failed-total>
  <flow-pkt-count-fwd>
    flow-pkt-count-fwd
  </flow-pkt-count-fwd>
  <flow-pkt-count-drop>
    flow-pkt-count-drop
  </flow-pkt-count-drop>
  <flow-frag-count-fwd>

```

```
    flow-frag-count-fwd
  </flow-frag-count-fwd>
  <flow-session-valid-system>
    flow-session-valid-system
  </flow-session-valid-system>
</flow-statistics-all>
```

Description Display security flow statistics

<flow-status-all>

Usage

```
<flow-status-all>
  <flow-forwarding-mode>....</flow-forwarding-mode>
  <flow-tcp-options>....</flow-tcp-options>
  <flow-trace-option>....</flow-trace-option>
</flow-status-all>
```

Description Display security flow execution status

<flow-tcp-options>

Usage

```
<flow-status-all>
  <flow-tcp-options>
    <flow-tcp-sequence-check>
      flow-tcp-sequence-check
    </flow-tcp-sequence-check>
    <flow-tcp-mss>
      flow-tcp-mss
    </flow-tcp-mss>
  </flow-tcp-options>
</flow-status-all>
```

Description

<flow-trace-option>

Usage

```
<flow-status-all>
  <flow-trace-option>
    <flow-trace-status>
      flow-trace-status
    </flow-trace-status>
    <flow-trace-options>
      flow-trace-options
    </flow-trace-options>
  </flow-trace-option>
</flow-status-all>
```

Description

<gate>**Usage**

```

<flow-gate-information>
  <gate>
    <protocol>
      protocol
    </protocol>
    <application-value>
      application-value
    </application-value>
    <application-name>
      application-name
    </application-name>
    <age>
      age
    </age>
    <flags>
      flags
    </flags>
    <zone>
      zone
    </zone>
    <parent-id>
      parent-id
    </parent-id>
    <reference-count>
      reference-count
    </reference-count>
    <resource>
      resource
    </resource>
    <nat-source-pool-name>
      nat-source-pool-name
    </nat-source-pool-name>
    <hole>....</hole>
    <translated-hole>....</translated-hole>
  </gate>
</flow-gate-information>

```

Description**<hole>****Usage**

```

<flow-gate-information>
  <gate>
    <hole>
      <source-address-start>
        source-address-start
      </source-address-start>
      <source-address-end>
        source-address-end
      </source-address-end>
      <source-port-start>

```

```
    source-port-start
  </source-port-start>
  <source-port-end>
    source-port-end
  </source-port-end>
  <destination-address-start>
    destination-address-start
  </destination-address-start>
  <destination-address-end>
    destination-address-end
  </destination-address-end>
  <destination-port-start>
    destination-port-start
  </destination-port-start>
  <destination-port-end>
    destination-port-end
  </destination-port-end>
</hole>
</gate>
</flow-gate-information>
```

Description

<resource-manager-information>

Usage

```
<resource-manager-information>
  <client-name>
    client-name
  </client-name>
  <group-identifier>
    group-identifier
  </group-identifier>
  <resource-identifier>
    resource-identifier
  </resource-identifier>
</resource-manager-information>
```

Description Information about the resource manager

<resource-manager-information>

Usage

```
<flow-session-information>
  <flow-session>
    <resource-manager-information>
      <client-name>
        client-name
      </client-name>
      <group-identifier>
        group-identifier
      </group-identifier>
      <resource-identifier>
        resource-identifier
```

```
</resource-identifier>
</resource-manager-information>
</flow-session>
</flow-session-information>
```

Description Information about the resource manager

<total-active-sessions>

Usage

```
<total-active-sessions>
  <total-sessions>
    total-sessions
  </total-sessions>
</total-active-sessions>
```

Description Total active sessions

<translated-hole>

Usage

```
<flow-gate-information>
  <gate>
    <translated-hole>
      <source-address>
        source-address
      </source-address>
      <source-port>
        source-port
      </source-port>
      <destination-address>
        destination-address
      </destination-address>
      <destination-port>
        destination-port
      </destination-port>
    </translated-hole>
  </gate>
</flow-gate-information>
```

Description

Summary of Firewall Authentication Response Tags

<firewall-authentication-history-details>

Usage

```
<firewall-authentication-history-details>
  <fwauth-history-info>....</fwauth-history-info>
  <fwauth-history-table>....</fwauth-history-table>
```

`</firewall-authentication-history-details>`

Description History of firewall user authentication

`<firewall-authentication-history-specific>`

Usage

```
<firewall-authentication-history-specific>
  <user-history-info>....</user-history-info>
</firewall-authentication-history-specific>
```

Description Historical authentication details of a specific firewall user

`<firewall-authentication-status>`

Usage

```
<firewall-authentication-status>
  <running>
    running
  </running>
</firewall-authentication-status>
```

Description Status of firewall authentication service

`<firewall-authentication-table-details>`

Usage

```
<firewall-authentication-table-details>
  <fwauth-table-info>....</fwauth-table-info>
  <fwauth-users-table>....</fwauth-users-table>
</firewall-authentication-table-details>
```

Description Information about firewall users

`<firewall-authentication-users-specific>`

Usage

```
<firewall-authentication-users-specific>
  <user-info>....</user-info>
</firewall-authentication-users-specific>
```

Description Authentication details of a specific firewall user

`<fwauth-entry>`

Usage

```
<firewall-authentication-table-details>
  <fwauth-users-table>
```

```

<fwauth-entry>
  <auth-id>
    auth-id
  </auth-id>
  <src-ip>
    src-ip
  </src-ip>
  <src-zone>
    src-zone
  </src-zone>
  <dst-zone>
    dst-zone
  </dst-zone>
  <access-profile>
    access-profile
  </access-profile>
  <age>
    age
  </age>
  <status>
    status
  </status>
  <user-name>
    user-name
  </user-name>
</fwauth-entry>
</fwauth-users-table>
</firewall-authentication-table-details>

```

Description Current firewall user authentication information

<fwauth-history>

Usage

```

<firewall-authentication-history-details>
  <fwauth-history-table>
    <fwauth-history>
      <auth-id>
        auth-id
      </auth-id>
      <src-ip>
        src-ip
      </src-ip>
      <start-date>
        start-date
      </start-date>
      <start-time>
        start-time
      </start-time>
      <duration>
        duration
      </duration>
      <status>
        status

```

```
</status>
<user-name>
  user-name
</user-name>
</fwauth-history>
</fwauth-history-table>
</firewall-authentication-history-details>
```

Description History of firewall user authentication

<fwauth-history-info>

Usage

```
<firewall-authentication-history-details>
  <fwauth-history-info>
    <fwauth-total-authentications>
      fwauth-total-authentications
    </fwauth-total-authentications>
  </fwauth-history-info>
</firewall-authentication-history-details>
```

Description Historical information about firewall authentication

<fwauth-history-table>

Usage

```
<firewall-authentication-history-details>
  <fwauth-history-table>
    <fwauth-history>.....</fwauth-history>
  </fwauth-history-table>
</firewall-authentication-history-details>
```

Description

<fwauth-table-info>

Usage

```
<firewall-authentication-table-details>
  <fwauth-table-info>
    <fwauth-total-users>
      fwauth-total-users
    </fwauth-total-users>
  </fwauth-table-info>
</firewall-authentication-table-details>
```

Description Information about firewall authentication table

<fwauth-users-table>

Usage

```
<firewall-authentication-table-details>
```

```

<fwauth-users-table>
  <fwauth-entry>....</fwauth-entry>
</fwauth-users-table>
</firewall-authentication-table-details>

```

Description

<user-history-info>

Usage

```

<firewall-authentication-history-specific>
  <user-history-info>
    <user-name>
      user-name
    </user-name>
    <src-ip>
      src-ip
    </src-ip>
    <status>
      status
    </status>
    <method>
      method
    </method>
    <start-date>
      start-date
    </start-date>
    <start-time>
      start-time
    </start-time>
    <duration>
      duration
    </duration>
    <src-zone>
      src-zone
    </src-zone>
    <dst-zone>
      dst-zone
    </dst-zone>
    <policy-name>
      policy-name
    </policy-name>
    <access-profile>
      access-profile
    </access-profile>
    <sent-bytes>
      sent-bytes
    </sent-bytes>
    <recd-bytes>
      recd-bytes
    </recd-bytes>
    <client-groups>
      client-groups
    </client-groups>
  </user-history-info>

```

</firewall-authentication-history-specific>

Description One Authentication history entry of the firewall user

<user-info>

Usage

```
<firewall-authentication-users-specific>
  <user-info>
    <user-name>
      user-name
    </user-name>
    <src-ip>
      src-ip
    </src-ip>
    <status>
      status
    </status>
    <method>
      method
    </method>
    <age>
      age
    </age>
    <access-time-remaining>
      access-time-remaining
    </access-time-remaining>
    <src-zone>
      src-zone
    </src-zone>
    <dst-zone>
      dst-zone
    </dst-zone>
    <policy-name>
      policy-name
    </policy-name>
    <access-profile>
      access-profile
    </access-profile>
    <sess-ref-cnt>
      sess-ref-cnt
    </sess-ref-cnt>
    <intf-name>
      intf-name
    </intf-name>
    <sent-bytes>
      sent-bytes
    </sent-bytes>
    <recd-bytes>
      recd-bytes
    </recd-bytes>
    <client-groups>
      client-groups
    </client-groups>
```



```

    </user-info>
  </firewall-authentication-users-specific>

```

Description One Authentication entry of the firewall user

Summary of GPRS Tunneling Protocol Response Tags

<clear-tunnel>

Usage

```

<gtp-clear-tunnel>
  <clear-tunnel>
    <clear-tunnel-status>
      clear-tunnel-status
    </clear-tunnel-status>
  </clear-tunnel>
</gtp-clear-tunnel>

```

Description

<gtp-clear-tunnel>

Usage

```

<gtp-clear-tunnel>
  <clear-tunnel>....</clear-tunnel>
</gtp-clear-tunnel>

```

Description

<gtp-information>

Usage

```

<gtp-information>
  <tunnel-information>....</tunnel-information>
</gtp-information>

```

Description

<gtp-show-configuration>

Usage

```

<gtp-show-configuration>
  <show-profile-summary>....</show-profile-summary>
  <show-profile-detail>....</show-profile-detail>
  <show-profile-apns>....</show-profile-apns>
</gtp-show-configuration>

```

Description

<show-profile-apns>

Usage

```
<gtp-show-configuration>
  <show-profile-apns>
    <show-apn-mcc-mnc>
      show-apn-mcc-mnc
    </show-apn-mcc-mnc>
    <show-apn-pattern>
      show-apn-pattern
    </show-apn-pattern>
    <show-apn-action>
      show-apn-action
    </show-apn-action>
    <show-apn-selection>
      show-apn-selection
    </show-apn-selection>
  </show-profile-apns>
</gtp-show-configuration>
```

Description

<show-profile-detail>

Usage

```
<gtp-show-configuration>
  <show-profile-detail>
    <show-profile-detail-index>
      show-profile-detail-index
    </show-profile-detail-index>
    <show-profile-detail-min>
      show-profile-detail-min
    </show-profile-detail-min>
    <show-profile-detail-max>
      show-profile-detail-max
    </show-profile-detail-max>
    <show-profile-detail-timeout>
      show-profile-detail-timeout
    </show-profile-detail-timeout>
    <show-profile-detail-ratelimit>
      show-profile-detail-ratelimit
    </show-profile-detail-ratelimit>
    <show-profile-detail-remove-r6>
      show-profile-detail-remove-r6
    </show-profile-detail-remove-r6>
    <show-profile-detail-seq-number-validated>
      show-profile-detail-seq-number-validated
    </show-profile-detail-seq-number-validated>
    <show-profile-detail-forwarded>
      show-profile-detail-forwarded
    </show-profile-detail-forwarded>
    <show-profile-detail-state-invalid>
      show-profile-detail-state-invalid
    </show-profile-detail-state-invalid>
    <show-profile-detail-prohibited>
```

```
    show-profile-detail-prohibited
  </show-profile-detail-prohibited>
  <show-profile-detail-rate-limited>
    show-profile-detail-rate-limited
  </show-profile-detail-rate-limited>
  <show-profile-detail-frequency-number>
    show-profile-detail-frequency-number
  </show-profile-detail-frequency-number>
  <show-profile-detail-aa-create-pdp>
    show-profile-detail-aa-create-pdp
  </show-profile-detail-aa-create-pdp>
  <show-profile-detail-aa-delete-pdp>
    show-profile-detail-aa-delete-pdp
  </show-profile-detail-aa-delete-pdp>
  <show-profile-detail-create-pdp>
    show-profile-detail-create-pdp
  </show-profile-detail-create-pdp>
  <show-profile-detail-data-record>
    show-profile-detail-data-record
  </show-profile-detail-data-record>
  <show-profile-detail-delete-pdp>
    show-profile-detail-delete-pdp
  </show-profile-detail-delete-pdp>
  <show-profile-detail-echo>
    show-profile-detail-echo
  </show-profile-detail-echo>
  <show-profile-detail-error-indication>
    show-profile-detail-error-indication
  </show-profile-detail-error-indication>
  <show-profile-detail-failure-report>
    show-profile-detail-failure-report
  </show-profile-detail-failure-report>
  <show-profile-detail-fwd-relocation>
    show-profile-detail-fwd-relocation
  </show-profile-detail-fwd-relocation>
  <show-profile-detail-fwd-srns-context>
    show-profile-detail-fwd-srns-context
  </show-profile-detail-fwd-srns-context>
  <show-profile-detail-g-pdu>
    show-profile-detail-g-pdu
  </show-profile-detail-g-pdu>
  <show-profile-detail-identification>
    show-profile-detail-identification
  </show-profile-detail-identification>
  <show-profile-detail-node-alive>
    show-profile-detail-node-alive
  </show-profile-detail-node-alive>
  <show-profile-detail-note-ms-present>
    show-profile-detail-note-ms-present
  </show-profile-detail-note-ms-present>
  <show-profile-detail-pdu-notification>
    show-profile-detail-pdu-notification
  </show-profile-detail-pdu-notification>
  <show-profile-detail-ran-info>
    show-profile-detail-ran-info
  </show-profile-detail-ran-info>
```

```
<show-profile-detail-redirect>  
  show-profile-detail-redirect  
</show-profile-detail-redirect>  
<show-profile-detail-relocation-cancel>  
  show-profile-detail-relocation-cancel  
</show-profile-detail-relocation-cancel>  
<show-profile-detail-send-route>  
  show-profile-detail-send-route  
</show-profile-detail-send-route>  
<show-profile-detail-sgsn-context>  
  show-profile-detail-sgsn-context  
</show-profile-detail-sgsn-context>  
<show-profile-detail-supported-extension>  
  show-profile-detail-supported-extension  
</show-profile-detail-supported-extension>  
<show-profile-detail-update-pdp>  
  show-profile-detail-update-pdp  
</show-profile-detail-update-pdp>  
<show-profile-detail-ver-not-supported>  
  show-profile-detail-ver-not-supported  
</show-profile-detail-ver-not-supported>  
</show-profile-detail>  
</gtp-show-configuration>
```

Description

<show-profile-summary>

Usage

```
<gtp-show-configuration>  
  <show-profile-summary>  
    <show-profile-list>  
      show-profile-list  
    </show-profile-list>  
    <show-license-re>  
      show-license-re  
    </show-license-re>  
    <show-license-spu>  
      show-license-spu  
    </show-license-spu>  
  </show-profile-summary>  
</gtp-show-configuration>
```

Description

<tunnel-information>

Usage

```
<gtp-information>  
  <tunnel-information>  
    <chassis-total>  
      chassis-total  
    </chassis-total>  
    <spu-total>
```

```
    spu-total
  </spu-total>
  <fpc-slot>
    fpc-slot
  </fpc-slot>
  <pic-slot>
    pic-slot
  </pic-slot>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
  <tunnel-version>
    tunnel-version
  </tunnel-version>
  <tunnel-sapi>
    tunnel-sapi
  </tunnel-sapi>
  <tunnel-timeout>
    tunnel-timeout
  </tunnel-timeout>
  <tunnel-sgsn-control-ip>
    tunnel-sgsn-control-ip
  </tunnel-sgsn-control-ip>
  <tunnel-sgsn-user-ip>
    tunnel-sgsn-user-ip
  </tunnel-sgsn-user-ip>
  <tunnel-ggsn-control-ip>
    tunnel-ggsn-control-ip
  </tunnel-ggsn-control-ip>
  <tunnel-ggsn-user-ip>
    tunnel-ggsn-user-ip
  </tunnel-ggsn-user-ip>
  <tunnel-sgsn-control-id>
    tunnel-sgsn-control-id
  </tunnel-sgsn-control-id>
  <tunnel-sgsn-user-id>
    tunnel-sgsn-user-id
  </tunnel-sgsn-user-id>
  <tunnel-high-control-id>
    tunnel-high-control-id
  </tunnel-high-control-id>
  <tunnel-low-user-id>
    tunnel-low-user-id
  </tunnel-low-user-id>
</tunnel-information>
</gtp-information>
```

Description

Summary of IDS Response Tags

<clear-ids-statistics-information>

Usage

```
<clear-ids-statistics-information>
  <clear-ids-statistics-status>....</clear-ids-statistics-status>
</clear-ids-statistics-information>
```

Description

<clear-ids-statistics-status>

Usage

```
<clear-ids-statistics-information>
  <clear-ids-statistics-status>
    <ids-clear-status>
      ids-clear-status
    </ids-clear-status>
  </clear-ids-statistics-status>
</clear-ids-statistics-information>
```

Description

<ids-statistics>

Usage

```
<show-ids-statistics-information>
  <ids-statistics>
    <ids-statistics-icmp-flood>
      ids-statistics-icmp-flood
    </ids-statistics-icmp-flood>
    <ids-statistics-udp-flood>
      ids-statistics-udp-flood
    </ids-statistics-udp-flood>
    <ids-statistics-winnuke>
      ids-statistics-winnuke
    </ids-statistics-winnuke>
    <ids-statistics-port-scan>
      ids-statistics-port-scan
    </ids-statistics-port-scan>
    <ids-statistics-address-sweep>
      ids-statistics-address-sweep
    </ids-statistics-address-sweep>
    <ids-statistics-tcp-sweep>
      ids-statistics-tcp-sweep
    </ids-statistics-tcp-sweep>
    <ids-statistics-udp-sweep>
      ids-statistics-udp-sweep
    </ids-statistics-udp-sweep>
    <ids-statistics-tear-drop>
      ids-statistics-tear-drop
    </ids-statistics-tear-drop>
```

```
<ids-statistics-syn-flood>
  ids-statistics-syn-flood
</ids-statistics-syn-flood>
<ids-statistics-ip-spoofing>
  ids-statistics-ip-spoofing
</ids-statistics-ip-spoofing>
<ids-statistics-ping-of-death>
  ids-statistics-ping-of-death
</ids-statistics-ping-of-death>
<ids-statistics-ip-option-src-route>
  ids-statistics-ip-option-src-route
</ids-statistics-ip-option-src-route>
<ids-statistics-land>
  ids-statistics-land
</ids-statistics-land>
<ids-statistics-syn-fragment>
  ids-statistics-syn-fragment
</ids-statistics-syn-fragment>
<ids-statistics-tcp-no-flag>
  ids-statistics-tcp-no-flag
</ids-statistics-tcp-no-flag>
<ids-statistics-unknown-protocol>
  ids-statistics-unknown-protocol
</ids-statistics-unknown-protocol>
<ids-statistics-ip-option-bad>
  ids-statistics-ip-option-bad
</ids-statistics-ip-option-bad>
<ids-statistics-ip-option-record-route>
  ids-statistics-ip-option-record-route
</ids-statistics-ip-option-record-route>
<ids-statistics-ip-option-timestamp>
  ids-statistics-ip-option-timestamp
</ids-statistics-ip-option-timestamp>
<ids-statistics-ip-option-security>
  ids-statistics-ip-option-security
</ids-statistics-ip-option-security>
<ids-statistics-ip-option-loose-src-route>
  ids-statistics-ip-option-loose-src-route
</ids-statistics-ip-option-loose-src-route>
<ids-statistics-ip-option-strict-src-route>
  ids-statistics-ip-option-strict-src-route
</ids-statistics-ip-option-strict-src-route>
<ids-statistics-ip-option-stream>
  ids-statistics-ip-option-stream
</ids-statistics-ip-option-stream>
<ids-statistics-icmp-fragment>
  ids-statistics-icmp-fragment
</ids-statistics-icmp-fragment>
<ids-statistics-icmp-large-pkt>
  ids-statistics-icmp-large-pkt
</ids-statistics-icmp-large-pkt>
<ids-statistics-syn-fin>
  ids-statistics-syn-fin
</ids-statistics-syn-fin>
<ids-statistics-fin-no-ack>
  ids-statistics-fin-no-ack
```

```
</ids-statistics-fin-no-ack>
<ids-statistics-src-session-limit>
  ids-statistics-src-session-limit
</ids-statistics-src-session-limit>
<ids-statistics-syn-ack-ack-proxy>
  ids-statistics-syn-ack-ack-proxy
</ids-statistics-syn-ack-ack-proxy>
<ids-statistics-block-fragment>
  ids-statistics-block-fragment
</ids-statistics-block-fragment>
<ids-statistics-dst-session-limit>
  ids-statistics-dst-session-limit
</ids-statistics-dst-session-limit>
</ids-statistics>
</show-ids-statistics-information>
```

Description

<ids-status>

Usage

```
<show-ids-status>
<ids-status>
  <ids-status-name>
    ids-status-name
  </ids-status-name>
  <ids-status-value>
    ids-status-value
  </ids-status-value>
</ids-status>
</show-ids-status>
```

Description

<show-ids-statistics-information>

Usage

```
<show-ids-statistics-information>
  <ids-statistics>....</ids-statistics>
</show-ids-statistics-information>
```

Description

<show-ids-status>

Usage

```
<show-ids-status>
  <ids-status>....</ids-status>
</show-ids-status>
```

Description

Summary of IPSec Response Tags

<ah-statistics>

Usage

```
<ipsec-service-set-statistics>
<ipsec-statistics>
  <ah-statistics>
    <ah-input-bytes>
      ah-input-bytes
    </ah-input-bytes>
    <ah-output-bytes>
      ah-output-bytes
    </ah-output-bytes>
    <ah-input-packets>
      ah-input-packets
    </ah-input-packets>
    <ah-output-packets>
      ah-output-packets
    </ah-output-packets>
  </ah-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<ah-statistics>

Usage

```
<ipsec-total-statistics>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <ah-statistics>
    <ah-input-bytes>
      ah-input-bytes
    </ah-input-bytes>
    <ah-output-bytes>
      ah-output-bytes
    </ah-output-bytes>
    <ah-input-packets>
      ah-input-packets
    </ah-input-packets>
    <ah-output-packets>
      ah-output-packets
    </ah-output-packets>
  </ah-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ah-statistics>

Usage

```
<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <ah-statistics>
        <ah-input-bytes>
          ah-input-bytes
        </ah-input-bytes>
        <ah-output-bytes>
          ah-output-bytes
        </ah-output-bytes>
        <ah-input-packets>
          ah-input-packets
        </ah-input-packets>
        <ah-output-packets>
          ah-output-packets
        </ah-output-packets>
      </ah-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<ah-statistics>

Usage

```
<usp-ipsec-total-statistics-information>
  <ah-statistics>
    <ah-input-bytes>
      ah-input-bytes
    </ah-input-bytes>
    <ah-output-bytes>
      ah-output-bytes
    </ah-output-bytes>
    <ah-input-packets>
      ah-input-packets
    </ah-input-packets>
    <ah-output-packets>
      ah-output-packets
    </ah-output-packets>
  </ah-statistics>
</usp-ipsec-total-statistics-information>
```

Description

<alternate-subject-list>

Usage

```
<alternate-subject-list>
  <alternate-subject>
    alternate-subject
  </alternate-subject>
</alternate-subject-list>
```

```

    </alternate-subject>
  </alternate-subject-list>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-info>

```

Description

<alternate-subject-list>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <alternate-subject-list>
      <alternate-subject>
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-cache-info>
  <alternate-subject-list>
    <alternate-subject>
      alternate-subject
    </alternate-subject>
  </alternate-subject-list>
</x509-certificate-cache-info>

```

Description

<alternate-subject-list>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <alternate-subject-list>
      <alternate-subject>

```

```
        alternate-subject
      </alternate-subject>
    </alternate-subject-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<auto-re-enrollment>

Usage

```
<auto-re-enrollment>
  <auto-re-enrollment-status>
    auto-re-enrollment-status
  </auto-re-enrollment-status>
  <auto-re-enrollment-next-trigger-time>
    auto-re-enrollment-next-trigger-time
  </auto-re-enrollment-next-trigger-time>
</auto-re-enrollment>
```

Description

<auto-re-enrollment>

Usage

```
<x509-certificate-info>
  <auto-re-enrollment>
    <auto-re-enrollment-status>
      auto-re-enrollment-status
    </auto-re-enrollment-status>
    <auto-re-enrollment-next-trigger-time>
      auto-re-enrollment-next-trigger-time
    </auto-re-enrollment-next-trigger-time>
  </auto-re-enrollment>
</x509-certificate-info>
```

Description

<auto-re-enrollment>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <auto-re-enrollment>
      <auto-re-enrollment-status>
        auto-re-enrollment-status
      </auto-re-enrollment-status>
      <auto-re-enrollment-next-trigger-time>
        auto-re-enrollment-next-trigger-time
      </auto-re-enrollment-next-trigger-time>
    </auto-re-enrollment>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description**<ca-certificate-enroll>****Usage**

```
<ca-certificate-enroll>
  <ca-subject>
    ca-subject
  </ca-subject>
  <fingerprint>....</fingerprint>
</ca-certificate-enroll>
```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll>**Usage**

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <ca-subject>
      ca-subject
    </ca-subject>
    <fingerprint>....</fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description Dump the subject and fingerprint of received CA certificate

<ca-certificate-enroll-list>**Usage**

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll-msg>
    ca-certificate-enroll-msg
  </ca-certificate-enroll-msg>
  <ca-certificate-enroll>....</ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description**<cert-ca-load-status>****Usage**

```
<cert-ca-load-status>
  <cert-ca-profile>
    cert-ca-profile
  </cert-ca-profile>
</cert-ca-load-status>
```

Description Certificate Authority certificate load status

<cert-ca-manual-load>

Usage

```
<cert-ca-manual-load>  
<fingerprint>....</fingerprint>  
</cert-ca-manual-load>
```

Description CA certificate manual-load prompt

<cert-flag-info>

Usage

```
<cert-flag-info>  
<cert-flag-trust>  
  cert-flag-trust  
</cert-flag-trust>  
<cert-flag-root>  
  cert-flag-root  
</cert-flag-root>  
</cert-flag-info>
```

Description Information about state of certificates present in the cache

<cert-flag-info>

Usage

```
<x509-certificate-cache-info>  
  <cert-flag-info>  
    <cert-flag-trust>  
      cert-flag-trust  
    </cert-flag-trust>  
    <cert-flag-root>  
      cert-flag-root  
    </cert-flag-root>  
  </cert-flag-info>  
</x509-certificate-cache-info>
```

Description Information about state of certificates present in the cache

<cert-flag-info>

Usage

```
<x509-certificate-cache-info-list>  
  <x509-certificate-cache-info>  
    <cert-flag-info>  
      <cert-flag-trust>  
        cert-flag-trust  
      </cert-flag-trust>  
      <cert-flag-root>  
        cert-flag-root  
      </cert-flag-root>
```

```
</cert-flag-info>
</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about state of certificates present in the cache

<cert-key-pair>

Usage

```
<cert-key-pair>
  <cert-key-pair-name>
    cert-key-pair-name
  </cert-key-pair-name>
  <cert-key-pair-size>
    cert-key-pair-size
  </cert-key-pair-size>
</cert-key-pair>
```

Description Generate key pair status

<cert-load-status>

Usage

```
<cert-load-status>
  <cert-certificate-id>
    cert-certificate-id
  </cert-certificate-id>
</cert-load-status>
```

Description Local certificate load status

<cert-request-dump>

Usage

```
<cert-request-dump>
  <cert-request-dump-msg>
    cert-request-dump-msg
  </cert-request-dump-msg>
  <cert-request-dump-file>....</cert-request-dump-file>
  <fingerprint>....</fingerprint>
</cert-request-dump>
```

Description Dump the generated certificate request

<cert-request-dump-file>

Usage

```
<cert-request-dump>
  <cert-request-dump-file>
    <cert-request-dump-file-content>
```

```
cert-request-dump-file-content
</cert-request-dump-file-content>
</cert-request-dump-file>
</cert-request-dump>
```

Description File contents

<certificate-information>

Usage

```
<certificate-information>
  <certificates>....</certificates>
  <total-entries>
    total-entries
  </total-entries>
  <active-entries>
    active-entries
  </active-entries>
  <locked-entries>
    locked-entries
  </locked-entries>
  <db-stats>....</db-stats>
</certificate-information>
```

Description

<certificates>

Usage

```
<certificates>
  <cert-subject>
    cert-subject
  </cert-subject>
  <cert-serial>
    cert-serial
  </cert-serial>
  <cert-id>
    cert-id
  </cert-id>
  <cert-references>
    cert-references
  </cert-references>
  <cert-issuer>
    cert-issuer
  </cert-issuer>
  <cert-trust>
    cert-trust
  </cert-trust>
  <cert-root>
    cert-root
  </cert-root>
  <cert-crl>
    cert-crl
  </cert-crl>
```



```

<cert-before>
  cert-before
</cert-before>
<cert-after>
  cert-after
</cert-after>
<x509>....</x509>
</certificates>

```

Description Information about a single certificate

<certificates>

Usage

```

<certificate-information>
  <certificates>
    <cert-subject>
      cert-subject
    </cert-subject>
    <cert-serial>
      cert-serial
    </cert-serial>
    <cert-id>
      cert-id
    </cert-id>
    <cert-references>
      cert-references
    </cert-references>
    <cert-issuer>
      cert-issuer
    </cert-issuer>
    <cert-trust>
      cert-trust
    </cert-trust>
    <cert-root>
      cert-root
    </cert-root>
    <cert-crl>
      cert-crl
    </cert-crl>
    <cert-before>
      cert-before
    </cert-before>
    <cert-after>
      cert-after
    </cert-after>
    <x509>....</x509>
  </certificates>
</certificate-information>

```

Description Information about a single certificate

<crl>

Usage

```
<crl>
  <cert-issuer>
    cert-issuer
  </cert-issuer>
  <cert-id>
    cert-id
  </cert-id>
  <cert-references>
    cert-references
  </cert-references>
  <crl-list>....</crl-list>
</crl>
```

Description

<crl>

Usage

```
<crl-information>
  <crl>
    <cert-issuer>
      cert-issuer
    </cert-issuer>
    <cert-id>
      cert-id
    </cert-id>
    <cert-references>
      cert-references
    </cert-references>
    <crl-list>....</crl-list>
  </crl>
</crl-information>
```

Description

<crl-information>

Usage

```
<crl-information>
  <crl>....</crl>
</crl-information>
```

Description

<crl-issuer-alternate-subject-list>

Usage

```
<crl-issuer-alternate-subject-list>
  <crl-issuer-alternate-subject>
    crl-issuer-alternate-subject
```

```

    </crl-issuer-alternate-subject>
  </crl-issuer-alternate-subject-list>

```

Description

<crl-issuer-alternate-subject-list>

Usage

```

  <x509-crl-information>
    <crl-issuer-alternate-subject-list>
      <crl-issuer-alternate-subject>
        crl-issuer-alternate-subject
      </crl-issuer-alternate-subject>
    </crl-issuer-alternate-subject-list>
  </x509-crl-information>

```

Description

<crl-issuer-alternate-subject-list>

Usage

```

  <x509-pki-crl-information-list>
    <x509-crl-information>
      <crl-issuer-alternate-subject-list>
        <crl-issuer-alternate-subject>
          crl-issuer-alternate-subject
        </crl-issuer-alternate-subject>
      </crl-issuer-alternate-subject-list>
    </x509-crl-information>
  </x509-pki-crl-information-list>

```

Description

<crl-issuer-detail>

Usage

```

  <x509-crl-information>
    <crl-issuer-detail>
      <distinguished-name>....</distinguished-name>
    </crl-issuer-detail>
  </x509-crl-information>

```

Description Distinguished name of CRL issuer

<crl-issuer-detail>

Usage

```

  <x509-pki-crl-information-list>
    <x509-crl-information>
      <crl-issuer-detail>
        <distinguished-name>....</distinguished-name>
      </crl-issuer-detail>
    </x509-crl-information>
  </x509-pki-crl-information-list>

```

```
</x509-crl-information>
</x509-pki-crl-information-list>
```

Description Distinguished name of CRL issuer

<crl-list>

Usage

```
<crl>
  <crl-list>
    <serial>
      serial
    </serial>
    <revocation-date>
      revocation-date
    </revocation-date>
  </crl-list>
</crl>
```

Description Information about a single CRL entry

<crl-list>

Usage

```
<crl-list>
  <serial>
    serial
  </serial>
  <revocation-date>
    revocation-date
  </revocation-date>
</crl-list>
```

Description Information about a single CRL entry

<crl-list>

Usage

```
<crl-information>
  <crl>
    <crl-list>
      <serial>
        serial
      </serial>
      <revocation-date>
        revocation-date
      </revocation-date>
    </crl-list>
  </crl>
</crl-information>
```

Description Information about a single CRL entry

<crl-load-status>

Usage

```
<crl-load-status>
  <ca-profile-name>
    ca-profile-name
  </ca-profile-name>
</crl-load-status>
```

Description Status of manual load of certificate revocation list

<crl-revocation-list>

Usage

```
<crl-revocation-list>
  <revoked-cert-serial-number>
    revoked-cert-serial-number
  </revoked-cert-serial-number>
  <crl-revocation-date>
    crl-revocation-date
  </crl-revocation-date>
</crl-revocation-list>
```

Description

<crl-revocation-list>

Usage

```
<x509-crl-information>
  <crl-revocation-list>
    <revoked-cert-serial-number>
      revoked-cert-serial-number
    </revoked-cert-serial-number>
    <crl-revocation-date>
      crl-revocation-date
    </crl-revocation-date>
  </crl-revocation-list>
</x509-crl-information>
```

Description

<crl-revocation-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-revocation-list>
      <revoked-cert-serial-number>
        revoked-cert-serial-number
      </revoked-cert-serial-number>
    </crl-revocation-list>
  </x509-crl-information>
</x509-pki-crl-information-list>
```

```
<crl-revocation-date>
  crl-revocation-date
</crl-revocation-date>
</crl-revocation-list>
</x509-crl-information>
</x509-pki-crl-information-list>
```

Description

<crl-validity>

Usage

```
<crl-validity>
  <effective-date>
    effective-date
  </effective-date>
  <next-update>
    next-update
  </next-update>
</crl-validity>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>

Usage

```
<x509-crl-information>
  <crl-validity>
    <effective-date>
      effective-date
    </effective-date>
    <next-update>
      next-update
    </next-update>
  </crl-validity>
</x509-crl-information>
```

Description Information about validity period for X.509 certificate revocation list

<crl-validity>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-validity>
      <effective-date>
        effective-date
      </effective-date>
      <next-update>
        next-update
      </next-update>
    </crl-validity>
```

```

    </x509-crl-information>
  </x509-pki-crl-information-list>

```

Description Information about validity period for X.509 certificate revocation list

<db-stats>

Usage

```

  <certificate-information>
    <db-stats>
  </db-stats>
</certificate-information>

```

Description

<distinguished-name>

Usage

```

<distinguished-name>
  <organization-name>
    organization-name
  </organization-name>
  <organizational-unit-name>
    organizational-unit-name
  </organizational-unit-name>
  <country-name>
    country-name
  </country-name>
  <state-or-province-name>
    state-or-province-name
  </state-or-province-name>
  <locality-name>
    locality-name
  </locality-name>
  <common-name>
    common-name
  </common-name>
  <email-address>
    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>

```

Description

<distinguished-name>

Usage

```

<x509-certificate-info>
  <issuer>
    <distinguished-name>

```

```
<organization-name>
  organization-name
</organization-name>
<organizational-unit-name>
  organizational-unit-name
</organizational-unit-name>
<country-name>
  country-name
</country-name>
<state-or-province-name>
  state-or-province-name
</state-or-province-name>
<locality-name>
  locality-name
</locality-name>
<common-name>
  common-name
</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</issuer>
</x509-certificate-info>
```

Description

<distinguished-name>

Usage

```
<x509-certificate-info>
  <subject>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
```



```

    email-address
  </email-address>
  <domain-component>
    domain-component
  </domain-component>
</distinguished-name>
</subject>
</x509-certificate-info>

```

Description

<distinguished-name>

Usage

```

<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </crl-issuer-detail>
</x509-crl-information>

```

Description

<distinguished-name>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>

```

```
<organization-name>
  organization-name
</organization-name>
<organizational-unit-name>
  organizational-unit-name
</organizational-unit-name>
<country-name>
  country-name
</country-name>
<state-or-province-name>
  state-or-province-name
</state-or-province-name>
<locality-name>
  locality-name
</locality-name>
<common-name>
  common-name
</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</issuer>
</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<distinguished-name>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>
        <organization-name>
          organization-name
        </organization-name>
        <organizational-unit-name>
          organizational-unit-name
        </organizational-unit-name>
        <country-name>
          country-name
        </country-name>
        <state-or-province-name>
          state-or-province-name
        </state-or-province-name>
        <locality-name>
          locality-name
        </locality-name>
        <common-name>
          common-name
```

```

</common-name>
<email-address>
  email-address
</email-address>
<domain-component>
  domain-component
</domain-component>
</distinguished-name>
</subject>
</x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description

<distinguished-name>

Usage

```

<x509-pki-crl-information-list>
<x509-crl-information>
  <crl-issuer-detail>
    <distinguished-name>
      <organization-name>
        organization-name
      </organization-name>
      <organizational-unit-name>
        organizational-unit-name
      </organizational-unit-name>
      <country-name>
        country-name
      </country-name>
      <state-or-province-name>
        state-or-province-name
      </state-or-province-name>
      <locality-name>
        locality-name
      </locality-name>
      <common-name>
        common-name
      </common-name>
      <email-address>
        email-address
      </email-address>
      <domain-component>
        domain-component
      </domain-component>
    </distinguished-name>
  </crl-issuer-detail>
</x509-crl-information>
</x509-pki-crl-information-list>

```

Description

<distribution-crl-list>

Usage

```
<distribution-crl-list>
  <distribution-crl>
    distribution-crl
  </distribution-crl>
</distribution-crl-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-info>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</x509-certificate-info>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <distribution-crl-list>
      <distribution-crl>
        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info>
  <distribution-crl-list>
    <distribution-crl>
      distribution-crl
    </distribution-crl>
  </distribution-crl-list>
</x509-certificate-cache-info>
```

Description Information about one or more distribution certificate revocation lists

<distribution-crl-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <distribution-crl-list>
      <distribution-crl>
        distribution-crl
      </distribution-crl>
    </distribution-crl-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about one or more distribution certificate revocation lists

<error-statistics>

Usage

```
<ipsec-service-set-statistics>
  <ipsec-statistics>
    <error-statistics>
      <ah-authentication-failures>
        ah-authentication-failures
      </ah-authentication-failures>
      <replay-errors>
        replay-errors
      </replay-errors>
      <esp-authentication-failures>
        esp-authentication-failures
      </esp-authentication-failures>
      <esp-decryption-failures>
        esp-decryption-failures
      </esp-decryption-failures>
      <replay-pkts>
        replay-pkts
      </replay-pkts>
      <replay-before-window-drops>
        replay-before-window-drops
      </replay-before-window-drops>
      <bad-headers>
        bad-headers
      </bad-headers>
      <bad-trailers>
        bad-trailers
      </bad-trailers>
      <flow-errors>
        flow-errors
      </flow-errors>
      <no-sa-errors>
        no-sa-errors
      </no-sa-errors>
      <ip-integrity-errors>
```

```
    ip-integrity-errors
  </ip-integrity-errors>
  <exceeds-tunnel-mtu>
    exceeds-tunnel-mtu
  </exceeds-tunnel-mtu>
  <rule-lookup-fail>
    rule-lookup-fail
  </rule-lookup-fail>
  <misc-errors>
    misc-errors
  </misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
```

Description

<error-statistics>

Usage

```
<ipsec-total-statistics>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <error-statistics>
        <ah-authentication-failures>
          ah-authentication-failures
        </ah-authentication-failures>
        <replay-errors>
          replay-errors
        </replay-errors>
        <esp-authentication-failures>
          esp-authentication-failures
        </esp-authentication-failures>
        <esp-decryption-failures>
          esp-decryption-failures
        </esp-decryption-failures>
        <replay-pkts>
          replay-pkts
        </replay-pkts>
        <replay-before-window-drops>
          replay-before-window-drops
        </replay-before-window-drops>
        <bad-headers>
          bad-headers
        </bad-headers>
        <bad-trailers>
          bad-trailers
        </bad-trailers>
        <flow-errors>
          flow-errors
        </flow-errors>
        <no-sa-errors>
          no-sa-errors
        </no-sa-errors>
        <ip-integrity-errors>
```

```

    ip-integrity-errors
  </ip-integrity-errors>
  <exceeds-tunnel-mtu>
    exceeds-tunnel-mtu
  </exceeds-tunnel-mtu>
  <rule-lookup-fail>
    rule-lookup-fail
  </rule-lookup-fail>
  <misc-errors>
    misc-errors
  </misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>

```

Description

<error-statistics>

Usage

```

<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <error-statistics>
        <ah-authentication-failures>
          ah-authentication-failures
        </ah-authentication-failures>
        <replay-errors>
          replay-errors
        </replay-errors>
        <esp-authentication-failures>
          esp-authentication-failures
        </esp-authentication-failures>
        <esp-decryption-failures>
          esp-decryption-failures
        </esp-decryption-failures>
        <replay-pkts>
          replay-pkts
        </replay-pkts>
        <replay-before-window-drops>
          replay-before-window-drops
        </replay-before-window-drops>
        <bad-headers>
          bad-headers
        </bad-headers>
        <bad-trailers>
          bad-trailers
        </bad-trailers>
        <flow-errors>
          flow-errors
        </flow-errors>
        <no-sa-errors>
          no-sa-errors
        </no-sa-errors>
      </error-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics-information>

```

```
<ip-integrity-errors>
  ip-integrity-errors
</ip-integrity-errors>
<exceeds-tunnel-mtu>
  exceeds-tunnel-mtu
</exceeds-tunnel-mtu>
<rule-lookup-fail>
  rule-lookup-fail
</rule-lookup-fail>
<misc-errors>
  misc-errors
</misc-errors>
</error-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<error-statistics>

Usage

```
<usp-ipsec-total-statistics-information>
  <error-statistics>
    <ah-authentication-failures>
      ah-authentication-failures
    </ah-authentication-failures>
    <replay-errors>
      replay-errors
    </replay-errors>
    <esp-authentication-failures>
      esp-authentication-failures
    </esp-authentication-failures>
    <esp-decryption-failures>
      esp-decryption-failures
    </esp-decryption-failures>
    <replay-pkts>
      replay-pkts
    </replay-pkts>
    <replay-before-window-drops>
      replay-before-window-drops
    </replay-before-window-drops>
    <bad-headers>
      bad-headers
    </bad-headers>
    <bad-trailers>
      bad-trailers
    </bad-trailers>
    <flow-errors>
      flow-errors
    </flow-errors>
    <no-sa-errors>
      no-sa-errors
    </no-sa-errors>
    <ip-integrity-errors>
```



```

    ip-integrity-errors
  </ip-integrity-errors>
  <exceeds-tunnel-mtu>
    exceeds-tunnel-mtu
  </exceeds-tunnel-mtu>
  <rule-lookup-fail>
    rule-lookup-fail
  </rule-lookup-fail>
  <misc-errors>
    misc-errors
  </misc-errors>
</error-statistics>
</usp-ipsec-total-statistics-information>

```

Description

<esp-statistics>

Usage

```

<ipsec-service-set-statistics>
  <ipsec-statistics>
    <esp-statistics>
      <esp-encrypted-bytes>
        esp-encrypted-bytes
      </esp-encrypted-bytes>
      <esp-decryptd-bytes>
        esp-decryptd-bytes
      </esp-decryptd-bytes>
      <esp-encrypted-packets>
        esp-encrypted-packets
      </esp-encrypted-packets>
      <esp-decryptd-packets>
        esp-decryptd-packets
      </esp-decryptd-packets>
    </esp-statistics>
  </ipsec-statistics>
</ipsec-service-set-statistics>

```

Description

<esp-statistics>

Usage

```

<ipsec-total-statistics>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <esp-statistics>
        <esp-encrypted-bytes>
          esp-encrypted-bytes
        </esp-encrypted-bytes>
        <esp-decryptd-bytes>
          esp-decryptd-bytes
        </esp-decryptd-bytes>
        <esp-encrypted-packets>

```

```
    esp-encrypted-packets
  </esp-encrypted-packets>
  <esp-decryptd-packets>
    esp-decryptd-packets
  </esp-decryptd-packets>
</esp-statistics>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<esp-statistics>

Usage

```
<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <ipsec-statistics>
      <esp-statistics>
        <esp-encrypted-bytes>
          esp-encrypted-bytes
        </esp-encrypted-bytes>
        <esp-decryptd-bytes>
          esp-decryptd-bytes
        </esp-decryptd-bytes>
        <esp-encrypted-packets>
          esp-encrypted-packets
        </esp-encrypted-packets>
        <esp-decryptd-packets>
          esp-decryptd-packets
        </esp-decryptd-packets>
      </esp-statistics>
    </ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<esp-statistics>

Usage

```
<usp-ipsec-total-statistics-information>
  <esp-statistics>
    <esp-encrypted-bytes>
      esp-encrypted-bytes
    </esp-encrypted-bytes>
    <esp-decryptd-bytes>
      esp-decryptd-bytes
    </esp-decryptd-bytes>
    <esp-encrypted-packets>
      esp-encrypted-packets
    </esp-encrypted-packets>
    <esp-decryptd-packets>
      esp-decryptd-packets
    </esp-decryptd-packets>
```

```

    </esp-decrypt-packets>
  </esp-statistics>
</usp-ipsec-total-statistics-information>

```

Description**<fingerprint>****Usage**

```

<fingerprint>
  <fingerprint-hash-algorithm>
    fingerprint-hash-algorithm
  </fingerprint-hash-algorithm>
  <fingerprint-content>
    fingerprint-content
  </fingerprint-content>
</fingerprint>

```

Description Fingerprint**<fingerprint>****Usage**

```

<x509-certificate-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-info>

```

Description Fingerprint**<fingerprint>****Usage**

```

<cert-ca-manual-load>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-ca-manual-load>

```

Description Fingerprint

<fingerprint>

Usage

```
<cert-request-dump>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</cert-request-dump>
```

Description Fingerprint

<fingerprint>

Usage

```
<ca-certificate-enroll>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</ca-certificate-enroll>
```

Description Fingerprint

<fingerprint>

Usage

```
<ca-certificate-enroll-list>
  <ca-certificate-enroll>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </ca-certificate-enroll>
</ca-certificate-enroll-list>
```

Description Fingerprint

<fingerprint>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description Fingerprint

<fingerprint>**Usage**

```

<x509-certificate-cache-info>
  <fingerprint>
    <fingerprint-hash-algorithm>
      fingerprint-hash-algorithm
    </fingerprint-hash-algorithm>
    <fingerprint-content>
      fingerprint-content
    </fingerprint-content>
  </fingerprint>
</x509-certificate-cache-info>

```

Description Fingerprint

<fingerprint>**Usage**

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <fingerprint>
      <fingerprint-hash-algorithm>
        fingerprint-hash-algorithm
      </fingerprint-hash-algorithm>
      <fingerprint-content>
        fingerprint-content
      </fingerprint-content>
    </fingerprint>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description Fingerprint

<fips-pic-status>

Usage

```
<fips-pic-status>
  <fpc-slot>
    fpc-slot
  </fpc-slot>
  <pic-slot>
    pic-slot
  </pic-slot>
  <serial-number>
    serial-number
  </serial-number>
  <authorization-status>
    authorization-status
  </authorization-status>
</fips-pic-status>
```

Description

<fips-pic-status>

Usage

```
<fips-pic-status-information>
  <fips-pic-status>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <pic-slot>
      pic-slot
    </pic-slot>
    <serial-number>
      serial-number
    </serial-number>
    <authorization-status>
      authorization-status
    </authorization-status>
  </fips-pic-status>
</fips-pic-status-information>
```

Description

<fips-pic-status-information>

Usage

```
<fips-pic-status-information>
  <fips-pic-status>.....</fips-pic-status>
</fips-pic-status-information>
```

Description

<gvpn-kek-security-associations-information>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-sa-location>....</ike-sa-location>
  <ike-security-associations>....</ike-security-associations>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <kek-security-associations>....</kek-security-associations>
  <ike-security-associations-block>....</ike-security-associations-block>
</gvpn-kek-security-associations-information>

```

Description

<ike-active-peers>

Usage

```

<ike-active-peers>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-ike-id>
    ike-ike-id
  </ike-ike-id>
  <ike-xauth-username>
    ike-xauth-username
  </ike-xauth-username>
  <ike-xauth-user-assigned-ip>
    ike-xauth-user-assigned-ip
  </ike-xauth-user-assigned-ip>
  <ike-xauth-user-assigned-mask>
    ike-xauth-user-assigned-mask
  </ike-xauth-user-assigned-mask>
  <ike-xauth-user-assigned-dns>
    ike-xauth-user-assigned-dns
  </ike-xauth-user-assigned-dns>
  <ike-xauth-user-assigned-dns2>
    ike-xauth-user-assigned-dns2
  </ike-xauth-user-assigned-dns2>
  <ike-xauth-user-assigned-wins>
    ike-xauth-user-assigned-wins
  </ike-xauth-user-assigned-wins>
  <ike-xauth-user-assigned-wins2>
    ike-xauth-user-assigned-wins2
  </ike-xauth-user-assigned-wins2>
</ike-active-peers>

```

Description IKE active peer and XAUTH assigned IP

<ike-active-peers>

Usage

```
<ike-active-peers-block>
  <ike-active-peers>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-ike-id>
      ike-ike-id
    </ike-ike-id>
    <ike-xauth-username>
      ike-xauth-username
    </ike-xauth-username>
    <ike-xauth-user-assigned-ip>
      ike-xauth-user-assigned-ip
    </ike-xauth-user-assigned-ip>
    <ike-xauth-user-assigned-mask>
      ike-xauth-user-assigned-mask
    </ike-xauth-user-assigned-mask>
    <ike-xauth-user-assigned-dns>
      ike-xauth-user-assigned-dns
    </ike-xauth-user-assigned-dns>
    <ike-xauth-user-assigned-dns2>
      ike-xauth-user-assigned-dns2
    </ike-xauth-user-assigned-dns2>
    <ike-xauth-user-assigned-wins>
      ike-xauth-user-assigned-wins
    </ike-xauth-user-assigned-wins>
    <ike-xauth-user-assigned-wins2>
      ike-xauth-user-assigned-wins2
    </ike-xauth-user-assigned-wins2>
  </ike-active-peers>
</ike-active-peers-block>
```

Description IKE active peer and XAUTH assigned IP

<ike-active-peers>

Usage

```
<ike-active-peers-information>
  <ike-active-peers>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-ike-id>
      ike-ike-id
    </ike-ike-id>
```



```

<ike-xauth-username>
  ike-xauth-username
</ike-xauth-username>
<ike-xauth-user-assigned-ip>
  ike-xauth-user-assigned-ip
</ike-xauth-user-assigned-ip>
<ike-xauth-user-assigned-mask>
  ike-xauth-user-assigned-mask
</ike-xauth-user-assigned-mask>
<ike-xauth-user-assigned-dns>
  ike-xauth-user-assigned-dns
</ike-xauth-user-assigned-dns>
<ike-xauth-user-assigned-dns2>
  ike-xauth-user-assigned-dns2
</ike-xauth-user-assigned-dns2>
<ike-xauth-user-assigned-wins>
  ike-xauth-user-assigned-wins
</ike-xauth-user-assigned-wins>
<ike-xauth-user-assigned-wins2>
  ike-xauth-user-assigned-wins2
</ike-xauth-user-assigned-wins2>
</ike-active-peers>
</ike-active-peers-information>

```

Description IKE active peer and XAUTH assigned IP

<ike-active-peers>

Usage

```

<ike-active-peers-information>
<ike-active-peers-block>
  <ike-active-peers>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-ike-id>
      ike-ike-id
    </ike-ike-id>
    <ike-xauth-username>
      ike-xauth-username
    </ike-xauth-username>
    <ike-xauth-user-assigned-ip>
      ike-xauth-user-assigned-ip
    </ike-xauth-user-assigned-ip>
    <ike-xauth-user-assigned-mask>
      ike-xauth-user-assigned-mask
    </ike-xauth-user-assigned-mask>
    <ike-xauth-user-assigned-dns>
      ike-xauth-user-assigned-dns
    </ike-xauth-user-assigned-dns>
    <ike-xauth-user-assigned-dns2>

```

```
    ike-xauth-user-assigned-dns2
  </ike-xauth-user-assigned-dns2>
  <ike-xauth-user-assigned-wins>
    ike-xauth-user-assigned-wins
  </ike-xauth-user-assigned-wins>
  <ike-xauth-user-assigned-wins2>
    ike-xauth-user-assigned-wins2
  </ike-xauth-user-assigned-wins2>
</ike-active-peers>
</ike-active-peers-block>
</ike-active-peers-information>
```

Description IKE active peer and XAUTH assigned IP

<ike-active-peers-block>

Usage

```
<ike-active-peers-block>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-ike-id>
    ike-ike-id
  </ike-ike-id>
  <ike-xauth-username>
    ike-xauth-username
  </ike-xauth-username>
  <ike-active-peers>....</ike-active-peers>
</ike-active-peers-block>
```

Description IKE active peer

<ike-active-peers-block>

Usage

```
<ike-active-peers-information>
  <ike-active-peers-block>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-ike-id>
      ike-ike-id
    </ike-ike-id>
    <ike-xauth-username>
      ike-xauth-username
    </ike-xauth-username>
    <ike-active-peers>....</ike-active-peers>
```

```

    </ike-active-peers-block>
  </ike-active-peers-information>

```

Description IKE active peer

<ike-active-peers-information>

Usage

```

<ike-active-peers-information>
  <ike-active-peers>....</ike-active-peers>
  <ike-active-peers-block>....</ike-active-peers-block>
</ike-active-peers-information>

```

Description

<ike-sa-algorithms>

Usage

```

<ike-sa-algorithms>
  <ike-sa-authentication-algorithm>
    ike-sa-authentication-algorithm
  </ike-sa-authentication-algorithm>
  <ike-sa-encryption-algorithm>
    ike-sa-encryption-algorithm
  </ike-sa-encryption-algorithm>
  <ike-sa-prf-algorithm>
    ike-sa-prf-algorithm
  </ike-sa-prf-algorithm>
  <ike-sa-dhgroup>
    ike-sa-dhgroup
  </ike-sa-dhgroup>
</ike-sa-algorithms>

```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```

<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>

```

```
</ike-sa-algorithms>
</ike-security-associations>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<ike-security-associations-block>
<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>
</ike-security-associations>
</ike-security-associations-block>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<ike-security-associations-information>
<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>
</ike-security-associations>
</ike-security-associations-information>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<ike-security-associations-information>
<ike-security-associations-block>
<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>
</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<gvpn-kek-security-associations-information>
<ike-security-associations>
  <ike-sa-algorithms>
    <ike-sa-authentication-algorithm>
      ike-sa-authentication-algorithm
    </ike-sa-authentication-algorithm>
    <ike-sa-encryption-algorithm>
      ike-sa-encryption-algorithm
    </ike-sa-encryption-algorithm>
    <ike-sa-prf-algorithm>
      ike-sa-prf-algorithm
    </ike-sa-prf-algorithm>
    <ike-sa-dhgroup>
      ike-sa-dhgroup
    </ike-sa-dhgroup>
  </ike-sa-algorithms>
</ike-security-associations>
</gvpn-kek-security-associations-information>
```

Description Algorithms used with the SA information

<ike-sa-algorithms>

Usage

```
<gvpn-kek-security-associations-information>
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-algorithms>
      <ike-sa-authentication-algorithm>
        ike-sa-authentication-algorithm
      </ike-sa-authentication-algorithm>
      <ike-sa-encryption-algorithm>
        ike-sa-encryption-algorithm
      </ike-sa-encryption-algorithm>
      <ike-sa-prf-algorithm>
        ike-sa-prf-algorithm
      </ike-sa-prf-algorithm>
      <ike-sa-dhgroup>
        ike-sa-dhgroup
      </ike-sa-dhgroup>
    </ike-sa-algorithms>
  </ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description Algorithms used with the SA information

<ike-sa-location>

Usage

```
<ike-security-associations-block>
  <ike-sa-location>
    <ike-sa-fpc>
      ike-sa-fpc
    </ike-sa-fpc>
    <ike-sa-pic>
      ike-sa-pic
    </ike-sa-pic>
    <ike-sa-kmd-instance>
      ike-sa-kmd-instance
    </ike-sa-kmd-instance>
  </ike-sa-location>
</ike-security-associations-block>
```

Description Location where SA is processed

<ike-sa-location>

Usage

```
<ike-sa-location>
  <ike-sa-fpc>
    ike-sa-fpc
  </ike-sa-fpc>
```

```

<ike-sa-pic>
  ike-sa-pic
</ike-sa-pic>
<ike-sa-kmd-instance>
  ike-sa-kmd-instance
</ike-sa-kmd-instance>
</ike-sa-location>

```

Description Location where SA is processed

<ike-sa-location>

Usage

```

<ike-security-associations-information>
  <ike-sa-location>
    <ike-sa-fpc>
      ike-sa-fpc
    </ike-sa-fpc>
    <ike-sa-pic>
      ike-sa-pic
    </ike-sa-pic>
    <ike-sa-kmd-instance>
      ike-sa-kmd-instance
    </ike-sa-kmd-instance>
  </ike-sa-location>
</ike-security-associations-information>

```

Description Location where SA is processed

<ike-sa-location>

Usage

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-sa-location>
      <ike-sa-fpc>
        ike-sa-fpc
      </ike-sa-fpc>
      <ike-sa-pic>
        ike-sa-pic
      </ike-sa-pic>
      <ike-sa-kmd-instance>
        ike-sa-kmd-instance
      </ike-sa-kmd-instance>
    </ike-sa-location>
  </ike-security-associations-block>
</ike-security-associations-information>

```

Description Location where SA is processed

<ike-sa-location>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-sa-location>
    <ike-sa-fpc>
      ike-sa-fpc
    </ike-sa-fpc>
    <ike-sa-pic>
      ike-sa-pic
    </ike-sa-pic>
    <ike-sa-kmd-instance>
      ike-sa-kmd-instance
    </ike-sa-kmd-instance>
  </ike-sa-location>
</gvpn-kek-security-associations-information>
```

Description Location where SA is processed

<ike-sa-location>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-sa-location>
      <ike-sa-fpc>
        ike-sa-fpc
      </ike-sa-fpc>
      <ike-sa-pic>
        ike-sa-pic
      </ike-sa-pic>
      <ike-sa-kmd-instance>
        ike-sa-kmd-instance
      </ike-sa-kmd-instance>
    </ike-sa-location>
  </ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description Location where SA is processed

<ike-sa-location>

Usage

```
<ike-stats-information>
  <ike-sa-location>
    <ike-sa-fpc>
      ike-sa-fpc
    </ike-sa-fpc>
    <ike-sa-pic>
      ike-sa-pic
    </ike-sa-pic>
    <ike-sa-kmd-instance>
```



```

    ike-sa-kmd-instance
  </ike-sa-kmd-instance>
</ike-sa-location>
</ike-stats-information>

```

Description Location where SA is processed

<ike-sa-misc>

Usage

```

<ike-sa-misc>
  <ike-sa-flags>
    ike-sa-flags
  </ike-sa-flags>
  <ike-sa-num-ipsec-sas-created>
    ike-sa-num-ipsec-sas-created
  </ike-sa-num-ipsec-sas-created>
  <ike-sa-num-ipsec-sas-deleted>
    ike-sa-num-ipsec-sas-deleted
  </ike-sa-num-ipsec-sas-deleted>
  <ike-sa-num-phase2-negotiations>
    ike-sa-num-phase2-negotiations
  </ike-sa-num-phase2-negotiations>
</ike-sa-misc>

```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```

<ike-security-associations>
  <ike-sa-misc>
    <ike-sa-flags>
      ike-sa-flags
    </ike-sa-flags>
    <ike-sa-num-ipsec-sas-created>
      ike-sa-num-ipsec-sas-created
    </ike-sa-num-ipsec-sas-created>
    <ike-sa-num-ipsec-sas-deleted>
      ike-sa-num-ipsec-sas-deleted
    </ike-sa-num-ipsec-sas-deleted>
    <ike-sa-num-phase2-negotiations>
      ike-sa-num-phase2-negotiations
    </ike-sa-num-phase2-negotiations>
  </ike-sa-misc>
</ike-security-associations>

```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</ike-security-associations-information>
```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```
<ike-security-associations-information>
```

```

<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>

```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <ike-sa-misc>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
      <ike-sa-num-ipsec-sas-created>
        ike-sa-num-ipsec-sas-created
      </ike-sa-num-ipsec-sas-created>
      <ike-sa-num-ipsec-sas-deleted>
        ike-sa-num-ipsec-sas-deleted
      </ike-sa-num-ipsec-sas-deleted>
      <ike-sa-num-phase2-negotiations>
        ike-sa-num-phase2-negotiations
      </ike-sa-num-phase2-negotiations>
    </ike-sa-misc>
  </ike-security-associations>
</gvpn-kek-security-associations-information>

```

Description Miscellaneous IKE SA information

<ike-sa-misc>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-misc>

```

```
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
<ike-sa-num-ipsec-sas-created>
  ike-sa-num-ipsec-sas-created
</ike-sa-num-ipsec-sas-created>
<ike-sa-num-ipsec-sas-deleted>
  ike-sa-num-ipsec-sas-deleted
</ike-sa-num-ipsec-sas-deleted>
<ike-sa-num-phase2-negotiations>
  ike-sa-num-phase2-negotiations
</ike-sa-num-phase2-negotiations>
</ike-sa-misc>
</ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description Miscellaneous IKE SA information

<ike-sa-phase2-information>

Usage

```
<ike-sa-phase2-information>
  <ike-sa-phase2-type>
    ike-sa-phase2-type
  </ike-sa-phase2-type>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-msg-id>
    ike-sa-msg-id
  </ike-sa-msg-id>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
  <ike-sa-remote-id>
    ike-sa-remote-id
  </ike-sa-remote-id>
  <ike-sa-flags>
    ike-sa-flags
  </ike-sa-flags>
```

</ike-sa-phase2-information>

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations>
  <ike-sa-phase2-information>
    <ike-sa-phase2-type>
      ike-sa-phase2-type
    </ike-sa-phase2-type>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-msg-id>
      ike-sa-msg-id
    </ike-sa-msg-id>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-remote-port>
      ike-sa-remote-port
    </ike-sa-remote-port>
    <ike-sa-local-id>
      ike-sa-local-id
    </ike-sa-local-id>
    <ike-sa-remote-id>
      ike-sa-remote-id
    </ike-sa-remote-id>
    <ike-sa-flags>
      ike-sa-flags
    </ike-sa-flags>
  </ike-sa-phase2-information>
</ike-security-associations>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
```

```
<ike-sa-role>
  ike-sa-role
</ike-sa-role>
<ike-sa-msg-id>
  ike-sa-msg-id
</ike-sa-msg-id>
<ike-sa-local-address>
  ike-sa-local-address
</ike-sa-local-address>
<ike-sa-local-port>
  ike-sa-local-port
</ike-sa-local-port>
<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-local-id>
  ike-sa-local-id
</ike-sa-local-id>
<ike-sa-remote-id>
  ike-sa-remote-id
</ike-sa-remote-id>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations>
</ike-security-associations-block>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-information>
<ike-security-associations>
  <ike-sa-phase2-information>
    <ike-sa-phase2-type>
      ike-sa-phase2-type
    </ike-sa-phase2-type>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-msg-id>
      ike-sa-msg-id
    </ike-sa-msg-id>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
```

```

<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-local-id>
  ike-sa-local-id
</ike-sa-local-id>
<ike-sa-remote-id>
  ike-sa-remote-id
</ike-sa-remote-id>
<ike-sa-flags>
  ike-sa-flags
</ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations>
</ike-security-associations-information>

```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```

<ike-security-associations-information>
<ike-sa-phase2-information>
  <ike-sa-phase2-type>
    ike-sa-phase2-type
  </ike-sa-phase2-type>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-msg-id>
    ike-sa-msg-id
  </ike-sa-msg-id>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
  <ike-sa-remote-id>
    ike-sa-remote-id
  </ike-sa-remote-id>
  <ike-sa-flags>

```

```
    ike-sa-flags
  </ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations-information>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<ike-security-associations-information>
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
      <ike-sa-msg-id>
        ike-sa-msg-id
      </ike-sa-msg-id>
      <ike-sa-local-address>
        ike-sa-local-address
      </ike-sa-local-address>
      <ike-sa-local-port>
        ike-sa-local-port
      </ike-sa-local-port>
      <ike-sa-remote-address>
        ike-sa-remote-address
      </ike-sa-remote-address>
      <ike-sa-remote-port>
        ike-sa-remote-port
      </ike-sa-remote-port>
      <ike-sa-local-id>
        ike-sa-local-id
      </ike-sa-local-id>
      <ike-sa-remote-id>
        ike-sa-remote-id
      </ike-sa-remote-id>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
    </ike-sa-phase2-information>
  </ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>**Usage**

```

<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
      <ike-sa-msg-id>
        ike-sa-msg-id
      </ike-sa-msg-id>
      <ike-sa-local-address>
        ike-sa-local-address
      </ike-sa-local-address>
      <ike-sa-local-port>
        ike-sa-local-port
      </ike-sa-local-port>
      <ike-sa-remote-address>
        ike-sa-remote-address
      </ike-sa-remote-address>
      <ike-sa-remote-port>
        ike-sa-remote-port
      </ike-sa-remote-port>
      <ike-sa-local-id>
        ike-sa-local-id
      </ike-sa-local-id>
      <ike-sa-remote-id>
        ike-sa-remote-id
      </ike-sa-remote-id>
      <ike-sa-flags>
        ike-sa-flags
      </ike-sa-flags>
    </ike-sa-phase2-information>
  </ike-security-associations>
</gvpn-kek-security-associations-information>

```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>**Usage**

```

<gvpn-kek-security-associations-information>
  <ike-sa-phase2-information>
    <ike-sa-phase2-type>
      ike-sa-phase2-type
    </ike-sa-phase2-type>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-msg-id>

```

```
    ike-sa-msg-id
  </ike-sa-msg-id>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
  <ike-sa-remote-id>
    ike-sa-remote-id
  </ike-sa-remote-id>
  <ike-sa-flags>
    ike-sa-flags
  </ike-sa-flags>
</ike-sa-phase2-information>
</gvpn-kek-security-associations-information>
```

Description Information about phase 2 negotiation

<ike-sa-phase2-information>

Usage

```
<gvpn-kek-security-associations-information>
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-phase2-information>
      <ike-sa-phase2-type>
        ike-sa-phase2-type
      </ike-sa-phase2-type>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
      <ike-sa-msg-id>
        ike-sa-msg-id
      </ike-sa-msg-id>
      <ike-sa-local-address>
        ike-sa-local-address
      </ike-sa-local-address>
      <ike-sa-local-port>
        ike-sa-local-port
      </ike-sa-local-port>
      <ike-sa-remote-address>
        ike-sa-remote-address
      </ike-sa-remote-address>
      <ike-sa-remote-port>
```

```

    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-local-id>
    ike-sa-local-id
  </ike-sa-local-id>
  <ike-sa-remote-id>
    ike-sa-remote-id
  </ike-sa-remote-id>
  <ike-sa-flags>
    ike-sa-flags
  </ike-sa-flags>
</ike-sa-phase2-information>
</ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>

```

Description Information about phase 2 negotiation

<ike-sa-traffic-statistics>

Usage

```

<ike-sa-traffic-statistics>
  <ike-sa-input-packets>
    ike-sa-input-packets
  </ike-sa-input-packets>
  <ike-sa-output-packets>
    ike-sa-output-packets
  </ike-sa-output-packets>
  <ike-sa-input-bytes>
    ike-sa-input-bytes
  </ike-sa-input-bytes>
  <ike-sa-output-bytes>
    ike-sa-output-bytes
  </ike-sa-output-bytes>
</ike-sa-traffic-statistics>

```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```

<ike-security-associations>
  <ike-sa-traffic-statistics>
    <ike-sa-input-packets>
      ike-sa-input-packets
    </ike-sa-input-packets>
    <ike-sa-output-packets>
      ike-sa-output-packets
    </ike-sa-output-packets>
    <ike-sa-input-bytes>
      ike-sa-input-bytes
    </ike-sa-input-bytes>
    <ike-sa-output-bytes>

```

```
    ike-sa-output-bytes
  </ike-sa-output-bytes>
</ike-sa-traffic-statistics>
</ike-security-associations>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</ike-security-associations-information>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-traffic-statistics>
        <ike-sa-input-packets>
          ike-sa-input-packets
        </ike-sa-input-packets>
        <ike-sa-output-packets>
          ike-sa-output-packets
        </ike-sa-output-packets>
        <ike-sa-input-bytes>
          ike-sa-input-bytes
        </ike-sa-input-bytes>
        <ike-sa-output-bytes>
          ike-sa-output-bytes
        </ike-sa-output-bytes>
      </ike-sa-traffic-statistics>
    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <ike-sa-traffic-statistics>
      <ike-sa-input-packets>
        ike-sa-input-packets
      </ike-sa-input-packets>
      <ike-sa-output-packets>
        ike-sa-output-packets
      </ike-sa-output-packets>
      <ike-sa-input-bytes>
        ike-sa-input-bytes
      </ike-sa-input-bytes>
      <ike-sa-output-bytes>
        ike-sa-output-bytes
      </ike-sa-output-bytes>
    </ike-sa-traffic-statistics>
  </ike-security-associations>
</gvpn-kek-security-associations-information>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-sa-traffic-statistics>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-traffic-statistics>
        <ike-sa-input-packets>
          ike-sa-input-packets
        </ike-sa-input-packets>
        <ike-sa-output-packets>
          ike-sa-output-packets
        </ike-sa-output-packets>
        <ike-sa-input-bytes>
          ike-sa-input-bytes
        </ike-sa-input-bytes>
        <ike-sa-output-bytes>
          ike-sa-output-bytes
        </ike-sa-output-bytes>
      </ike-sa-traffic-statistics>
    </ike-security-associations>
  </ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description Number of packets and bytes received and transmitted on the SA

<ike-security-associations>

Usage

```
<ike-security-associations>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-state>
    ike-sa-state
  </ike-sa-state>
  <ike-sa-initiator-cookie>
    ike-sa-initiator-cookie
  </ike-sa-initiator-cookie>
  <ike-sa-responder-cookie>
    ike-sa-responder-cookie
  </ike-sa-responder-cookie>
  <ike-sa-exchange-type>
    ike-sa-exchange-type
  </ike-sa-exchange-type>
  <ike-sa-authentication-method>
    ike-sa-authentication-method
  </ike-sa-authentication-method>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
```

```

<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-lifetime>
  ike-sa-lifetime
</ike-sa-lifetime>
<ike-sa-algorithms>....</ike-sa-algorithms>
<ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
<ike-sa-misc>....</ike-sa-misc>
<ike-sa-index>
  ike-sa-index
</ike-sa-index>
<ike-xauth-user-info>....</ike-xauth-user-info>
<ike-sa-phase2-information>....</ike-sa-phase2-information>
<kek-sa-misc>....</kek-sa-misc>
<kek-sa-group-info>....</kek-sa-group-info>
<kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>

```

Description Information about a single security association

<ike-security-associations>

Usage

```

<ike-security-associations-block>
  <ike-security-associations>
    <ike-sa-role>
      ike-sa-role
    </ike-sa-role>
    <ike-sa-state>
      ike-sa-state
    </ike-sa-state>
    <ike-sa-initiator-cookie>
      ike-sa-initiator-cookie
    </ike-sa-initiator-cookie>
    <ike-sa-responder-cookie>
      ike-sa-responder-cookie
    </ike-sa-responder-cookie>
    <ike-sa-exchange-type>
      ike-sa-exchange-type
    </ike-sa-exchange-type>
    <ike-sa-authentication-method>
      ike-sa-authentication-method
    </ike-sa-authentication-method>
    <ike-sa-local-address>
      ike-sa-local-address
    </ike-sa-local-address>
    <ike-sa-local-port>
      ike-sa-local-port
    </ike-sa-local-port>
    <ike-sa-remote-address>

```

```
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-lifetime>
    ike-sa-lifetime
  </ike-sa-lifetime>
  <ike-sa-algorithms>....</ike-sa-algorithms>
  <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
  <ike-sa-misc>....</ike-sa-misc>
  <ike-sa-index>
    ike-sa-index
  </ike-sa-index>
  <ike-xauth-user-info>....</ike-xauth-user-info>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <kek-sa-misc>....</kek-sa-misc>
  <kek-sa-group-info>....</kek-sa-group-info>
  <kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
```

Description Information about a single security association

<ike-security-associations>

Usage

```
<ike-security-associations-information>
<ike-security-associations>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-state>
    ike-sa-state
  </ike-sa-state>
  <ike-sa-initiator-cookie>
    ike-sa-initiator-cookie
  </ike-sa-initiator-cookie>
  <ike-sa-responder-cookie>
    ike-sa-responder-cookie
  </ike-sa-responder-cookie>
  <ike-sa-exchange-type>
    ike-sa-exchange-type
  </ike-sa-exchange-type>
  <ike-sa-authentication-method>
    ike-sa-authentication-method
  </ike-sa-authentication-method>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
```



```

    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-lifetime>
    ike-sa-lifetime
  </ike-sa-lifetime>
  <ike-sa-algorithms>....</ike-sa-algorithms>
  <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
  <ike-sa-misc>....</ike-sa-misc>
  <ike-sa-index>
    ike-sa-index
  </ike-sa-index>
  <ike-xauth-user-info>....</ike-xauth-user-info>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <kek-sa-misc>....</kek-sa-misc>
  <kek-sa-group-info>....</kek-sa-group-info>
  <kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-information>

```

Description Information about a single security association

<ike-security-associations>

Usage

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-sa-role>
        ike-sa-role
      </ike-sa-role>
      <ike-sa-state>
        ike-sa-state
      </ike-sa-state>
      <ike-sa-initiator-cookie>
        ike-sa-initiator-cookie
      </ike-sa-initiator-cookie>
      <ike-sa-responder-cookie>
        ike-sa-responder-cookie
      </ike-sa-responder-cookie>
      <ike-sa-exchange-type>
        ike-sa-exchange-type
      </ike-sa-exchange-type>
      <ike-sa-authentication-method>
        ike-sa-authentication-method
      </ike-sa-authentication-method>
      <ike-sa-local-address>
        ike-sa-local-address
      </ike-sa-local-address>
      <ike-sa-local-port>
        ike-sa-local-port
      </ike-sa-local-port>
    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>

```

```
<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-lifetime>
  ike-sa-lifetime
</ike-sa-lifetime>
<ike-sa-algorithms>....</ike-sa-algorithms>
<ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
<ike-sa-misc>....</ike-sa-misc>
<ike-sa-index>
  ike-sa-index
</ike-sa-index>
<ike-xauth-user-info>....</ike-xauth-user-info>
<ike-sa-phase2-information>....</ike-sa-phase2-information>
<kek-sa-misc>....</kek-sa-misc>
<kek-sa-group-info>....</kek-sa-group-info>
<kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Information about a single security association

<ike-security-associations>

Usage

```
<gvpn-kek-security-associations-information>
<ike-security-associations>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-state>
    ike-sa-state
  </ike-sa-state>
  <ike-sa-initiator-cookie>
    ike-sa-initiator-cookie
  </ike-sa-initiator-cookie>
  <ike-sa-responder-cookie>
    ike-sa-responder-cookie
  </ike-sa-responder-cookie>
  <ike-sa-exchange-type>
    ike-sa-exchange-type
  </ike-sa-exchange-type>
  <ike-sa-authentication-method>
    ike-sa-authentication-method
  </ike-sa-authentication-method>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>
    ike-sa-local-port
```

```

</ike-sa-local-port>
<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-remote-port>
  ike-sa-remote-port
</ike-sa-remote-port>
<ike-sa-lifetime>
  ike-sa-lifetime
</ike-sa-lifetime>
<ike-sa-algorithms>....</ike-sa-algorithms>
<ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
<ike-sa-misc>....</ike-sa-misc>
<ike-sa-index>
  ike-sa-index
</ike-sa-index>
<ike-xauth-user-info>....</ike-xauth-user-info>
<ike-sa-phase2-information>....</ike-sa-phase2-information>
<kek-sa-misc>....</kek-sa-misc>
<kek-sa-group-info>....</kek-sa-group-info>
<kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>
</gvpn-kek-security-associations-information>

```

Description Information about a single security association

<ike-security-associations>

Usage

```

<gvpn-kek-security-associations-information>
<ike-security-associations-block>
<ike-security-associations>
  <ike-sa-role>
    ike-sa-role
  </ike-sa-role>
  <ike-sa-state>
    ike-sa-state
  </ike-sa-state>
  <ike-sa-initiator-cookie>
    ike-sa-initiator-cookie
  </ike-sa-initiator-cookie>
  <ike-sa-responder-cookie>
    ike-sa-responder-cookie
  </ike-sa-responder-cookie>
  <ike-sa-exchange-type>
    ike-sa-exchange-type
  </ike-sa-exchange-type>
  <ike-sa-authentication-method>
    ike-sa-authentication-method
  </ike-sa-authentication-method>
  <ike-sa-local-address>
    ike-sa-local-address
  </ike-sa-local-address>
  <ike-sa-local-port>

```

```
    ike-sa-local-port
  </ike-sa-local-port>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-remote-port>
    ike-sa-remote-port
  </ike-sa-remote-port>
  <ike-sa-lifetime>
    ike-sa-lifetime
  </ike-sa-lifetime>
  <ike-sa-algorithms>....</ike-sa-algorithms>
  <ike-sa-traffic-statistics>....</ike-sa-traffic-statistics>
  <ike-sa-misc>....</ike-sa-misc>
  <ike-sa-index>
    ike-sa-index
  </ike-sa-index>
  <ike-xauth-user-info>....</ike-xauth-user-info>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <kek-sa-misc>....</kek-sa-misc>
  <kek-sa-group-info>....</kek-sa-group-info>
  <kek-sa-server-info>....</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description Information about a single security association

<ike-security-associations-block>

Usage

```
<ike-security-associations-block>
  <ike-sa-remote-address>
    ike-sa-remote-address
  </ike-sa-remote-address>
  <ike-sa-index>
    ike-sa-index
  </ike-sa-index>
  <ike-sa-location>....</ike-sa-location>
  <ike-security-associations>....</ike-security-associations>
</ike-security-associations-block>
```

Description Information about a single security association block

<ike-security-associations-block>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-index>
```

```

    ike-sa-index
  </ike-sa-index>
  <ike-sa-location>....</ike-sa-location>
  <ike-security-associations>....</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>

```

Description Information about a single security association block

<ike-security-associations-block>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-index>
      ike-sa-index
    </ike-sa-index>
    <ike-sa-location>....</ike-sa-location>
    <ike-security-associations>....</ike-security-associations>
  </ike-security-associations-block>
</gvpn-kek-security-associations-information>

```

Description Information about a single security association block

<ike-security-associations-information>

Usage

```

<ike-security-associations-information>
  <ike-sa-location>....</ike-sa-location>
  <ike-security-associations>....</ike-security-associations>
  <ike-sa-phase2-information>....</ike-sa-phase2-information>
  <ike-security-associations-block>....</ike-security-associations-block>
</ike-security-associations-information>

```

Description

<ike-show-pre-shared-key-information>

Usage

```

<ike-show-pre-shared-key-information>
  <pre-shared-key>
    pre-shared-key
  </pre-shared-key>
</ike-show-pre-shared-key-information>

```

Description

<ike-stats-information>

Usage

```
<ike-stats-information>
  <ike-sa-location>....</ike-sa-location>
  <stats-name>
    stats-name
  </stats-name>
</ike-stats-information>
```

Description

<ike-xauth-user-info>

Usage

```
<ike-security-associations>
  <ike-xauth-user-info>
    <ike-ike-id>
      ike-ike-id
    </ike-ike-id>
    <ike-xauth-username>
      ike-xauth-username
    </ike-xauth-username>
    <ike-xauth-user-assigned-ip>
      ike-xauth-user-assigned-ip
    </ike-xauth-user-assigned-ip>
  </ike-xauth-user-info>
</ike-security-associations>
```

Description Xauth user information

<ike-xauth-user-info>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <ike-xauth-user-info>
      <ike-ike-id>
        ike-ike-id
      </ike-ike-id>
      <ike-xauth-username>
        ike-xauth-username
      </ike-xauth-username>
      <ike-xauth-user-assigned-ip>
        ike-xauth-user-assigned-ip
      </ike-xauth-user-assigned-ip>
    </ike-xauth-user-info>
  </ike-security-associations>
</ike-security-associations-block>
```

Description Xauth user information

<ike-xauth-user-info>**Usage**

```

<ike-xauth-user-info>
  <ike-ike-id>
    ike-ike-id
  </ike-ike-id>
  <ike-xauth-username>
    ike-xauth-username
  </ike-xauth-username>
  <ike-xauth-user-assigned-ip>
    ike-xauth-user-assigned-ip
  </ike-xauth-user-assigned-ip>
</ike-xauth-user-info>

```

Description Xauth user information

<ike-xauth-user-info>**Usage**

```

<ike-security-associations-information>
  <ike-security-associations>
    <ike-xauth-user-info>
      <ike-ike-id>
        ike-ike-id
      </ike-ike-id>
      <ike-xauth-username>
        ike-xauth-username
      </ike-xauth-username>
      <ike-xauth-user-assigned-ip>
        ike-xauth-user-assigned-ip
      </ike-xauth-user-assigned-ip>
    </ike-xauth-user-info>
  </ike-security-associations>
</ike-security-associations-information>

```

Description Xauth user information

<ike-xauth-user-info>**Usage**

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-xauth-user-info>
        <ike-ike-id>
          ike-ike-id
        </ike-ike-id>
        <ike-xauth-username>
          ike-xauth-username
        </ike-xauth-username>
        <ike-xauth-user-assigned-ip>

```

```
        ike-xauth-user-assigned-ip
      </ike-xauth-user-assigned-ip>
    </ike-xauth-user-info>
  </ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>
```

Description Xauth user information

<ike-xauth-user-info>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <ike-xauth-user-info>
      <ike-ike-id>
        ike-ike-id
      </ike-ike-id>
      <ike-xauth-username>
        ike-xauth-username
      </ike-xauth-username>
      <ike-xauth-user-assigned-ip>
        ike-xauth-user-assigned-ip
      </ike-xauth-user-assigned-ip>
    </ike-xauth-user-info>
  </ike-security-associations>
</gvpn-kek-security-associations-information>
```

Description Xauth user information

<ike-xauth-user-info>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <ike-xauth-user-info>
        <ike-ike-id>
          ike-ike-id
        </ike-ike-id>
        <ike-xauth-username>
          ike-xauth-username
        </ike-xauth-username>
        <ike-xauth-user-assigned-ip>
          ike-xauth-user-assigned-ip
        </ike-xauth-user-assigned-ip>
      </ike-xauth-user-info>
    </ike-security-associations>
  </ike-security-associations-block>
</gvpn-kek-security-associations-information>
```


Description Xauth user information

<iked-spu-mapping>

Usage

```
<iked-spu-mapping>
  <spu-logical-spu>
    spu-logical-spu
  </spu-logical-spu>
  <spu-physical-spu>
    spu-physical-spu
  </spu-physical-spu>
</iked-spu-mapping>
```

Description Information about logical SPU to physical SPU mapping

<iked-spu-mapping>

Usage

```
<iked-spu-mapping-information>
  <iked-spu-mapping>
    <spu-logical-spu>
      spu-logical-spu
    </spu-logical-spu>
    <spu-physical-spu>
      spu-physical-spu
    </spu-physical-spu>
  </iked-spu-mapping>
</iked-spu-mapping-information>
```

Description Information about logical SPU to physical SPU mapping

<iked-spu-mapping-information>

Usage

```
<iked-spu-mapping-information>
  <iked-spu-mapping>....</iked-spu-mapping>
</iked-spu-mapping-information>
```

Description

<ipsec-active-tunnel-debug-information>

Usage

```
<ipsec-active-tunnel-debug-information>
  <sa-location>....</sa-location>
  <ipsec-security-associations>....</ipsec-security-associations>
  <ipsec-security-associations-block>....</ipsec-security-associations-block>
  <total-dialup-tunnels>
    total-dialup-tunnels
  </total-dialup-tunnels>
```

</ipsec-active-tunnel-debug-information>

Description

<ipsec-gvpn-security-associations-block>

Usage

```
<ipsec-gvpn-security-associations-block>
  <sa-configuration-type>
    sa-configuration-type
  </sa-configuration-type>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-local-gateway>
    sa-local-gateway
  </sa-local-gateway>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-local-identity>
    sa-local-identity
  </sa-local-identity>
  <sa-remote-identity>
    sa-remote-identity
  </sa-remote-identity>
  <sa-df-bit-policy-name>....</sa-df-bit-policy-name>
  <ipsec-security-associations>....</ipsec-security-associations>
  <sa-location>....</sa-location>
</ipsec-gvpn-security-associations-block>
```

Description

<ipsec-gvpn-security-associations-block>

Usage

```
<ipsec-security-associations-information>
  <ipsec-gvpn-security-associations-block>
    <sa-configuration-type>
      sa-configuration-type
    </sa-configuration-type>
    <sa-virtual-system>
      sa-virtual-system
    </sa-virtual-system>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
```

```

    sa-remote-identity
  </sa-remote-identity>
  <sa-df-bit-policy-name>....</sa-df-bit-policy-name>
  <ipsec-security-associations>....</ipsec-security-associations>
  <sa-location>....</sa-location>
</ipsec-gvpn-security-associations-block>
</ipsec-security-associations-information>

```

Description

<ipsec-next-hop-tunnel-binding-information>

Usage

```

<ipsec-next-hop-tunnel-binding-information>
  <nhtb-gateway-address>
    nhtb-gateway-address
  </nhtb-gateway-address>
  <nhtb-tunnel-interface-name>
    nhtb-tunnel-interface-name
  </nhtb-tunnel-interface-name>
  <nhtb-vpn-name>
    nhtb-vpn-name
  </nhtb-vpn-name>
  <nhtb-flag>
    nhtb-flag
  </nhtb-flag>
</ipsec-next-hop-tunnel-binding-information>

```

Description

<ipsec-pic-redundancy>

Usage

```

<ipsec-pic-redundancy>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-pic-no-information>
    ipsec-redundancy-pic-no-information
  </ipsec-redundancy-pic-no-information>
  <ipsec-pic-redundancy-primary-interface>
    ipsec-pic-redundancy-primary-interface
  </ipsec-pic-redundancy-primary-interface>
  <ipsec-pic-redundancy-backup-interface>
    ipsec-pic-redundancy-backup-interface
  </ipsec-pic-redundancy-backup-interface>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>
  <ipsec-redundancy-backup-state>
    ipsec-redundancy-backup-state
  </ipsec-redundancy-backup-state>
</ipsec-pic-redundancy>

```

Description Information about ipsec pic redundancy

<ipsec-pic-redundancy>

Usage

```
<ipsec-pic-redundancy-information>
  <ipsec-pic-redundancy>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-pic-no-information>
      ipsec-redundancy-pic-no-information
    </ipsec-redundancy-pic-no-information>
    <ipsec-pic-redundancy-primary-interface>
      ipsec-pic-redundancy-primary-interface
    </ipsec-pic-redundancy-primary-interface>
    <ipsec-pic-redundancy-backup-interface>
      ipsec-pic-redundancy-backup-interface
    </ipsec-pic-redundancy-backup-interface>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </ipsec-pic-redundancy>
</ipsec-pic-redundancy-information>
```

Description Information about ipsec pic redundancy

<ipsec-pic-redundancy-information>

Usage

```
<ipsec-pic-redundancy-information>
  <ipsec-pic-redundancy>....</ipsec-pic-redundancy>
</ipsec-pic-redundancy-information>
```

Description

<ipsec-registered-members>

Usage

```
<ipsec-registered-members>
  <member-gateway-name>
    member-gateway-name
  </member-gateway-name>
  <member-ip-addr>
    member-ip-addr
  </member-ip-addr>
  <member-last-update>
    member-last-update
  </member-last-update>
  <member-vsyz>
```

```

        member-vsys
      </member-vsys>
    </ipsec-registered-members>

```

Description

<ipsec-registered-members>

Usage

```

<ipsec-registered-members-information>
  <ipsec-registered-members>
    <member-gateway-name>
      member-gateway-name
    </member-gateway-name>
    <member-ip-addr>
      member-ip-addr
    </member-ip-addr>
    <member-last-update>
      member-last-update
    </member-last-update>
    <member-vsys>
      member-vsys
    </member-vsys>
  </ipsec-registered-members>
</ipsec-registered-members-information>

```

Description

<ipsec-registered-members-information>

Usage

```

<ipsec-registered-members-information>
  <ipsec-registered-members>....</ipsec-registered-members>
  <member-group-name>
    member-group-name
  </member-group-name>
  <member-group-id>
    member-group-id
  </member-group-id>
</ipsec-registered-members-information>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-security-associations-block>
  <ipsec-security-associations>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-direction>
      sa-direction
    </sa-direction>
  </ipsec-security-associations>
</ipsec-security-associations-block>

```

```
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-gvpn-server>
  sa-gvpn-server
</sa-gvpn-server>
<sa-port>
  sa-port
</sa-port>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-esp-encryption-algorithm>
  sa-esp-encryption-algorithm
</sa-esp-encryption-algorithm>
<sa-hmac-algorithm>
  sa-hmac-algorithm
</sa-hmac-algorithm>
<sa-spi>
  sa-spi
</sa-spi>
<sa-aux-spi>
  sa-aux-spi
</sa-aux-spi>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-lifesize-remaining>
  sa-lifesize-remaining
</sa-lifesize-remaining>
<sa-installation-state>
  sa-installation-state
</sa-installation-state>
<sa-vpn-monitoring-state>
  sa-vpn-monitoring-state
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
```

```

</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
</ipsec-security-associations-block>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-gvpn-security-associations-block>
<ipsec-security-associations>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-gvpn-server>
    sa-gvpn-server
  </sa-gvpn-server>
  <sa-port>
    sa-port
  </sa-port>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-esp-encryption-algorithm>
    sa-esp-encryption-algorithm
  </sa-esp-encryption-algorithm>
  <sa-hmac-algorithm>
    sa-hmac-algorithm

```

```
</sa-hmac-algorithm>
<sa-spi>
  sa-spi
</sa-spi>
<sa-aux-spi>
  sa-aux-spi
</sa-aux-spi>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-lifetime-remaining>
  sa-lifetime-remaining
</sa-lifetime-remaining>
<sa-installation-state>
  sa-installation-state
</sa-installation-state>
<sa-vpn-monitoring-state>
  sa-vpn-monitoring-state
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
```



```

    sa-del-num
  </sa-del-num>
  <sa-flag>
    sa-flag
  </sa-flag>
</ipsec-security-associations>
</ipsec-gvpn-security-associations-block>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-security-associations>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-gvpn-server>
    sa-gvpn-server
  </sa-gvpn-server>
  <sa-port>
    sa-port
  </sa-port>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-esp-encryption-algorithm>
    sa-esp-encryption-algorithm
  </sa-esp-encryption-algorithm>
  <sa-hmac-algorithm>
    sa-hmac-algorithm
  </sa-hmac-algorithm>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-lifesize-remaining>
    sa-lifesize-remaining
  </sa-lifesize-remaining>
  <sa-installation-state>
    sa-installation-state
  </sa-installation-state>
  <sa-vpn-monitoring-state>
    sa-vpn-monitoring-state

```

```
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
```

Description

<ipsec-security-associations>

Usage

```
<ipsec-security-associations-information>
<ipsec-security-associations>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
```

```
<sa-direction>
  sa-direction
</sa-direction>
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-gvpn-server>
  sa-gvpn-server
</sa-gvpn-server>
<sa-port>
  sa-port
</sa-port>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-esp-encryption-algorithm>
  sa-esp-encryption-algorithm
</sa-esp-encryption-algorithm>
<sa-hmac-algorithm>
  sa-hmac-algorithm
</sa-hmac-algorithm>
<sa-spi>
  sa-spi
</sa-spi>
<sa-aux-spi>
  sa-aux-spi
</sa-aux-spi>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-lifesize-remaining>
  sa-lifesize-remaining
</sa-lifesize-remaining>
<sa-installation-state>
  sa-installation-state
</sa-installation-state>
<sa-vpn-monitoring-state>
  sa-vpn-monitoring-state
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
```

```
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
</ipsec-security-associations-information>
```

Description

<ipsec-security-associations>

Usage

```
<ipsec-security-associations-information>
<ipsec-security-associations-block>
  <ipsec-security-associations>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-gvpn-server>
      sa-gvpn-server
    </sa-gvpn-server>
    <sa-port>
      sa-port
    </sa-port>
    <sa-protocol>
      sa-protocol
    </sa-protocol>
    <sa-esp-encryption-algorithm>
```

```
    sa-esp-encryption-algorithm
  </sa-esp-encryption-algorithm>
  <sa-hmac-algorithm>
    sa-hmac-algorithm
  </sa-hmac-algorithm>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-lifesize-remaining>
    sa-lifesize-remaining
  </sa-lifesize-remaining>
  <sa-installation-state>
    sa-installation-state
  </sa-installation-state>
  <sa-vpn-monitoring-state>
    sa-vpn-monitoring-state
  </sa-vpn-monitoring-state>
  <sa-gvpn-groupid>
    sa-gvpn-groupid
  </sa-gvpn-groupid>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-state>
    sa-state
  </sa-state>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-nego-num>
    sa-nego-num
  </sa-nego-num>
```

```
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
</ipsec-security-associations-block>
</ipsec-security-associations-information>
```

Description

<ipsec-security-associations>

Usage

```
<ipsec-security-associations-information>
<ipsec-gvpn-security-associations-block>
  <ipsec-security-associations>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-gvpn-server>
      sa-gvpn-server
    </sa-gvpn-server>
    <sa-port>
      sa-port
    </sa-port>
    <sa-protocol>
      sa-protocol
    </sa-protocol>
    <sa-esp-encryption-algorithm>
      sa-esp-encryption-algorithm
    </sa-esp-encryption-algorithm>
    <sa-hmac-algorithm>
      sa-hmac-algorithm
    </sa-hmac-algorithm>
    <sa-spi>
      sa-spi
    </sa-spi>
    <sa-aux-spi>
      sa-aux-spi
    </sa-aux-spi>
    <sa-hard-lifetime>
      sa-hard-lifetime
    </sa-hard-lifetime>
    <sa-lifesize-remaining>
```

```
    sa-lifesize-remaining
  </sa-lifesize-remaining>
  <sa-installation-state>
    sa-installation-state
  </sa-installation-state>
  <sa-vpn-monitoring-state>
    sa-vpn-monitoring-state
  </sa-vpn-monitoring-state>
  <sa-gvpn-groupid>
    sa-gvpn-groupid
  </sa-gvpn-groupid>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-state>
    sa-state
  </sa-state>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-nego-num>
    sa-nego-num
  </sa-nego-num>
  <sa-nego-fail>
    sa-nego-fail
  </sa-nego-fail>
  <sa-del-num>
    sa-del-num
  </sa-del-num>
  <sa-flag>
    sa-flag
  </sa-flag>
</ipsec-security-associations>
</ipsec-gvpn-security-associations-block>
</ipsec-security-associations-information>
```

Description

<ipsec-security-associations>

Usage

```
<ipsec-unestablished-tunnel-information>
<ipsec-security-associations>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-gvpn-server>
    sa-gvpn-server
  </sa-gvpn-server>
  <sa-port>
    sa-port
  </sa-port>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-esp-encryption-algorithm>
    sa-esp-encryption-algorithm
  </sa-esp-encryption-algorithm>
  <sa-hmac-algorithm>
    sa-hmac-algorithm
  </sa-hmac-algorithm>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-lifesize-remaining>
    sa-lifesize-remaining
  </sa-lifesize-remaining>
  <sa-installation-state>
    sa-installation-state
  </sa-installation-state>
  <sa-vpn-monitoring-state>
    sa-vpn-monitoring-state
  </sa-vpn-monitoring-state>
  <sa-gvpn-groupid>
    sa-gvpn-groupid
  </sa-gvpn-groupid>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-mode>
```



```

    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-state>
    sa-state
  </sa-state>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-nego-num>
    sa-nego-num
  </sa-nego-num>
  <sa-nego-fail>
    sa-nego-fail
  </sa-nego-fail>
  <sa-del-num>
    sa-del-num
  </sa-del-num>
  <sa-flag>
    sa-flag
  </sa-flag>
</ipsec-security-associations>
</ipsec-unestablished-tunnel-information>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-unestablished-tunnel-information>
  <ipsec-security-associations-block>
    <ipsec-security-associations>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
    </ipsec-security-associations>
  </ipsec-security-associations-block>
</ipsec-unestablished-tunnel-information>

```

```
<sa-gvpn-server>
  sa-gvpn-server
</sa-gvpn-server>
<sa-port>
  sa-port
</sa-port>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-esp-encryption-algorithm>
  sa-esp-encryption-algorithm
</sa-esp-encryption-algorithm>
<sa-hmac-algorithm>
  sa-hmac-algorithm
</sa-hmac-algorithm>
<sa-spi>
  sa-spi
</sa-spi>
<sa-aux-spi>
  sa-aux-spi
</sa-aux-spi>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-lifesize-remaining>
  sa-lifesize-remaining
</sa-lifesize-remaining>
<sa-installation-state>
  sa-installation-state
</sa-installation-state>
<sa-vpn-monitoring-state>
  sa-vpn-monitoring-state
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
```

```

</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
</ipsec-security-associations-block>
</ipsec-unestablished-tunnel-information>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-active-tunnel-debug-information>
<ipsec-security-associations>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-gvpn-server>
    sa-gvpn-server
  </sa-gvpn-server>
  <sa-port>
    sa-port
  </sa-port>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-esp-encryption-algorithm>
    sa-esp-encryption-algorithm
  </sa-esp-encryption-algorithm>
  <sa-hmac-algorithm>
    sa-hmac-algorithm
  </sa-hmac-algorithm>
  <sa-spi>

```

```
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-lifesize-remaining>
    sa-lifesize-remaining
  </sa-lifesize-remaining>
  <sa-installation-state>
    sa-installation-state
  </sa-installation-state>
  <sa-vpn-monitoring-state>
    sa-vpn-monitoring-state
  </sa-vpn-monitoring-state>
  <sa-gvpn-groupid>
    sa-gvpn-groupid
  </sa-gvpn-groupid>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-state>
    sa-state
  </sa-state>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-nego-num>
    sa-nego-num
  </sa-nego-num>
  <sa-nego-fail>
    sa-nego-fail
  </sa-nego-fail>
  <sa-del-num>
    sa-del-num
  </sa-del-num>
```

```

    <sa-flag>
      sa-flag
    </sa-flag>
  </ipsec-security-associations>
</ipsec-active-tunnel-debug-information>

```

Description

<ipsec-security-associations>

Usage

```

<ipsec-active-tunnel-debug-information>
  <ipsec-security-associations-block>
    <ipsec-security-associations>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
      <sa-gvpn-server>
        sa-gvpn-server
      </sa-gvpn-server>
      <sa-port>
        sa-port
      </sa-port>
      <sa-protocol>
        sa-protocol
      </sa-protocol>
      <sa-esp-encryption-algorithm>
        sa-esp-encryption-algorithm
      </sa-esp-encryption-algorithm>
      <sa-hmac-algorithm>
        sa-hmac-algorithm
      </sa-hmac-algorithm>
      <sa-spi>
        sa-spi
      </sa-spi>
      <sa-aux-spi>
        sa-aux-spi
      </sa-aux-spi>
      <sa-hard-lifetime>
        sa-hard-lifetime
      </sa-hard-lifetime>
      <sa-lifesize-remaining>
        sa-lifesize-remaining
      </sa-lifesize-remaining>
      <sa-installation-state>
        sa-installation-state
      </sa-installation-state>
      <sa-vpn-monitoring-state>
        sa-vpn-monitoring-state

```

```
</sa-vpn-monitoring-state>
<sa-gvpn-groupid>
  sa-gvpn-groupid
</sa-gvpn-groupid>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-state>
  sa-state
</sa-state>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-nego-num>
  sa-nego-num
</sa-nego-num>
<sa-nego-fail>
  sa-nego-fail
</sa-nego-fail>
<sa-del-num>
  sa-del-num
</sa-del-num>
<sa-flag>
  sa-flag
</sa-flag>
</ipsec-security-associations>
</ipsec-security-associations-block>
</ipsec-active-tunnel-debug-information>
```

Description

<ipsec-security-associations-block>

Usage

```
<ipsec-security-associations-block>
  <sa-configuration-type>
    sa-configuration-type
```

```

</sa-configuration-type>
<sa-virtual-system>
  sa-virtual-system
</sa-virtual-system>
<sa-local-gateway>
  sa-local-gateway
</sa-local-gateway>
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-local-identity>
  sa-local-identity
</sa-local-identity>
<sa-remote-identity>
  sa-remote-identity
</sa-remote-identity>
<sa-df-bit-policy-name>....</sa-df-bit-policy-name>
<ipsec-security-associations>....</ipsec-security-associations>
<sa-location>....</sa-location>
</ipsec-security-associations-block>

```

Description

<ipsec-security-associations-block>

Usage

```

<ipsec-security-associations-information>
<ipsec-security-associations-block>
  <sa-configuration-type>
    sa-configuration-type
  </sa-configuration-type>
  <sa-virtual-system>
    sa-virtual-system
  </sa-virtual-system>
  <sa-local-gateway>
    sa-local-gateway
  </sa-local-gateway>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-local-identity>
    sa-local-identity
  </sa-local-identity>
  <sa-remote-identity>
    sa-remote-identity
  </sa-remote-identity>
  <sa-df-bit-policy-name>....</sa-df-bit-policy-name>
  <ipsec-security-associations>....</ipsec-security-associations>
  <sa-location>....</sa-location>
</ipsec-security-associations-block>
</ipsec-security-associations-information>

```

Description

<ipsec-security-associations-block>

Usage

```
<ipsec-unestablished-tunnel-information>
  <ipsec-security-associations-block>
    <sa-configuration-type>
      sa-configuration-type
    </sa-configuration-type>
    <sa-virtual-system>
      sa-virtual-system
    </sa-virtual-system>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-df-bit-policy-name>....</sa-df-bit-policy-name>
    <ipsec-security-associations>....</ipsec-security-associations>
    <sa-location>....</sa-location>
  </ipsec-security-associations-block>
</ipsec-unestablished-tunnel-information>
```

Description

<ipsec-security-associations-block>

Usage

```
<ipsec-active-tunnel-debug-information>
  <ipsec-security-associations-block>
    <sa-configuration-type>
      sa-configuration-type
    </sa-configuration-type>
    <sa-virtual-system>
      sa-virtual-system
    </sa-virtual-system>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-df-bit-policy-name>....</sa-df-bit-policy-name>
```



```

    <ipsec-security-associations>....</ipsec-security-associations>
    <sa-location>....</sa-location>
  </ipsec-security-associations-block>
</ipsec-active-tunnel-debug-information>

```

Description

<ipsec-security-associations-information>

Usage

```

<ipsec-security-associations-information>
  <sa-location>....</sa-location>
  <ipsec-security-associations>....</ipsec-security-associations>
  <ipsec-security-associations-block>....</ipsec-security-associations-block>

  <ipsec-gvpn-security-associations-block>....</ipsec-gvpn-security-associations-block>

  <total-active-tunnels>
    total-active-tunnels
  </total-active-tunnels>
</ipsec-security-associations-information>

```

Description

<ipsec-server-ipsecsa-information>

Usage

```

<ipsec-server-ipsecsa-information>
  <ipsecsa-group-info>....</ipsecsa-group-info>
  <ipsecsa-sa-count>
    ipsecsa-sa-count
  </ipsecsa-sa-count>
  <ipsecsa-sa-info>....</ipsecsa-sa-info>
</ipsec-server-ipsecsa-information>

```

Description

<ipsec-service-set-statistics>

Usage

```

<ipsec-service-set-statistics>
  <pic-name>
    pic-name
  </pic-name>
  <service-set-name>
    service-set-name
  </service-set-name>
  <ipsec-statistics>....</ipsec-statistics>
</ipsec-service-set-statistics>

```

Description

<ipsec-service-set-statistics>

Usage

```
<ipsec-total-statistics>
  <ipsec-service-set-statistics>
    <pic-name>
      pic-name
    </pic-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <ipsec-statistics>....</ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ipsec-service-set-statistics>

Usage

```
<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>
    <pic-name>
      pic-name
    </pic-name>
    <service-set-name>
      service-set-name
    </service-set-name>
    <ipsec-statistics>....</ipsec-statistics>
  </ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<ipsec-statistics>

Usage

```
<ipsec-service-set-statistics>
  <ipsec-statistics>
    <local-gateway>
      local-gateway
    </local-gateway>
    <remote-gateway>
      remote-gateway
    </remote-gateway>
    <tunnel-index>
      tunnel-index
    </tunnel-index>
    <esp-statistics>....</esp-statistics>
    <ah-statistics>....</ah-statistics>
    <error-statistics>....</error-statistics>
    <statistics-no-information>
      statistics-no-information
    </statistics-no-information>
```

```

</ipsec-statistics>
</ipsec-service-set-statistics>

```

Description

<ipsec-statistics>

Usage

```

<ipsec-total-statistics>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <local-gateway>
    local-gateway
  </local-gateway>
  <remote-gateway>
    remote-gateway
  </remote-gateway>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
  <esp-statistics>....</esp-statistics>
  <ah-statistics>....</ah-statistics>
  <error-statistics>....</error-statistics>
  <statistics-no-information>
    statistics-no-information
  </statistics-no-information>
</ipsec-statistics>
</ipsec-service-set-statistics>
</ipsec-total-statistics>

```

Description

<ipsec-statistics>

Usage

```

<ipsec-total-statistics-information>
<ipsec-service-set-statistics>
<ipsec-statistics>
  <local-gateway>
    local-gateway
  </local-gateway>
  <remote-gateway>
    remote-gateway
  </remote-gateway>
  <tunnel-index>
    tunnel-index
  </tunnel-index>
  <esp-statistics>....</esp-statistics>
  <ah-statistics>....</ah-statistics>
  <error-statistics>....</error-statistics>
  <statistics-no-information>
    statistics-no-information
  </statistics-no-information>
</ipsec-statistics>

```

```
</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<ipsec-total-statistics>

Usage

```
<ipsec-total-statistics>
  <ipsec-service-set-statistics>....</ipsec-service-set-statistics>
</ipsec-total-statistics>
```

Description

<ipsec-total-statistics-information>

Usage

```
<ipsec-total-statistics-information>
  <ipsec-service-set-statistics>....</ipsec-service-set-statistics>
</ipsec-total-statistics-information>
```

Description

<ipsec-tunnel-redundancy>

Usage

```
<ipsec-tunnel-redundancy>
  <sa-name>
    sa-name
  </sa-name>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-tunnel-no-information>
    ipsec-redundancy-tunnel-no-information
  </ipsec-redundancy-tunnel-no-information>
  <ipsec-tunnel-redundancy-local-address>
    ipsec-tunnel-redundancy-local-address
  </ipsec-tunnel-redundancy-local-address>
  <ipsec-tunnel-redundancy-primary-remote-address>
    ipsec-tunnel-redundancy-primary-remote-address
  </ipsec-tunnel-redundancy-primary-remote-address>
  <ipsec-tunnel-redundancy-backup-remote-address>
    ipsec-tunnel-redundancy-backup-remote-address
  </ipsec-tunnel-redundancy-backup-remote-address>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>
  <ipsec-redundancy-backup-state>
    ipsec-redundancy-backup-state
  </ipsec-redundancy-backup-state>
</ipsec-tunnel-redundancy>
```

Description Information about ipsec tunnel redundancy

<ipsec-tunnel-redundancy>

Usage

```
<ipsec-tunnel-redundancy-information>
  <ipsec-tunnel-redundancy>
    <sa-name>
      sa-name
    </sa-name>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-tunnel-no-information>
      ipsec-redundancy-tunnel-no-information
    </ipsec-redundancy-tunnel-no-information>
    <ipsec-tunnel-redundancy-local-address>
      ipsec-tunnel-redundancy-local-address
    </ipsec-tunnel-redundancy-local-address>
    <ipsec-tunnel-redundancy-primary-remote-address>
      ipsec-tunnel-redundancy-primary-remote-address
    </ipsec-tunnel-redundancy-primary-remote-address>
    <ipsec-tunnel-redundancy-backup-remote-address>
      ipsec-tunnel-redundancy-backup-remote-address
    </ipsec-tunnel-redundancy-backup-remote-address>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </ipsec-tunnel-redundancy>
</ipsec-tunnel-redundancy-information>
```

Description Information about ipsec tunnel redundancy

<ipsec-tunnel-redundancy-information>

Usage

```
<ipsec-tunnel-redundancy-information>
  <ipsec-tunnel-redundancy>....</ipsec-tunnel-redundancy>
</ipsec-tunnel-redundancy-information>
```

Description

<ipsec-unestablished-tunnel-information>

Usage

```
<ipsec-unestablished-tunnel-information>
  <sa-location>....</sa-location>
  <ipsec-security-associations>....</ipsec-security-associations>
  <ipsec-security-associations-block>....</ipsec-security-associations-block>
  <total-inactive-tunnels>
```

```
total-inactive-tunnels
</total-inactive-tunnels>
<total-inactive-tunnels-with-establish-immediately>
total-inactive-tunnels-with-establish-immediately
</total-inactive-tunnels-with-establish-immediately>
</ipsec-unestablished-tunnel-information>
```

Description

<ipsecsa-group-info>

Usage

```
<ipsecsa-group-info>
  <ipsecsa-group-name>
ipsecsa-group-name
  </ipsecsa-group-name>
  <ipsecsa-group-id>
ipsecsa-group-id
  </ipsecsa-group-id>
  <ipsecsa-group-act-time>
ipsecsa-group-act-time
  </ipsecsa-group-act-time>
  <ipsecsa-group-deact-time>
ipsecsa-group-deact-time
  </ipsecsa-group-deact-time>
  <ipsecsa-group-anti-replay-win>
ipsecsa-group-anti-replay-win
  </ipsecsa-group-anti-replay-win>
  <ipsecsa-group-server-soft-lifetime>
ipsecsa-group-server-soft-lifetime
  </ipsecsa-group-server-soft-lifetime>
  <ipsecsa-sa-count>
ipsecsa-sa-count
  </ipsecsa-sa-count>
  <ipsecsa-sa-info>....</ipsecsa-sa-info>
</ipsecsa-group-info>
```

Description

<ipsecsa-group-info>

Usage

```
<ipsec-server-ipsecsa-information>
  <ipsecsa-group-info>
    <ipsecsa-group-name>
ipsecsa-group-name
    </ipsecsa-group-name>
    <ipsecsa-group-id>
ipsecsa-group-id
    </ipsecsa-group-id>
    <ipsecsa-group-act-time>
ipsecsa-group-act-time
    </ipsecsa-group-act-time>
    <ipsecsa-group-deact-time>
```

```

    ipsecsa-group-deact-time
  </ipsecsa-group-deact-time>
  <ipsecsa-group-anti-replay-win>
    ipsecsa-group-anti-replay-win
  </ipsecsa-group-anti-replay-win>
  <ipsecsa-group-server-soft-lifetime>
    ipsecsa-group-server-soft-lifetime
  </ipsecsa-group-server-soft-lifetime>
  <ipsecsa-sa-count>
    ipsecsa-sa-count
  </ipsecsa-sa-count>
  <ipsecsa-sa-info>....</ipsecsa-sa-info>
</ipsecsa-group-info>
</ipsec-server-ipsecsa-information>

```

Description

<ipsecsa-policy-info>

Usage

```

<ipsecsa-group-info>
  <ipsecsa-sa-info>
    <ipsecsa-policy-info>
      <ipsecsa-policy-name>
        ipsecsa-policy-name
      </ipsecsa-policy-name>
      <ipsecsa-policy-source>
        ipsecsa-policy-source
      </ipsecsa-policy-source>
      <ipsecsa-policy-srcport>
        ipsecsa-policy-srcport
      </ipsecsa-policy-srcport>
      <ipsecsa-policy-destination>
        ipsecsa-policy-destination
      </ipsecsa-policy-destination>
      <ipsecsa-policy-destport>
        ipsecsa-policy-destport
      </ipsecsa-policy-destport>
      <ipsecsa-policy-protocol>
        ipsecsa-policy-protocol
      </ipsecsa-policy-protocol>
    </ipsecsa-policy-info>
  </ipsecsa-sa-info>
</ipsecsa-group-info>

```

Description

<ipsecsa-policy-info>

Usage

```

<ipsecsa-policy-info>
  <ipsecsa-policy-name>
    ipsecsa-policy-name
  </ipsecsa-policy-name>

```

```
<ipsecsa-policy-source>
  ipsecsa-policy-source
</ipsecsa-policy-source>
<ipsecsa-policy-srcport>
  ipsecsa-policy-srcport
</ipsecsa-policy-srcport>
<ipsecsa-policy-destination>
  ipsecsa-policy-destination
</ipsecsa-policy-destination>
<ipsecsa-policy-destport>
  ipsecsa-policy-destport
</ipsecsa-policy-destport>
<ipsecsa-policy-protocol>
  ipsecsa-policy-protocol
</ipsecsa-policy-protocol>
</ipsecsa-policy-info>
```

Description

<ipsecsa-policy-info>

Usage

```
<ipsecsa-sa-info>
  <ipsecsa-policy-info>
    <ipsecsa-policy-name>
      ipsecsa-policy-name
    </ipsecsa-policy-name>
    <ipsecsa-policy-source>
      ipsecsa-policy-source
    </ipsecsa-policy-source>
    <ipsecsa-policy-srcport>
      ipsecsa-policy-srcport
    </ipsecsa-policy-srcport>
    <ipsecsa-policy-destination>
      ipsecsa-policy-destination
    </ipsecsa-policy-destination>
    <ipsecsa-policy-destport>
      ipsecsa-policy-destport
    </ipsecsa-policy-destport>
    <ipsecsa-policy-protocol>
      ipsecsa-policy-protocol
    </ipsecsa-policy-protocol>
    </ipsecsa-policy-info>
  </ipsecsa-sa-info>
```

Description

<ipsecsa-policy-info>

Usage

```
<ipsec-server-ipsecsa-information>
  <ipsecsa-group-info>
    <ipsecsa-sa-info>
      <ipsecsa-policy-info>
```



```

<ipsecsa-policy-name>
  ipsecsa-policy-name
</ipsecsa-policy-name>
<ipsecsa-policy-source>
  ipsecsa-policy-source
</ipsecsa-policy-source>
<ipsecsa-policy-srcport>
  ipsecsa-policy-srcport
</ipsecsa-policy-srcport>
<ipsecsa-policy-destination>
  ipsecsa-policy-destination
</ipsecsa-policy-destination>
<ipsecsa-policy-destport>
  ipsecsa-policy-destport
</ipsecsa-policy-destport>
<ipsecsa-policy-protocol>
  ipsecsa-policy-protocol
</ipsecsa-policy-protocol>
</ipsecsa-policy-info>
</ipsecsa-sa-info>
</ipsecsa-group-info>
</ipsec-server-ipsecsa-information>

```

Description

<ipsecsa-policy-info>

Usage

```

<ipsec-server-ipsecsa-information>
  <ipsecsa-sa-info>
    <ipsecsa-policy-info>
      <ipsecsa-policy-name>
        ipsecsa-policy-name
      </ipsecsa-policy-name>
      <ipsecsa-policy-source>
        ipsecsa-policy-source
      </ipsecsa-policy-source>
      <ipsecsa-policy-srcport>
        ipsecsa-policy-srcport
      </ipsecsa-policy-srcport>
      <ipsecsa-policy-destination>
        ipsecsa-policy-destination
      </ipsecsa-policy-destination>
      <ipsecsa-policy-destport>
        ipsecsa-policy-destport
      </ipsecsa-policy-destport>
      <ipsecsa-policy-protocol>
        ipsecsa-policy-protocol
      </ipsecsa-policy-protocol>
    </ipsecsa-policy-info>
  </ipsecsa-sa-info>
</ipsec-server-ipsecsa-information>

```

Description

<ipsecsa-sa-info>

Usage

```
<ipsecsa-group-info>
  <ipsecsa-sa-info>
    <ipsecsa-name>
      ipsecsa-name
    </ipsecsa-name>
    <ipsecsa-algorithm>
      ipsecsa-algorithm
    </ipsecsa-algorithm>
    <ipsecsa-protocol>
      ipsecsa-protocol
    </ipsecsa-protocol>
    <ipsecsa-authalg>
      ipsecsa-authalg
    </ipsecsa-authalg>
    <ipsecsa-encalg>
      ipsecsa-encalg
    </ipsecsa-encalg>
    <ipsecsa-spi>
      ipsecsa-spi
    </ipsecsa-spi>
    <ipsecsa-lifetime>
      ipsecsa-lifetime
    </ipsecsa-lifetime>
    <ipsecsa-policy-info>....</ipsecsa-policy-info>
  </ipsecsa-sa-info>
</ipsecsa-group-info>
```

Description

<ipsecsa-sa-info>

Usage

```
<ipsecsa-sa-info>
  <ipsecsa-name>
    ipsecsa-name
  </ipsecsa-name>
  <ipsecsa-algorithm>
    ipsecsa-algorithm
  </ipsecsa-algorithm>
  <ipsecsa-protocol>
    ipsecsa-protocol
  </ipsecsa-protocol>
  <ipsecsa-authalg>
    ipsecsa-authalg
  </ipsecsa-authalg>
  <ipsecsa-encalg>
    ipsecsa-encalg
  </ipsecsa-encalg>
  <ipsecsa-spi>
    ipsecsa-spi
  </ipsecsa-spi>
  <ipsecsa-lifetime>
```

```

    ipsecsa-lifetime
  </ipsecsa-lifetime>
  <ipsecsa-policy-info>....</ipsecsa-policy-info>
</ipsecsa-sa-info>

```

Description

<ipsecsa-sa-info>

Usage

```

<ipsec-server-ipsecsa-information>
  <ipsecsa-group-info>
    <ipsecsa-sa-info>
      <ipsecsa-name>
        ipsecsa-name
      </ipsecsa-name>
      <ipsecsa-algorithm>
        ipsecsa-algorithm
      </ipsecsa-algorithm>
      <ipsecsa-protocol>
        ipsecsa-protocol
      </ipsecsa-protocol>
      <ipsecsa-authalg>
        ipsecsa-authalg
      </ipsecsa-authalg>
      <ipsecsa-encalg>
        ipsecsa-encalg
      </ipsecsa-encalg>
      <ipsecsa-spi>
        ipsecsa-spi
      </ipsecsa-spi>
      <ipsecsa-lifetime>
        ipsecsa-lifetime
      </ipsecsa-lifetime>
      <ipsecsa-policy-info>....</ipsecsa-policy-info>
    </ipsecsa-sa-info>
  </ipsecsa-group-info>
</ipsec-server-ipsecsa-information>

```

Description

<ipsecsa-sa-info>

Usage

```

<ipsec-server-ipsecsa-information>
  <ipsecsa-sa-info>
    <ipsecsa-name>
      ipsecsa-name
    </ipsecsa-name>
    <ipsecsa-algorithm>
      ipsecsa-algorithm
    </ipsecsa-algorithm>
    <ipsecsa-protocol>
      ipsecsa-protocol

```

```
</ipsecsa-protocol>
<ipsecsa-authalg>
  ipsecsa-authalg
</ipsecsa-authalg>
<ipsecsa-encalg>
  ipsecsa-encalg
</ipsecsa-encalg>
<ipsecsa-spi>
  ipsecsa-spi
</ipsecsa-spi>
<ipsecsa-lifetime>
  ipsecsa-lifetime
</ipsecsa-lifetime>
<ipsecsa-policy-info>....</ipsecsa-policy-info>
</ipsecsa-sa-info>
</ipsec-server-ipsecsa-information>
```

Description

<issue-info>

Usage

```
<issue-info>
<recipient>
  recipient
</recipient>
<issued-by>
  issued-by
</issued-by>
</issue-info>
```

Description

<issue-info>

Usage

```
<x509-certificate-info>
<issue-info>
<recipient>
  recipient
</recipient>
<issued-by>
  issued-by
</issued-by>
</issue-info>
</x509-certificate-info>
```

Description

<issue-info>

Usage

```
<x509-pki-certificate-info-list>
<x509-certificate-info>
```

```

<issue-info>
  <recipient>
    recipient
  </recipient>
  <issued-by>
    issued-by
  </issued-by>
</issue-info>
</x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description**<issue-info>****Usage**

```

<x509-certificate-cache-info>
  <issue-info>
    <recipient>
      recipient
    </recipient>
    <issued-by>
      issued-by
    </issued-by>
  </issue-info>
</x509-certificate-cache-info>

```

Description**<issue-info>****Usage**

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <issue-info>
      <recipient>
        recipient
      </recipient>
      <issued-by>
        issued-by
      </issued-by>
    </issue-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description**<issuer>****Usage**

```

<x509-certificate-info>
  <issuer>
    <distinguished-name>....</distinguished-name>
  </issuer>

```

</x509-certificate-info>

Description Identifies the CA that issued certificate

<issuer>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issuer>
      <distinguished-name>....</distinguished-name>
    </issuer>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Identifies the CA that issued certificate

<kek-sa-group-info>

Usage

```
<ike-security-associations>
  <kek-sa-group-info>
    <kek-sa-group-id>
      kek-sa-group-id
    </kek-sa-group-id>
    <kek-sa-group-name>
      kek-sa-group-name
    </kek-sa-group-name>
    <kek-sa-group-server-version>
      kek-sa-group-server-version
    </kek-sa-group-server-version>
    <kek-sa-group-heartbeat-threshold>
      kek-sa-group-heartbeat-threshold
    </kek-sa-group-heartbeat-threshold>
    <kek-sa-group-heartbeat-interval>
      kek-sa-group-heartbeat-interval
    </kek-sa-group-heartbeat-interval>
    <kek-sa-group-heartbeat-timeout-left>
      kek-sa-group-heartbeat-timeout-left
    </kek-sa-group-heartbeat-timeout-left>
    <kek-sa-group-multicast-group>
      kek-sa-group-multicast-group
    </kek-sa-group-multicast-group>
    <kek-sa-group-replay-window>
      kek-sa-group-replay-window
    </kek-sa-group-replay-window>
    <kek-sa-group-activation-delay>
      kek-sa-group-activation-delay
    </kek-sa-group-activation-delay>
  </kek-sa-group-info>
</ike-security-associations>
```

Description KEK SA group information

<kek-sa-group-info>

Usage

```
<ike-security-associations-block>
  <ike-security-associations>
    <kek-sa-group-info>
      <kek-sa-group-id>
        kek-sa-group-id
      </kek-sa-group-id>
      <kek-sa-group-name>
        kek-sa-group-name
      </kek-sa-group-name>
      <kek-sa-group-server-version>
        kek-sa-group-server-version
      </kek-sa-group-server-version>
      <kek-sa-group-heartbeat-threshold>
        kek-sa-group-heartbeat-threshold
      </kek-sa-group-heartbeat-threshold>
      <kek-sa-group-heartbeat-interval>
        kek-sa-group-heartbeat-interval
      </kek-sa-group-heartbeat-interval>
      <kek-sa-group-heartbeat-timeout-left>
        kek-sa-group-heartbeat-timeout-left
      </kek-sa-group-heartbeat-timeout-left>
      <kek-sa-group-multicast-group>
        kek-sa-group-multicast-group
      </kek-sa-group-multicast-group>
      <kek-sa-group-replay-window>
        kek-sa-group-replay-window
      </kek-sa-group-replay-window>
      <kek-sa-group-activation-delay>
        kek-sa-group-activation-delay
      </kek-sa-group-activation-delay>
    </kek-sa-group-info>
  </ike-security-associations>
</ike-security-associations-block>
```

Description KEK SA group information

<kek-sa-group-info>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <kek-sa-group-info>
      <kek-sa-group-id>
        kek-sa-group-id
      </kek-sa-group-id>
      <kek-sa-group-name>
        kek-sa-group-name
      </kek-sa-group-name>
      <kek-sa-group-server-version>
```

```

    kek-sa-group-server-version
  </kek-sa-group-server-version>
  <kek-sa-group-heartbeat-threshold>
    kek-sa-group-heartbeat-threshold
  </kek-sa-group-heartbeat-threshold>
  <kek-sa-group-heartbeat-interval>
    kek-sa-group-heartbeat-interval
  </kek-sa-group-heartbeat-interval>
  <kek-sa-group-heartbeat-timeout-left>
    kek-sa-group-heartbeat-timeout-left
  </kek-sa-group-heartbeat-timeout-left>
  <kek-sa-group-multicast-group>
    kek-sa-group-multicast-group
  </kek-sa-group-multicast-group>
  <kek-sa-group-replay-window>
    kek-sa-group-replay-window
  </kek-sa-group-replay-window>
  <kek-sa-group-activation-delay>
    kek-sa-group-activation-delay
  </kek-sa-group-activation-delay>
</kek-sa-group-info>
</ike-security-associations>
</ike-security-associations-information>

```

Description KEK SA group information

<kek-sa-group-info>

Usage

```

<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <kek-sa-group-info>
        <kek-sa-group-id>
          kek-sa-group-id
        </kek-sa-group-id>
        <kek-sa-group-name>
          kek-sa-group-name
        </kek-sa-group-name>
        <kek-sa-group-server-version>
          kek-sa-group-server-version
        </kek-sa-group-server-version>
        <kek-sa-group-heartbeat-threshold>
          kek-sa-group-heartbeat-threshold
        </kek-sa-group-heartbeat-threshold>
        <kek-sa-group-heartbeat-interval>
          kek-sa-group-heartbeat-interval
        </kek-sa-group-heartbeat-interval>
        <kek-sa-group-heartbeat-timeout-left>
          kek-sa-group-heartbeat-timeout-left
        </kek-sa-group-heartbeat-timeout-left>
        <kek-sa-group-multicast-group>
          kek-sa-group-multicast-group
        </kek-sa-group-multicast-group>
      </kek-sa-group-info>
    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>

```



```

    <kek-sa-group-replay-window>
      kek-sa-group-replay-window
    </kek-sa-group-replay-window>
    <kek-sa-group-activation-delay>
      kek-sa-group-activation-delay
    </kek-sa-group-activation-delay>
  </kek-sa-group-info>
</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>

```

Description KEK SA group information

<kek-sa-group-info>

Usage

```

<kek-sa-group-info>
  <kek-sa-group-id>
    kek-sa-group-id
  </kek-sa-group-id>
  <kek-sa-group-name>
    kek-sa-group-name
  </kek-sa-group-name>
  <kek-sa-group-server-version>
    kek-sa-group-server-version
  </kek-sa-group-server-version>
  <kek-sa-group-heartbeat-threshold>
    kek-sa-group-heartbeat-threshold
  </kek-sa-group-heartbeat-threshold>
  <kek-sa-group-heartbeat-interval>
    kek-sa-group-heartbeat-interval
  </kek-sa-group-heartbeat-interval>
  <kek-sa-group-heartbeat-timeout-left>
    kek-sa-group-heartbeat-timeout-left
  </kek-sa-group-heartbeat-timeout-left>
  <kek-sa-group-multicast-group>
    kek-sa-group-multicast-group
  </kek-sa-group-multicast-group>
  <kek-sa-group-replay-window>
    kek-sa-group-replay-window
  </kek-sa-group-replay-window>
  <kek-sa-group-activation-delay>
    kek-sa-group-activation-delay
  </kek-sa-group-activation-delay>
</kek-sa-group-info>

```

Description KEK SA group information

<kek-sa-group-info>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations>

```

```
<kek-sa-group-info>
  <kek-sa-group-id>
    kek-sa-group-id
  </kek-sa-group-id>
  <kek-sa-group-name>
    kek-sa-group-name
  </kek-sa-group-name>
  <kek-sa-group-server-version>
    kek-sa-group-server-version
  </kek-sa-group-server-version>
  <kek-sa-group-heartbeat-threshold>
    kek-sa-group-heartbeat-threshold
  </kek-sa-group-heartbeat-threshold>
  <kek-sa-group-heartbeat-interval>
    kek-sa-group-heartbeat-interval
  </kek-sa-group-heartbeat-interval>
  <kek-sa-group-heartbeat-timeout-left>
    kek-sa-group-heartbeat-timeout-left
  </kek-sa-group-heartbeat-timeout-left>
  <kek-sa-group-multicast-group>
    kek-sa-group-multicast-group
  </kek-sa-group-multicast-group>
  <kek-sa-group-replay-window>
    kek-sa-group-replay-window
  </kek-sa-group-replay-window>
  <kek-sa-group-activation-delay>
    kek-sa-group-activation-delay
  </kek-sa-group-activation-delay>
</kek-sa-group-info>
</ike-security-associations>
</gvpn-kek-security-associations-information>
```

Description KEK SA group information

<kek-sa-group-info>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <kek-sa-group-info>
        <kek-sa-group-id>
          kek-sa-group-id
        </kek-sa-group-id>
        <kek-sa-group-name>
          kek-sa-group-name
        </kek-sa-group-name>
        <kek-sa-group-server-version>
          kek-sa-group-server-version
        </kek-sa-group-server-version>
        <kek-sa-group-heartbeat-threshold>
          kek-sa-group-heartbeat-threshold
        </kek-sa-group-heartbeat-threshold>
        <kek-sa-group-heartbeat-interval>
```

```

    kek-sa-group-heartbeat-interval
  </kek-sa-group-heartbeat-interval>
  <kek-sa-group-heartbeat-timeout-left>
    kek-sa-group-heartbeat-timeout-left
  </kek-sa-group-heartbeat-timeout-left>
  <kek-sa-group-multicast-group>
    kek-sa-group-multicast-group
  </kek-sa-group-multicast-group>
  <kek-sa-group-replay-window>
    kek-sa-group-replay-window
  </kek-sa-group-replay-window>
  <kek-sa-group-activation-delay>
    kek-sa-group-activation-delay
  </kek-sa-group-activation-delay>
</kek-sa-group-info>
</ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>

```

Description KEK SA group information

<kek-sa-misc>

Usage

```

<ike-security-associations>
  <kek-sa-misc>
    <kek-sa-sequence-number>
      kek-sa-sequence-number
    </kek-sa-sequence-number>
  </kek-sa-misc>
</ike-security-associations>

```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```

<ike-security-associations-block>
  <ike-security-associations>
    <kek-sa-misc>
      <kek-sa-sequence-number>
        kek-sa-sequence-number
      </kek-sa-sequence-number>
    </kek-sa-misc>
  </ike-security-associations>
</ike-security-associations-block>

```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <kek-sa-misc>
      <kek-sa-sequence-number>
        kek-sa-sequence-number
      </kek-sa-sequence-number>
    </kek-sa-misc>
  </ike-security-associations>
</ike-security-associations-information>
```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <kek-sa-misc>
        <kek-sa-sequence-number>
          kek-sa-sequence-number
        </kek-sa-sequence-number>
      </kek-sa-misc>
    </ike-security-associations>
  </ike-security-associations-block>
</ike-security-associations-information>
```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```
<kek-sa-misc>
  <kek-sa-sequence-number>
    kek-sa-sequence-number
  </kek-sa-sequence-number>
</kek-sa-misc>
```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```
<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <kek-sa-misc>
      <kek-sa-sequence-number>
        kek-sa-sequence-number
      </kek-sa-sequence-number>
    </kek-sa-misc>
  </ike-security-associations>
</gvpn-kek-security-associations-information>
```

```

    </kek-sa-sequence-number>
  </kek-sa-misc>
</ike-security-associations>
</gvpn-kek-security-associations-information>

```

Description Miscellaneous KEK SA information

<kek-sa-misc>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <kek-sa-misc>
        <kek-sa-sequence-number>
          kek-sa-sequence-number
        </kek-sa-sequence-number>
      </kek-sa-misc>
    </ike-security-associations>
  </ike-security-associations-block>
</gvpn-kek-security-associations-information>

```

Description Miscellaneous KEK SA information

<kek-sa-server-info>

Usage

```

<ike-security-associations>
  <kek-sa-server-info>
    <kek-sa-server-retrans-period>
      kek-sa-server-retrans-period
    </kek-sa-server-retrans-period>
    <kek-sa-server-retrans-number>
      kek-sa-server-retrans-number
    </kek-sa-server-retrans-number>
    <kek-sa-server-lifetime-secs>
      kek-sa-server-lifetime-secs
    </kek-sa-server-lifetime-secs>
    <kek-sa-server-certificate>
      kek-sa-server-certificate
    </kek-sa-server-certificate>
  </kek-sa-server-info>
</ike-security-associations>

```

Description KEK SA server information

<kek-sa-server-info>

Usage

```

<ike-security-associations-block>
  <ike-security-associations>

```

```
<kek-sa-server-info>
  <kek-sa-server-retrans-period>
    kek-sa-server-retrans-period
  </kek-sa-server-retrans-period>
  <kek-sa-server-retrans-number>
    kek-sa-server-retrans-number
  </kek-sa-server-retrans-number>
  <kek-sa-server-lifetime-secs>
    kek-sa-server-lifetime-secs
  </kek-sa-server-lifetime-secs>
  <kek-sa-server-certificate>
    kek-sa-server-certificate
  </kek-sa-server-certificate>
</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
```

Description KEK SA server information

<kek-sa-server-info>

Usage

```
<ike-security-associations-information>
  <ike-security-associations>
    <kek-sa-server-info>
      <kek-sa-server-retrans-period>
        kek-sa-server-retrans-period
      </kek-sa-server-retrans-period>
      <kek-sa-server-retrans-number>
        kek-sa-server-retrans-number
      </kek-sa-server-retrans-number>
      <kek-sa-server-lifetime-secs>
        kek-sa-server-lifetime-secs
      </kek-sa-server-lifetime-secs>
      <kek-sa-server-certificate>
        kek-sa-server-certificate
      </kek-sa-server-certificate>
    </kek-sa-server-info>
  </ike-security-associations>
</ike-security-associations-information>
```

Description KEK SA server information

<kek-sa-server-info>

Usage

```
<ike-security-associations-information>
  <ike-security-associations-block>
    <ike-security-associations>
      <kek-sa-server-info>
        <kek-sa-server-retrans-period>
          kek-sa-server-retrans-period
        </kek-sa-server-retrans-period>
```

```

    <kek-sa-server-retrans-number>
      kek-sa-server-retrans-number
    </kek-sa-server-retrans-number>
    <kek-sa-server-lifetime-secs>
      kek-sa-server-lifetime-secs
    </kek-sa-server-lifetime-secs>
    <kek-sa-server-certificate>
      kek-sa-server-certificate
    </kek-sa-server-certificate>
  </kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
</ike-security-associations-information>

```

Description KEK SA server information

<kek-sa-server-info>

Usage

```

<kek-sa-server-info>
  <kek-sa-server-retrans-period>
    kek-sa-server-retrans-period
  </kek-sa-server-retrans-period>
  <kek-sa-server-retrans-number>
    kek-sa-server-retrans-number
  </kek-sa-server-retrans-number>
  <kek-sa-server-lifetime-secs>
    kek-sa-server-lifetime-secs
  </kek-sa-server-lifetime-secs>
  <kek-sa-server-certificate>
    kek-sa-server-certificate
  </kek-sa-server-certificate>
</kek-sa-server-info>

```

Description KEK SA server information

<kek-sa-server-info>

Usage

```

<gvpn-kek-security-associations-information>
  <ike-security-associations>
    <kek-sa-server-info>
      <kek-sa-server-retrans-period>
        kek-sa-server-retrans-period
      </kek-sa-server-retrans-period>
      <kek-sa-server-retrans-number>
        kek-sa-server-retrans-number
      </kek-sa-server-retrans-number>
      <kek-sa-server-lifetime-secs>
        kek-sa-server-lifetime-secs
      </kek-sa-server-lifetime-secs>
      <kek-sa-server-certificate>
        kek-sa-server-certificate
    </kek-sa-server-info>
  </ike-security-associations>
</gvpn-kek-security-associations-information>

```

```
</kek-sa-server-certificate>
</kek-sa-server-info>
</ike-security-associations>
</gvpn-kek-security-associations-information>
```

Description KEK SA server information

<kek-sa-server-info>

Usage

```
<gvpn-kek-security-associations-information>
<ike-security-associations-block>
<ike-security-associations>
<kek-sa-server-info>
  <kek-sa-server-retrans-period>
    kek-sa-server-retrans-period
  </kek-sa-server-retrans-period>
  <kek-sa-server-retrans-number>
    kek-sa-server-retrans-number
  </kek-sa-server-retrans-number>
  <kek-sa-server-lifetime-secs>
    kek-sa-server-lifetime-secs
  </kek-sa-server-lifetime-secs>
  <kek-sa-server-certificate>
    kek-sa-server-certificate
  </kek-sa-server-certificate>
</kek-sa-server-info>
</ike-security-associations>
</ike-security-associations-block>
</gvpn-kek-security-associations-information>
```

Description KEK SA server information

<kek-security-associations>

Usage

```
<kek-security-associations>
<ike-sa-index>
  ike-sa-index
</ike-sa-index>
<ike-sa-remote-address>
  ike-sa-remote-address
</ike-sa-remote-address>
<ike-sa-state>
  ike-sa-state
</ike-sa-state>
<ike-sa-initiator-cookie>
  ike-sa-initiator-cookie
</ike-sa-initiator-cookie>
<ike-sa-responder-cookie>
  ike-sa-responder-cookie
</ike-sa-responder-cookie>
<kek-sa-group-id>
```



```

    kek-sa-group-id
  </kek-sa-group-id>
</kek-security-associations>

```

Description

<kek-security-associations>

Usage

```

<gvpn-kek-security-associations-information>
  <kek-security-associations>
    <ike-sa-index>
      ike-sa-index
    </ike-sa-index>
    <ike-sa-remote-address>
      ike-sa-remote-address
    </ike-sa-remote-address>
    <ike-sa-state>
      ike-sa-state
    </ike-sa-state>
    <ike-sa-initiator-cookie>
      ike-sa-initiator-cookie
    </ike-sa-initiator-cookie>
    <ike-sa-responder-cookie>
      ike-sa-responder-cookie
    </ike-sa-responder-cookie>
    <kek-sa-group-id>
      kek-sa-group-id
    </kek-sa-group-id>
  </kek-security-associations>
</gvpn-kek-security-associations-information>

```

Description

<key-usage-list>

Usage

```

<key-usage-list>
  <key-usage>
    key-usage
  </key-usage>
</key-usage-list>

```

Description

<key-usage-list>

Usage

```

<x509-certificate-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>

```

</x509-certificate-info>

Description

<key-usage-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<key-usage-list>

Usage

```
<x509-certificate-cache-info>
  <key-usage-list>
    <key-usage>
      key-usage
    </key-usage>
  </key-usage-list>
</x509-certificate-cache-info>
```

Description

<key-usage-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <key-usage-list>
      <key-usage>
        key-usage
      </key-usage>
    </key-usage-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description

<kmd-memory-usage>

Usage

```
<kmd-memory-usage>
  <memory-block-type>
    memory-block-type
```

```

    </memory-block-type>
    <memory-in-use>
      memory-in-use
    </memory-in-use>
  </kmd-memory-usage>

```

Description Information about key management daemon memory usage

<kmd-memory-usage>

Usage

```

<kmd-memory-usage-information>
  <kmd-memory-usage>
    <memory-block-type>
      memory-block-type
    </memory-block-type>
    <memory-in-use>
      memory-in-use
    </memory-in-use>
  </kmd-memory-usage>
</kmd-memory-usage-information>

```

Description Information about key management daemon memory usage

<kmd-memory-usage-information>

Usage

```

<kmd-memory-usage-information>
  <kmd-memory-usage>....</kmd-memory-usage>
</kmd-memory-usage-information>

```

Description

<pki-scep>

Usage

```

<pki-scep>
  <url>
    url
  </url>
  <ca-name>
    ca-name
  </ca-name>
  <ca-file>
    ca-file
  </ca-file>
  <key>
    key
  </key>
  <certificate-subject>
    certificate-subject
  </certificate-subject>

```

```
<certificate-dns>
  certificate-dns
</certificate-dns>
<certificate-alternate-subject>
  certificate-alternate-subject
</certificate-alternate-subject>
<encoding>
  encoding
</encoding>
<message>
  message
</message>
</pki-scep>
```

Description Simple Certificate Enrollment Protocol

<public-key>

Usage

```
<public-key>
<public-key-algorithm>
  public-key-algorithm
</public-key-algorithm>
<public-key-length>
  public-key-length
</public-key-length>
<public-key-verification-status>
  public-key-verification-status
</public-key-verification-status>
</public-key>
```

Description Information about an X.509 public key

<public-key>

Usage

```
<x509-certificate-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-info>
```

Description Information about an X.509 public key

<public-key>**Usage**

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
      <public-key-verification-status>
        public-key-verification-status
      </public-key-verification-status>
    </public-key>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description Information about an X.509 public key

<public-key>**Usage**

```

<x509-certificate-cache-info>
  <public-key>
    <public-key-algorithm>
      public-key-algorithm
    </public-key-algorithm>
    <public-key-length>
      public-key-length
    </public-key-length>
    <public-key-verification-status>
      public-key-verification-status
    </public-key-verification-status>
  </public-key>
</x509-certificate-cache-info>

```

Description Information about an X.509 public key

<public-key>**Usage**

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key>
      <public-key-algorithm>
        public-key-algorithm
      </public-key-algorithm>
      <public-key-length>
        public-key-length
      </public-key-length>
    </public-key>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

```
<public-key-verification-status>
  public-key-verification-status
</public-key-verification-status>
</public-key>
</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about an X.509 public key

<public-key-contents-list>

Usage

```
<public-key-contents-list>
  <key-contents>
    key-contents
  </key-contents>
</public-key-contents-list>
```

Description

<public-key-contents-list>

Usage

```
<x509-certificate-info>
  <public-key-contents-list>
    <key-contents>
      key-contents
    </key-contents>
  </public-key-contents-list>
</x509-certificate-info>
```

Description

<public-key-contents-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description

<public-key-contents-list>

Usage

```
<x509-certificate-cache-info>
```

```

<public-key-contents-list>
  <key-contents>
    key-contents
  </key-contents>
</public-key-contents-list>
</x509-certificate-cache-info>

```

Description

<public-key-contents-list>

Usage

```

<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <public-key-contents-list>
      <key-contents>
        key-contents
      </key-contents>
    </public-key-contents-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>

```

Description

<sa-df-bit-policy-name>

Usage

```

<sa-df-bit-policy-name>
  <sa-df-bit>
    sa-df-bit
  </sa-df-bit>
  <sa-policy-name>
    sa-policy-name
  </sa-policy-name>
</sa-df-bit-policy-name>

```

Description

<sa-df-bit-policy-name>

Usage

```

<ipsec-security-associations-block>
  <sa-df-bit-policy-name>
    <sa-df-bit>
      sa-df-bit
    </sa-df-bit>
    <sa-policy-name>
      sa-policy-name
    </sa-policy-name>
  </sa-df-bit-policy-name>
</ipsec-security-associations-block>

```

Description**<sa-df-bit-policy-name>****Usage**

```
<ipsec-gvpn-security-associations-block>
  <sa-df-bit-policy-name>
    <sa-df-bit>
      sa-df-bit
    </sa-df-bit>
  <sa-policy-name>
    sa-policy-name
  </sa-policy-name>
</sa-df-bit-policy-name>
</ipsec-gvpn-security-associations-block>
```

Description**<sa-df-bit-policy-name>****Usage**

```
<ipsec-security-associations-information>
  <ipsec-security-associations-block>
    <sa-df-bit-policy-name>
      <sa-df-bit>
        sa-df-bit
      </sa-df-bit>
    <sa-policy-name>
      sa-policy-name
    </sa-policy-name>
  </sa-df-bit-policy-name>
</ipsec-security-associations-block>
</ipsec-security-associations-information>
```

Description**<sa-df-bit-policy-name>****Usage**

```
<ipsec-security-associations-information>
  <ipsec-gvpn-security-associations-block>
    <sa-df-bit-policy-name>
      <sa-df-bit>
        sa-df-bit
      </sa-df-bit>
    <sa-policy-name>
      sa-policy-name
    </sa-policy-name>
  </sa-df-bit-policy-name>
</ipsec-gvpn-security-associations-block>
</ipsec-security-associations-information>
```

Description

<sa-df-bit-policy-name>**Usage**

```

<ipsec-unestablished-tunnel-information>
  <ipsec-security-associations-block>
    <sa-df-bit-policy-name>
      <sa-df-bit>
        sa-df-bit
      </sa-df-bit>
    <sa-policy-name>
      sa-policy-name
    </sa-policy-name>
  </sa-df-bit-policy-name>
</ipsec-security-associations-block>
</ipsec-unestablished-tunnel-information>

```

Description**<sa-df-bit-policy-name>****Usage**

```

<ipsec-active-tunnel-debug-information>
  <ipsec-security-associations-block>
    <sa-df-bit-policy-name>
      <sa-df-bit>
        sa-df-bit
      </sa-df-bit>
    <sa-policy-name>
      sa-policy-name
    </sa-policy-name>
  </sa-df-bit-policy-name>
</ipsec-security-associations-block>
</ipsec-active-tunnel-debug-information>

```

Description**<sa-location>****Usage**

```

<sa-location>
  <sa-fpc>
    sa-fpc
  </sa-fpc>
  <sa-pic>
    sa-pic
  </sa-pic>
  <sa-kmd-instance>
    sa-kmd-instance
  </sa-kmd-instance>
</sa-location>

```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-security-associations-block>
  <sa-location>
    <sa-fpc>
      sa-fpc
    </sa-fpc>
    <sa-pic>
      sa-pic
    </sa-pic>
    <sa-kmd-instance>
      sa-kmd-instance
    </sa-kmd-instance>
  </sa-location>
</ipsec-security-associations-block>
```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-gvpn-security-associations-block>
  <sa-location>
    <sa-fpc>
      sa-fpc
    </sa-fpc>
    <sa-pic>
      sa-pic
    </sa-pic>
    <sa-kmd-instance>
      sa-kmd-instance
    </sa-kmd-instance>
  </sa-location>
</ipsec-gvpn-security-associations-block>
```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-security-associations-information>
  <sa-location>
    <sa-fpc>
      sa-fpc
    </sa-fpc>
    <sa-pic>
      sa-pic
    </sa-pic>
    <sa-kmd-instance>
      sa-kmd-instance
    </sa-kmd-instance>
```

```

    </sa-location>
  </ipsec-security-associations-information>

```

Description Location where SA is processed

<sa-location>

Usage

```

<ipsec-security-associations-information>
  <ipsec-security-associations-block>
    <sa-location>
      <sa-fpc>
        sa-fpc
      </sa-fpc>
      <sa-pic>
        sa-pic
      </sa-pic>
      <sa-kmd-instance>
        sa-kmd-instance
      </sa-kmd-instance>
    </sa-location>
  </ipsec-security-associations-block>
</ipsec-security-associations-information>

```

Description Location where SA is processed

<sa-location>

Usage

```

<ipsec-security-associations-information>
  <ipsec-gvpn-security-associations-block>
    <sa-location>
      <sa-fpc>
        sa-fpc
      </sa-fpc>
      <sa-pic>
        sa-pic
      </sa-pic>
      <sa-kmd-instance>
        sa-kmd-instance
      </sa-kmd-instance>
    </sa-location>
  </ipsec-gvpn-security-associations-block>
</ipsec-security-associations-information>

```

Description Location where SA is processed

<sa-location>

Usage

```

<ipsec-unestablished-tunnel-information>

```

```
<sa-location>
  <sa-fpc>
    sa-fpc
  </sa-fpc>
  <sa-pic>
    sa-pic
  </sa-pic>
  <sa-kmd-instance>
    sa-kmd-instance
  </sa-kmd-instance>
</sa-location>
</ipsec-unestablished-tunnel-information>
```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-unestablished-tunnel-information>
  <ipsec-security-associations-block>
    <sa-location>
      <sa-fpc>
        sa-fpc
      </sa-fpc>
      <sa-pic>
        sa-pic
      </sa-pic>
      <sa-kmd-instance>
        sa-kmd-instance
      </sa-kmd-instance>
    </sa-location>
  </ipsec-security-associations-block>
</ipsec-unestablished-tunnel-information>
```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-active-tunnel-debug-information>
  <sa-location>
    <sa-fpc>
      sa-fpc
    </sa-fpc>
    <sa-pic>
      sa-pic
    </sa-pic>
    <sa-kmd-instance>
      sa-kmd-instance
    </sa-kmd-instance>
  </sa-location>
</ipsec-active-tunnel-debug-information>
```

Description Location where SA is processed

<sa-location>

Usage

```
<ipsec-active-tunnel-debug-information>
  <ipsec-security-associations-block>
    <sa-location>
      <sa-fpc>
        sa-fpc
      </sa-fpc>
      <sa-pic>
        sa-pic
      </sa-pic>
      <sa-kmd-instance>
        sa-kmd-instance
      </sa-kmd-instance>
    </sa-location>
  </ipsec-security-associations-block>
</ipsec-active-tunnel-debug-information>
```

Description Location where SA is processed

<sa-tunnel-information>

Usage

```
<security-associations-block>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-inside-interface>
      sa-inside-interface
    </sa-inside-interface>
    <sa-tunnel-mtu>
      sa-tunnel-mtu
```

```
</sa-tunnel-mtu>
<sa-no-information>
  sa-no-information
</sa-no-information>
</sa-tunnel-information>
</security-associations-block>
```

Description

<sa-tunnel-information>

Usage

```
<services-security-associations-block>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-inside-interface>
      sa-inside-interface
    </sa-inside-interface>
    <sa-tunnel-mtu>
      sa-tunnel-mtu
    </sa-tunnel-mtu>
    <sa-no-information>
      sa-no-information
    </sa-no-information>
  </sa-tunnel-information>
</services-security-associations-block>
```

Description

<sa-tunnel-information>

Usage

```
<sa-tunnel-information>
  <sa-rule-name>
```

```

    sa-rule-name
  </sa-rule-name>
  <sa-term-name>
    sa-term-name
  </sa-term-name>
  <sa-tunnel-index>
    sa-tunnel-index
  </sa-tunnel-index>
  <sa-local-gateway>
    sa-local-gateway
  </sa-local-gateway>
  <sa-remote-gateway>
    sa-remote-gateway
  </sa-remote-gateway>
  <sa-local-identity>
    sa-local-identity
  </sa-local-identity>
  <sa-remote-identity>
    sa-remote-identity
  </sa-remote-identity>
  <sa-inside-interface>
    sa-inside-interface
  </sa-inside-interface>
  <sa-tunnel-mtu>
    sa-tunnel-mtu
  </sa-tunnel-mtu>
  <sa-no-information>
    sa-no-information
  </sa-no-information>
</sa-tunnel-information>

```

Description

<sa-tunnel-information>

Usage

```

<security-associations-information>
  <security-associations-block>
    <sa-tunnel-information>
      <sa-rule-name>
        sa-rule-name
      </sa-rule-name>
      <sa-term-name>
        sa-term-name
      </sa-term-name>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-local-gateway>
        sa-local-gateway
      </sa-local-gateway>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
      <sa-local-identity>

```

```
    sa-local-identity
  </sa-local-identity>
  <sa-remote-identity>
    sa-remote-identity
  </sa-remote-identity>
  <sa-inside-interface>
    sa-inside-interface
  </sa-inside-interface>
  <sa-tunnel-mtu>
    sa-tunnel-mtu
  </sa-tunnel-mtu>
  <sa-no-information>
    sa-no-information
  </sa-no-information>
</sa-tunnel-information>
</security-associations-block>
</security-associations-information>
```

Description

<sa-tunnel-information>

Usage

```
<security-associations-information>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
    <sa-term-name>
      sa-term-name
    </sa-term-name>
    <sa-tunnel-index>
      sa-tunnel-index
    </sa-tunnel-index>
    <sa-local-gateway>
      sa-local-gateway
    </sa-local-gateway>
    <sa-remote-gateway>
      sa-remote-gateway
    </sa-remote-gateway>
    <sa-local-identity>
      sa-local-identity
    </sa-local-identity>
    <sa-remote-identity>
      sa-remote-identity
    </sa-remote-identity>
    <sa-inside-interface>
      sa-inside-interface
    </sa-inside-interface>
    <sa-tunnel-mtu>
      sa-tunnel-mtu
    </sa-tunnel-mtu>
    <sa-no-information>
      sa-no-information
    </sa-no-information>
```



```

    </sa-tunnel-information>
  </security-associations-information>

```

Description

<sa-tunnel-information>

Usage

```

<services-security-associations-information>
  <services-security-associations-block>
    <sa-tunnel-information>
      <sa-rule-name>
        sa-rule-name
      </sa-rule-name>
      <sa-term-name>
        sa-term-name
      </sa-term-name>
      <sa-tunnel-index>
        sa-tunnel-index
      </sa-tunnel-index>
      <sa-local-gateway>
        sa-local-gateway
      </sa-local-gateway>
      <sa-remote-gateway>
        sa-remote-gateway
      </sa-remote-gateway>
      <sa-local-identity>
        sa-local-identity
      </sa-local-identity>
      <sa-remote-identity>
        sa-remote-identity
      </sa-remote-identity>
      <sa-inside-interface>
        sa-inside-interface
      </sa-inside-interface>
      <sa-tunnel-mtu>
        sa-tunnel-mtu
      </sa-tunnel-mtu>
      <sa-no-information>
        sa-no-information
      </sa-no-information>
    </sa-tunnel-information>
  </services-security-associations-block>
</services-security-associations-information>

```

Description

<sa-tunnel-information>

Usage

```

<services-security-associations-information>
  <sa-tunnel-information>
    <sa-rule-name>
      sa-rule-name
    </sa-rule-name>
  </sa-tunnel-information>
</services-security-associations-information>

```

```
</sa-rule-name>
<sa-term-name>
  sa-term-name
</sa-term-name>
<sa-tunnel-index>
  sa-tunnel-index
</sa-tunnel-index>
<sa-local-gateway>
  sa-local-gateway
</sa-local-gateway>
<sa-remote-gateway>
  sa-remote-gateway
</sa-remote-gateway>
<sa-local-identity>
  sa-local-identity
</sa-local-identity>
<sa-remote-identity>
  sa-remote-identity
</sa-remote-identity>
<sa-inside-interface>
  sa-inside-interface
</sa-inside-interface>
<sa-tunnel-mtu>
  sa-tunnel-mtu
</sa-tunnel-mtu>
<sa-no-information>
  sa-no-information
</sa-no-information>
</sa-tunnel-information>
</services-security-associations-information>
```

Description

<security-associations>

Usage

```
<security-associations-block>
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-state>
    sa-state
  </sa-state>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
```

```

</sa-type>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-authentication-key>
  sa-authentication-key
</sa-authentication-key>
<sa-encryption-key>
  sa-encryption-key
</sa-encryption-key>
</security-associations>
</security-associations-block>

```

Description Information about a single security association

<security-associations>

Usage

```

<services-security-associations-block>
  <security-associations>
    <sa-direction>
      sa-direction
    </sa-direction>
    <sa-spi>
      sa-spi
    </sa-spi>
    <sa-aux-spi>
      sa-aux-spi
    </sa-aux-spi>
    <sa-state>
      sa-state
    </sa-state>
    <sa-mode>
      sa-mode
    </sa-mode>
    <sa-type>

```

```
    sa-type
  </sa-type>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-authentication-key>
    sa-authentication-key
  </sa-authentication-key>
  <sa-encryption-key>
    sa-encryption-key
  </sa-encryption-key>
</security-associations>
</services-security-associations-block>
```

Description Information about a single security association

<security-associations>

Usage

```
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-state>
    sa-state
  </sa-state>
  <sa-mode>
    sa-mode
  </sa-mode>
  <sa-type>
```

```

    sa-type
  </sa-type>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-authentication-key>
    sa-authentication-key
  </sa-authentication-key>
  <sa-encryption-key>
    sa-encryption-key
  </sa-encryption-key>
</security-associations>

```

Description Information about a single security association

<security-associations>

Usage

```

<security-associations-information>
  <security-associations-block>
    <security-associations>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-spi>
        sa-spi
      </sa-spi>
      <sa-aux-spi>
        sa-aux-spi
      </sa-aux-spi>
      <sa-state>
        sa-state
      </sa-state>
      <sa-mode>
        sa-mode
      </sa-mode>
    </security-associations>
  </security-associations-block>
</security-associations-information>

```

```
<sa-type>
  sa-type
</sa-type>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-authentication-key>
  sa-authentication-key
</sa-authentication-key>
<sa-encryption-key>
  sa-encryption-key
</sa-encryption-key>
</security-associations>
</security-associations-block>
</security-associations-information>
```

Description Information about a single security association

<security-associations>

Usage

```
<security-associations-information>
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
  <sa-state>
    sa-state
  </sa-state>
  <sa-mode>
```

```

    sa-mode
  </sa-mode>
  <sa-type>
    sa-type
  </sa-type>
  <sa-protocol>
    sa-protocol
  </sa-protocol>
  <sa-authentication-algorithm>
    sa-authentication-algorithm
  </sa-authentication-algorithm>
  <sa-encryption-algorithm>
    sa-encryption-algorithm
  </sa-encryption-algorithm>
  <sa-soft-lifetime>
    sa-soft-lifetime
  </sa-soft-lifetime>
  <sa-hard-lifetime>
    sa-hard-lifetime
  </sa-hard-lifetime>
  <sa-anti-replay-service>
    sa-anti-replay-service
  </sa-anti-replay-service>
  <sa-replay-window-size>
    sa-replay-window-size
  </sa-replay-window-size>
  <sa-authentication-key>
    sa-authentication-key
  </sa-authentication-key>
  <sa-encryption-key>
    sa-encryption-key
  </sa-encryption-key>
</security-associations>
</security-associations-information>

```

Description Information about a single security association

<security-associations>

Usage

```

<services-security-associations-information>
  <services-security-associations-block>
    <security-associations>
      <sa-direction>
        sa-direction
      </sa-direction>
      <sa-spi>
        sa-spi
      </sa-spi>
      <sa-aux-spi>
        sa-aux-spi
      </sa-aux-spi>
      <sa-state>
        sa-state

```

```
</sa-state>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-authentication-key>
  sa-authentication-key
</sa-authentication-key>
<sa-encryption-key>
  sa-encryption-key
</sa-encryption-key>
</security-associations>
</services-security-associations-block>
</services-security-associations-information>
```

Description Information about a single security association

<security-associations>

Usage

```
<services-security-associations-information>
<security-associations>
  <sa-direction>
    sa-direction
  </sa-direction>
  <sa-spi>
    sa-spi
  </sa-spi>
  <sa-aux-spi>
    sa-aux-spi
  </sa-aux-spi>
```



```

<sa-state>
  sa-state
</sa-state>
<sa-mode>
  sa-mode
</sa-mode>
<sa-type>
  sa-type
</sa-type>
<sa-protocol>
  sa-protocol
</sa-protocol>
<sa-authentication-algorithm>
  sa-authentication-algorithm
</sa-authentication-algorithm>
<sa-encryption-algorithm>
  sa-encryption-algorithm
</sa-encryption-algorithm>
<sa-soft-lifetime>
  sa-soft-lifetime
</sa-soft-lifetime>
<sa-hard-lifetime>
  sa-hard-lifetime
</sa-hard-lifetime>
<sa-anti-replay-service>
  sa-anti-replay-service
</sa-anti-replay-service>
<sa-replay-window-size>
  sa-replay-window-size
</sa-replay-window-size>
<sa-authentication-key>
  sa-authentication-key
</sa-authentication-key>
<sa-encryption-key>
  sa-encryption-key
</sa-encryption-key>
</security-associations>
</services-security-associations-information>

```

Description Information about a single security association

<security-associations-block>

Usage

```

<security-associations-block>
  <sa-name>
    sa-name
  </sa-name>
  <sa-block-state>
    sa-block-state
  </sa-block-state>
  <sa-tunnel-information>....</sa-tunnel-information>
</security-associations>....</security-associations>

```

</security-associations-block>

Description Information about a single security association block

<security-associations-block>

Usage

```
<security-associations-information>
  <security-associations-block>
    <sa-name>
      sa-name
    </sa-name>
    <sa-block-state>
      sa-block-state
    </sa-block-state>
    <sa-tunnel-information>....</sa-tunnel-information>
    <security-associations>....</security-associations>
  </security-associations-block>
</security-associations-information>
```

Description Information about a single security association block

<security-associations-information>

Usage

```
<security-associations-information>
  <security-associations-block>....</security-associations-block>
  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
</security-associations-information>
```

Description

<serial-number-list>

Usage

```
<serial-number-list>
  <serial-number-x509>
    serial-number-x509
  </serial-number-x509>
</serial-number-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-info>
```

```
</serial-number-x509>
</serial-number-list>
</x509-certificate-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-cache-info>
  <serial-number-list>
    <serial-number-x509>
      serial-number-x509
    </serial-number-x509>
  </serial-number-list>
</x509-certificate-cache-info>
```

Description Serial numbers of one or more X.509 certificate

<serial-number-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <serial-number-list>
      <serial-number-x509>
        serial-number-x509
      </serial-number-x509>
    </serial-number-list>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Serial numbers of one or more X.509 certificate

<service-set-info>**Usage**

```
<service-set-info>
  <service-set-name>
    service-set-name
  </service-set-name>
  <total-cert-entries>
    total-cert-entries
  </total-cert-entries>
</service-set-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>**Usage**

```
<x509-certificate-cache-info>
  <service-set-info>
    <service-set-name>
      service-set-name
    </service-set-name>
    <total-cert-entries>
      total-cert-entries
    </total-cert-entries>
  </service-set-info>
</x509-certificate-cache-info>
```

Description Information about service set and certificate cache statistics

<service-set-info>**Usage**

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <service-set-info>
      <service-set-name>
        service-set-name
      </service-set-name>
      <total-cert-entries>
        total-cert-entries
      </total-cert-entries>
    </service-set-info>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about service set and certificate cache statistics

<services-security-associations-block>**Usage**

```

<services-security-associations-block>
  <svc-set-name>
    svc-set-name
  </svc-set-name>
  <outside-service-interface-routing-instance>
    outside-service-interface-routing-instance
  </outside-service-interface-routing-instance>
  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
  <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
</services-security-associations-block>

```

Description Information about a single services security associations block

<services-security-associations-block>**Usage**

```

<services-security-associations-information>
  <services-security-associations-block>
    <svc-set-name>
      svc-set-name
    </svc-set-name>
    <outside-service-interface-routing-instance>
      outside-service-interface-routing-instance
    </outside-service-interface-routing-instance>
    <sa-tunnel-information>....</sa-tunnel-information>
    <security-associations>....</security-associations>
    <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
  </services-security-associations-block>
</services-security-associations-information>

```

Description Information about a single services security associations block

<services-security-associations-information>**Usage**

```

<services-security-associations-information>
  <services-security-associations-block>....</services-security-associations-block>

  <sa-tunnel-information>....</sa-tunnel-information>
  <security-associations>....</security-associations>
  <tunnel-redundancy-extensive>....</tunnel-redundancy-extensive>
</services-security-associations-information>

```

Description

<subject>**Usage**

```
<x509-certificate-info>
  <subject>
    <distinguished-name>....</distinguished-name>
  </subject>
</x509-certificate-info>
```

Description Information about certificate owner

<subject>**Usage**

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <subject>
      <distinguished-name>....</distinguished-name>
    </subject>
  </x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Information about certificate owner

<tunnel-redundancy-extensive>**Usage**

```
<tunnel-redundancy-extensive>
  <ipsec-redundancy-counter>
    ipsec-redundancy-counter
  </ipsec-redundancy-counter>
  <ipsec-redundancy-tunnel-no-information>
    ipsec-redundancy-tunnel-no-information
  </ipsec-redundancy-tunnel-no-information>
  <ipsec-tunnel-redundancy-primary-remote-address>
    ipsec-tunnel-redundancy-primary-remote-address
  </ipsec-tunnel-redundancy-primary-remote-address>
  <ipsec-tunnel-redundancy-backup-remote-address>
    ipsec-tunnel-redundancy-backup-remote-address
  </ipsec-tunnel-redundancy-backup-remote-address>
  <ipsec-redundancy-primary-state>
    ipsec-redundancy-primary-state
  </ipsec-redundancy-primary-state>
  <ipsec-redundancy-backup-state>
    ipsec-redundancy-backup-state
  </ipsec-redundancy-backup-state>
</tunnel-redundancy-extensive>
```

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>**Usage**

```

<services-security-associations-block>
  <tunnel-redundancy-extensive>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-tunnel-no-information>
      ipsec-redundancy-tunnel-no-information
    </ipsec-redundancy-tunnel-no-information>
    <ipsec-tunnel-redundancy-primary-remote-address>
      ipsec-tunnel-redundancy-primary-remote-address
    </ipsec-tunnel-redundancy-primary-remote-address>
    <ipsec-tunnel-redundancy-backup-remote-address>
      ipsec-tunnel-redundancy-backup-remote-address
    </ipsec-tunnel-redundancy-backup-remote-address>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </tunnel-redundancy-extensive>
</services-security-associations-block>

```

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>**Usage**

```

<services-security-associations-information>
  <services-security-associations-block>
    <tunnel-redundancy-extensive>
      <ipsec-redundancy-counter>
        ipsec-redundancy-counter
      </ipsec-redundancy-counter>
      <ipsec-redundancy-tunnel-no-information>
        ipsec-redundancy-tunnel-no-information
      </ipsec-redundancy-tunnel-no-information>
      <ipsec-tunnel-redundancy-primary-remote-address>
        ipsec-tunnel-redundancy-primary-remote-address
      </ipsec-tunnel-redundancy-primary-remote-address>
      <ipsec-tunnel-redundancy-backup-remote-address>
        ipsec-tunnel-redundancy-backup-remote-address
      </ipsec-tunnel-redundancy-backup-remote-address>
      <ipsec-redundancy-primary-state>
        ipsec-redundancy-primary-state
      </ipsec-redundancy-primary-state>
      <ipsec-redundancy-backup-state>
        ipsec-redundancy-backup-state
      </ipsec-redundancy-backup-state>
    </tunnel-redundancy-extensive>
  </services-security-associations-block>

```

</services-security-associations-information>

Description Information about IPSec tunnel redundancy

<tunnel-redundancy-extensive>

Usage

```
<services-security-associations-information>
  <tunnel-redundancy-extensive>
    <ipsec-redundancy-counter>
      ipsec-redundancy-counter
    </ipsec-redundancy-counter>
    <ipsec-redundancy-tunnel-no-information>
      ipsec-redundancy-tunnel-no-information
    </ipsec-redundancy-tunnel-no-information>
    <ipsec-tunnel-redundancy-primary-remote-address>
      ipsec-tunnel-redundancy-primary-remote-address
    </ipsec-tunnel-redundancy-primary-remote-address>
    <ipsec-tunnel-redundancy-backup-remote-address>
      ipsec-tunnel-redundancy-backup-remote-address
    </ipsec-tunnel-redundancy-backup-remote-address>
    <ipsec-redundancy-primary-state>
      ipsec-redundancy-primary-state
    </ipsec-redundancy-primary-state>
    <ipsec-redundancy-backup-state>
      ipsec-redundancy-backup-state
    </ipsec-redundancy-backup-state>
  </tunnel-redundancy-extensive>
</services-security-associations-information>
```

Description Information about IPSec tunnel redundancy

<usp-ipsec-total-statistics-information>

Usage

```
<usp-ipsec-total-statistics-information>
  <esp-statistics>....</esp-statistics>
  <ah-statistics>....</ah-statistics>
  <error-statistics>....</error-statistics>
</usp-ipsec-total-statistics-information>
```

Description

<validity>

Usage

```
<validity>
  <not-before>
    not-before
  </not-before>
  <not-after>
    not-after
  </not-after>
```



```

    </not-after>
  </validity>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<x509-certificate-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>
</x509-certificate-info>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-info>
</x509-pki-certificate-info-list>

```

Description Information about validity period for X.509 certificate

<validity>

Usage

```

<x509-certificate-cache-info>
  <validity>
    <not-before>
      not-before
    </not-before>
    <not-after>
      not-after
    </not-after>
  </validity>

```

</x509-certificate-cache-info>

Description Information about validity period for X.509 certificate

<validity>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>
    <validity>
      <not-before>
        not-before
      </not-before>
      <not-after>
        not-after
      </not-after>
    </validity>
  </x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about validity period for X.509 certificate

<x509>

Usage

```
<certificates>
  <x509>
    <x509-ip>
      x509-ip
    </x509-ip>
    <x509-dns>
      x509-dns
    </x509-dns>
    <x509-uri>
      x509-uri
    </x509-uri>
    <x509-email>
      x509-email
    </x509-email>
  </x509>
</certificates>
```

Description Information about a single x509 record

<x509>

Usage

```
<x509>
  <x509-ip>
    x509-ip
  </x509-ip>
```

```

<x509-dns>
  x509-dns
</x509-dns>
<x509-uri>
  x509-uri
</x509-uri>
<x509-email>
  x509-email
</x509-email>
</x509>

```

Description Information about a single x509 record

<x509>

Usage

```

<certificate-information>
  <certificates>
    <x509>
      <x509-ip>
        x509-ip
      </x509-ip>
      <x509-dns>
        x509-dns
      </x509-dns>
      <x509-uri>
        x509-uri
      </x509-uri>
      <x509-email>
        x509-email
      </x509-email>
    </x509>
  </certificates>
</certificate-information>

```

Description Information about a single x509 record

<x509-certificate-cache-info>

Usage

```

<x509-certificate-cache-info>
  <service-set-info>....</service-set-info>
  <cert-flag-info>....</cert-flag-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm

```

```
</signature-algorithm>
<identifier>
  identifier
</identifier>
<validity>....</validity>
<version>
  version
</version>
<certificate-cache-entry>
  certificate-cache-entry
</certificate-cache-entry>
</x509-certificate-cache-info>
```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info>

Usage

```
<x509-certificate-cache-info-list>
<x509-certificate-cache-info>
  <service-set-info>....</service-set-info>
  <cert-flag-info>....</cert-flag-info>
  <issue-info>....</issue-info>
  <serial-number-list>....</serial-number-list>
  <public-key>....</public-key>
  <fingerprint>....</fingerprint>
  <public-key-contents-list>....</public-key-contents-list>
  <alternate-subject-list>....</alternate-subject-list>
  <key-usage-list>....</key-usage-list>
  <distribution-crl-list>....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier
  </identifier>
  <validity>....</validity>
  <version>
    version
  </version>
  <certificate-cache-entry>
    certificate-cache-entry
  </certificate-cache-entry>
</x509-certificate-cache-info>
</x509-certificate-cache-info-list>
```

Description Information about an X.509 certificate present in the cache

<x509-certificate-cache-info-list>

Usage

```
<x509-certificate-cache-info-list>
  <x509-certificate-cache-info>....</x509-certificate-cache-info>
```

</x509-certificate-cache-info-list>

Description Details of X.509 certificates present in the cache

<x509-certificate-info>

Usage

```
<x509-certificate-info>
  <issue-info>.....</issue-info>
  <serial-number-list>.....</serial-number-list>
  <public-key>.....</public-key>
  <fingerprint>.....</fingerprint>
  <public-key-contents-list>.....</public-key-contents-list>
  <alternate-subject-list>.....</alternate-subject-list>
  <key-usage-list>.....</key-usage-list>
  <distribution-crl-list>.....</distribution-crl-list>
  <signature-algorithm>
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier
  </identifier>
  <validity>.....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>.....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>.....</issuer>
  <subject>.....</subject>
</x509-certificate-info>
```

Description Detailed information about an X.509 certificate

<x509-certificate-info>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>
    <issue-info>.....</issue-info>
    <serial-number-list>.....</serial-number-list>
    <public-key>.....</public-key>
    <fingerprint>.....</fingerprint>
    <public-key-contents-list>.....</public-key-contents-list>
    <alternate-subject-list>.....</alternate-subject-list>
    <key-usage-list>.....</key-usage-list>
    <distribution-crl-list>.....</distribution-crl-list>
    <signature-algorithm>
```

```
    signature-algorithm
  </signature-algorithm>
  <identifier>
    identifier
  </identifier>
  <validity>....</validity>
  <version>
    version
  </version>
  <auto-re-enrollment>....</auto-re-enrollment>
  <certificate-type>
    certificate-type
  </certificate-type>
  <status>
    status
  </status>
  <issuer>....</issuer>
  <subject>....</subject>
</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description Detailed information about an X.509 certificate

<x509-crl-information>

Usage

```
<x509-crl-information>
  <crl-number>
    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>
```

Description Detailed information about X.509 certificate revocation list

<x509-crl-information>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>
    <crl-number>
```

```
    crl-number
  </crl-number>
  <crl-revocation-list>....</crl-revocation-list>
  <crl-validity>....</crl-validity>
  <crl-version>
    crl-version
  </crl-version>
  <crl-issuer>
    crl-issuer
  </crl-issuer>
  <identifier>
    identifier
  </identifier>
  <crl-issuer-alternate-subject-list>....</crl-issuer-alternate-subject-list>
  <crl-issuer-detail>....</crl-issuer-detail>
</x509-crl-information>
</x509-pki-crl-information-list>
```

Description Detailed information about X.509 certificate revocation list

<x509-pki-certificate-info-list>

Usage

```
<x509-pki-certificate-info-list>
  <x509-certificate-info>....</x509-certificate-info>
</x509-pki-certificate-info-list>
```

Description X.509 certificate details

<x509-pki-crl-information-list>

Usage

```
<x509-pki-crl-information-list>
  <x509-crl-information>....</x509-crl-information>
</x509-pki-crl-information-list>
```

Description Detailed information about X.509 certificate revocation list

Summary of ISDN Response Tags

<ces-status>

Usage

```
<ces-status>
  <ces-num>
    ces-num
  </ces-num>
  <layer2-status>
    layer2-status
  </layer2-status>
  <tei-status>
```

```
    tei-status
  </tei-status>
  <tei-assigned>
    tei-assigned
  </tei-assigned>
</ces-status>
```

Description Connection Endpoint Suffix status

<ces-status>

Usage

```
<q921-status>
  <ces-status>
    <ces-num>
      ces-num
    </ces-num>
    <layer2-status>
      layer2-status
    </layer2-status>
    <tei-status>
      tei-status
    </tei-status>
    <tei-assigned>
      tei-assigned
    </tei-assigned>
  </ces-status>
</q921-status>
```

Description Connection Endpoint Suffix status

<ces-status>

Usage

```
<isdn-status>
  <q921-status>
    <ces-status>
      <ces-num>
        ces-num
      </ces-num>
      <layer2-status>
        layer2-status
      </layer2-status>
      <tei-status>
        tei-status
      </tei-status>
      <tei-assigned>
        tei-assigned
      </tei-assigned>
    </ces-status>
  </q921-status>
</isdn-status>
```


Description Connection Endpoint Suffix status

<endpoint>

Usage

```
<endpoint>
  <ces-num>
    ces-num
  </ces-num>
  <isdn-spid>
    isdn-spid
  </isdn-spid>
  <endpoint-state>
    endpoint-state
  </endpoint-state>
  <usid>
    usid
  </usid>
  <tid>
    tid
  </tid>
</endpoint>
```

Description Detailed output for one endpoint

<endpoint>

Usage

```
<endpoint-status>
  <endpoint>
    <ces-num>
      ces-num
    </ces-num>
    <isdn-spid>
      isdn-spid
    </isdn-spid>
    <endpoint-state>
      endpoint-state
    </endpoint-state>
    <usid>
      usid
    </usid>
    <tid>
      tid
    </tid>
  </endpoint>
</endpoint-status>
```

Description Detailed output for one endpoint

<endpoint>

Usage

```
<isdn-config-options>
  <endpoint-status>
    <endpoint>
      <ces-num>
        ces-num
      </ces-num>
      <isdn-spid>
        isdn-spid
      </isdn-spid>
      <endpoint-state>
        endpoint-state
      </endpoint-state>
      <usid>
        usid
      </usid>
      <tid>
        tid
      </tid>
    </endpoint>
  </endpoint-status>
</isdn-config-options>
```

Description Detailed output for one endpoint

<endpoint-status>

Usage

```
<endpoint-status>
  <endpoint>....</endpoint>
</endpoint-status>
```

Description ISDN endpoint status

<endpoint-status>

Usage

```
<isdn-config-options>
  <endpoint-status>
    <endpoint>....</endpoint>
  </endpoint-status>
</isdn-config-options>
```

Description ISDN endpoint status

<isdn-call>

Usage

```
<isdn-call>
```

```

<bc-interface-name>
  bc-interface-name
</bc-interface-name>
<call-status>
  call-status
</call-status>
<error-code>
  error-code
</error-code>
<call-duration>
  call-duration
</call-duration>
<call-direction>
  call-direction
</call-direction>
<called-number>
  called-number
</called-number>
<calling-number>
  calling-number
</calling-number>
</isdn-call>

```

Description

<isdn-call>

Usage

```

<isdn-calls>
  <isdn-call>
    <bc-interface-name>
      bc-interface-name
    </bc-interface-name>
    <call-status>
      call-status
    </call-status>
    <error-code>
      error-code
    </error-code>
    <call-duration>
      call-duration
    </call-duration>
    <call-direction>
      call-direction
    </call-direction>
    <called-number>
      called-number
    </called-number>
    <calling-number>
      calling-number
    </calling-number>
  </isdn-call>
</isdn-calls>

```

Description**<isdn-call>****Usage**

```
<isdn-call-history>
  <isdn-call>
    <bc-interface-name>
      bc-interface-name
    </bc-interface-name>
    <call-status>
      call-status
    </call-status>
    <error-code>
      error-code
    </error-code>
    <call-duration>
      call-duration
    </call-duration>
    <call-direction>
      call-direction
    </call-direction>
    <called-number>
      called-number
    </called-number>
    <calling-number>
      calling-number
    </calling-number>
  </isdn-call>
</isdn-call-history>
```

Description**<isdn-call-history>****Usage**

```
<isdn-call-history>
  <isdn-call>.....</isdn-call>
</isdn-call-history>
```

Description**<isdn-calls>****Usage**

```
<isdn-calls>
  <isdn-call>.....</isdn-call>
</isdn-calls>
```

Description

<isdn-config-options>**Usage**

```

<isdn-config-options>
  <isdn-switch-type>
    isdn-switch-type
  </isdn-switch-type>
  <isdn-interface-type>
    isdn-interface-type
  </isdn-interface-type>
  <isdn-calling-number>
    isdn-calling-number
  </isdn-calling-number>
  <isdn-timer-t306>
    isdn-timer-t306
  </isdn-timer-t306>
  <isdn-timer-t310>
    isdn-timer-t310
  </isdn-timer-t310>
  <isdn-tei-option>
    isdn-tei-option
  </isdn-tei-option>
  <endpoint-status>....</endpoint-status>
</isdn-config-options>

```

Description**<isdn-status>****Usage**

```

<isdn-status>
  <isdn-interface-name>
    isdn-interface-name
  </isdn-interface-name>
  <layer1-status>
    layer1-status
  </layer1-status>
  <q921-status>....</q921-status>
  <q931-status>....</q931-status>
</isdn-status>

```

Description Isdn stack status**<q921-statistics>****Usage**

```

<q921-statistics>
  <info-frame-sent>
    info-frame-sent
  </info-frame-sent>
  <rr-frame-sent>
    rr-frame-sent
  </rr-frame-sent>

```

```
<rrnr-frame-sent>
  rrnr-frame-sent
</rrnr-frame-sent>
<rej-frame-sent>
  rej-frame-sent
</rej-frame-sent>
<sabme-frame-sent>
  sabme-frame-sent
</sabme-frame-sent>
<disc-frame-sent>
  disc-frame-sent
</disc-frame-sent>
<ua-frame-sent>
  ua-frame-sent
</ua-frame-sent>
<dm-frame-sent>
  dm-frame-sent
</dm-frame-sent>
<frmr-frame-sent>
  frmr-frame-sent
</frmr-frame-sent>
<xid-frame-sent>
  xid-frame-sent
</xid-frame-sent>
<ui-frame-sent>
  ui-frame-sent
</ui-frame-sent>
<info-frame-recv>
  info-frame-recv
</info-frame-recv>
<rr-frame-recv>
  rr-frame-recv
</rr-frame-recv>
<rrnr-frame-recv>
  rrnr-frame-recv
</rrnr-frame-recv>
<rej-frame-recv>
  rej-frame-recv
</rej-frame-recv>
<sabme-frame-recv>
  sabme-frame-recv
</sabme-frame-recv>
<disc-frame-recv>
  disc-frame-recv
</disc-frame-recv>
<ua-frame-recv>
  ua-frame-recv
</ua-frame-recv>
<dm-frame-recv>
  dm-frame-recv
</dm-frame-recv>
<frmr-frame-recv>
  frmr-frame-recv
</frmr-frame-recv>
<xid-frame-recv>
  xid-frame-recv
```

```

</xid-frame-recv>
<ui-frame-recv>
  ui-frame-recv
</ui-frame-recv>
</q921-statistics>

```

Description**<q921-status>****Usage**

```

<q921-status>
  <ces-status>....</ces-status>
</q921-status>

```

Description Q921 status**<q921-status>****Usage**

```

<isdn-status>
  <q921-status>
    <ces-status>....</ces-status>
  </q921-status>
</isdn-status>

```

Description Q921 status**<q931-statistics>****Usage**

```

<q931-statistics>
  <alerting-sent>
    alerting-sent
  </alerting-sent>
  <call-proceed-sent>
    call-proceed-sent
  </call-proceed-sent>
  <conn-sent>
    conn-sent
  </conn-sent>
  <conn-ack-sent>
    conn-ack-sent
  </conn-ack-sent>
  <progress-sent>
    progress-sent
  </progress-sent>
  <setup-sent>
    setup-sent
  </setup-sent>
  <setup-ack-sent>
    setup-ack-sent

```

```
</setup-ack-sent>
<disc-sent>
  disc-sent
</disc-sent>
<rel-sent>
  rel-sent
</rel-sent>
<rel-cmplt-sent>
  rel-cmplt-sent
</rel-cmplt-sent>
<rst-sent>
  rst-sent
</rst-sent>
<rst-ack-sent>
  rst-ack-sent
</rst-ack-sent>
<info-sent>
  info-sent
</info-sent>
<notify-sent>
  notify-sent
</notify-sent>
<stat-sent>
  stat-sent
</stat-sent>
<stat-enq-sent>
  stat-enq-sent
</stat-enq-sent>
<alerting-recv>
  alerting-recv
</alerting-recv>
<call-proceed-recv>
  call-proceed-recv
</call-proceed-recv>
<conn-recv>
  conn-recv
</conn-recv>
<conn-ack-recv>
  conn-ack-recv
</conn-ack-recv>
<progress-recv>
  progress-recv
</progress-recv>
<setup-recv>
  setup-recv
</setup-recv>
<setup-ack-recv>
  setup-ack-recv
</setup-ack-recv>
<disc-recv>
  disc-recv
</disc-recv>
<rel-recv>
  rel-recv
</rel-recv>
<rel-cmplt-recv>
```



```

    rel-cmplt-recv
  </rel-cmplt-recv>
  <rst-recv>
    rst-recv
  </rst-recv>
  <rst-ack-recv>
    rst-ack-recv
  </rst-ack-recv>
  <info-recv>
    info-recv
  </info-recv>
  <notify-recv>
    notify-recv
  </notify-recv>
  <stat-recv>
    stat-recv
  </stat-recv>
  <stat-enq-recv>
    stat-enq-recv
  </stat-enq-recv>
</q931-statistics>

```

Description**<q931-status>****Usage**

```

<q931-status>
  <active-num-calls>
    active-num-calls
  </active-num-calls>
</q931-status>

```

Description Q931 layer 3 status**<q931-status>****Usage**

```

<isdn-status>
  <q931-status>
    <active-num-calls>
      active-num-calls
    </active-num-calls>
  </q931-status>
</isdn-status>

```

Description Q931 layer 3 status

Summary of Stateful Redundancy Response Tags

<chassis-cluster-control>

Usage

```
<chassis-cluster-statistics>
  <chassis-cluster-interfaces>
    <chassis-cluster-control>
      <heartbeat-sent>
        heartbeat-sent
      </heartbeat-sent>
      <heartbeat-received>
        heartbeat-received
      </heartbeat-received>
      <control-interface-index>
        control-interface-index
      </control-interface-index>
      <heartbeat-errors>
        heartbeat-errors
      </heartbeat-errors>
    </chassis-cluster-control>
  </chassis-cluster-interfaces>
</chassis-cluster-statistics>
```

Description

<chassis-cluster-control-statistics>

Usage

```
<chassis-cluster-information>
  <chassis-cluster-internal-statistics>
    <chassis-cluster-control-statistics>
      <heartbeat-sent>
        heartbeat-sent
      </heartbeat-sent>
      <heartbeat-received>
        heartbeat-received
      </heartbeat-received>
      <heartbeat-errors>
        heartbeat-errors
      </heartbeat-errors>
      <heartbeat-duplicates>
        heartbeat-duplicates
      </heartbeat-duplicates>
      <control-interface-index>
        control-interface-index
      </control-interface-index>
      <control-link-recovery-packet-count>
        control-link-recovery-packet-count
      </control-link-recovery-packet-count>
      <last-heartbeat-id-sent>
        last-heartbeat-id-sent
      </last-heartbeat-id-sent>
      <last-heartbeat-id-received>
```

```

        last-heartbeat-id-received
      </last-heartbeat-id-received>
    </chassis-cluster-control-statistics>
  </chassis-cluster-internal-statistics>
</chassis-cluster-information>

```

Description

<chassis-cluster-dataplane-interfaces>

Usage

```

<chassis-cluster-dataplane-interfaces>
  <fabric-interface-index>
    fabric-interface-index
  </fabric-interface-index>
  <fabric-information>....</fabric-information>
</chassis-cluster-dataplane-interfaces>

```

Description

<chassis-cluster-ethernet-switching-interfaces>

Usage

```

<chassis-cluster-ethernet-switching-interfaces>
  <swfabric-interface-index>
    swfabric-interface-index
  </swfabric-interface-index>
  <swfabric-information>....</swfabric-information>
</chassis-cluster-ethernet-switching-interfaces>

```

Description

<chassis-cluster-ethernet-switching-statistics>

Usage

```

<chassis-cluster-ethernet-switching-statistics>
  <chassis-cluster-swfabric>....</chassis-cluster-swfabric>
</chassis-cluster-ethernet-switching-statistics>

```

Description

<chassis-cluster-ethernet-switching-status>

Usage

```

<chassis-cluster-ethernet-switching-status>
  <chassis-cluster-status>....</chassis-cluster-status>
  <ethernet-switching-status>
    ethernet-switching-status
  </ethernet-switching-status>
</chassis-cluster-ethernet-switching-status>

```

Description

<chassis-cluster-fabric>

Usage

```
<chassis-cluster-statistics>
  <chassis-cluster-interfaces>
    <chassis-cluster-fabric>
      <rto-packets>
        rto-packets
      </rto-packets>
      <forwarded-packets>
        forwarded-packets
      </forwarded-packets>
      <fabric-link-heartbeat-packets-sent>
        fabric-link-heartbeat-packets-sent
      </fabric-link-heartbeat-packets-sent>
      <fabric-link-heartbeat-packets-received>
        fabric-link-heartbeat-packets-received
      </fabric-link-heartbeat-packets-received>
      <fabric-probe-errors>
        fabric-probe-errors
      </fabric-probe-errors>
    </chassis-cluster-fabric>
  </chassis-cluster-interfaces>
</chassis-cluster-statistics>
```

Description

<chassis-cluster-fabric-statistics>

Usage

```
<chassis-cluster-information>
  <chassis-cluster-internal-statistics>
    <chassis-cluster-fabric-statistics>
      <fabric-link-heartbeat-packets-sent>
        fabric-link-heartbeat-packets-sent
      </fabric-link-heartbeat-packets-sent>
      <fabric-link-heartbeat-packets-received>
        fabric-link-heartbeat-packets-received
      </fabric-link-heartbeat-packets-received>
      <fabric-probe-errors>
        fabric-probe-errors
      </fabric-probe-errors>
      <fabric-probes-dropped-on-control-link-down>
        fabric-probes-dropped-on-control-link-down
      </fabric-probes-dropped-on-control-link-down>
      <fabric-probes-dropped-on-fabric-link-down>
        fabric-probes-dropped-on-fabric-link-down
      </fabric-probes-dropped-on-fabric-link-down>
      <fabric-probes-not-processed>
        fabric-probes-not-processed
      </fabric-probes-not-processed>
      <last-probe-id-sent>
        last-probe-id-sent
      </last-probe-id-sent>
      <last-probe-id-received>
```

```

        last-probe-id-received
      </last-probe-id-received>
    </chassis-cluster-fabric-statistics>
  </chassis-cluster-internal-statistics>
</chassis-cluster-information>

```

Description

<chassis-cluster-information>

Usage

```

<chassis-cluster-information>
  <chassis-cluster-redundancy-mode>....</chassis-cluster-redundancy-mode>
  <chassis-cluster-internal-statistics>....</chassis-cluster-internal-statistics>
  <chassis-cluster-led-information>....</chassis-cluster-led-information>
  <control-link-vlan-information>....</control-link-vlan-information>
  <redundancy-group-information-list>....</redundancy-group-information-list>
  <spu-monitoring-information>....</spu-monitoring-information>

  <cold-synchronization-monitoring-information>....</cold-synchronization-monitoring-information>

  <interface-monitoring-information>....</interface-monitoring-information>
  <fabric-monitoring-information>....</fabric-monitoring-information>
</chassis-cluster-information>

```

Description Displays complete statistics for debugging purposes

<chassis-cluster-interface-statistics>

Usage

```

<chassis-cluster-interface-statistics>
  <control-interface-index>
    control-interface-index
  </control-interface-index>
  <control-interface-name>
    control-interface-name
  </control-interface-name>
  <control-interface-status>
    control-interface-status
  </control-interface-status>
  <dataplane-interfaces>....</dataplane-interfaces>
  <dataplane-interface-status>
    dataplane-interface-status
  </dataplane-interface-status>
  <reth>....</reth>
  <interface-monitoring>....</interface-monitoring>
</chassis-cluster-interface-statistics>

```

Description

<chassis-cluster-interfaces>

Usage

```
<chassis-cluster-statistics>
  <chassis-cluster-interfaces>
    <chassis-cluster-control>....</chassis-cluster-control>
    <chassis-cluster-fabric>....</chassis-cluster-fabric>
  </chassis-cluster-interfaces>
</chassis-cluster-statistics>
```

Description

<chassis-cluster-internal-statistics>

Usage

```
<chassis-cluster-information>
  <chassis-cluster-internal-statistics>
    <chassis-cluster-control-statistics>....</chassis-cluster-control-statistics>
    <chassis-cluster-fabric-statistics>....</chassis-cluster-fabric-statistics>
    <chassis-cluster-swfabric-statistics>....</chassis-cluster-swfabric-statistics>
  </chassis-cluster-internal-statistics>
</chassis-cluster-information>
```

Description

<chassis-cluster-ip-monitoring>

Usage

```
<chassis-cluster-ip-monitoring>
  <redundancy-group>
    redundancy-group
  </redundancy-group>
  <ip-monitoring-weight>
    ip-monitoring-weight
  </ip-monitoring-weight>
  <ip-reachability-status>
    ip-reachability-status
  </ip-reachability-status>
  <reason>
    reason
  </reason>
  <ip-address>
    ip-address
  </ip-address>
  <failure-count>
    failure-count
  </failure-count>
</chassis-cluster-ip-monitoring>
```

Description

<chassis-cluster-ip-monitoring-database>**Usage**

```

<chassis-cluster-ip-monitoring-information>
  <chassis-cluster-ip-monitoring-database>
    <ip-monitoring-index>
      ip-monitoring-index
    </ip-monitoring-index>
    <ip-monitoring-version>
      ip-monitoring-version
    </ip-monitoring-version>
    <ip-monitoring-ip-address>
      ip-monitoring-ip-address
    </ip-monitoring-ip-address>
    <ip-monitoring-redundant-ethernet>
      ip-monitoring-redundant-ethernet
    </ip-monitoring-redundant-ethernet>
    <ip-monitoring-status>
      ip-monitoring-status
    </ip-monitoring-status>
    <ip-monitoring-retry-count>
      ip-monitoring-retry-count
    </ip-monitoring-retry-count>
    <ip-monitoring-retry-interval>
      ip-monitoring-retry-interval
    </ip-monitoring-retry-interval>
    <ip-monitoring-reth-logical-interface-count>
      ip-monitoring-reth-logical-interface-count
    </ip-monitoring-reth-logical-interface-count>
    <ip-monitoring-redundancy-group>
      ip-monitoring-redundancy-group
    </ip-monitoring-redundancy-group>
    <ip-monitoring-secondary-ip-address>
      ip-monitoring-secondary-ip-address
    </ip-monitoring-secondary-ip-address>
  </chassis-cluster-ip-monitoring-database>
</chassis-cluster-ip-monitoring-information>

```

Description**<chassis-cluster-ip-monitoring-global-database>****Usage**

```

<chassis-cluster-ip-monitoring-information>
  <chassis-cluster-ip-monitoring-global-database>
    <ip-monitoring-index>
      ip-monitoring-index
    </ip-monitoring-index>
    <ip-monitoring-version>
      ip-monitoring-version
    </ip-monitoring-version>
    <ip-monitoring-ip-address>
      ip-monitoring-ip-address
    </ip-monitoring-ip-address>
    <ip-monitoring-redundant-ethernet>

```

```
    ip-monitoring-redundant-ethernet
  </ip-monitoring-redundant-ethernet>
  <ip-monitoring-reference-count>
    ip-monitoring-reference-count
  </ip-monitoring-reference-count>
  <ip-monitoring-status>
    ip-monitoring-status
  </ip-monitoring-status>
</chassis-cluster-ip-monitoring-global-database>
</chassis-cluster-ip-monitoring-information>
```

Description

<chassis-cluster-ip-monitoring-information>

Usage

```
<chassis-cluster-ip-monitoring-information>

<chassis-cluster-ip-monitoring-global-database>....</chassis-cluster-ip-monitoring-global-database>

<chassis-cluster-ip-monitoring-database>....</chassis-cluster-ip-monitoring-database>

  <chassis-cluster-reth-database>....</chassis-cluster-reth-database>
</chassis-cluster-ip-monitoring-information>
```

Description Show IP monitoring information

<chassis-cluster-led-information>

Usage

```
<chassis-cluster-information>
  <chassis-cluster-led-information>
    <current-led-color>
      current-led-color
    </current-led-color>
    <last-change-reason>
      last-change-reason
    </last-change-reason>
  </chassis-cluster-led-information>
</chassis-cluster-information>
```

Description Chassis cluster LED related information

<chassis-cluster-redundancy-mode>

Usage

```
<chassis-cluster-information>
  <chassis-cluster-redundancy-mode>
    <configured>
      configured
    </configured>
```



```

<operational>
  operational
</operational>
</chassis-cluster-redundancy-mode>
</chassis-cluster-information>

```

Description

<chassis-cluster-reth-database>

Usage

```

<chassis-cluster-ip-monitoring-information>
  <chassis-cluster-reth-database>
    <ip-monitoring-redundant-ethernet>
      ip-monitoring-redundant-ethernet
    </ip-monitoring-redundant-ethernet>
    <reth-child-info-count>
      reth-child-info-count
    </reth-child-info-count>
    <reth-interface-to-mac-status>
      reth-interface-to-mac-status
    </reth-interface-to-mac-status>
    <reth-child-interface>
      reth-child-interface
    </reth-child-interface>
    <reth-child-mac-address>
      reth-child-mac-address
    </reth-child-mac-address>
    <reth-child-status>
      reth-child-status
    </reth-child-status>
  </chassis-cluster-reth-database>
</chassis-cluster-ip-monitoring-information>

```

Description

<chassis-cluster-statistics>

Usage

```

<chassis-cluster-statistics>
  <chassis-cluster-interfaces>....</chassis-cluster-interfaces>
</chassis-cluster-statistics>

```

Description

<chassis-cluster-status>

Usage

```

<chassis-cluster-status>
  <cluster-id>
    cluster-id
  </cluster-id>
  <redundancy-group>
    redundancy-group

```

```
</redundancy-group>
</chassis-cluster-status>
```

Description

<chassis-cluster-status>

Usage

```
<chassis-cluster-ethernet-switching-status>
  <chassis-cluster-status>
    <cluster-id>
      cluster-id
    </cluster-id>
    <redundancy-group>
      redundancy-group
    </redundancy-group>
  </chassis-cluster-status>
</chassis-cluster-ethernet-switching-status>
```

Description

<chassis-cluster-swfabric>

Usage

```
<chassis-cluster-swfabric>
  <swfabric-probe-state>
    swfabric-probe-state
  </swfabric-probe-state>
  <swfabric-link-heartbeat-packets-sent>
    swfabric-link-heartbeat-packets-sent
  </swfabric-link-heartbeat-packets-sent>
  <swfabric-link-heartbeat-packets-received>
    swfabric-link-heartbeat-packets-received
  </swfabric-link-heartbeat-packets-received>
  <swfabric-probe-recv-errors>
    swfabric-probe-recv-errors
  </swfabric-probe-recv-errors>
  <swfabric-probe-send-errors>
    swfabric-probe-send-errors
  </swfabric-probe-send-errors>
</chassis-cluster-swfabric>
```

Description

<chassis-cluster-swfabric>

Usage

```
<chassis-cluster-ethernet-switching-statistics>
  <chassis-cluster-swfabric>
    <swfabric-probe-state>
      swfabric-probe-state
    </swfabric-probe-state>
    <swfabric-link-heartbeat-packets-sent>
      swfabric-link-heartbeat-packets-sent
```

```

</swfabric-link-heartbeat-packets-sent>
<swfabric-link-heartbeat-packets-received>
  swfabric-link-heartbeat-packets-received
</swfabric-link-heartbeat-packets-received>
<swfabric-probe-recv-errors>
  swfabric-probe-recv-errors
</swfabric-probe-recv-errors>
<swfabric-probe-send-errors>
  swfabric-probe-send-errors
</swfabric-probe-send-errors>
</chassis-cluster-swfabric>
</chassis-cluster-ethernet-switching-statistics>

```

Description

<chassis-cluster-swfabric-statistics>

Usage

```

<chassis-cluster-information>
<chassis-cluster-internal-statistics>
  <chassis-cluster-swfabric-statistics>
    <swfabric-probe-state>
      swfabric-probe-state
    </swfabric-probe-state>
    <swfabric-link-heartbeat-packets-sent>
      swfabric-link-heartbeat-packets-sent
    </swfabric-link-heartbeat-packets-sent>
    <swfabric-link-heartbeat-packets-received>
      swfabric-link-heartbeat-packets-received
    </swfabric-link-heartbeat-packets-received>
    <swfabric-probe-recv-errors>
      swfabric-probe-recv-errors
    </swfabric-probe-recv-errors>
    <swfabric-probe-send-errors>
      swfabric-probe-send-errors
    </swfabric-probe-send-errors>
    <swfabric-probe-recv-dropped>
      swfabric-probe-recv-dropped
    </swfabric-probe-recv-dropped>
    <swfabric-last-probe-id-sent>
      swfabric-last-probe-id-sent
    </swfabric-last-probe-id-sent>
    <swfabric-last-probe-id-rcvd>
      swfabric-last-probe-id-rcvd
    </swfabric-last-probe-id-rcvd>
  </chassis-cluster-swfabric-statistics>
</chassis-cluster-internal-statistics>
</chassis-cluster-information>

```

Description

<clear-chassis-cluster-statistics>

Usage

```
<clear-chassis-cluster-statistics>
  <chassis-cluster-statistics-type>
    chassis-cluster-statistics-type
  </chassis-cluster-statistics-type>
</clear-chassis-cluster-statistics>
```

Description Clear chassis cluster statistics

<cold-synchronization-events>

Usage

```
<cold-synchronization-monitoring-information>
  <cold-synchronization-events>
    <cold-synchronization-event>
      cold-synchronization-event
    </cold-synchronization-event>
  </cold-synchronization-events>
</cold-synchronization-monitoring-information>
```

Description List of cold synchronization events

<cold-synchronization-events>

Usage

```
<chassis-cluster-information>
  <cold-synchronization-monitoring-information>
    <cold-synchronization-events>
      <cold-synchronization-event>
        cold-synchronization-event
      </cold-synchronization-event>
    </cold-synchronization-events>
  </cold-synchronization-monitoring-information>
</chassis-cluster-information>
```

Description List of cold synchronization events

<cold-synchronization-monitoring-information>

Usage

```
<cold-synchronization-monitoring-information>

<cold-synchronization-status-information>....</cold-synchronization-status-information>

  <cold-synchronization-statistics>....</cold-synchronization-statistics>
  <cold-synchronization-events>....</cold-synchronization-events>
</cold-synchronization-monitoring-information>
```

Description Cold sync monitoring related information

<cold-synchronization-monitoring-information>

Usage

```
<chassis-cluster-information>
  <cold-synchronization-monitoring-information>

    <cold-synchronization-status-information>....</cold-synchronization-status-information>

    <cold-synchronization-statistics>....</cold-synchronization-statistics>
    <cold-synchronization-events>....</cold-synchronization-events>
  </cold-synchronization-monitoring-information>
</chassis-cluster-information>
```

Description Cold sync monitoring related information

<cold-synchronization-pfe-statistics>

Usage

```
<cold-synchronization-monitoring-information>
  <cold-synchronization-statistics>
    <cold-synchronization-pfe-statistics>
      <pfe-name>
        pfe-name
      </pfe-name>
      <cold-synchronization-pfe-completed>
        cold-synchronization-pfe-completed
      </cold-synchronization-pfe-completed>
      <cold-synchronization-pfe-failed>
        cold-synchronization-pfe-failed
      </cold-synchronization-pfe-failed>
    </cold-synchronization-pfe-statistics>
  </cold-synchronization-statistics>
</cold-synchronization-monitoring-information>
```

Description Cold synchroniizaton statistics for each PFE

<cold-synchronization-pfe-statistics>

Usage

```
<chassis-cluster-information>
  <cold-synchronization-monitoring-information>
    <cold-synchronization-statistics>
      <cold-synchronization-pfe-statistics>
        <pfe-name>
          pfe-name
        </pfe-name>
        <cold-synchronization-pfe-completed>
          cold-synchronization-pfe-completed
        </cold-synchronization-pfe-completed>
        <cold-synchronization-pfe-failed>
```

```
    cold-synchronization-pfe-failed
  </cold-synchronization-pfe-failed>
</cold-synchronization-pfe-statistics>
</cold-synchronization-statistics>
</cold-synchronization-monitoring-information>
</chassis-cluster-information>
```

Description Cold synchroniizaton statistics for each PFE

<cold-synchronization-statistics>

Usage

```
<cold-synchronization-monitoring-information>
<cold-synchronization-statistics>
  <current-cold-synchronization-completed>
    current-cold-synchronization-completed
  </current-cold-synchronization-completed>
  <current-cold-synchronization-failed>
    current-cold-synchronization-failed
  </current-cold-synchronization-failed>
  <cold-synchronization-pfe-statistics> ....</cold-synchronization-pfe-statistics>
</cold-synchronization-statistics>
</cold-synchronization-monitoring-information>
```

Description Cold synchronization statistics

<cold-synchronization-statistics>

Usage

```
<chassis-cluster-information>
<cold-synchronization-monitoring-information>
  <cold-synchronization-statistics>
    <current-cold-synchronization-completed>
      current-cold-synchronization-completed
    </current-cold-synchronization-completed>
    <current-cold-synchronization-failed>
      current-cold-synchronization-failed
    </current-cold-synchronization-failed>
    <cold-synchronization-pfe-statistics> ....</cold-synchronization-pfe-statistics>

  </cold-synchronization-statistics>
</cold-synchronization-monitoring-information>
</chassis-cluster-information>
```

Description Cold synchronization statistics

<cold-synchronization-status-information>

Usage

```
<cold-synchronization-monitoring-information>
  <cold-synchronization-status-information>
```

```

<cold-synchronization-completed>
  cold-synchronization-completed
</cold-synchronization-completed>
<cold-synchronization-not-completed>
  cold-synchronization-not-completed
</cold-synchronization-not-completed>
<cold-synchronization-unknown>
  cold-synchronization-unknown
</cold-synchronization-unknown>
<cold-synchronization-weight>
  cold-synchronization-weight
</cold-synchronization-weight>
</cold-synchronization-status-information>
</cold-synchronization-monitoring-information>

```

Description Cold synchronization related status information

<cold-synchronization-status-information>

Usage

```

<chassis-cluster-information>
  <cold-synchronization-monitoring-information>
    <cold-synchronization-status-information>
      <cold-synchronization-completed>
        cold-synchronization-completed
      </cold-synchronization-completed>
      <cold-synchronization-not-completed>
        cold-synchronization-not-completed
      </cold-synchronization-not-completed>
      <cold-synchronization-unknown>
        cold-synchronization-unknown
      </cold-synchronization-unknown>
      <cold-synchronization-weight>
        cold-synchronization-weight
      </cold-synchronization-weight>
    </cold-synchronization-status-information>
  </cold-synchronization-monitoring-information>
</chassis-cluster-information>

```

Description Cold synchronization related status information

<control-link-vlan-information>

Usage

```

<chassis-cluster-information>
  <control-link-vlan-information>
    <control-link-vlan-status>
      control-link-vlan-status
    </control-link-vlan-status>
  </control-link-vlan-information>
</chassis-cluster-information>

```

Description Control port traffic tagging with vlan(4094) enabled or disabled

<dataplane-interfaces>

Usage

```
<chassis-cluster-interface-statistics>
  <dataplane-interfaces>
    <fabric-information>....</fabric-information>
  </dataplane-interfaces>
</chassis-cluster-interface-statistics>
```

Description

<fabric-information>

Usage

```
<chassis-cluster-interface-statistics>
  <dataplane-interfaces>
    <fabric-information>
      <fabric-interface-index>
        fabric-interface-index
      </fabric-interface-index>
      <fabric-child-interface-name>
        fabric-child-interface-name
      </fabric-child-interface-name>
      <fabric-child-interface-status>
        fabric-child-interface-status
      </fabric-child-interface-status>
    </fabric-information>
  </dataplane-interfaces>
</chassis-cluster-interface-statistics>
```

Description

<fabric-information>

Usage

```
<chassis-cluster-dataplane-interfaces>
  <fabric-information>
    <fabric-interface-index>
      fabric-interface-index
    </fabric-interface-index>
    <fabric-child-interface-name>
      fabric-child-interface-name
    </fabric-child-interface-name>
    <fabric-child-interface-status>
      fabric-child-interface-status
    </fabric-child-interface-status>
  </fabric-information>
</chassis-cluster-dataplane-interfaces>
```

Description

<fabric-monitoring-information>**Usage**

```

<fabric-monitoring-information>
  <fabric-monitoring-status>....</fabric-monitoring-status>
</fabric-monitoring-information>

```

Description Fabric monitoring related information

<fabric-monitoring-information>**Usage**

```

<chassis-cluster-information>
  <fabric-monitoring-information>
    <fabric-monitoring-status>....</fabric-monitoring-status>
  </fabric-monitoring-information>
</chassis-cluster-information>

```

Description Fabric monitoring related information

<fabric-monitoring-status>**Usage**

```

<fabric-monitoring-information>
  <fabric-monitoring-status>
    <fabric-monitoring-state>
      fabric-monitoring-state
    </fabric-monitoring-state>
    <fabric-monitoring-activation-status>
      fabric-monitoring-activation-status
    </fabric-monitoring-activation-status>
  </fabric-monitoring-status>
</fabric-monitoring-information>

```

Description Fabric monitoring status

<fabric-monitoring-status>**Usage**

```

<chassis-cluster-information>
  <fabric-monitoring-information>
    <fabric-monitoring-status>
      <fabric-monitoring-state>
        fabric-monitoring-state
      </fabric-monitoring-state>
      <fabric-monitoring-activation-status>
        fabric-monitoring-activation-status
      </fabric-monitoring-activation-status>
    </fabric-monitoring-status>
  </fabric-monitoring-information>

```

</chassis-cluster-information>

Description Fabric monitoring status

<interface-monitoring>

Usage

```
<chassis-cluster-interface-statistics>
  <interface-monitoring>
    <weight>
      weight
    </weight>
    <status>
      status
    </status>
    <interface-name-for-monitoring>
      interface-name-for-monitoring
    </interface-name-for-monitoring>
    <redundancy-group-for-interface>
      redundancy-group-for-interface
    </redundancy-group-for-interface>
  </interface-monitoring>
</chassis-cluster-interface-statistics>
```

Description

<interface-monitoring-events>

Usage

```
<interface-monitoring-information>
  <interface-monitoring-events>
    <interface-monitoring-event>
      interface-monitoring-event
    </interface-monitoring-event>
  </interface-monitoring-events>
</interface-monitoring-information>
```

Description List of interface monitoring events

<interface-monitoring-events>

Usage

```
<chassis-cluster-information>
  <interface-monitoring-information>
    <interface-monitoring-events>
      <interface-monitoring-event>
        interface-monitoring-event
      </interface-monitoring-event>
    </interface-monitoring-events>
  </interface-monitoring-information>
</chassis-cluster-information>
```

Description List of interface monitoring events

<interface-monitoring-information>

Usage

```
<interface-monitoring-information>
  <interface-monitoring-statistics>....</interface-monitoring-statistics>
  <interface-monitoring-events>....</interface-monitoring-events>
</interface-monitoring-information>
```

Description Interface monitoring related information

<interface-monitoring-information>

Usage

```
<chassis-cluster-information>
  <interface-monitoring-information>
    <interface-monitoring-statistics>....</interface-monitoring-statistics>
    <interface-monitoring-events>....</interface-monitoring-events>
  </interface-monitoring-information>
</chassis-cluster-information>
```

Description Interface monitoring related information

<interface-monitoring-statistics>

Usage

```
<interface-monitoring-information>
  <interface-monitoring-statistics>
    <monitored-interface-failover-count>
      monitored-interface-failover-count
    </monitored-interface-failover-count>
  </interface-monitoring-statistics>
</interface-monitoring-information>
```

Description Interface monitoring related statistics

<interface-monitoring-statistics>

Usage

```
<chassis-cluster-information>
  <interface-monitoring-information>
    <interface-monitoring-statistics>
      <monitored-interface-failover-count>
        monitored-interface-failover-count
      </monitored-interface-failover-count>
    </interface-monitoring-statistics>
  </interface-monitoring-information>
</chassis-cluster-information>
```

Description Interface monitoring related statistics

<redundancy-group-information>

Usage

```
<redundancy-group-information-list>
  <redundancy-group-information>
    <redundancy-group-id>
      redundancy-group-id
    </redundancy-group-id>

    <redundancy-group-monitoring-information>....</redundancy-group-monitoring-information>

    <redundancy-group-state-transition-events>....</redundancy-group-state-transition-events>

  </redundancy-group-information>
</redundancy-group-information-list>
```

Description Redundancy group related information

<redundancy-group-information>

Usage

```
<chassis-cluster-information>
  <redundancy-group-information-list>
    <redundancy-group-information>
      <redundancy-group-id>
        redundancy-group-id
      </redundancy-group-id>

      <redundancy-group-monitoring-information>....</redundancy-group-monitoring-information>

      <redundancy-group-state-transition-events>....</redundancy-group-state-transition-events>

    </redundancy-group-information>
  </redundancy-group-information-list>
</chassis-cluster-information>
```

Description Redundancy group related information

<redundancy-group-information-list>

Usage

```
<redundancy-group-information-list>
  <redundancy-group-information>....</redundancy-group-information>
</redundancy-group-information-list>
```

Description

<redundancy-group-information-list>**Usage**

```

<chassis-cluster-information>
  <redundancy-group-information-list>
    <redundancy-group-information>....</redundancy-group-information>
  </redundancy-group-information-list>
</chassis-cluster-information>

```

Description**<redundancy-group-monitoring-information>****Usage**

```

<redundancy-group-information-list>
  <redundancy-group-information>
    <redundancy-group-monitoring-information>
      <monitoring-failure-string>
        monitoring-failure-string
      </monitoring-failure-string>
      <redundancy-group-threshold>
        redundancy-group-threshold
      </redundancy-group-threshold>
    </redundancy-group-monitoring-information>
  </redundancy-group-information>
</redundancy-group-information-list>

```

Description**<redundancy-group-monitoring-information>****Usage**

```

<chassis-cluster-information>
  <redundancy-group-information-list>
    <redundancy-group-information>
      <redundancy-group-monitoring-information>
        <monitoring-failure-string>
          monitoring-failure-string
        </monitoring-failure-string>
        <redundancy-group-threshold>
          redundancy-group-threshold
        </redundancy-group-threshold>
      </redundancy-group-monitoring-information>
    </redundancy-group-information>
  </redundancy-group-information-list>
</chassis-cluster-information>

```

Description**<redundancy-group-state-transition-events>****Usage**

```

<redundancy-group-information-list>

```

```
<redundancy-group-information>
  <redundancy-group-state-transition-events>
    <redundancy-group-state-transition-event>
      redundancy-group-state-transition-event
    </redundancy-group-state-transition-event>
  </redundancy-group-state-transition-events>
</redundancy-group-information>
</redundancy-group-information-list>
```

Description Redundancy group state transition details

<redundancy-group-state-transition-events>

Usage

```
<chassis-cluster-information>
  <redundancy-group-information-list>
    <redundancy-group-information>
      <redundancy-group-state-transition-events>
        <redundancy-group-state-transition-event>
          redundancy-group-state-transition-event
        </redundancy-group-state-transition-event>
      </redundancy-group-state-transition-events>
    </redundancy-group-information>
  </redundancy-group-information-list>
</chassis-cluster-information>
```

Description Redundancy group state transition details

<reth>

Usage

```
<chassis-cluster-interface-statistics>
  <reth>
    <reth-name>
      reth-name
    </reth-name>
    <reth-status>
      reth-status
    </reth-status>
    <redundancy-group-id-for-reth>
      redundancy-group-id-for-reth
    </redundancy-group-id-for-reth>
  </reth>
</chassis-cluster-interface-statistics>
```

Description

<services-synchronized>

Usage

```
<services-synchronized>
  <service-name>
```

```

    service-name
  </service-name>
  <rtos-sent>
    rtos-sent
  </rtos-sent>
  <rtos-received>
    rtos-received
  </rtos-received>
</services-synchronized>

```

Description**<spu-monitoring-events>****Usage**

```

<spu-monitoring-information>
  <spu-monitoring-events>
    <spu-monitoring-event>
      spu-monitoring-event
    </spu-monitoring-event>
  </spu-monitoring-events>
</spu-monitoring-information>

```

Description List of SPU monitoring events**<spu-monitoring-events>****Usage**

```

<chassis-cluster-information>
  <spu-monitoring-information>
    <spu-monitoring-events>
      <spu-monitoring-event>
        spu-monitoring-event
      </spu-monitoring-event>
    </spu-monitoring-events>
  </spu-monitoring-information>
</chassis-cluster-information>

```

Description List of SPU monitoring events**<spu-monitoring-information>****Usage**

```

<spu-monitoring-information>
  <spu-monitoring-status>....</spu-monitoring-status>
  <spu-monitoring-statistics>....</spu-monitoring-statistics>
  <spu-monitoring-events>....</spu-monitoring-events>
</spu-monitoring-information>

```

Description SPU monitoring related information

<spu-monitoring-information>

Usage

```
<chassis-cluster-information>
  <spu-monitoring-information>
    <spu-monitoring-status>....</spu-monitoring-status>
    <spu-monitoring-statistics>....</spu-monitoring-statistics>
    <spu-monitoring-events>....</spu-monitoring-events>
  </spu-monitoring-information>
</chassis-cluster-information>
```

Description SPU monitoring related information

<spu-monitoring-spu-state>

Usage

```
<spu-monitoring-information>
  <spu-monitoring-status>
    <spu-monitoring-spu-state>
      <pfe-name>
        pfe-name
      </pfe-name>
      <pic-state>
        pic-state
      </pic-state>
    </spu-monitoring-spu-state>
  </spu-monitoring-status>
</spu-monitoring-information>
```

Description Each SPU current state

<spu-monitoring-spu-state>

Usage

```
<chassis-cluster-information>
  <spu-monitoring-information>
    <spu-monitoring-status>
      <spu-monitoring-spu-state>
        <pfe-name>
          pfe-name
        </pfe-name>
        <pic-state>
          pic-state
        </pic-state>
      </spu-monitoring-spu-state>
    </spu-monitoring-status>
  </spu-monitoring-information>
</chassis-cluster-information>
```

Description Each SPU current state

<spu-monitoring-statistics>**Usage**

```

<spu-monitoring-information>
  <spu-monitoring-statistics>
    <spu-up-count>
      spu-up-count
    </spu-up-count>
    <spu-down-count>
      spu-down-count
    </spu-down-count>
    <npc-up-count>
      npc-up-count
    </npc-up-count>
    <npc-down-count>
      npc-down-count
    </npc-down-count>
    <chinfo-blob-error-count>
      chinfo-blob-error-count
    </chinfo-blob-error-count>
  </spu-monitoring-statistics>
</spu-monitoring-information>

```

Description Detailed statistics of SPU monitoring

<spu-monitoring-statistics>**Usage**

```

<chassis-cluster-information>
  <spu-monitoring-information>
    <spu-monitoring-statistics>
      <spu-up-count>
        spu-up-count
      </spu-up-count>
      <spu-down-count>
        spu-down-count
      </spu-down-count>
      <npc-up-count>
        npc-up-count
      </npc-up-count>
      <npc-down-count>
        npc-down-count
      </npc-down-count>
      <chinfo-blob-error-count>
        chinfo-blob-error-count
      </chinfo-blob-error-count>
    </spu-monitoring-statistics>
  </spu-monitoring-information>
</chassis-cluster-information>

```

Description Detailed statistics of SPU monitoring

<spu-monitoring-status>

Usage

```
<spu-monitoring-information>
  <spu-monitoring-status>
    <spu-monitoring-state>
      spu-monitoring-state
    </spu-monitoring-state>
    <spu-monitoring-weight>
      spu-monitoring-weight
    </spu-monitoring-weight>
    <spu-monitoring-spu-state>....</spu-monitoring-spu-state>
  </spu-monitoring-status>
</spu-monitoring-information>
```

Description SPU monitoring related status information

<spu-monitoring-status>

Usage

```
<chassis-cluster-information>
  <spu-monitoring-information>
    <spu-monitoring-status>
      <spu-monitoring-state>
        spu-monitoring-state
      </spu-monitoring-state>
      <spu-monitoring-weight>
        spu-monitoring-weight
      </spu-monitoring-weight>
      <spu-monitoring-spu-state>....</spu-monitoring-spu-state>
    </spu-monitoring-status>
  </spu-monitoring-information>
</chassis-cluster-information>
```

Description SPU monitoring related status information

<swfabric-information>

Usage

```
<chassis-cluster-ethernet-switching-interfaces>
  <swfabric-information>
    <swfab-child-interface-name>
      swfab-child-interface-name
    </swfab-child-interface-name>
    <swfab-child-interface-status>
      swfab-child-interface-status
    </swfab-child-interface-status>
  </swfabric-information>
</chassis-cluster-ethernet-switching-interfaces>
```

Description

Summary of DNS Proxy Response Response Tags

<dns-proxy>

Usage

```
<dns-proxy-information>
  <dns-proxy>
    <status>
      status
    </status>
    <queries-received>
      queries-received
    </queries-received>
    <responses-sent>
      responses-sent
    </responses-sent>
    <queries-forwarded>
      queries-forwarded
    </queries-forwarded>
    <negative-responses>
      negative-responses
    </negative-responses>
    <retries>
      retries
    </retries>
    <pending-requests>
      pending-requests
    </pending-requests>
    <server-failures>
      server-failures
    </server-failures>
    <cache-entries>
      cache-entries
    </cache-entries>
    <interfaces>....</interfaces>
  </dns-proxy>
</dns-proxy-information>
```

Description Information DNS proxy status and statistics

<dns-proxy-cache-entry>

Usage

```
<dns-proxy-cache-information>
  <dns-proxy-cache-entry>
    <hostname>
      hostname
    </hostname>
    <host-address>
      host-address
    </host-address>
    <ttd>
      ttd
    </ttd>
  </dns-proxy-cache-entry>
</dns-proxy-cache-information>
```

```
</ttl>
<entry-type>
  entry-type
</entry-type>
<class>
  class
</class>
</dns-proxy-cache-entry>
</dns-proxy-cache-information>
```

Description Information DNS proxy status and statistics

<dns-proxy-cache-information>

Usage

```
<dns-proxy-cache-information>
  <dns-proxy-cache-entry>....</dns-proxy-cache-entry>
</dns-proxy-cache-information>
```

Description Information about DNS proxy cache

<dns-proxy-information>

Usage

```
<dns-proxy-information>
  <dns-proxy>....</dns-proxy>
</dns-proxy-information>
```

Description Information about DNS proxy

<dynamic-dns-client>

Usage

```
<dynamic-dns-client-information>
  <dynamic-dns-client>
    <internal-hostname>
      internal-hostname
    </internal-hostname>
    <server>
      server
    </server>
    <last-response>
      last-response
    </last-response>
    <last-update-time>
      last-update-time
    </last-update-time>
    <interface>
      interface
    </interface>
    <user-name>
```

```
    user-name
  </user-name>
  <agent>
    agent
  </agent>
</dynamic-dns-client>
</dynamic-dns-client-information>
```

Description Information about a Dynamic DNS client status

<dynamic-dns-client-information>

Usage

```
<dynamic-dns-client-information>
  <dynamic-dns-client>....</dynamic-dns-client>
</dynamic-dns-client-information>
```

Description Information about one or more Dynamic DNS clients status

<interfaces>

Usage

```
<interfaces>
  <interface>
    interface
  </interface>
</interfaces>
```

Description Interfaces configured

<interfaces>

Usage

```
<dns-proxy-information>
  <dns-proxy>
    <interfaces>
      <interface>
        interface
      </interface>
    </interfaces>
  </dns-proxy>
</dns-proxy-information>
```

Description Interfaces configured

Summary of NAT Response Tags

<destination-address-range-entry>

Usage

```
<source-nat-rule-detail-information>
  <source-nat-rule-entry>
    <destination-address-range-entry>
      <rule-destination-address-low-range>
        rule-destination-address-low-range
      </rule-destination-address-low-range>
      <rule-destination-address-high-range>
        rule-destination-address-high-range
      </rule-destination-address-high-range>
    </destination-address-range-entry>
  </source-nat-rule-entry>
</source-nat-rule-detail-information>
```

Description The destination address range

<destination-nat-entry>

Usage

```
<destination-nat-summary-information>
  <destination-nat-entry>
    <destination-nat-pool-name>
      destination-nat-pool-name
    </destination-nat-pool-name>
    <destination-address-range>
      destination-address-range
    </destination-address-range>
    <destination-port-number>
      destination-port-number
    </destination-port-number>
  </destination-nat-entry>
</destination-nat-summary-information>
```

Description Information about a destination NAT entry

<destination-nat-pool-entry>

Usage

```
<destination-nat-pool-information>
  <destination-nat-pool-entry>
    <pool-name>
      pool-name
    </pool-name>
    <pool-id>
      pool-id
    </pool-id>
    <routing-instance-name>
      routing-instance-name
    </routing-instance-name>
  </destination-nat-pool-entry>
</destination-nat-pool-information>
```

```

</routing-instance-name>
<total-pool-address>
  total-pool-address
</total-pool-address>
<address-pool-hits>
  address-pool-hits
</address-pool-hits>
</destination-nat-pool-entry>
</destination-nat-pool-information>

```

Description Information on the destination-nat pool

<destination-nat-pool-information>

Usage

```

<destination-nat-pool-information>
<total-destination-nat-pool-number>....</total-destination-nat-pool-number>
<destination-nat-pool-entry>....</destination-nat-pool-entry>
<pool-address-range>....</pool-address-range>
</destination-nat-pool-information>

```

Description Show destination-nat address pool information

<destination-nat-rule-entry>

Usage

```

<destination-nat-rule-information>
<destination-nat-rule-entry>
  <rule-name>
    rule-name
  </rule-name>
  <rule-set-name>
    rule-set-name
  </rule-set-name>
  <rule-id>
    rule-id
  </rule-id>
  <rule-matching-position>
    rule-matching-position
  </rule-matching-position>
  <rule-from-context>
    rule-from-context
  </rule-from-context>
  <rule-from-context-name>
    rule-from-context-name
  </rule-from-context-name>
  <rule-source-address-range-entry>....</rule-source-address-range-entry>
  <rule-destination-address-low-range>
    rule-destination-address-low-range
  </rule-destination-address-low-range>
  <rule-destination-address-high-range>
    rule-destination-address-high-range
  </rule-destination-address-high-range>

```

```
<destination-port>
  destination-port
</destination-port>
<destination-nat-rule-action>
  destination-nat-rule-action
</destination-nat-rule-action>
<address-pool-hits>
  address-pool-hits
</address-pool-hits>
</destination-nat-rule-entry>
</destination-nat-rule-information>
```

Description Information on the destination-nat rule

<destination-nat-rule-information>

Usage

```
<destination-nat-rule-information>
  <total-destination-nat-rules>....</total-destination-nat-rules>
  <destination-nat-rule-entry>....</destination-nat-rule-entry>
</destination-nat-rule-information>
```

Description Show destination-nat rule information

<destination-nat-summary-information>

Usage

```
<destination-nat-summary-information>
  <destination-nat-entry>....</destination-nat-entry>
</destination-nat-summary-information>
```

Description Information about one or more destination NAT entries

<destination-port-entry>

Usage

```
<source-nat-rule-detail-information>
  <source-nat-rule-entry>
    <destination-port-entry>
      <rule-destination-port-low>
        rule-destination-port-low
      </rule-destination-port-low>
      <rule-destination-port-high>
        rule-destination-port-high
      </rule-destination-port-high>
    </destination-port-entry>
  </source-nat-rule-entry>
</source-nat-rule-detail-information>
```

Description The destination address range

<incoming-table-entry>

Usage

```
<incoming-table-information>
  <incoming-table-entry>
    <destination>
      destination
    </destination>
    <host>
      host
    </host>
    <references>
      references
    </references>
    <timeout>
      timeout
    </timeout>
    <source-pool>
      source-pool
    </source-pool>
  </incoming-table-entry>
</incoming-table-information>
```

Description

<incoming-table-information>

Usage

```
<incoming-table-information>
  <in-use>
    in-use
  </in-use>
  <maximum>
    maximum
  </maximum>
  <entry-allocation-failed>
    entry-allocation-failed
  </entry-allocation-failed>
  <incoming-table-entry>....</incoming-table-entry>
</incoming-table-information>
```

Description

<interface-nat-ports-entry>

Usage

```
<interface-nat-ports-information>
  <interface-nat-ports-entry>
    <pool-index>
      pool-index
    </pool-index>
    <total-ports>
      total-ports
    </total-ports>
```

```
<single-ports-allocated>
  single-ports-allocated
</single-ports-allocated>
<single-ports-available>
  single-ports-available
</single-ports-available>
<twin-ports-allocated>
  twin-ports-allocated
</twin-ports-allocated>
<twin-ports-available>
  twin-ports-available
</twin-ports-available>
</interface-nat-ports-entry>
</interface-nat-ports-information>
```

Description

<interface-nat-ports-information>

Usage

```
<interface-nat-ports-information>
  <interface-nat-ports-entry>....</interface-nat-ports-entry>
</interface-nat-ports-information>
```

Description

<persist-nat-external-node-entry>

Usage

```
<persist-nat-external-node-table>
  <persist-nat-external-node-entry>
    <persist-nat-enode-internal-ip>
      persist-nat-enode-internal-ip
    </persist-nat-enode-internal-ip>
    <persist-nat-enode-internal-port>
      persist-nat-enode-internal-port
    </persist-nat-enode-internal-port>
    <persist-nat-enode-external-ip>
      persist-nat-enode-external-ip
    </persist-nat-enode-external-ip>
    <persist-nat-enode-external-port>
      persist-nat-enode-external-port
    </persist-nat-enode-external-port>
    <persist-nat-zone-name>
      persist-nat-zone-name
    </persist-nat-zone-name>
  </persist-nat-external-node-entry>
</persist-nat-external-node-table>
```

Description Information about a Persistent NAT external node entry

<persist-nat-external-node-table>**Usage**

```
<persist-nat-external-node-table>
  <persist-nat-external-node-entry>....</persist-nat-external-node-entry>
</persist-nat-external-node-table>
```

Description Information of Persistent NAT external node table

<persist-nat-table>**Usage**

```
<persist-nat-table>
  <persist-nat-table-entry>....</persist-nat-table-entry>
</persist-nat-table>
```

Description Summary Information of Persistent NAT

<persist-nat-table-entry>**Usage**

```
<persist-nat-table>
  <persist-nat-table-entry>
    <persist-nat-internal-ip>
      persist-nat-internal-ip
    </persist-nat-internal-ip>
    <persist-nat-internal-port>
      persist-nat-internal-port
    </persist-nat-internal-port>
    <persist-nat-reflexive-ip>
      persist-nat-reflexive-ip
    </persist-nat-reflexive-ip>
    <persist-nat-reflexive-port>
      persist-nat-reflexive-port
    </persist-nat-reflexive-port>
    <persist-nat-pool-name>
      persist-nat-pool-name
    </persist-nat-pool-name>
    <persist-nat-type>
      persist-nat-type
    </persist-nat-type>
    <persist-nat-left-time>
      persist-nat-left-time
    </persist-nat-left-time>
    <persist-nat-config-time>
      persist-nat-config-time
    </persist-nat-config-time>
    <persist-nat-current-session-num>
      persist-nat-current-session-num
    </persist-nat-current-session-num>
    <persist-nat-max-session-num>
      persist-nat-max-session-num
```

```
</persist-nat-max-session-num>
<persist-nat-rule-name>
  persist-nat-rule-name
</persist-nat-rule-name>
</persist-nat-table-entry>
</persist-nat-table>
```

Description Information about a Persistent NAT entry

<persist-nat-table-statistic>

Usage

```
<persist-nat-table-statistic>
<persist-nat-binding-total>
  persist-nat-binding-total
</persist-nat-binding-total>
<persist-nat-binding-in-use>
  persist-nat-binding-in-use
</persist-nat-binding-in-use>
<persist-nat-enode-total>
  persist-nat-enode-total
</persist-nat-enode-total>
<persist-nat-enode-in-use>
  persist-nat-enode-in-use
</persist-nat-enode-in-use>
</persist-nat-table-statistic>
```

Description Persistent NAT statistic

<pool-address-range>

Usage

```
<destination-nat-pool-information>
<pool-address-range>
<address-range-low>
  address-range-low
</address-range-low>
<address-range-high>
  address-range-high
</address-range-high>
<address-port>
  address-port
</address-port>
</pool-address-range>
</destination-nat-pool-information>
```

Description Information on address range

<rule-source-address-range-entry>

Usage

```

<destination-nat-rule-information>
  <destination-nat-rule-entry>
    <rule-source-address-range-entry>
      <rule-source-address-low-range>
        rule-source-address-low-range
      </rule-source-address-low-range>
      <rule-source-address-high-range>
        rule-source-address-high-range
      </rule-source-address-high-range>
    </rule-source-address-range-entry>
  </destination-nat-rule-entry>
</destination-nat-rule-information>

```

Description The source address range

<source-address-range-entry>

Usage

```

<source-nat-rule-detail-information>
  <source-nat-rule-entry>
    <source-address-range-entry>
      <rule-source-address-low-range>
        rule-source-address-low-range
      </rule-source-address-low-range>
      <rule-source-address-high-range>
        rule-source-address-high-range
      </rule-source-address-high-range>
    </source-address-range-entry>
  </source-nat-rule-entry>
</source-nat-rule-detail-information>

```

Description The source address range

<source-nat-entry>

Usage

```

<source-nat-summary>
  <source-nat-entry>
    <pool-name>
      pool-name
    </pool-name>
    <address-low>
      address-low
    </address-low>
    <address-high>
      address-high
    </address-high>
    <interface>
      interface

```

```
</interface>
<port-address-translation>
  port-address-translation
</port-address-translation>
</source-nat-entry>
</source-nat-summary>
```

Description

<source-nat-pool-detail-information>

Usage

```
<source-nat-pool-detail-information>
  <total-source-nat-pools>....</total-source-nat-pools>
  <source-nat-pool-info-entry>....</source-nat-pool-info-entry>
</source-nat-pool-detail-information>
```

Description Show source NAT pool information

<source-nat-pool-entry>

Usage

```
<source-nat-pool-information>
  <source-nat-pool-entry>
    <pool-name>
      pool-name
    </pool-name>
    <address>
      address
    </address>
    <pool-status>
      pool-status
    </pool-status>
    <single-ports>
      single-ports
    </single-ports>
    <twin-ports>
      twin-ports
    </twin-ports>
    <host-address>
      host-address
    </host-address>
    <references>
      references
    </references>
    <port-address-translation>
      port-address-translation
    </port-address-translation>
  </source-nat-pool-entry>
</source-nat-pool-information>
```

Description

<source-nat-pool-info-entry>**Usage**

```

<source-nat-pool-detail-information>
  <source-nat-pool-info-entry>
    <pool-name>
      pool-name
    </pool-name>
    <pool-id>
      pool-id
    </pool-id>
    <routing-instance-name>
      routing-instance-name
    </routing-instance-name>
    <host-address-base>
      host-address-base
    </host-address-base>
    <source-pool-port-translation>
      source-pool-port-translation
    </source-pool-port-translation>
    <source-pool-overflow-pool>
      source-pool-overflow-pool
    </source-pool-overflow-pool>
    <total-pool-address>
      total-pool-address
    </total-pool-address>
    <address-available>
      address-available
    </address-available>
    <address-pool-hits>
      address-pool-hits
    </address-pool-hits>
    <source-pool-address-range>....</source-pool-address-range>
  </source-nat-pool-info-entry>
</source-nat-pool-detail-information>

```

Description Information on the source NAT pool

<source-nat-pool-information>**Usage**

```

<source-nat-pool-information>
  <source-nat-pool-entry>....</source-nat-pool-entry>
</source-nat-pool-information>

```

Description

<source-nat-rule-action-entry>**Usage**

```

<source-nat-rule-detail-information>
  <source-nat-rule-entry>
    <source-nat-rule-action-entry>

```

```
<source-nat-rule-action>
  source-nat-rule-action
</source-nat-rule-action>
<persistent-nat-type>
  persistent-nat-type
</persistent-nat-type>
<persistent-nat-mapping-type>
  persistent-nat-mapping-type
</persistent-nat-mapping-type>
<persistent-nat-timeout>
  persistent-nat-timeout
</persistent-nat-timeout>
<persistent-nat-max-session>
  persistent-nat-max-session
</persistent-nat-max-session>
</source-nat-rule-action-entry>
</source-nat-rule-entry>
</source-nat-rule-detail-information>
```

Description The action taken when the rule is matched

<source-nat-rule-detail-information>

Usage

```
<source-nat-rule-detail-information>
<total-source-nat-rules>.....</total-source-nat-rules>
<source-nat-rule-entry>.....</source-nat-rule-entry>
</source-nat-rule-detail-information>
```

Description Show source NAT rule information

<source-nat-rule-entry>

Usage

```
<source-nat-rule-detail-information>
<source-nat-rule-entry>
  <rule-name>
    rule-name
  </rule-name>
  <rule-set-name>
    rule-set-name
  </rule-set-name>
  <rule-id>
    rule-id
  </rule-id>
  <rule-matching-position>
    rule-matching-position
  </rule-matching-position>
  <rule-from-context>
    rule-from-context
  </rule-from-context>
  <rule-from-context-name>
    rule-from-context-name
```



```

</rule-from-context-name>
<rule-to-context>
  rule-to-context
</rule-to-context>
<rule-to-context-name>
  rule-to-context-name
</rule-to-context-name>
<source-address-range-entry>....</source-address-range-entry>
<destination-address-range-entry>....</destination-address-range-entry>
<destination-port-entry>....</destination-port-entry>
<source-nat-rule-action-entry>....</source-nat-rule-action-entry>
<source-nat-rule-hits-entry>....</source-nat-rule-hits-entry>
</source-nat-rule-entry>
</source-nat-rule-detail-information>

```

Description Information on the source NAT rule

<source-nat-rule-hits-entry>

Usage

```

<source-nat-rule-detail-information>
<source-nat-rule-entry>
  <source-nat-rule-hits-entry>
    <number_of_hits>
      number_of_hits
    </number_of_hits>
  </source-nat-rule-hits-entry>
</source-nat-rule-entry>
</source-nat-rule-detail-information>

```

Description Number of translation hits

<source-nat-summary>

Usage

```

<source-nat-summary>
<source-nat-entry>....</source-nat-entry>
</source-nat-summary>

```

Description

<source-pool-address-range>

Usage

```

<source-nat-pool-detail-information>
<source-nat-pool-info-entry>
  <source-pool-address-range>
    <address-range-low>
      address-range-low
    </address-range-low>
    <address-range-high>
      address-range-high

```

```
</address-range-high>
<single-port>
  single-port
</single-port>
<twin-port>
  twin-port
</twin-port>
</source-pool-address-range>
</source-nat-pool-info-entry>
</source-nat-pool-detail-information>
```

Description Information on address range

<ssg-destination-nat-rule-entry>

Usage

```
<ssg-destination-nat-summary-information>
<ssg-destination-nat-rule-entry>
  <rule-name>
    rule-name
  </rule-name>
  <rule-set-name>
    rule-set-name
  </rule-set-name>
  <rule-from-context>
    rule-from-context
  </rule-from-context>
  <ssg-destination-rule-action>
    ssg-destination-rule-action
  </ssg-destination-rule-action>
</ssg-destination-nat-rule-entry>
</ssg-destination-nat-summary-information>
```

Description Information about a destination NAT rule entry

<ssg-destination-nat-summary-information>

Usage

```
<ssg-destination-nat-summary-information>
  <ssg-total-destination-pool-num>....</ssg-total-destination-pool-num>
  <ssg-destination-pool-entry>....</ssg-destination-pool-entry>
  <ssg-total-destination-rule-num>....</ssg-total-destination-rule-num>
  <ssg-destination-nat-rule-entry>....</ssg-destination-nat-rule-entry>
</ssg-destination-nat-summary-information>
```

Description Summay Information of destination NAT

<ssg-destination-pool-entry>

Usage

```
<ssg-destination-nat-summary-information>
```

```

<ssg-destination-pool-entry>
  <pool-name>
    pool-name
  </pool-name>
  <address-range-low>
    address-range-low
  </address-range-low>
  <address-range-high>
    address-range-high
  </address-range-high>
  <routing-instance-name>
    routing-instance-name
  </routing-instance-name>
  <ssg-destination-pool-port-info>
    ssg-destination-pool-port-info
  </ssg-destination-pool-port-info>
  <ssg-destination-pool-total-address>
    ssg-destination-pool-total-address
  </ssg-destination-pool-total-address>
</ssg-destination-pool-entry>
</ssg-destination-nat-summary-information>

```

Description Information about a destination NAT entry

<ssg-source-nat-summary-information>

Usage

```

<ssg-source-nat-summary-information>
  <ssg-total-source-pool-num>....</ssg-total-source-pool-num>
  <ssg-source-pool-entry>....</ssg-source-pool-entry>
  <ssg-total-source-rule-num>....</ssg-total-source-rule-num>
  <ssg-source-rule-entry>....</ssg-source-rule-entry>
</ssg-source-nat-summary-information>

```

Description Summay Information of source NAT

<ssg-source-pool-entry>

Usage

```

<ssg-source-nat-summary-information>
  <ssg-source-pool-entry>
    <ssg-source-pool-name>
      ssg-source-pool-name
    </ssg-source-pool-name>
    <ssg-source-pool-address-range>
      ssg-source-pool-address-range
    </ssg-source-pool-address-range>
    <ssg-source-pool-routing-instance>
      ssg-source-pool-routing-instance
    </ssg-source-pool-routing-instance>
    <ssg-source-pool-pat>
      ssg-source-pool-pat
    </ssg-source-pool-pat>
  </ssg-source-pool-entry>
</ssg-source-nat-summary-information>

```

```
<ssg-source-pool-total-address>
  ssg-source-pool-total-address
</ssg-source-pool-total-address>
</ssg-source-pool-entry>
</ssg-source-nat-summary-information>
```

Description Information about a source NAT entry

<ssg-source-rule-entry>

Usage

```
<ssg-source-nat-summary-information>
  <ssg-source-rule-entry>
    <ssg-source-rule-name>
      ssg-source-rule-name
    </ssg-source-rule-name>
    <ssg-source-rule-set-name>
      ssg-source-rule-set-name
    </ssg-source-rule-set-name>
    <ssg-source-rule-context-from>
      ssg-source-rule-context-from
    </ssg-source-rule-context-from>
    <ssg-source-rule-context-to>
      ssg-source-rule-context-to
    </ssg-source-rule-context-to>
    <ssg-source-rule-action>
      ssg-source-rule-action
    </ssg-source-rule-action>
  </ssg-source-rule-entry>
</ssg-source-nat-summary-information>
```

Description Information about a source NAT rule entry

<ssg-total-destination-pool-num>

Usage

```
<ssg-destination-nat-summary-information>
  <ssg-total-destination-pool-num>
    <summary-total-destination-pool>
      summary-total-destination-pool
    </summary-total-destination-pool>
  </ssg-total-destination-pool-num>
</ssg-destination-nat-summary-information>
```

Description Total Destination NAT pool number

<ssg-total-destination-rule-num>

Usage

```
<ssg-destination-nat-summary-information>
  <ssg-total-destination-rule-num>
```

```
<summary-total-destination-rule>
  summary-total-destination-rule
</summary-total-destination-rule>
</ssg-total-destination-rule-num>
</ssg-destination-nat-summary-information>
```

Description Total Destination NAT rule number

<ssg-total-source-pool-num>

Usage

```
<ssg-source-nat-summary-information>
  <ssg-total-source-pool-num>
  total-source-summary-pools
  total-source-summary-pools
</total-source-summary-pools>
</ssg-total-source-pool-num>
</ssg-source-nat-summary-information>
```

Description Total source NAT pool number

<ssg-total-source-rule-num>

Usage

```
<ssg-source-nat-summary-information>
  <ssg-total-source-rule-num>
  summary-total-source-rules
  summary-total-source-rules
</summary-total-source-rules>
</ssg-total-source-rule-num>
</ssg-source-nat-summary-information>
```

Description Total source NAT rule number

<static-nat-entry>

Usage

```
<static-nat-summary>
  <static-nat-entry>
  ingress-interface
  ingress-interface
</ingress-interface>
  destination-prefix
  destination-prefix
</destination-prefix>
  host-prefix
  host-prefix
</host-prefix>
  virtual-router
  virtual-router
</virtual-router>
```

```
</static-nat-entry>
</static-nat-summary>
```

Description

<static-nat-rule-entry>

Usage

```
<static-nat-rule-information>
  <static-nat-rule-entry>
    <rule-name>
      rule-name
    </rule-name>
    <rule-set-name>
      rule-set-name
    </rule-set-name>
    <rule-id>
      rule-id
    </rule-id>
    <rule-matching-position>
      rule-matching-position
    </rule-matching-position>
    <rule-from-context>
      rule-from-context
    </rule-from-context>
    <rule-from-context-name>
      rule-from-context-name
    </rule-from-context-name>
    <rule-destination-address-prefix>
      rule-destination-address-prefix
    </rule-destination-address-prefix>
    <rule-host-address-prefix>
      rule-host-address-prefix
    </rule-host-address-prefix>
    <rule-address-netmask>
      rule-address-netmask
    </rule-address-netmask>
    <rule-host-routing-instance>
      rule-host-routing-instance
    </rule-host-routing-instance>
    <rule-hits>
      rule-hits
    </rule-hits>
  </static-nat-rule-entry>
</static-nat-rule-information>
```

Description Information on the static-nat rule

<static-nat-rule-information>

Usage

```
<static-nat-rule-information>
  <total-static-nat-rules>....</total-static-nat-rules>
  <static-nat-rule-entry>....</static-nat-rule-entry>
```

</static-nat-rule-information>

Description Show static-nat rule information

<static-nat-summary>

Usage

```
<static-nat-summary>
  <static-nat-total>
    static-nat-total
  </static-nat-total>
  <static-nat-maximum>
    static-nat-maximum
  </static-nat-maximum>
  <static-nat-entry>....</static-nat-entry>
</static-nat-summary>
```

Description

<total-destination-nat-pool-number>

Usage

```
<destination-nat-pool-information>
  <total-destination-nat-pool-number>
    <total-pools>
      total-pools
    </total-pools>
  </total-destination-nat-pool-number>
</destination-nat-pool-information>
```

Description Total number of destination-nat pools

<total-destination-nat-rules>

Usage

```
<destination-nat-rule-information>
  <total-destination-nat-rules>
    <total-rules>
      total-rules
    </total-rules>
  </total-destination-nat-rules>
</destination-nat-rule-information>
```

Description Total number of destination-nat rules

<total-source-nat-pools>

Usage

```
<source-nat-pool-detail-information>
  <total-source-nat-pools>
    <total-source-pools>
```

```
total-source-pools
</total-source-pools>
</total-source-nat-pools>
</source-nat-pool-detail-information>
```

Description Information of source NAT pools

<total-source-nat-rules>

Usage

```
<source-nat-rule-detail-information>
<total-source-nat-rules>
<total-src-rules>
total-src-rules
</total-src-rules>
</total-source-nat-rules>
</source-nat-rule-detail-information>
```

Description Total number of source NAT rules

<total-static-nat-rules>

Usage

```
<static-nat-rule-information>
<total-static-nat-rules>
<total-rules>
total-rules
</total-rules>
</total-static-nat-rules>
</static-nat-rule-information>
```

Description Total number of static-nat rules

<translation-context-entry>

Usage

```
<translation-context-information>
<translation-context-entry>
<host>
host
</host>
<translated>
translated
</translated>
<port-count>
port-count
</port-count>
<references>
references
</references>
<source-pool>
```



```

        source-pool
      </source-pool>
    </translation-context-entry>
  </translation-context-information>

```

Description

<translation-context-information>

Usage

```

<translation-context-information>
  <in-use>
    in-use
  </in-use>
  <maximum>
    maximum
  </maximum>
  <entry-allocation-failed>
    entry-allocation-failed
  </entry-allocation-failed>
  <translation-context-entry>....</translation-context-entry>
</translation-context-information>

```

Description

Summary of Reports Response Tags

<recent-blocked-url-activity>

Usage

```

<reports-recent-activities>
  <recent-blocked-url-activity>
    <blocked-url-name>
      blocked-url-name
    </blocked-url-name>
    <report-source-ipaddress>
      report-source-ipaddress
    </report-source-ipaddress>
    <report-source-port>
      report-source-port
    </report-source-port>
    <report-destination-ipaddress>
      report-destination-ipaddress
    </report-destination-ipaddress>
    <report-destination-port>
      report-destination-port
    </report-destination-port>
    <report-protocol>
      report-protocol
    </report-protocol>
    <report-action>
      report-action
    </report-action>
    <report-timestamps>

```

```
    report-timestamps
  </report-timestamps>
</recent-blocked-url-activity>
</reports-recent-activities>
```

Description

<recent-idp-attack-activity>

Usage

```
<reports-recent-activities>
  <recent-idp-attack-activity>
    <idp-attack-name>
      idp-attack-name
    </idp-attack-name>
    <idp-attack-severity>
      idp-attack-severity
    </idp-attack-severity>
    <report-source-ipaddress>
      report-source-ipaddress
    </report-source-ipaddress>
    <report-source-port>
      report-source-port
    </report-source-port>
    <report-destination-ipaddress>
      report-destination-ipaddress
    </report-destination-ipaddress>
    <report-destination-port>
      report-destination-port
    </report-destination-port>
    <report-protocol>
      report-protocol
    </report-protocol>
    <report-action>
      report-action
    </report-action>
    <report-timestamps>
      report-timestamps
    </report-timestamps>
  </recent-idp-attack-activity>
</reports-recent-activities>
```

Description

<recent-spam-activity>

Usage

```
<reports-recent-activities>
  <recent-spam-activity>
    <spam-email-blocked>
      spam-email-blocked
    </spam-email-blocked>
    <spam-threat-severity>
      spam-threat-severity
    </spam-threat-severity>
  </recent-spam-activity>
</reports-recent-activities>
```

```

</spam-threat-severity>
<report-source-ipaddress>
  report-source-ipaddress
</report-source-ipaddress>
<report-action>
  report-action
</report-action>
<report-timestamps>
  report-timestamps
</report-timestamps>
</recent-spam-activity>
</reports-recent-activities>

```

Description

<recent-virus-hit-activity>

Usage

```

<reports-recent-activities>
  <recent-virus-hit-activity>
    <virus-threat-name>
      virus-threat-name
    </virus-threat-name>
    <virus-threat-severity>
      virus-threat-severity
    </virus-threat-severity>
    <report-source-ipaddress>
      report-source-ipaddress
    </report-source-ipaddress>
    <report-source-port>
      report-source-port
    </report-source-port>
    <report-destination-ipaddress>
      report-destination-ipaddress
    </report-destination-ipaddress>
    <report-destination-port>
      report-destination-port
    </report-destination-port>
    <report-protocol>
      report-protocol
    </report-protocol>
    <virus-threat-description>
      virus-threat-description
    </virus-threat-description>
    <report-threat-hyperlink>
      report-threat-hyperlink
    </report-threat-hyperlink>
    <report-action>
      report-action
    </report-action>
    <report-timestamps>
      report-timestamps
    </report-timestamps>
  </recent-virus-hit-activity>

```

</reports-recent-activities>

Description

<report-traffic-most-recent-session>

Usage

```
<reports-traffic-statistics>
  <report-traffic-most-recent-session>
    <report-source-ipaddress>
      report-source-ipaddress
    </report-source-ipaddress>
    <report-source-port>
      report-source-port
    </report-source-port>
    <report-destination-ipaddress>
      report-destination-ipaddress
    </report-destination-ipaddress>
    <report-destination-port>
      report-destination-port
    </report-destination-port>
    <report-protocol>
      report-protocol
    </report-protocol>
    <report-session-bytes-in>
      report-session-bytes-in
    </report-session-bytes-in>
    <report-session-bytes-out>
      report-session-bytes-out
    </report-session-bytes-out>
    <report-session-packets-in>
      report-session-packets-in
    </report-session-packets-in>
    <report-session-packets-out>
      report-session-packets-out
    </report-session-packets-out>
    <report-timestamps>
      report-timestamps
    </report-timestamps>
  </report-traffic-most-recent-session>
</reports-traffic-statistics>
```

Description

<report-traffic-session-summary>

Usage

```
<reports-traffic-statistics>
  <report-traffic-session-summary>
    <report-session-protocol-name>
      report-session-protocol-name
    </report-session-protocol-name>
    <total-number-of-sessions>
      total-number-of-sessions
    </total-number-of-sessions>
  </report-traffic-session-summary>
</reports-traffic-statistics>
```

```

</total-number-of-sessions>
<total-session-bytes-in>
  total-session-bytes-in
</total-session-bytes-in>
<total-session-bytes-out>
  total-session-bytes-out
</total-session-bytes-out>
<total-session-packets-in>
  total-session-packets-in
</total-session-packets-in>
<total-session-packets-out>
  total-session-packets-out
</total-session-packets-out>
</report-traffic-session-summary>
</reports-traffic-statistics>

```

Description

<report-traffic-sessions-per-protocol>

Usage

```

<reports-traffic-statistics>
  <report-traffic-sessions-per-protocol>
    <session-data-per-protocol>....</session-data-per-protocol>
  </report-traffic-sessions-per-protocol>
</reports-traffic-statistics>

```

Description

<reports-recent-activities>

Usage

```

<reports-recent-activities>
  <recent-virus-hit-activity>....</recent-virus-hit-activity>
  <recent-spam-activity>....</recent-spam-activity>
  <recent-blocked-url-activity>....</recent-blocked-url-activity>
  <recent-idp-attack-activity>....</recent-idp-attack-activity>
</reports-recent-activities>

```

Description Show security most-recent threat activity information

<reports-threat-statistics>

Usage

```

<reports-threat-statistics>
  <threat-past-24hr-hit-count>
    threat-past-24hr-hit-count
  </threat-past-24hr-hit-count>
  <threat-past-1hr-hit-count>
    threat-past-1hr-hit-count
  </threat-past-1hr-hit-count>
  <threat-report-general-statistics>....</threat-report-general-statistics>
  <web-filtering-statistics>....</web-filtering-statistics>

```

```
<threat-24hr-history-by-severity>....</threat-24hr-history-by-severity>
<threat-24hr-history-by-category>....</threat-24hr-history-by-category>
<threat-report-most-recent-statistic>....</threat-report-most-recent-statistic>
</reports-threat-statistics>
```

Description Show security report threat information

<reports-threat-summary>

Usage

```
<reports-threat-summary>
<threat-report-activity-counts>....</threat-report-activity-counts>
</reports-threat-summary>
```

Description Show report threat information

<reports-traffic-statistics>

Usage

```
<reports-traffic-statistics>
<report-traffic-most-recent-session>....</report-traffic-most-recent-session>
<report-traffic-session-summary>....</report-traffic-session-summary>
<report-traffic-sessions-per-protocol>....</report-traffic-sessions-per-protocol>
</reports-traffic-statistics>
```

Description

<session-data-per-protocol>

Usage

```
<reports-traffic-statistics>
<report-traffic-sessions-per-protocol>
  <session-data-per-protocol>
    <report-interval-count>
      report-interval-count
    </report-interval-count>
    <report-session-protocol-name>
      report-session-protocol-name
    </report-session-protocol-name>
    <number-of-sessions-this-interval>
      number-of-sessions-this-interval
    </number-of-sessions-this-interval>
    <report-session-bytes-in>
      report-session-bytes-in
    </report-session-bytes-in>
    <report-session-bytes-out>
      report-session-bytes-out
    </report-session-bytes-out>
    <report-session-packets-in>
      report-session-packets-in
    </report-session-packets-in>
    <report-session-packets-out>
```

```

        report-session-packets-out
      </report-session-packets-out>
    </session-data-per-protocol>
  </report-traffic-sessions-per-protocol>
</reports-traffic-statistics>

```

Description Session related statistic for a specific protocol

<threat-24hr-history-by-category>

Usage

```

<reports-threat-statistics>
  <threat-24hr-history-by-category>
    <report-interval-count>
      report-interval-count
    </report-interval-count>
    <threat-history-antivirus-count>
      threat-history-antivirus-count
    </threat-history-antivirus-count>
    <threat-history-antispam-count>
      threat-history-antispam-count
    </threat-history-antispam-count>
    <threat-history-webfilter-count>
      threat-history-webfilter-count
    </threat-history-webfilter-count>
    <threat-history-contentfilter-count>
      threat-history-contentfilter-count
    </threat-history-contentfilter-count>
    <threat-history-idp-count>
      threat-history-idp-count
    </threat-history-idp-count>
  </threat-24hr-history-by-category>
</reports-threat-statistics>

```

Description

<threat-24hr-history-by-severity>

Usage

```

<reports-threat-statistics>
  <threat-24hr-history-by-severity>
    <report-interval-count>
      report-interval-count
    </report-interval-count>
    <threat-history-critical-threats>
      threat-history-critical-threats
    </threat-history-critical-threats>
    <threat-history-major-threats>
      threat-history-major-threats
    </threat-history-major-threats>
    <threat-history-minor-threats>
      threat-history-minor-threats
    </threat-history-minor-threats>
  </threat-24hr-history-by-severity>

```

```
</reports-threat-statistics>
```

Description

<threat-report-activity-counts>

Usage

```
<reports-threat-summary>
  <threat-report-activity-counts>
    <cumulative-av-counts>
      cumulative-av-counts
    </cumulative-av-counts>
    <cumulative-spam-counts>
      cumulative-spam-counts
    </cumulative-spam-counts>
    <cumulative-webfilter-content-counts>
      cumulative-webfilter-content-counts
    </cumulative-webfilter-content-counts>
    <cumulative-contentfiltering-counts>
      cumulative-contentfiltering-counts
    </cumulative-contentfiltering-counts>
    <cumulative-idp-attack-counts>
      cumulative-idp-attack-counts
    </cumulative-idp-attack-counts>
  </threat-report-activity-counts>
</reports-threat-summary>
```

Description

<threat-report-general-statistics>

Usage

```
<reports-threat-statistics>
  <threat-report-general-statistics>
    <threat-category-name>
      threat-category-name
    </threat-category-name>
    <threat-severity>
      threat-severity
    </threat-severity>
    <threat-past-24hr-hit-count>
      threat-past-24hr-hit-count
    </threat-past-24hr-hit-count>
    <threat-past-1hr-hit-count>
      threat-past-1hr-hit-count
    </threat-past-1hr-hit-count>
  </threat-report-general-statistics>
</reports-threat-statistics>
```

Description

<threat-report-most-recent-statistic>**Usage**

```

<reports-threat-statistics>
  <threat-report-most-recent-statistic>
    <recent-threat-object-name>
      recent-threat-object-name
    </recent-threat-object-name>
    <recent-threat-category>
      recent-threat-category
    </recent-threat-category>
    <report-source-ipaddress>
      report-source-ipaddress
    </report-source-ipaddress>
    <report-source-port>
      report-source-port
    </report-source-port>
    <report-destination-ipaddress>
      report-destination-ipaddress
    </report-destination-ipaddress>
    <report-destination-port>
      report-destination-port
    </report-destination-port>
    <report-protocol>
      report-protocol
    </report-protocol>
    <recent-threat-description>
      recent-threat-description
    </recent-threat-description>
    <report-action>
      report-action
    </report-action>
    <report-timestamps>
      report-timestamps
    </report-timestamps>
  </threat-report-most-recent-statistic>
</reports-threat-statistics>

```

Description**<web-filtering-statistics>****Usage**

```

<reports-threat-statistics>
  <web-filtering-statistics>
    <web-filtering-category>
      web-filtering-category
    </web-filtering-category>
    <threat-past-24hr-hit-count>
      threat-past-24hr-hit-count
    </threat-past-24hr-hit-count>
    <threat-past-1hr-hit-count>
      threat-past-1hr-hit-count
    </threat-past-1hr-hit-count>
  </web-filtering-statistics>

```

</reports-threat-statistics>

Description

Summary of Resource Manager Response Tags

<resmgr-group-active>

Usage

```
<resmgr-group-active>
  <resmgr-group-active-total>
    resmgr-group-active-total
  </resmgr-group-active-total>
  <resmgr-group-active-count>
    resmgr-group-active-count
  </resmgr-group-active-count>
  <resmgr-group-active-data>....</resmgr-group-active-data>
</resmgr-group-active>
```

Description

<resmgr-group-active-data>

Usage

```
<resmgr-group-active>
  <resmgr-group-active-data>
    <resmgr-group-active-data-grp-id>
      resmgr-group-active-data-grp-id
    </resmgr-group-active-data-grp-id>
    <resmgr-group-active-data-client>
      resmgr-group-active-data-client
    </resmgr-group-active-data-client>
  </resmgr-group-active-data>
</resmgr-group-active>
```

Description

<resmgr-group-active-number>

Usage

```
<resmgr-group-active-number>
  <resmgr-group-active-number-id>
    resmgr-group-active-number-id
  </resmgr-group-active-number-id>
  <resmgr-group-active-number-state>
    resmgr-group-active-number-state
  </resmgr-group-active-number-state>
  <resmgr-group-active-number-client>
    resmgr-group-active-number-client
  </resmgr-group-active-number-client>
  <resmgr-group-active-number-timeout>
    resmgr-group-active-number-timeout
  </resmgr-group-active-number-timeout>
```

```

    <resmgr-group-active-number-num-res>
      resmgr-group-active-number-num-res
    </resmgr-group-active-number-num-res>

    <resmgr-group-active-number-resource>....</resmgr-group-active-number-resource>

  </resmgr-group-active-number>

```

Description

<resmgr-group-active-number-resource>

Usage

```

<resmgr-group-active-number>
  <resmgr-group-active-number-resource>
    <resmgr-group-active-number-resource-id>
      resmgr-group-active-number-resource-id
    </resmgr-group-active-number-resource-id>
  </resmgr-group-active-number-resource>
</resmgr-group-active-number>

```

Description

<resmgr-resource-active>

Usage

```

<resmgr-resource-active>
  <resmgr-resource-active-total>
    resmgr-resource-active-total
  </resmgr-resource-active-total>
  <resmgr-resource-active-count>
    resmgr-resource-active-count
  </resmgr-resource-active-count>
  <resmgr-resource-active-data>....</resmgr-resource-active-data>
</resmgr-resource-active>

```

Description

<resmgr-resource-active-data>

Usage

```

<resmgr-resource-active>
  <resmgr-resource-active-data>
    <resmgr-resource-active-data-res-id>
      resmgr-resource-active-data-res-id
    </resmgr-resource-active-data-res-id>
    <resmgr-resource-active-data-grp-id>
      resmgr-resource-active-data-grp-id
    </resmgr-resource-active-data-grp-id>
    <resmgr-resource-active-data-client>
      resmgr-resource-active-data-client
    </resmgr-resource-active-data-client>
  </resmgr-resource-active-data>

```

</resmgr-resource-active>

Description

<resmgr-resource-active-number>

Usage

```
<resmgr-resource-active-number>
  <resmgr-resource-active-number-id>
    resmgr-resource-active-number-id
  </resmgr-resource-active-number-id>
  <resmgr-resource-active-number-state>
    resmgr-resource-active-number-state
  </resmgr-resource-active-number-state>
  <resmgr-resource-active-number-client>
    resmgr-resource-active-number-client
  </resmgr-resource-active-number-client>
  <resmgr-resource-active-number-parent>
    resmgr-resource-active-number-parent
  </resmgr-resource-active-number-parent>
  <resmgr-resource-active-number-policy>
    resmgr-resource-active-number-policy
  </resmgr-resource-active-number-policy>
  <resmgr-resource-active-number-zone-from>
    resmgr-resource-active-number-zone-from
  </resmgr-resource-active-number-zone-from>
  <resmgr-resource-active-number-zone-to>
    resmgr-resource-active-number-zone-to
  </resmgr-resource-active-number-zone-to>
  <resmgr-resource-active-number-timeout>
    resmgr-resource-active-number-timeout
  </resmgr-resource-active-number-timeout>
  <resmgr-resource-active-number-num-sessions>
    resmgr-resource-active-number-num-sessions
  </resmgr-resource-active-number-num-sessions>

  <resmgr-resource-active-number-session>....</resmgr-resource-active-number-session>

  <resmgr-resource-active-number-num-holes>
    resmgr-resource-active-number-num-holes
  </resmgr-resource-active-number-num-holes>
  <resmgr-resource-active-number-hole>....</resmgr-resource-active-number-hole>

</resmgr-resource-active-number>
```

Description

<resmgr-resource-active-number-hole>

Usage

```
<resmgr-resource-active-number>
  <resmgr-resource-active-number-hole>
    <resmgr-resource-active-number-hole-id>
      resmgr-resource-active-number-hole-id
```

```

</resmgr-resource-active-number-hole-id>
<resmgr-resource-active-number-hole-src-ip0>
  resmgr-resource-active-number-hole-src-ip0
</resmgr-resource-active-number-hole-src-ip0>
<resmgr-resource-active-number-hole-src-ip1>
  resmgr-resource-active-number-hole-src-ip1
</resmgr-resource-active-number-hole-src-ip1>
<resmgr-resource-active-number-hole-dst-ip0>
  resmgr-resource-active-number-hole-dst-ip0
</resmgr-resource-active-number-hole-dst-ip0>
<resmgr-resource-active-number-hole-dst-ip1>
  resmgr-resource-active-number-hole-dst-ip1
</resmgr-resource-active-number-hole-dst-ip1>
<resmgr-resource-active-number-hole-src-port0>
  resmgr-resource-active-number-hole-src-port0
</resmgr-resource-active-number-hole-src-port0>
<resmgr-resource-active-number-hole-src-port1>
  resmgr-resource-active-number-hole-src-port1
</resmgr-resource-active-number-hole-src-port1>
<resmgr-resource-active-number-hole-dst-port0>
  resmgr-resource-active-number-hole-dst-port0
</resmgr-resource-active-number-hole-dst-port0>
<resmgr-resource-active-number-hole-dst-port1>
  resmgr-resource-active-number-hole-dst-port1
</resmgr-resource-active-number-hole-dst-port1>
<resource-hole-translated-source-ip>
  resource-hole-translated-source-ip
</resource-hole-translated-source-ip>
<resource-hole-translated-source-port>
  resource-hole-translated-source-port
</resource-hole-translated-source-port>
<resource-hole-translated-destination-ip>
  resource-hole-translated-destination-ip
</resource-hole-translated-destination-ip>
<resource-hole-translated-destination-port>
  resource-hole-translated-destination-port
</resource-hole-translated-destination-port>
<resmgr-resource-active-number-hole-proto>
  resmgr-resource-active-number-hole-proto
</resmgr-resource-active-number-hole-proto>
<resmgr-resource-active-number-hole-refcnt>
  resmgr-resource-active-number-hole-refcnt
</resmgr-resource-active-number-hole-refcnt>
</resmgr-resource-active-number-hole>
</resmgr-resource-active-number>

```

Description

<resmgr-resource-active-number-session>

Usage

```

<resmgr-resource-active-number>
  <resmgr-resource-active-number-session>
    <resmgr-resource-active-number-session-id>
      resmgr-resource-active-number-session-id

```

```
</resmgr-resource-active-number-session-id>
</resmgr-resource-active-number-session>
</resmgr-resource-active-number>
```

Description

<resmgr-settings>

Usage

```
<resmgr-settings>
  <resmgr-settings-timeout>
    resmgr-settings-timeout
  </resmgr-settings-timeout>
  <resmgr-settings-count>
    resmgr-settings-count
  </resmgr-settings-count>
  <resmgr-settings-pinhole-age>
    resmgr-settings-pinhole-age
  </resmgr-settings-pinhole-age>
</resmgr-settings>
```

Description

<resource-manager-summary-information>

Usage

```
<resource-manager-summary-information>
  <active-client-count>
    active-client-count
  </active-client-count>
  <active-group-count>
    active-group-count
  </active-group-count>
  <active-resource-count>
    active-resource-count
  </active-resource-count>
  <active-session-count>
    active-session-count
  </active-session-count>
</resource-manager-summary-information>
```

Description

Summary of VLAN Retag Response Tags

<clear-vlan-retag-statistics-information>

Usage

```
<clear-vlan-retag-statistics-information>
  <clear-vlan-retag-statistics-status>....</clear-vlan-retag-statistics-status>
</clear-vlan-retag-statistics-information>
```

Description**<clear-vlan-retag-statistics-status>****Usage**

```
<clear-vlan-retag-statistics-information>
  <clear-vlan-retag-statistics-status>
    <vlan-retag-clear-status>
      vlan-retag-clear-status
    </vlan-retag-clear-status>
  </clear-vlan-retag-statistics-status>
</clear-vlan-retag-statistics-information>
```

Description**<show-retag-statistics-information>****Usage**

```
<show-retag-statistics-information>
  <vlan-retag-entry>....</vlan-retag-entry>
</show-retag-statistics-information>
```

Description**<vlan-retag-entry>****Usage**

```
<show-retag-statistics-information>
  <vlan-retag-entry>
    <retag-interface-index>
      retag-interface-index
    </retag-interface-index>
    <retag-from-vlan>
      retag-from-vlan
    </retag-from-vlan>
    <retag-to-vlan>
      retag-to-vlan
    </retag-to-vlan>
    <retag-statistics-ingress>
      retag-statistics-ingress
    </retag-statistics-ingress>
    <retag-statistics-egress>
      retag-statistics-egress
    </retag-statistics-egress>
  </vlan-retag-entry>
</show-retag-statistics-information>
```

Description Information About Vlan Rewrite Statistics

Summary of Real Time Media Convergence Response Tags

<cli-response>

Usage

```
<media-gateway>
  <cli-response>
    <message>
      message
    </message>
  </cli-response>
</media-gateway>
```

Description Cli response

<media-gateway>

Usage

```
<media-gateway>
  <cli-request>
    cli-request
  </cli-request>
  <cli-response>....</cli-response>
</media-gateway>
```

Description Media gateway information

<sessions>

Usage

```
<survivable-call-service>
  <sessions>
    <address>
      address
    </address>
    <port>
      port
    </port>
    <transport>
      transport
    </transport>
    <state>
      state
    </state>
    <duration>
      duration
    </duration>
    <timer>
      timer
    </timer>
  </sessions>
```



```
</survivable-call-service>
```

Description Survivable call service sessions

<statistics>

Usage

```
<survivable-call-service>
  <statistics>
    <name>
      name
    </name>
    <last-down-time>
      last-down-time
    </last-down-time>
    <total-down-time>
      total-down-time
    </total-down-time>
    <total-down-count>
      total-down-count
    </total-down-count>
    <minimum-response-time>
      minimum-response-time
    </minimum-response-time>
    <maximum-response-time>
      maximum-response-time
    </maximum-response-time>
    <average-response-time>
      average-response-time
    </average-response-time>
  </statistics>
</survivable-call-service>
```

Description Survivable call service statistics

<status>

Usage

```
<survivable-call-service>
  <status>
    <name>
      name
    </name>
    <address>
      address
    </address>
    <port>
      port
    </port>
    <transport>
      transport
    </transport>
    <state>
```

```
    state
  </state>
  <mode>
    mode
  </mode>
</status>
</survivable-call-service>
```

Description Survivable call service status

<survivable-call-service>

Usage

```
<survivable-call-service>
<status>....</status>
<statistics>....</statistics>
<sessions>....</sessions>
</survivable-call-service>
```

Description Survivable call service information

Summary of Scheduler Response Tags

<scheduler>

Usage

```
<schedulers>
  <scheduler>
    <scheduler-name>
      scheduler-name
    </scheduler-name>
    <scheduler-state>
      scheduler-state
    </scheduler-state>
    <scheduler-next-activation-date-time>
      scheduler-next-activation-date-time
    </scheduler-next-activation-date-time>
    <scheduler-next-deactivation-date-time>
      scheduler-next-deactivation-date-time
    </scheduler-next-deactivation-date-time>
  </scheduler>
</schedulers>
```

Description Information about a scheduler

<schedulers>

Usage

```
<schedulers>
  <scheduler>....</scheduler>
```

</schedulers>

Description Information about one or more schedulers

Summary of SCTP Response Tags

<clear-counters>

Usage

```
<sctp-clear-counters>
  <clear-counters>
    <clear-counters-status>
      clear-counters-status
    </clear-counters-status>
  </clear-counters>
</sctp-clear-counters>
```

Description

<sctp-clear-counters>

Usage

```
<sctp-clear-counters>
  <clear-counters>....</clear-counters>
</sctp-clear-counters>
```

Description

<sctp-show-counters>

Usage

```
<sctp-show-counters>
  <show-counters-slot>....</show-counters-slot>
  <show-counters-recvdrop>....</show-counters-recvdrop>
  <show-counters-errdrop>....</show-counters-errdrop>
</sctp-show-counters>
```

Description

<show-counters-errdrop>

Usage

```
<sctp-show-counters>
  <show-counters-errdrop>
    <errdrop-name>
      errdrop-name
    </errdrop-name>
  <errdrop>
    errdrop
  </errdrop>
</show-counters-errdrop>
```

```
</sctp-show-counters>
```

Description

<show-counters-recvdrop>

Usage

```
<sctp-show-counters>
  <show-counters-recvdrop>
    <recvdrop-name>
      recvdrop-name
    </recvdrop-name>
    <received>
      received
    </received>
    <drop>
      drop
    </drop>
  </show-counters-recvdrop>
</sctp-show-counters>
```

Description

<show-counters-slot>

Usage

```
<sctp-show-counters>
  <show-counters-slot>
    <fpc-slot>
      fpc-slot
    </fpc-slot>
    <pic-slot>
      pic-slot
    </pic-slot>
  </show-counters-slot>
</sctp-show-counters>
```

Description

Summary of Security Firewall Response Tags

<application-firewall>

Usage

```
<application-firewall>
  <rule-set-info>....</rule-set-info>
</application-firewall>
```

Description Information of the application firewall

<default-rule>**Usage**

```

<default-rule>
  <action>
    action
  </action>
  <session-matched-counter>
    session-matched-counter
  </session-matched-counter>
</default-rule>

```

Description Information of the default rule

<default-rule>**Usage**

```

<rule-list>
  <default-rule>
    <action>
      action
    </action>
    <session-matched-counter>
      session-matched-counter
    </session-matched-counter>
  </default-rule>
</rule-list>

```

Description Information of the default rule

<default-rule>**Usage**

```

<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-list>
        <default-rule>
          <action>
            action
          </action>
          <session-matched-counter>
            session-matched-counter
          </session-matched-counter>
        </default-rule>
      </rule-list>
    </rule-set>
  </rule-set-info>
</application-firewall>

```

Description Information of the default rule

<dynamic-application-list>

Usage

```
<dynamic-application-list>
  <dynamic-application>
    dynamic-application
  </dynamic-application>
</dynamic-application-list>
```

Description Information of all dynamic applications

<dynamic-application-list>

Usage

```
<rule-list>
  <rule>
    <dynamic-application-list>
      <dynamic-application>
        dynamic-application
      </dynamic-application>
    </dynamic-application-list>
  </rule>
</rule-list>
```

Description Information of all dynamic applications

<dynamic-application-list>

Usage

```
<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-list>
        <rule>
          <dynamic-application-list>
            <dynamic-application>
              dynamic-application
            </dynamic-application>
          </dynamic-application-list>
        </rule>
      </rule-list>
    </rule-set>
  </rule-set-info>
</application-firewall>
```

Description Information of all dynamic applications

<rule>

Usage

```
<rule-list>
```

```

<rule>
  <rule-name>
    rule-name
  </rule-name>
  <dynamic-application-list>....</dynamic-application-list>
  <action>
    action
  </action>
  <session-matched-counter>
    session-matched-counter
  </session-matched-counter>
</rule>
</rule-list>

```

Description Information of the rule

<rule>

Usage

```

<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-list>
        <rule>
          <rule-name>
            rule-name
          </rule-name>
          <dynamic-application-list>....</dynamic-application-list>
          <action>
            action
          </action>
          <session-matched-counter>
            session-matched-counter
          </session-matched-counter>
        </rule>
      </rule-list>
    </rule-set>
  </rule-set-info>
</application-firewall>

```

Description Information of the rule

<rule-list>

Usage

```

<rule-list>
  <rule>....</rule>
  <default-rule>....</default-rule>
</rule-list>

```

Description Information of all the rules

<rule-list>

Usage

```
<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-list>
        <rule>....</rule>
        <default-rule>....</default-rule>
      </rule-list>
    </rule-set>
  </rule-set-info>
</application-firewall>
```

Description Information of all the rules

<rule-set>

Usage

```
<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-set-name>
        rule-set-name
      </rule-set-name>
      <rule-list>....</rule-list>
      <session-pending-counter>
        session-pending-counter
      </session-pending-counter>
    </rule-set>
  </rule-set-info>
</application-firewall>
```

Description

<rule-set-info>

Usage

```
<application-firewall>
  <rule-set-info>
    <rule-set>....</rule-set>
  </rule-set-info>
</application-firewall>
```

Description Information of the rule-set

Summary of Security Policy Response Tags

<alarm>

Usage

```
<policy-count-alarms>
  <alarm>
    <alarm-count>
      alarm-count
    </alarm-count>
    <alarm-type>
      alarm-type
    </alarm-type>
  </alarm>
</policy-count-alarms>
```

Description Information about a single alarm

<alarm>

Usage

```
<policy-information>
  <policy-count-alarms>
    <alarm>
      <alarm-count>
        alarm-count
      </alarm-count>
      <alarm-type>
        alarm-type
      </alarm-type>
    </alarm>
  </policy-count-alarms>
</policy-information>
```

Description Information about a single alarm

<alarm>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-count-alarms>
          <alarm>
            <alarm-count>
              alarm-count
            </alarm-count>
            <alarm-type>
              alarm-type
            </alarm-type>
          </alarm>
        </policy-count-alarms>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

```
</policy-count-alarms>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description Information about a single alarm

<alarm>

Usage

```
<security-dynamic-policies>
<security-context>
<policies>
<policy-information>
<policy-count-alarms>
<alarm>
<alarm-count>
alarm-count
</alarm-count>
<alarm-type>
alarm-type
</alarm-type>
</alarm>
</policy-count-alarms>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about a single alarm

<alarm>

Usage

```
<security-policy-match>
<policy-information>
<policy-count-alarms>
<alarm>
<alarm-count>
alarm-count
</alarm-count>
<alarm-type>
alarm-type
</alarm-type>
</alarm>
</policy-count-alarms>
</policy-information>
</security-policy-match>
```

Description Information about a single alarm

<application>**Usage**

```

<applications>
  <application>
    <application-name>
      application-name
    </application-name>
    <application-term>....</application-term>
  </application>
</applications>

```

Description Information about an application in the policy

<application>**Usage**

```

<policy-information>
  <applications>
    <application>
      <application-name>
        application-name
      </application-name>
      <application-term>....</application-term>
    </application>
  </applications>
</policy-information>

```

Description Information about an application in the policy

<application>**Usage**

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-name>
              application-name
            </application-name>
            <application-term>....</application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information about an application in the policy

<application>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-name>
              application-name
            </application-name>
            <application-term>....</application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information about an application in the policy

<application>

Usage

```
<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-name>
          application-name
        </application-name>
        <application-term>....</application-term>
      </application>
    </applications>
  </policy-information>
</security-policy-match>
```

Description Information about an application in the policy

<application-firewall>

Usage

```
<policy-application-services>
  <application-firewall>
    <rule-set-info>....</rule-set-info>
  </application-firewall>
</policy-application-services>
```

Description Information of the application firewall

<application-firewall>

Usage

```
<policy-information>
  <policy-application-services>
    <application-firewall>
      <rule-set-info>....</rule-set-info>
    </application-firewall>
  </policy-application-services>
</policy-information>
```

Description Information of the application firewall

<application-firewall>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>....</rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information of the application firewall

<application-firewall>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>....</rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information of the application firewall

<application-firewall>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>....</rule-set-info>
      </application-firewall>
    </policy-application-services>
  </policy-information>
</security-policy-match>
```

Description Information of the application firewall

<application-term>

Usage

```
<applications>
  <application>
    <application-term>
      <protocol>
        protocol
      </protocol>
      <alg-name>
        alg-name
      </alg-name>
      <inactivity-timeout>
        inactivity-timeout
      </inactivity-timeout>
      <source-port-range>....</source-port-range>
      <destination-port-range>....</destination-port-range>
      <icmp-info>....</icmp-info>
      <rpc-information>....</rpc-information>
    </application-term>
  </application>
</applications>
```

Description Information about a term within an application

<application-term>

Usage

```
<policy-information>
  <applications>
    <application>
      <application-term>
        <protocol>
          protocol
        </protocol>
        <alg-name>
          alg-name
```

```

</alg-name>
<inactivity-timeout>
  inactivity-timeout
</inactivity-timeout>
<source-port-range>....</source-port-range>
<destination-port-range>....</destination-port-range>
<icmp-info>....</icmp-info>
<rpc-information>....</rpc-information>
</application-term>
</application>
</applications>
</policy-information>

```

Description Information about a term within an application

<application-term>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <protocol>
                protocol
              </protocol>
              <alg-name>
                alg-name
              </alg-name>
              <inactivity-timeout>
                inactivity-timeout
              </inactivity-timeout>
              <source-port-range>....</source-port-range>
              <destination-port-range>....</destination-port-range>
              <icmp-info>....</icmp-info>
              <rpc-information>....</rpc-information>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information about a term within an application

<application-term>

Usage

```

<security-dynamic-policies>
  <security-context>

```

```
<policies>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <protocol>
            protocol
          </protocol>
          <alg-name>
            alg-name
          </alg-name>
          <inactivity-timeout>
            inactivity-timeout
          </inactivity-timeout>
          <source-port-range>....</source-port-range>
          <destination-port-range>....</destination-port-range>
          <icmp-info>....</icmp-info>
          <rpc-information>....</rpc-information>
        </application-term>
      </application>
    </applications>
  </policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about a term within an application

<application-term>

Usage

```
<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <protocol>
            protocol
          </protocol>
          <alg-name>
            alg-name
          </alg-name>
          <inactivity-timeout>
            inactivity-timeout
          </inactivity-timeout>
          <source-port-range>....</source-port-range>
          <destination-port-range>....</destination-port-range>
          <icmp-info>....</icmp-info>
          <rpc-information>....</rpc-information>
        </application-term>
      </application>
    </applications>
  </policy-information>
```


</security-policy-match>

Description Information about a term within an application

<applications>

Usage

```
<applications>
  <application>....</application>
</applications>
```

Description

<applications>

Usage

```
<policy-information>
  <applications>
    <application>....</application>
  </applications>
</policy-information>
```

Description

<applications>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>....</application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description

<applications>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>....</application>
        </applications>
      </policy-information>
```

```
</policies>
</security-context>
</security-dynamic-policies>
```

Description

<applications>

Usage

```
<security-policy-match>
  <policy-information>
    <applications>
      <application>....</application>
    </applications>
  </policy-information>
</security-policy-match>
```

Description

<context-information>

Usage

```
<context-information>
  <virtual-system-name>
    virtual-system-name
  </virtual-system-name>
  <source-zone-name>
    source-zone-name
  </source-zone-name>
  <destination-zone-name>
    destination-zone-name
  </destination-zone-name>
</context-information>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<policy-information>
  <context-information>
    <virtual-system-name>
      virtual-system-name
    </virtual-system-name>
    <source-zone-name>
      source-zone-name
    </source-zone-name>
    <destination-zone-name>
      destination-zone-name
    </destination-zone-name>
  </context-information>
</policy-information>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<security-policies>
  <security-context>
    <context-information>
      <virtual-system-name>
        virtual-system-name
      </virtual-system-name>
      <source-zone-name>
        source-zone-name
      </source-zone-name>
      <destination-zone-name>
        destination-zone-name
      </destination-zone-name>
    </context-information>
  </security-context>
</security-policies>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <context-information>
          <virtual-system-name>
            virtual-system-name
          </virtual-system-name>
          <source-zone-name>
            source-zone-name
          </source-zone-name>
          <destination-zone-name>
            destination-zone-name
          </destination-zone-name>
        </context-information>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<security-dynamic-policies>
```

```
<security-context>
  <context-information>
    <virtual-system-name>
      virtual-system-name
    </virtual-system-name>
    <source-zone-name>
      source-zone-name
    </source-zone-name>
    <destination-zone-name>
      destination-zone-name
    </destination-zone-name>
  </context-information>
</security-context>
</security-dynamic-policies>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <context-information>
          <virtual-system-name>
            virtual-system-name
          </virtual-system-name>
          <source-zone-name>
            source-zone-name
          </source-zone-name>
          <destination-zone-name>
            destination-zone-name
          </destination-zone-name>
        </context-information>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information about the virtual system, source zone, and destination zone for a policy

<context-information>

Usage

```
<security-policy-match>
  <policy-information>
    <context-information>
      <virtual-system-name>
        virtual-system-name
      </virtual-system-name>
      <source-zone-name>
        source-zone-name
```

```

        </source-zone-name>
        <destination-zone-name>
        destination-zone-name
        </destination-zone-name>
    </context-information>
</policy-information>
</security-policy-match>

```

Description Information about the virtual system, source zone, and destination zone for a policy

<default-rule>

Usage

```

<policy-application-services>
<application-firewall>
  <rule-set-info>
  <rule-set>
    <rule-list>
      <default-rule>
        <action>
        action
        </action>
      </default-rule>
    </rule-list>
  </rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>

```

Description Information of the default rule

<default-rule>

Usage

```

<policy-information>
<policy-application-services>
<application-firewall>
  <rule-set-info>
  <rule-set>
    <rule-list>
      <default-rule>
        <action>
        action
        </action>
      </default-rule>
    </rule-list>
  </rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>

```

Description Information of the default rule

<default-rule>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <default-rule>
                    <action>
                      action
                    </action>
                  </default-rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information of the default rule

<default-rule>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <default-rule>
                    <action>
                      action
                    </action>
                  </default-rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
```

```
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information of the default rule

<default-rule>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>
          <rule-set>
            <rule-list>
              <default-rule>
                <action>
                  action
                </action>
              </default-rule>
            </rule-list>
          </rule-set>
        </rule-set-info>
      </application-firewall>
    </policy-application-services>
  </policy-information>
</security-policy-match>
```

Description Information of the default rule

<destination-address>

Usage

```
<destination-addresses>
  <destination-address>
    <address-name>
      address-name
    </address-name>
    <prefixes>....</prefixes>
  </destination-address>
</destination-addresses>
```

Description Information about a destination address

<destination-address>

Usage

```
<policy-information>
  <destination-addresses>
    <destination-address>
```

```
<address-name>
  address-name
</address-name>
<prefixes>....</prefixes>
</destination-address>
</destination-addresses>
</policy-information>
```

Description Information about a destination address

<destination-address>

Usage

```
<security-policies>
<security-context>
  <policies>
    <policy-information>
      <destination-addresses>
        <destination-address>
          <address-name>
            address-name
          </address-name>
          <prefixes>....</prefixes>
        </destination-address>
      </destination-addresses>
    </policy-information>
  </policies>
</security-context>
</security-policies>
```

Description Information about a destination address

<destination-address>

Usage

```
<security-dynamic-policies>
<security-context>
  <policies>
    <policy-information>
      <destination-addresses>
        <destination-address>
          <address-name>
            address-name
          </address-name>
          <prefixes>....</prefixes>
        </destination-address>
      </destination-addresses>
    </policy-information>
  </policies>
</security-context>
</security-dynamic-policies>
```


Description Information about a destination address

<destination-address>

Usage

```
<security-policy-match>
  <policy-information>
    <destination-addresses>
      <destination-address>
        <address-name>
          address-name
        </address-name>
      </destination-address>
    </destination-addresses>
  </policy-information>
</security-policy-match>
```

Description Information about a destination address

<destination-addresses>

Usage

```
<destination-addresses>
  <destination-address>....</destination-address>
</destination-addresses>
```

Description Information about the destination addresses

<destination-addresses>

Usage

```
<policy-information>
  <destination-addresses>
    <destination-address>....</destination-address>
  </destination-addresses>
</policy-information>
```

Description Information about the destination addresses

<destination-addresses>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <destination-addresses>
          <destination-address>....</destination-address>
        </destination-addresses>
      </policy-information>
```

```
</policies>
</security-context>
</security-policies>
```

Description Information about the destination addresses

<destination-addresses>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <destination-addresses>
          <destination-address>....</destination-address>
        </destination-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information about the destination addresses

<destination-addresses>

Usage

```
<security-policy-match>
  <policy-information>
    <destination-addresses>
      <destination-address>....</destination-address>
    </destination-addresses>
  </policy-information>
</security-policy-match>
```

Description Information about the destination addresses

<destination-port-range>

Usage

```
<applications>
  <application>
    <application-term>
      <destination-port-range>
        <low>
          low
        </low>
        <high>
          high
        </high>
      </destination-port-range>
    </application-term>
  </application>
</applications>
```

```

</application>
</applications>

```

Description Range of the destination ports

<destination-port-range>

Usage

```

<policy-information>
  <applications>
    <application>
      <application-term>
        <destination-port-range>
          <low>
            low
          </low>
          <high>
            high
          </high>
        </destination-port-range>
      </application-term>
    </application>
  </applications>
</policy-information>

```

Description Range of the destination ports

<destination-port-range>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <destination-port-range>
                <low>
                  low
                </low>
                <high>
                  high
                </high>
              </destination-port-range>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Range of the destination ports

<destination-port-range>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <destination-port-range>
                <low>
                  low
                </low>
                <high>
                  high
                </high>
              </destination-port-range>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Range of the destination ports

<destination-port-range>

Usage

```
<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <destination-port-range>
            <low>
              low
            </low>
            <high>
              high
            </high>
          </destination-port-range>
        </application-term>
      </application>
    </applications>
  </policy-information>
</security-policy-match>
```

Description Range of the destination ports

<dynamic-application-list>

Usage

```
<dynamic-application-list>
  <dynamic-application>
    dynamic-application
  </dynamic-application>
</dynamic-application-list>
```

Description Information of all dynamic application

<dynamic-application-list>

Usage

```
<policy-application-services>
  <application-firewall>
    <rule-set-info>
      <rule-set>
        <rule-list>
          <rule>
            <dynamic-application-list>
              <dynamic-application>
                dynamic-application
              </dynamic-application>
            </dynamic-application-list>
          </rule>
        </rule-list>
      </rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>
```

Description Information of all dynamic application

<dynamic-application-list>

Usage

```
<policy-information>
  <policy-application-services>
    <application-firewall>
      <rule-set-info>
        <rule-set>
          <rule-list>
            <rule>
              <dynamic-application-list>
                <dynamic-application>
                  dynamic-application
                </dynamic-application>
              </dynamic-application-list>
            </rule>
```

```
</rule-list>
</rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>
```

Description Information of all dynamic application

<dynamic-application-list>

Usage

```
<security-policies>
<security-context>
<policies>
<policy-information>
<policy-application-services>
<application-firewall>
<rule-set-info>
<rule-set>
<rule-list>
<rule>
<dynamic-application-list>
<dynamic-application>
dynamic-application
</dynamic-application>
</dynamic-application-list>
</rule>
</rule-list>
</rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description Information of all dynamic application

<dynamic-application-list>

Usage

```
<security-dynamic-policies>
<security-context>
<policies>
<policy-information>
<policy-application-services>
<application-firewall>
<rule-set-info>
<rule-set>
<rule-list>
<rule>
```

```

        <dynamic-application-list>
        <dynamic-application>
        dynamic-application
        </dynamic-application>
        </dynamic-application-list>
    </rule>
</rule-list>
</rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>

```

Description Information of all dynamic application

<dynamic-application-list>

Usage

```

<security-policy-match>
<policy-information>
<policy-application-services>
<application-firewall>
<rule-set-info>
<rule-set>
<rule-list>
<rule>
    <dynamic-application-list>
    <dynamic-application>
    dynamic-application
    </dynamic-application>
    </dynamic-application-list>
</rule>
</rule-list>
</rule-set>
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>
</security-policy-match>

```

Description Information of all dynamic application

<icmp-info>

Usage

```

<applications>
<application>
<application-term>
    <icmp-info>
    <icmp-type>

```

```
        icmp-type
      </icmp-type>
    <icmp-code>
      icmp-code
    </icmp-code>
  </icmp-info>
</application-term>
</application>
</applications>
```

Description ICMP type information

<icmp-info>

Usage

```
<policy-information>
  <applications>
    <application>
      <application-term>
        <icmp-info>
          <icmp-type>
            icmp-type
          </icmp-type>
          <icmp-code>
            icmp-code
          </icmp-code>
        </icmp-info>
      </application-term>
    </application>
  </applications>
</policy-information>
```

Description ICMP type information

<icmp-info>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <icmp-info>
                <icmp-type>
                  icmp-type
                </icmp-type>
                <icmp-code>
                  icmp-code
                </icmp-code>
              </icmp-info>
            </application-term>
```



```

    </application>
  </applications>
</policy-information>
</policies>
</security-context>
</security-policies>

```

Description ICMP type information

<icmp-info>

Usage

```

<security-dynamic-policies>
<security-context>
<policies>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <icmp-info>
            <icmp-type>
              icmp-type
            </icmp-type>
            <icmp-code>
              icmp-code
            </icmp-code>
          </icmp-info>
        </application-term>
      </application>
    </applications>
  </policy-information>
</policies>
</security-context>
</security-dynamic-policies>

```

Description ICMP type information

<icmp-info>

Usage

```

<security-policy-match>
<policy-information>
<applications>
  <application>
    <application-term>
      <icmp-info>
        <icmp-type>
          icmp-type
        </icmp-type>
        <icmp-code>
          icmp-code
        </icmp-code>
      </icmp-info>
    </application-term>
  </application>
</applications>
</policy-information>
</security-policy-match>

```

```
        </application-term>
      </application>
    </applications>
  </policy-information>
</security-policy-match>
```

Description ICMP type information

<policies>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>....</policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description

<policies>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>....</policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description

<policy-action>

Usage

```
<policy-action>
  <action-type>
    action-type
  </action-type>
  <tunnel>
    tunnel
  </tunnel>
  <nat-source>
    nat-source
  </nat-source>
  <nat-destination>
    nat-destination
  </nat-destination>
  <firewall-authentication>
    firewall-authentication
  </firewall-authentication>
```

```

<application-services>
  application-services
</application-services>
<uac-enabled>
  uac-enabled
</uac-enabled>
<log>
  log
</log>
<count>
  count
</count>
<scheduled>
  scheduled
</scheduled>
</policy-action>

```

Description Action specified in the policy

<policy-action>

Usage

```

<policy-information>
  <policy-action>
    <action-type>
      action-type
    </action-type>
    <tunnel>
      tunnel
    </tunnel>
    <nat-source>
      nat-source
    </nat-source>
    <nat-destination>
      nat-destination
    </nat-destination>
    <firewall-authentication>
      firewall-authentication
    </firewall-authentication>
    <application-services>
      application-services
    </application-services>
    <uac-enabled>
      uac-enabled
    </uac-enabled>
    <log>
      log
    </log>
    <count>
      count
    </count>
    <scheduled>
      scheduled
    </scheduled>
  </policy-action>
</policy-information>

```

```
</policy-action>
</policy-information>
```

Description Action specified in the policy

<policy-action>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-action>
          <action-type>
            action-type
          </action-type>
          <tunnel>
            tunnel
          </tunnel>
          <nat-source>
            nat-source
          </nat-source>
          <nat-destination>
            nat-destination
          </nat-destination>
          <firewall-authentication>
            firewall-authentication
          </firewall-authentication>
          <application-services>
            application-services
          </application-services>
          <uac-enabled>
            uac-enabled
          </uac-enabled>
          <log>
            log
          </log>
          <count>
            count
          </count>
          <scheduled>
            scheduled
          </scheduled>
        </policy-action>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Action specified in the policy

<policy-action>**Usage**

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-action>
          <action-type>
            action-type
          </action-type>
          <tunnel>
            tunnel
          </tunnel>
          <nat-source>
            nat-source
          </nat-source>
          <nat-destination>
            nat-destination
          </nat-destination>
          <firewall-authentication>
            firewall-authentication
          </firewall-authentication>
          <application-services>
            application-services
          </application-services>
          <uac-enabled>
            uac-enabled
          </uac-enabled>
          <log>
            log
          </log>
          <count>
            count
          </count>
          <scheduled>
            scheduled
          </scheduled>
        </policy-action>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

Description Action specified in the policy

<policy-action>**Usage**

```

<security-policy-match>
  <policy-information>
    <policy-action>
      <action-type>
        action-type

```

```
</action-type>
<tunnel>
  tunnel
</tunnel>
<nat-source>
  nat-source
</nat-source>
<nat-destination>
  nat-destination
</nat-destination>
<firewall-authentication>
  firewall-authentication
</firewall-authentication>
<application-services>
  application-services
</application-services>
<uac-enabled>
  uac-enabled
</uac-enabled>
<log>
  log
</log>
<count>
  count
</count>
<scheduled>
  scheduled
</scheduled>
</policy-action>
</policy-information>
</security-policy-match>
```

Description Action specified in the policy

<policy-application-services>

Usage

```
<policy-application-services>
  <gprs-gtp-profile>
    gprs-gtp-profile
  </gprs-gtp-profile>
  <gprs-sctp-profile>
    gprs-sctp-profile
  </gprs-sctp-profile>
  <idp>
    idp
  </idp>
  <uac-policy>
    uac-policy
  </uac-policy>
  <application-firewall>....</application-firewall>
  <utm>
    utm
  </utm>
```

```

    <wan-acceleration>
      wan-acceleration
    </wan-acceleration>
    <wx-optimizer>....</wx-optimizer>
  </policy-application-services>

```

Description Application services

<policy-application-services>

Usage

```

  <policy-information>
    <policy-application-services>
      <gprs-gtp-profile>
        gprs-gtp-profile
      </gprs-gtp-profile>
      <gprs-sctp-profile>
        gprs-sctp-profile
      </gprs-sctp-profile>
      <idp>
        idp
      </idp>
      <uac-policy>
        uac-policy
      </uac-policy>
      <application-firewall>....</application-firewall>
      <utm>
        utm
      </utm>
      <wan-acceleration>
        wan-acceleration
      </wan-acceleration>
      <wx-optimizer>....</wx-optimizer>
    </policy-application-services>
  </policy-information>

```

Description Application services

<policy-application-services>

Usage

```

  <security-policies>
    <security-context>
      <policies>
        <policy-information>
          <policy-application-services>
            <gprs-gtp-profile>
              gprs-gtp-profile
            </gprs-gtp-profile>
            <gprs-sctp-profile>
              gprs-sctp-profile
            </gprs-sctp-profile>
            <idp>

```

```
    idp
  </idp>
  <uac-policy>
    uac-policy
  </uac-policy>
  <application-firewall>....</application-firewall>
  <utm>
    utm
  </utm>
  <wan-acceleration>
    wan-acceleration
  </wan-acceleration>
  <wx-optimizer>....</wx-optimizer>
</policy-application-services>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description Application services

<policy-application-services>

Usage

```
<security-dynamic-policies>
<security-context>
  <policies>
    <policy-information>
      <policy-application-services>
        <gprs-gtp-profile>
          gprs-gtp-profile
        </gprs-gtp-profile>
        <gprs-sctp-profile>
          gprs-sctp-profile
        </gprs-sctp-profile>
        <idp>
          idp
        </idp>
        <uac-policy>
          uac-policy
        </uac-policy>
        <application-firewall>....</application-firewall>
        <utm>
          utm
        </utm>
        <wan-acceleration>
          wan-acceleration
        </wan-acceleration>
        <wx-optimizer>....</wx-optimizer>
      </policy-application-services>
    </policy-information>
  </policies>
</security-context>
```



```
</security-dynamic-policies>
```

Description Application services

<policy-application-services>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <gprs-gtp-profile>
        gprs-gtp-profile
      </gprs-gtp-profile>
      <gprs-sctp-profile>
        gprs-sctp-profile
      </gprs-sctp-profile>
      <idp>
        idp
      </idp>
      <uac-policy>
        uac-policy
      </uac-policy>
      <application-firewall>....</application-firewall>
      <utm>
        utm
      </utm>
      <wan-acceleration>
        wan-acceleration
      </wan-acceleration>
      <wx-optimizer>....</wx-optimizer>
    </policy-application-services>
  </policy-information>
</security-policy-match>
```

Description Application services

<policy-count-alarms>

Usage

```
<policy-count-alarms>
  <alarm>....</alarm>
</policy-count-alarms>
```

Description Information about alarms for the policy

<policy-count-alarms>

Usage

```
<policy-information>
  <policy-count-alarms>
    <alarm>....</alarm>
```

```
</policy-count-alarms>
</policy-information>
```

Description Information about alarms for the policy

<policy-count-alarms>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-count-alarms>
          <alarm>....</alarm>
        </policy-count-alarms>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information about alarms for the policy

<policy-count-alarms>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-count-alarms>
          <alarm>....</alarm>
        </policy-count-alarms>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information about alarms for the policy

<policy-count-alarms>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-count-alarms>
      <alarm>....</alarm>
    </policy-count-alarms>
  </policy-information>
</security-policy-match>
```

Description Information about alarms for the policy

<policy-firewall-authentication>

Usage

```
<policy-firewall-authentication>
  <authentication-type>
    authentication-type
  </authentication-type>
  <access-profile-name>
    access-profile-name
  </access-profile-name>
  <client-match-name>
    client-match-name
  </client-match-name>
  <web-redirect>
    web-redirect
  </web-redirect>
</policy-firewall-authentication>
```

Description Information about firewall authentication in the policy

<policy-firewall-authentication>

Usage

```
<policy-information>
  <policy-firewall-authentication>
    <authentication-type>
      authentication-type
    </authentication-type>
    <access-profile-name>
      access-profile-name
    </access-profile-name>
    <client-match-name>
      client-match-name
    </client-match-name>
    <web-redirect>
      web-redirect
    </web-redirect>
  </policy-firewall-authentication>
</policy-information>
```

Description Information about firewall authentication in the policy

<policy-firewall-authentication>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-firewall-authentication>
```

```
<authentication-type>
  authentication-type
</authentication-type>
<access-profile-name>
  access-profile-name
</access-profile-name>
<client-match-name>
  client-match-name
</client-match-name>
<web-redirect>
  web-redirect
</web-redirect>
</policy-firewall-authentication>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description Information about firewall authentication in the policy

<policy-firewall-authentication>

Usage

```
<security-dynamic-policies>
<security-context>
<policies>
<policy-information>
  <policy-firewall-authentication>
    <authentication-type>
      authentication-type
    </authentication-type>
    <access-profile-name>
      access-profile-name
    </access-profile-name>
    <client-match-name>
      client-match-name
    </client-match-name>
    <web-redirect>
      web-redirect
    </web-redirect>
  </policy-firewall-authentication>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about firewall authentication in the policy

<policy-firewall-authentication>

Usage

```
<security-policy-match>
<policy-information>
```

```

<policy-firewall-authentication>
  <authentication-type>
    authentication-type
  </authentication-type>
  <access-profile-name>
    access-profile-name
  </access-profile-name>
  <client-match-name>
    client-match-name
  </client-match-name>
  <web-redirect>
    web-redirect
  </web-redirect>
</policy-firewall-authentication>
</policy-information>
</security-policy-match>

```

Description Information about firewall authentication in the policy

<policy-information>

Usage

```

<policy-information>
  <policy-name>
    policy-name
  </policy-name>
  <policy-identifier>
    policy-identifier
  </policy-identifier>
  <scope-policy-identifier>
    scope-policy-identifier
  </scope-policy-identifier>
  <policy-sequence-number>
    policy-sequence-number
  </policy-sequence-number>
  <policy-action>....</policy-action>
  <policy-state>
    policy-state
  </policy-state>
  <context-information>....</context-information>
  <policy-type-information>....</policy-type-information>
  <source-addresses>....</source-addresses>
  <destination-addresses>....</destination-addresses>
  <applications>....</applications>
  <policy-tcp-options>....</policy-tcp-options>
  <policy-tunnel>....</policy-tunnel>
  <policy-firewall-authentication>....</policy-firewall-authentication>
  <policy-application-services>....</policy-application-services>
  <policy-count-alarms>....</policy-count-alarms>
  <policy-log>....</policy-log>
  <policy-scheduler>....</policy-scheduler>
  <policy-statistics-information>....</policy-statistics-information>
</policy-information>

```

Description Information about security policies

<policy-information>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-name>
          policy-name
        </policy-name>
        <policy-identifier>
          policy-identifier
        </policy-identifier>
        <scope-policy-identifier>
          scope-policy-identifier
        </scope-policy-identifier>
        <policy-sequence-number>
          policy-sequence-number
        </policy-sequence-number>
        <policy-action>....</policy-action>
        <policy-state>
          policy-state
        </policy-state>
        <context-information>....</context-information>
        <policy-type-information>....</policy-type-information>
        <source-addresses>....</source-addresses>
        <destination-addresses>....</destination-addresses>
        <applications>....</applications>
        <policy-tcp-options>....</policy-tcp-options>
        <policy-tunnel>....</policy-tunnel>
        <policy-firewall-authentication>....</policy-firewall-authentication>
        <policy-application-services>....</policy-application-services>
        <policy-count-alarms>....</policy-count-alarms>
        <policy-log>....</policy-log>
        <policy-scheduler>....</policy-scheduler>
        <policy-statistics-information>....</policy-statistics-information>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information about security policies

<policy-information>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-name>
          policy-name
        </policy-name>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

```

</policy-name>
<policy-identifier>
  policy-identifier
</policy-identifier>
<scope-policy-identifier>
  scope-policy-identifier
</scope-policy-identifier>
<policy-sequence-number>
  policy-sequence-number
</policy-sequence-number>
<policy-action>....</policy-action>
<policy-state>
  policy-state
</policy-state>
<context-information>....</context-information>
<policy-type-information>....</policy-type-information>
<source-addresses>....</source-addresses>
<destination-addresses>....</destination-addresses>
<applications>....</applications>
<policy-tcp-options>....</policy-tcp-options>
<policy-tunnel>....</policy-tunnel>
<policy-firewall-authentication>....</policy-firewall-authentication>
<policy-application-services>....</policy-application-services>
<policy-count-alarms>....</policy-count-alarms>
<policy-log>....</policy-log>
<policy-scheduler>....</policy-scheduler>
<policy-statistics-information>....</policy-statistics-information>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>

```

Description Information about security policies

<policy-information>

Usage

```

<security-policy-match>
<policy-information>
  <policy-name>
    policy-name
  </policy-name>
  <policy-identifier>
    policy-identifier
  </policy-identifier>
  <scope-policy-identifier>
    scope-policy-identifier
  </scope-policy-identifier>
  <policy-sequence-number>
    policy-sequence-number
  </policy-sequence-number>
  <policy-action>....</policy-action>
  <policy-state>
    policy-state

```

```
</policy-state>
<context-information>....</context-information>
<policy-type-information>....</policy-type-information>
<source-addresses>....</source-addresses>
<destination-addresses>....</destination-addresses>
<applications>....</applications>
<policy-tcp-options>....</policy-tcp-options>
<policy-tunnel>....</policy-tunnel>
<policy-firewall-authentication>....</policy-firewall-authentication>
<policy-application-services>....</policy-application-services>
<policy-count-alarms>....</policy-count-alarms>
<policy-log>....</policy-log>
<policy-scheduler>....</policy-scheduler>
<policy-statistics-information>....</policy-statistics-information>
</policy-information>
</security-policy-match>
```

Description Information about security policies

<policy-internal-information>

Usage

```
<policy-internal-information>
  <current-policies>
    current-policies
  </current-policies>
  <maximum-policies>
    maximum-policies
  </maximum-policies>
  <current-policy-context>
    current-policy-context
  </current-policy-context>
  <maximum-policy-context>
    maximum-policy-context
  </maximum-policy-context>
  <current-policy-per-context>
    current-policy-per-context
  </current-policy-per-context>
  <maximum-policy-per-context>
    maximum-policy-per-context
  </maximum-policy-per-context>
  <current-statistic-counters>
    current-statistic-counters
  </current-statistic-counters>
  <maximum-statistic-counters>
    maximum-statistic-counters
  </maximum-statistic-counters>
  <current-source-address-per-policy>
    current-source-address-per-policy
  </current-source-address-per-policy>
  <maximum-source-address-per-policy>
    maximum-source-address-per-policy
  </maximum-source-address-per-policy>
  <current-destination-address-per-policy>
```



```
    current-destination-address-per-policy
  </current-destination-address-per-policy>
  <maximum-destination-address-per-policy>
    maximum-destination-address-per-policy
  </maximum-destination-address-per-policy>
  <current-application-per-policy>
    current-application-per-policy
  </current-application-per-policy>
  <maximum-application-per-policy>
    maximum-application-per-policy
  </maximum-application-per-policy>
  <messages-received>
    messages-received
  </messages-received>
  <messages-rejected>
    messages-rejected
  </messages-rejected>
  <add-received>
    add-received
  </add-received>
  <delete-received>
    delete-received
  </delete-received>
  <clear-received>
    clear-received
  </clear-received>
  <invalid-received>
    invalid-received
  </invalid-received>
  <add-pfe>
    add-pfe
  </add-pfe>
  <delete-pfe>
    delete-pfe
  </delete-pfe>
  <clear-pfe>
    clear-pfe
  </clear-pfe>
  <add-success>
    add-success
  </add-success>
  <delete-success>
    delete-success
  </delete-success>
  <clear-success>
    clear-success
  </clear-success>
  <add-failed>
    add-failed
  </add-failed>
  <delete-failed>
    delete-failed
  </delete-failed>
  <clear-failed>
    clear-failed
  </clear-failed>
```

```
<ssam-sent>
  ssam-sent
</ssam-sent>
<ssam-success>
  ssam-success
</ssam-success>
<ssam-failed>
  ssam-failed
</ssam-failed>
<invalid-configuration>
  invalid-configuration
</invalid-configuration>
<invalid-scope>
  invalid-scope
</invalid-scope>
</policy-internal-information>
```

Description Information about the policy

<policy-internal-information>

Usage

```
<security-policies>
  <policy-internal-information>
    <current-policies>
      current-policies
    </current-policies>
    <maximum-policies>
      maximum-policies
    </maximum-policies>
    <current-policy-context>
      current-policy-context
    </current-policy-context>
    <maximum-policy-context>
      maximum-policy-context
    </maximum-policy-context>
    <current-policy-per-context>
      current-policy-per-context
    </current-policy-per-context>
    <maximum-policy-per-context>
      maximum-policy-per-context
    </maximum-policy-per-context>
    <current-statistic-counters>
      current-statistic-counters
    </current-statistic-counters>
    <maximum-statistic-counters>
      maximum-statistic-counters
    </maximum-statistic-counters>
    <current-source-address-per-policy>
      current-source-address-per-policy
    </current-source-address-per-policy>
    <maximum-source-address-per-policy>
      maximum-source-address-per-policy
    </maximum-source-address-per-policy>
```

```
<current-destination-address-per-policy>  
  current-destination-address-per-policy  
</current-destination-address-per-policy>  
<maximum-destination-address-per-policy>  
  maximum-destination-address-per-policy  
</maximum-destination-address-per-policy>  
<current-application-per-policy>  
  current-application-per-policy  
</current-application-per-policy>  
<maximum-application-per-policy>  
  maximum-application-per-policy  
</maximum-application-per-policy>  
<messages-received>  
  messages-received  
</messages-received>  
<messages-rejected>  
  messages-rejected  
</messages-rejected>  
<add-received>  
  add-received  
</add-received>  
<delete-received>  
  delete-received  
</delete-received>  
<clear-received>  
  clear-received  
</clear-received>  
<invalid-received>  
  invalid-received  
</invalid-received>  
<add-pfe>  
  add-pfe  
</add-pfe>  
<delete-pfe>  
  delete-pfe  
</delete-pfe>  
<clear-pfe>  
  clear-pfe  
</clear-pfe>  
<add-success>  
  add-success  
</add-success>  
<delete-success>  
  delete-success  
</delete-success>  
<clear-success>  
  clear-success  
</clear-success>  
<add-failed>  
  add-failed  
</add-failed>  
<delete-failed>  
  delete-failed  
</delete-failed>  
<clear-failed>  
  clear-failed
```

```
</clear-failed>
<ssam-sent>
  ssam-sent
</ssam-sent>
<ssam-success>
  ssam-success
</ssam-success>
<ssam-failed>
  ssam-failed
</ssam-failed>
<invalid-configuration>
  invalid-configuration
</invalid-configuration>
<invalid-scope>
  invalid-scope
</invalid-scope>
</policy-internal-information>
</security-policies>
```

Description Information about the policy

<policy-log>

Usage

```
<policy-log>
<log-session-creation>
  log-session-creation
</log-session-creation>
<log-session-close>
  log-session-close
</log-session-close>
</policy-log>
```

Description Information about logging for the policy

<policy-log>

Usage

```
<policy-information>
  <policy-log>
    <log-session-creation>
      log-session-creation
    </log-session-creation>
    <log-session-close>
      log-session-close
    </log-session-close>
  </policy-log>
</policy-information>
```

Description Information about logging for the policy

<policy-log>**Usage**

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-log>
          <log-session-creation>
            log-session-creation
          </log-session-creation>
          <log-session-close>
            log-session-close
          </log-session-close>
        </policy-log>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information about logging for the policy

<policy-log>**Usage**

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-log>
          <log-session-creation>
            log-session-creation
          </log-session-creation>
          <log-session-close>
            log-session-close
          </log-session-close>
        </policy-log>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

Description Information about logging for the policy

<policy-log>**Usage**

```

<security-policy-match>
  <policy-information>
    <policy-log>
      <log-session-creation>
        log-session-creation
      </log-session-creation>
    </policy-log>
  </policy-information>
</security-policy-match>

```

```
</log-session-creation>
<log-session-close>
  log-session-close
</log-session-close>
</policy-log>
</policy-information>
</security-policy-match>
```

Description Information about logging for the policy

<policy-scheduler>

Usage

```
<policy-scheduler>
  <attached-scheduler-name>
    attached-scheduler-name
  </attached-scheduler-name>
</policy-scheduler>
```

Description Information about scheduler attached to the policy

<policy-scheduler>

Usage

```
<policy-information>
  <policy-scheduler>
    <attached-scheduler-name>
      attached-scheduler-name
    </attached-scheduler-name>
  </policy-scheduler>
</policy-information>
```

Description Information about scheduler attached to the policy

<policy-scheduler>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-scheduler>
          <attached-scheduler-name>
            attached-scheduler-name
          </attached-scheduler-name>
        </policy-scheduler>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information about scheduler attached to the policy

<policy-scheduler>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-scheduler>
          <attached-scheduler-name>
            attached-scheduler-name
          </attached-scheduler-name>
        </policy-scheduler>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information about scheduler attached to the policy

<policy-scheduler>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-scheduler>
      <attached-scheduler-name>
        attached-scheduler-name
      </attached-scheduler-name>
    </policy-scheduler>
  </policy-information>
</security-policy-match>
```

Description Information about scheduler attached to the policy

<policy-statistics-information>

Usage

```
<policy-statistics-information>
  <pfe-identifier>
    pfe-identifier
  </pfe-identifier>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-byte-rate>
    input-byte-rate
  </input-byte-rate>
```

```
<output-byte-rate>
  output-byte-rate
</output-byte-rate>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-packet-rate>
  input-packet-rate
</input-packet-rate>
<output-packet-rate>
  output-packet-rate
</output-packet-rate>
<session-creations>
  session-creations
</session-creations>
<session-deletions>
  session-deletions
</session-deletions>
<session-creation-rate>
  session-creation-rate
</session-creation-rate>
<active-sessions>
  active-sessions
</active-sessions>
<policy-lookups>
  policy-lookups
</policy-lookups>
</policy-statistics-information>
```

Description Statistics about the policy

<policy-statistics-information>

Usage

```
<policy-information>
<policy-statistics-information>
  <pfe-identifier>
    pfe-identifier
  </pfe-identifier>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-byte-rate>
    input-byte-rate
  </input-byte-rate>
  <output-byte-rate>
    output-byte-rate
  </output-byte-rate>
```



```

<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-packet-rate>
  input-packet-rate
</input-packet-rate>
<output-packet-rate>
  output-packet-rate
</output-packet-rate>
<session-creations>
  session-creations
</session-creations>
<session-deletions>
  session-deletions
</session-deletions>
<session-creation-rate>
  session-creation-rate
</session-creation-rate>
<active-sessions>
  active-sessions
</active-sessions>
<policy-lookups>
  policy-lookups
</policy-lookups>
</policy-statistics-information>
</policy-information>

```

Description Statistics about the policy

<policy-statistics-information>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-statistics-information>
          <pfe-identifier>
            pfe-identifier
          </pfe-identifier>
          <input-bytes>
            input-bytes
          </input-bytes>
          <output-bytes>
            output-bytes
          </output-bytes>
          <input-byte-rate>
            input-byte-rate
          </input-byte-rate>
          <output-byte-rate>
            output-byte-rate

```

```
</output-byte-rate>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-packet-rate>
  input-packet-rate
</input-packet-rate>
<output-packet-rate>
  output-packet-rate
</output-packet-rate>
<session-creations>
  session-creations
</session-creations>
<session-deletions>
  session-deletions
</session-deletions>
<session-creation-rate>
  session-creation-rate
</session-creation-rate>
<active-sessions>
  active-sessions
</active-sessions>
<policy-lookups>
  policy-lookups
</policy-lookups>
</policy-statistics-information>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description Statistics about the policy

<policy-statistics-information>

Usage

```
<security-dynamic-policies>
<security-context>
  <policies>
    <policy-information>
      <policy-statistics-information>
        <pfe-identifier>
          pfe-identifier
        </pfe-identifier>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-byte-rate>
```

```

    input-byte-rate
  </input-byte-rate>
  <output-byte-rate>
    output-byte-rate
  </output-byte-rate>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
  <input-packet-rate>
    input-packet-rate
  </input-packet-rate>
  <output-packet-rate>
    output-packet-rate
  </output-packet-rate>
  <session-creations>
    session-creations
  </session-creations>
  <session-deletions>
    session-deletions
  </session-deletions>
  <session-creation-rate>
    session-creation-rate
  </session-creation-rate>
  <active-sessions>
    active-sessions
  </active-sessions>
  <policy-lookups>
    policy-lookups
  </policy-lookups>
  </policy-statistics-information>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>

```

Description Statistics about the policy

<policy-statistics-information>

Usage

```

<security-policy-match>
  <policy-information>
    <policy-statistics-information>
      <pfe-identifier>
        pfe-identifier
      </pfe-identifier>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>
        output-bytes

```

```
</output-bytes>
<input-byte-rate>
  input-byte-rate
</input-byte-rate>
<output-byte-rate>
  output-byte-rate
</output-byte-rate>
<input-packets>
  input-packets
</input-packets>
<output-packets>
  output-packets
</output-packets>
<input-packet-rate>
  input-packet-rate
</input-packet-rate>
<output-packet-rate>
  output-packet-rate
</output-packet-rate>
<session-creations>
  session-creations
</session-creations>
<session-deletions>
  session-deletions
</session-deletions>
<session-creation-rate>
  session-creation-rate
</session-creation-rate>
<active-sessions>
  active-sessions
</active-sessions>
<policy-lookups>
  policy-lookups
</policy-lookups>
</policy-statistics-information>
</policy-information>
</security-policy-match>
```

Description Statistics about the policy

<policy-tcp-options>

Usage

```
<policy-tcp-options>
  <policy-tcp-options-syn-check>
    policy-tcp-options-syn-check
  </policy-tcp-options-syn-check>
  <policy-tcp-options-sequence-check>
    policy-tcp-options-sequence-check
  </policy-tcp-options-sequence-check>
</policy-tcp-options>
```

Description Information about the TCP options of policy

<policy-tcp-options>**Usage**

```

<policy-information>
  <policy-tcp-options>
    <policy-tcp-options-syn-check>
      policy-tcp-options-syn-check
    </policy-tcp-options-syn-check>
    <policy-tcp-options-sequence-check>
      policy-tcp-options-sequence-check
    </policy-tcp-options-sequence-check>
  </policy-tcp-options>
</policy-information>

```

Description Information about the TCP options of policy

<policy-tcp-options>**Usage**

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-tcp-options>
          <policy-tcp-options-syn-check>
            policy-tcp-options-syn-check
          </policy-tcp-options-syn-check>
          <policy-tcp-options-sequence-check>
            policy-tcp-options-sequence-check
          </policy-tcp-options-sequence-check>
        </policy-tcp-options>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information about the TCP options of policy

<policy-tcp-options>**Usage**

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-tcp-options>
          <policy-tcp-options-syn-check>
            policy-tcp-options-syn-check
          </policy-tcp-options-syn-check>
          <policy-tcp-options-sequence-check>
            policy-tcp-options-sequence-check
          </policy-tcp-options-sequence-check>
        </policy-tcp-options>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

```
</policy-tcp-options>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about the TCP options of policy

<policy-tcp-options>

Usage

```
<security-policy-match>
<policy-information>
<policy-tcp-options>
<policy-tcp-options-syn-check>
  policy-tcp-options-syn-check
</policy-tcp-options-syn-check>
<policy-tcp-options-sequence-check>
  policy-tcp-options-sequence-check
</policy-tcp-options-sequence-check>
</policy-tcp-options>
</policy-information>
</security-policy-match>
```

Description Information about the TCP options of policy

<policy-tunnel>

Usage

```
<policy-tunnel>
<tunnel-type>
  tunnel-type
</tunnel-type>
<tunnel-name>
  tunnel-name
</tunnel-name>
<tunnel-identifier>
  tunnel-identifier
</tunnel-identifier>
<pair-policy-name>
  pair-policy-name
</pair-policy-name>
</policy-tunnel>
```

Description Information about the policy-based tunnel

<policy-tunnel>

Usage

```
<policy-information>
<policy-tunnel>
```

```
<tunnel-type>
  tunnel-type
</tunnel-type>
<tunnel-name>
  tunnel-name
</tunnel-name>
<tunnel-identifier>
  tunnel-identifier
</tunnel-identifier>
<pair-policy-name>
  pair-policy-name
</pair-policy-name>
</policy-tunnel>
</policy-information>
```

Description Information about the policy-based tunnel

<policy-tunnel>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-tunnel>
          <tunnel-type>
            tunnel-type
          </tunnel-type>
          <tunnel-name>
            tunnel-name
          </tunnel-name>
          <tunnel-identifier>
            tunnel-identifier
          </tunnel-identifier>
          <pair-policy-name>
            pair-policy-name
          </pair-policy-name>
        </policy-tunnel>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information about the policy-based tunnel

<policy-tunnel>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-tunnel>
```

```
<tunnel-type>
  tunnel-type
</tunnel-type>
<tunnel-name>
  tunnel-name
</tunnel-name>
<tunnel-identifier>
  tunnel-identifier
</tunnel-identifier>
<pair-policy-name>
  pair-policy-name
</pair-policy-name>
</policy-tunnel>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about the policy-based tunnel

<policy-tunnel>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-tunnel>
      <tunnel-type>
        tunnel-type
      </tunnel-type>
      <tunnel-name>
        tunnel-name
      </tunnel-name>
      <tunnel-identifier>
        tunnel-identifier
      </tunnel-identifier>
      <pair-policy-name>
        pair-policy-name
      </pair-policy-name>
    </policy-tunnel>
  </policy-information>
</security-policy-match>
```

Description Information about the policy-based tunnel

<policy-type-information>

Usage

```
<policy-type-information>
  <policy-type-string>
    policy-type-string
  </policy-type-string>
  <policy-type-dynamic-policy-count>
    policy-type-dynamic-policy-count
```



```

    </policy-type-dynamic-policy-count>
  </policy-type-information>

```

Description Information about the type of policy

<policy-type-information>

Usage

```

<policy-information>
  <policy-type-information>
    <policy-type-string>
      policy-type-string
    </policy-type-string>
    <policy-type-dynamic-policy-count>
      policy-type-dynamic-policy-count
    </policy-type-dynamic-policy-count>
  </policy-type-information>
</policy-information>

```

Description Information about the type of policy

<policy-type-information>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-type-information>
          <policy-type-string>
            policy-type-string
          </policy-type-string>
          <policy-type-dynamic-policy-count>
            policy-type-dynamic-policy-count
          </policy-type-dynamic-policy-count>
        </policy-type-information>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information about the type of policy

<policy-type-information>

Usage

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-type-information>

```

```
<policy-type-string>
  policy-type-string
</policy-type-string>
<policy-type-dynamic-policy-count>
  policy-type-dynamic-policy-count
</policy-type-dynamic-policy-count>
</policy-type-information>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Information about the type of policy

<policy-type-information>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-type-information>
      <policy-type-string>
        policy-type-string
      </policy-type-string>
      <policy-type-dynamic-policy-count>
        policy-type-dynamic-policy-count
      </policy-type-dynamic-policy-count>
    </policy-type-information>
  </policy-information>
</security-policy-match>
```

Description Information about the type of policy

<policy-zone-context>

Usage

```
<policy-zone-context>
  <policy-zone-context-entry>....</policy-zone-context-entry>
</policy-zone-context>
```

Description Show policy zone context

<policy-zone-context>

Usage

```
<security-policies>
  <policy-zone-context>
    <policy-zone-context-entry>....</policy-zone-context-entry>
  </policy-zone-context>
</security-policies>
```

Description Show policy zone context

<policy-zone-context-entry>

Usage

```
<policy-zone-context>
  <policy-zone-context-entry>
    <policy-zone-context-from-zone>
      policy-zone-context-from-zone
    </policy-zone-context-from-zone>
    <policy-zone-context-to-zone>
      policy-zone-context-to-zone
    </policy-zone-context-to-zone>
    <policy-zone-context-policy-count>
      policy-zone-context-policy-count
    </policy-zone-context-policy-count>
  </policy-zone-context-entry>
</policy-zone-context>
```

Description Information about a context

<policy-zone-context-entry>

Usage

```
<security-policies>
  <policy-zone-context>
    <policy-zone-context-entry>
      <policy-zone-context-from-zone>
        policy-zone-context-from-zone
      </policy-zone-context-from-zone>
      <policy-zone-context-to-zone>
        policy-zone-context-to-zone
      </policy-zone-context-to-zone>
      <policy-zone-context-policy-count>
        policy-zone-context-policy-count
      </policy-zone-context-policy-count>
    </policy-zone-context-entry>
  </policy-zone-context>
</security-policies>
```

Description Information about a context

<prefixes>

Usage

```
<prefixes>
  <address-prefix>
    address-prefix
  </address-prefix>
</prefixes>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<destination-addresses>
  <destination-address>
    <prefixes>
      <address-prefix>
        address-prefix
      </address-prefix>
    </prefixes>
  </destination-address>
</destination-addresses>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<source-addresses>
  <source-address>
    <prefixes>
      <address-prefix>
        address-prefix
      </address-prefix>
    </prefixes>
  </source-address>
</source-addresses>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<policy-information>
  <source-addresses>
    <source-address>
      <prefixes>
        <address-prefix>
          address-prefix
        </address-prefix>
      </prefixes>
    </source-address>
  </source-addresses>
</policy-information>
```

Description IP prefixes for an address

<prefixes>

Usage

```

<policy-information>
  <destination-addresses>
    <destination-address>
      <prefixes>
        <address-prefix>
          address-prefix
        </address-prefix>
      </prefixes>
    </destination-address>
  </destination-addresses>
</policy-information>

```

Description IP prefixes for an address

<prefixes>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <source-addresses>
          <source-address>
            <prefixes>
              <address-prefix>
                address-prefix
              </address-prefix>
            </prefixes>
          </source-address>
        </source-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description IP prefixes for an address

<prefixes>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <destination-addresses>
          <destination-address>
            <prefixes>
              <address-prefix>
                address-prefix
              </address-prefix>
            </prefixes>
          </destination-address>
        </destination-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

```
        </address-prefix>
      </prefixes>
    </destination-address>
  </destination-addresses>
</policy-information>
</policies>
</security-context>
</security-policies>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<security-dynamic-policies>
<security-context>
  <policies>
    <policy-information>
      <source-addresses>
        <source-address>
          <prefixes>
            <address-prefix>
              address-prefix
            </address-prefix>
          </prefixes>
        </source-address>
      </source-addresses>
    </policy-information>
  </policies>
</security-context>
</security-dynamic-policies>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<security-dynamic-policies>
<security-context>
  <policies>
    <policy-information>
      <destination-addresses>
        <destination-address>
          <prefixes>
            <address-prefix>
              address-prefix
            </address-prefix>
          </prefixes>
        </destination-address>
      </destination-addresses>
    </policy-information>
  </policies>
</security-context>
```

```
</security-dynamic-policies>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<security-policy-match>
  <policy-information>
    <source-addresses>
      <source-address>
        <prefixes>
          <address-prefix>
            address-prefix
          </address-prefix>
        </prefixes>
      </source-address>
    </source-addresses>
  </policy-information>
</security-policy-match>
```

Description IP prefixes for an address

<prefixes>

Usage

```
<security-policy-match>
  <policy-information>
    <destination-addresses>
      <destination-address>
        <prefixes>
          <address-prefix>
            address-prefix
          </address-prefix>
        </prefixes>
      </destination-address>
    </destination-addresses>
  </policy-information>
</security-policy-match>
```

Description IP prefixes for an address

<program-number-range>

Usage

```
<applications>
  <application>
    <application-term>
      <rpc-information>
        <program-number-range>
          <low>
```

```
        low
      </low>
      <high>
        high
      </high>
    </program-number-range>
  </rpc-information>
</application-term>
</application>
</applications>
```

Description

<program-number-range>

Usage

```
<policy-information>
  <applications>
    <application>
      <application-term>
        <rpc-information>
          <program-number-range>
            <low>
              low
            </low>
            <high>
              high
            </high>
          </program-number-range>
        </rpc-information>
      </application-term>
    </application>
  </applications>
</policy-information>
```

Description

<program-number-range>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <rpc-information>
                <program-number-range>
                  <low>
                    low
                  </low>
                  <high>
                    high
                </high>
              </rpc-information>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```



```

        </high>
      </program-number-range>
    </rpc-information>
  </application-term>
</application>
</applications>
</policy-information>
</policies>
</security-context>
</security-policies>

```

Description

<program-number-range>

Usage

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <rpc-information>
                <program-number-range>
                  <low>
                    low
                  </low>
                  <high>
                    high
                  </high>
                </program-number-range>
              </rpc-information>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

Description

<program-number-range>

Usage

```

<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <rpc-information>
            <program-number-range>
              <low>

```

```
        low
      </low>
      <high>
        high
      </high>
    </program-number-range>
  </rpc-information>
</application-term>
</application>
</applications>
</policy-information>
</security-policy-match>
```

Description**<rpc-information>****Usage**

```
<applications>
  <application>
    <application-term>
      <rpc-information>
        <program-number-range>....</program-number-range>
        <rpc-uuid>
          rpc-uuid
        </rpc-uuid>
      </rpc-information>
    </application-term>
  </application>
</applications>
```

Description RPC type information

<rpc-information>**Usage**

```
<policy-information>
  <applications>
    <application>
      <application-term>
        <rpc-information>
          <program-number-range>....</program-number-range>
          <rpc-uuid>
            rpc-uuid
          </rpc-uuid>
        </rpc-information>
      </application-term>
    </application>
  </applications>
</policy-information>
```

Description RPC type information

<rpc-information>**Usage**

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <rpc-information>
                <program-number-range>....</program-number-range>
                <rpc-uuid>
                  rpc-uuid
                </rpc-uuid>
              </rpc-information>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description RPC type information

<rpc-information>**Usage**

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <rpc-information>
                <program-number-range>....</program-number-range>
                <rpc-uuid>
                  rpc-uuid
                </rpc-uuid>
              </rpc-information>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

Description RPC type information

<rpc-information>

Usage

```
<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <rpc-information>
            <program-number-range>....</program-number-range>
            <rpc-uuid>
              rpc-uuid
            </rpc-uuid>
          </rpc-information>
        </application-term>
      </application>
    </applications>
  </policy-information>
</security-policy-match>
```

Description RPC type information

<rule>

Usage

```
<policy-application-services>
  <application-firewall>
    <rule-set-info>
      <rule-set>
        <rule-list>
          <rule>
            <name>
              name
            </name>
            <dynamic-application-list>....</dynamic-application-list>
            <action>
              action
            </action>
          </rule>
        </rule-list>
      </rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>
```

Description Information of the rule

<rule>

Usage

```
<policy-information>
  <policy-application-services>
```

```

<application-firewall>
  <rule-set-info>
    <rule-set>
      <rule-list>
        <rule>
          <name>
            name
          </name>
          <dynamic-application-list>....</dynamic-application-list>
          <action>
            action
          </action>
        </rule>
      </rule-list>
    </rule-set>
  </rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>

```

Description Information of the rule

<rule>

Usage

```

<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <rule>
                    <name>
                      name
                    </name>
                    <dynamic-application-list>....</dynamic-application-list>
                    <action>
                      action
                    </action>
                  </rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>

```

Description Information of the rule

<rule>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <rule>
                    <name>
                      name
                    </name>
                    <dynamic-application-list>....</dynamic-application-list>
                    <action>
                      action
                    </action>
                  </rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information of the rule

<rule>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>
          <rule-set>
            <rule-list>
              <rule>
                <name>
                  name
                </name>
                <dynamic-application-list>....</dynamic-application-list>
                <action>
                  action
                </action>
              </rule>
```

```

        </rule-list>
      </rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>
</policy-information>
</security-policy-match>

```

Description Information of the rule

<rule-list>

Usage

```

<policy-application-services>
  <application-firewall>
    <rule-set-info>
      <rule-set>
        <rule-list>
          <rule>....</rule>
          <default-rule>....</default-rule>
        </rule-list>
      </rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>

```

Description Information of all rules

<rule-list>

Usage

```

<policy-information>
  <policy-application-services>
    <application-firewall>
      <rule-set-info>
        <rule-set>
          <rule-list>
            <rule>....</rule>
            <default-rule>....</default-rule>
          </rule-list>
        </rule-set>
      </rule-set-info>
    </application-firewall>
  </policy-application-services>
</policy-information>

```

Description Information of all rules

<rule-list>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <rule>....</rule>
                  <default-rule>....</default-rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information of all rules

<rule-list>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <rule-list>
                  <rule>....</rule>
                  <default-rule>....</default-rule>
                </rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information of all rules

<rule-list>**Usage**

```

<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>
          <rule-set>
            <rule-list>
              <rule>....</rule>
              <default-rule>....</default-rule>
            </rule-list>
          </rule-set>
        </rule-set-info>
      </application-firewall>
    </policy-application-services>
  </policy-information>
</security-policy-match>

```

Description Information of all rules

<rule-set>**Usage**

```

<policy-application-services>
  <application-firewall>
    <rule-set-info>
      <rule-set>
        <name>
          name
        </name>
        <rule-list>....</rule-list>
      </rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>

```

Description

<rule-set>**Usage**

```

<policy-information>
  <policy-application-services>
    <application-firewall>
      <rule-set-info>
        <rule-set>
          <name>
            name
          </name>
          <rule-list>....</rule-list>
        </rule-set>
      </rule-set-info>
    </policy-application-services>
  </policy-information>

```

```
</rule-set-info>
</application-firewall>
</policy-application-services>
</policy-information>
```

Description

<rule-set>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <name>
                  name
                </name>
                <rule-list>....</rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description

<rule-set>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>
                <name>
                  name
                </name>
                <rule-list>....</rule-list>
              </rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
```

```

</security-context>
</security-dynamic-policies>

```

Description**<rule-set>****Usage**

```

<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>
          <rule-set>
            <name>
              name
            </name>
            <rule-list>....</rule-list>
          </rule-set>
        </rule-set-info>
      </application-firewall>
    </policy-application-services>
  </policy-information>
</security-policy-match>

```

Description**<rule-set-info>****Usage**

```

<policy-application-services>
  <application-firewall>
    <rule-set-info>
      <rule-set>....</rule-set>
    </rule-set-info>
  </application-firewall>
</policy-application-services>

```

Description Information of the rule-set

<rule-set-info>**Usage**

```

<policy-information>
  <policy-application-services>
    <application-firewall>
      <rule-set-info>
        <rule-set>....</rule-set>
      </rule-set-info>
    </application-firewall>
  </policy-application-services>
</policy-information>

```

Description Information of the rule-set

<rule-set-info>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>....</rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Information of the rule-set

<rule-set-info>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <application-firewall>
            <rule-set-info>
              <rule-set>....</rule-set>
            </rule-set-info>
          </application-firewall>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```

Description Information of the rule-set

<rule-set-info>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <application-firewall>
        <rule-set-info>
```

```

        <rule-set>....</rule-set>
      </rule-set-info>
    </application-firewall>
  </policy-application-services>
</policy-information>
</security-policy-match>

```

Description Information of the rule-set

<security-context>

Usage

```

<security-policies>
  <security-context>
    <context-information>....</context-information>
    <policies>....</policies>
  </security-context>
</security-policies>

```

Description Information about the security context

<security-context>

Usage

```

<security-dynamic-policies>
  <security-context>
    <context-information>....</context-information>
    <policies>....</policies>
  </security-context>
</security-dynamic-policies>

```

Description Information about the security context

<security-dynamic-policies>

Usage

```

<security-dynamic-policies>
  <security-context>....</security-context>
</security-dynamic-policies>

```

Description Information about security dynamic policies

<security-policies>

Usage

```

<security-policies>
  <default-policy>
    default-policy
  </default-policy>
  <security-context>....</security-context>

```

```
<policy-internal-information>....</policy-internal-information>
<policy-zone-context>....</policy-zone-context>
</security-policies>
```

Description Information about security policies

<security-policy-match>

Usage

```
<security-policy-match>
<policy-information>....</policy-information>
</security-policy-match>
```

Description Find policy match for a given traffic

<source-address>

Usage

```
<source-addresses>
<source-address>
<address-name>
  address-name
</address-name>
<prefixes>....</prefixes>
</source-address>
</source-addresses>
```

Description Information about a source address

<source-address>

Usage

```
<policy-information>
<source-addresses>
<source-address>
<address-name>
  address-name
</address-name>
<prefixes>....</prefixes>
</source-address>
</source-addresses>
</policy-information>
```

Description Information about a source address

<source-address>

Usage

```
<security-policies>
<security-context>
```

```

<policies>
  <policy-information>
    <source-addresses>
      <source-address>
        <address-name>
          address-name
        </address-name>
        <prefixes>....</prefixes>
      </source-address>
    </source-addresses>
  </policy-information>
</policies>
</security-context>
</security-policies>

```

Description Information about a source address

<source-address>

Usage

```

<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <source-addresses>
          <source-address>
            <address-name>
              address-name
            </address-name>
            <prefixes>....</prefixes>
          </source-address>
        </source-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>

```

Description Information about a source address

<source-address>

Usage

```

<security-policy-match>
  <policy-information>
    <source-addresses>
      <source-address>
        <address-name>
          address-name
        </address-name>
        <prefixes>....</prefixes>
      </source-address>
    </source-addresses>
  </policy-information>

```

</security-policy-match>

Description Information about a source address

<source-addresses>

Usage

```
<source-addresses>
  <source-address>....</source-address>
</source-addresses>
```

Description

<source-addresses>

Usage

```
<policy-information>
  <source-addresses>
    <source-address>....</source-address>
  </source-addresses>
</policy-information>
```

Description

<source-addresses>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <source-addresses>
          <source-address>....</source-address>
        </source-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description

<source-addresses>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <source-addresses>
          <source-address>....</source-address>
        </source-addresses>
      </policy-information>
    </policies>
  </security-context>
</security-dynamic-policies>
```



```

</policies>
</security-context>
</security-dynamic-policies>

```

Description**<source-addresses>****Usage**

```

<security-policy-match>
  <policy-information>
    <source-addresses>
      <source-address>....</source-address>
    </source-addresses>
  </policy-information>
</security-policy-match>

```

Description**<source-port-range>****Usage**

```

<applications>
  <application>
    <application-term>
      <source-port-range>
        <low>
          low
        </low>
        <high>
          high
        </high>
      </source-port-range>
    </application-term>
  </application>
</applications>

```

Description Range of the source ports

<source-port-range>**Usage**

```

<policy-information>
  <applications>
    <application>
      <application-term>
        <source-port-range>
          <low>
            low
          </low>
          <high>
            high
          </high>
        </source-port-range>
      </application-term>
    </application>
  </applications>

```

```
        </source-port-range>
      </application-term>
    </application>
  </applications>
</policy-information>
```

Description Range of the source ports

<source-port-range>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <source-port-range>
                <low>
                  low
                </low>
                <high>
                  high
                </high>
              </source-port-range>
            </application-term>
          </application>
        </applications>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Range of the source ports

<source-port-range>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <applications>
          <application>
            <application-term>
              <source-port-range>
                <low>
                  low
                </low>
                <high>
                  high
                </high>
```

```

        </source-port-range>
      </application-term>
    </application>
  </applications>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>

```

Description Range of the source ports

<source-port-range>

Usage

```

<security-policy-match>
  <policy-information>
    <applications>
      <application>
        <application-term>
          <source-port-range>
            <low>
              low
            </low>
            <high>
              high
            </high>
          </source-port-range>
        </application-term>
      </application>
    </applications>
  </policy-information>
</security-policy-match>

```

Description Range of the source ports

<wx-optimizer>

Usage

```

<policy-application-services>
  <wx-optimizer>
    <profile-name>
      profile-name
    </profile-name>
    <service-options>
      service-options
    </service-options>
  </wx-optimizer>
</policy-application-services>

```

Description Wan-optimizer configuration

<wx-optimizer>

Usage

```
<policy-information>
  <policy-application-services>
    <wx-optimizer>
      <profile-name>
        profile-name
      </profile-name>
      <service-options>
        service-options
      </service-options>
    </wx-optimizer>
  </policy-application-services>
</policy-information>
```

Description Wan-optimizer configuration

<wx-optimizer>

Usage

```
<security-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <wx-optimizer>
            <profile-name>
              profile-name
            </profile-name>
            <service-options>
              service-options
            </service-options>
          </wx-optimizer>
        </policy-application-services>
      </policy-information>
    </policies>
  </security-context>
</security-policies>
```

Description Wan-optimizer configuration

<wx-optimizer>

Usage

```
<security-dynamic-policies>
  <security-context>
    <policies>
      <policy-information>
        <policy-application-services>
          <wx-optimizer>
            <profile-name>
```

```
        profile-name
      </profile-name>
    <service-options>
      service-options
    </service-options>
  </wx-optimizer>
</policy-application-services>
</policy-information>
</policies>
</security-context>
</security-dynamic-policies>
```

Description Wan-optimizer configuration

<wx-optimizer>

Usage

```
<security-policy-match>
  <policy-information>
    <policy-application-services>
      <wx-optimizer>
        <profile-name>
          profile-name
        </profile-name>
        <service-options>
          service-options
        </service-options>
      </wx-optimizer>
    </policy-application-services>
  </policy-information>
</security-policy-match>
```

Description Wan-optimizer configuration

Summary of SMTP Response Tags

<smtp-client-service-status>

Usage

```
<smtp-statistics>
  <smtp-client-service-status>
    <service-status>
      service-status
    </service-status>
  </smtp-client-service-status>
</smtp-statistics>
```

Description SMTP mail client service status information

<smtp-config-servers-information>

Usage

```
<smtp-config-servers-information>
  <smtp-servers>....</smtp-servers>
</smtp-config-servers-information>
```

Description Information about configured smtp servers

<smtp-queue-statistics>

Usage

```
<smtp-statistics>
  <smtp-queue-statistics>
    <high-priority-message-queued>
      high-priority-message-queued
    </high-priority-message-queued>
    <med-priority-message-queued>
      med-priority-message-queued
    </med-priority-message-queued>
    <low-priority-message-queued>
      low-priority-message-queued
    </low-priority-message-queued>
  </smtp-queue-statistics>
</smtp-statistics>
```

Description Informatin about the message queues

<smtp-send-statistics>

Usage

```
<smtp-statistics>
  <smtp-send-statistics>
    <num_payload_send_requested>
      num_payload_send_requested
    </num_payload_send_requested>
    <num_payload_sent>
      num_payload_sent
    </num_payload_sent>
    <num_payload_dropped>
      num_payload_dropped
    </num_payload_dropped>
  </smtp-send-statistics>
</smtp-statistics>
```

Description SMTP Client Service Statistics

<smtp-servers>

Usage

```
<smtp-config-servers-information>
```

```
<smtp-servers>
  <smtp-server-address>
    smtp-server-address
  </smtp-server-address>
  <account-email>
    account-email
  </account-email>
  <server_idle_status>
    server_idle_status
  </server_idle_status>
</smtp-servers>
</smtp-config-servers-information>
```

Description Information on a configured SMTP server

<smtp-statistics>

Usage

```
<smtp-statistics>
  <smtp-client-service-status>....</smtp-client-service-status>
  <smtp-queue-statistics>....</smtp-queue-statistics>
  <smtp-send-statistics>....</smtp-send-statistics>
</smtp-statistics>
```

Description

Summary of SPU Monitoring Response Tags ---

<spu-monitoring-information>

Usage

```
<spu-monitoring-information>
  <spu-utilization-statistics>....</spu-utilization-statistics>
</spu-monitoring-information>
```

Description

<spu-utilization-statistics>

Usage

```
<spu-monitoring-information>
  <spu-utilization-statistics>
    <fpc-number>
      fpc-number
    </fpc-number>
    <pic-number>
      pic-number
    </pic-number>
    <spu-cpu-utilization>
      spu-cpu-utilization
    </spu-cpu-utilization>
    <spu-memory-utilization>
```

```
    spu-memory-utilization
  </spu-memory-utilization>
  <spu-current-flow-session>
    spu-current-flow-session
  </spu-current-flow-session>
  <spu-max-flow-session>
    spu-max-flow-session
  </spu-max-flow-session>
  <spu-current-cp-session>
    spu-current-cp-session
  </spu-current-cp-session>
  <spu-max-cp-session>
    spu-max-cp-session
  </spu-max-cp-session>
  <session-cps>
    session-cps
  </session-cps>
  <session-cps2>
    session-cps2
  </session-cps2>
</spu-utilization-statistics>
</spu-monitoring-information>
```

Description

Summary of SPU Performance Response Tags ---

<performance-arena-information>

Usage

```
<performance-arena-information>
  <performance-arena-statistics>....</performance-arena-statistics>
</performance-arena-information>
```

Description

<performance-arena-statistics>

Usage

```
<performance-arena-information>
  <performance-arena-statistics>
    <fpc-number>
      fpc-number
    </fpc-number>
    <pic-number>
      pic-number
    </pic-number>
    <performance-info>
      performance-info
    </performance-info>
  </performance-arena-statistics>
</performance-arena-information>
```


Description**<performance-heap-information>****Usage**

```
<performance-heap-information>
  <performance-heap-statistics>....</performance-heap-statistics>
</performance-heap-information>
```

Description**<performance-heap-statistics>****Usage**

```
<performance-heap-information>
  <performance-heap-statistics>
    <fpc-number>
      fpc-number
    </fpc-number>
    <pic-number>
      pic-number
    </pic-number>
    <performance-info>
      performance-info
    </performance-info>
  </performance-heap-statistics>
</performance-heap-information>
```

Description**<performance-session-information>****Usage**

```
<performance-session-information>
  <performance-session-statistics>....</performance-session-statistics>
</performance-session-information>
```

Description**<performance-session-statistics>****Usage**

```
<performance-session-information>
  <performance-session-statistics>
    <fpc-number>
      fpc-number
    </fpc-number>
    <pic-number>
      pic-number
    </pic-number>
    <performance-info>
      performance-info
    </performance-info>
  </performance-session-statistics>
```

</performance-session-information>

Description

<performance-spu-information>

Usage

```
<performance-spu-information>
  <performance-spu-statistics>....</performance-spu-statistics>
</performance-spu-information>
```

Description

<performance-spu-statistics>

Usage

```
<performance-spu-information>
  <performance-spu-statistics>
    <fpc-number>
      fpc-number
    </fpc-number>
    <pic-number>
      pic-number
    </pic-number>
    <performance-info>
      performance-info
    </performance-info>
  </performance-spu-statistics>
</performance-spu-information>
```

Description

Summary of Telephony Gateway Module Response Tags

<dynamic-cac-information>

Usage

```
<dynamic-cac-information>
  <dynamic-cac-interface-name>
    dynamic-cac-interface-name
  </dynamic-cac-interface-name>
  <dynamic-cac-interface-state>
    dynamic-cac-interface-state
  </dynamic-cac-interface-state>
  <dynamic-cac-activation-priority>
    dynamic-cac-activation-priority
  </dynamic-cac-activation-priority>
  <dynamic-cac-bbl>
    dynamic-cac-bbl
  </dynamic-cac-bbl>
</dynamic-cac-information>
```

Description Information about dynamic call admission control

<dynamic-cac-information>

Usage

```
<tgmdynamic-cac-list>
  <dynamic-cac-information>
    <dynamic-cac-interface-name>
      dynamic-cac-interface-name
    </dynamic-cac-interface-name>
    <dynamic-cac-interface-state>
      dynamic-cac-interface-state
    </dynamic-cac-interface-state>
    <dynamic-cac-activation-priority>
      dynamic-cac-activation-priority
    </dynamic-cac-activation-priority>
    <dynamic-cac-bbl>
      dynamic-cac-bbl
    </dynamic-cac-bbl>
  </dynamic-cac-information>
</tgmdynamic-cac-list>
```

Description Information about dynamic call admission control

<dynamic-cac-information>

Usage

```
<tgmdynamic-cac-information>
  <tgmdynamic-cac-list>
    <dynamic-cac-information>
      <dynamic-cac-interface-name>
        dynamic-cac-interface-name
      </dynamic-cac-interface-name>
      <dynamic-cac-interface-state>
        dynamic-cac-interface-state
      </dynamic-cac-interface-state>
      <dynamic-cac-activation-priority>
        dynamic-cac-activation-priority
      </dynamic-cac-activation-priority>
      <dynamic-cac-bbl>
        dynamic-cac-bbl
      </dynamic-cac-bbl>
    </dynamic-cac-information>
  </tgmdynamic-cac-list>
</tgmdynamic-cac-information>
```

Description Information about dynamic call admission control

<media-gateway-controller-configuration>

Usage

```
<tgminformation>
```

```
<media-gateway-controller-configuration>
  <media-gateway-controller>
    media-gateway-controller
  </media-gateway-controller>
</media-gateway-controller-configuration>
</tgm-information>
```

Description Information about a telephony gateway module (TGM) media gateway controller

<telephony-interface-module-status>

Usage

```
<telephony-interface-module-status>
  <slot>
    slot
  </slot>
  <tim-state>
    tim-state
  </tim-state>
  <offline-reason>
    offline-reason
  </offline-reason>
</telephony-interface-module-status>
```

Description Status of the telephony interface modules

<telephony-interface-module-status>

Usage

```
<telephony-interface-module-status-information>
  <telephony-interface-module-status>
    <slot>
      slot
    </slot>
    <tim-state>
      tim-state
    </tim-state>
    <offline-reason>
      offline-reason
    </offline-reason>
  </telephony-interface-module-status>
</telephony-interface-module-status-information>
```

Description Status of the telephony interface modules

<telephony-interface-module-status-information>

Usage

```
<telephony-interface-module-status-information>
  <telephony-interface-module-status>....</telephony-interface-module-status>
```

<tgmdspcapacityinformation>

```
<tgmdsp-capacity-information>
  <dsp-capacity>
    dsp-capacity
  </dsp-capacity>
</tgmdsp-capacity-information>
```

<tgm-dynamic-cac-information>

```
<tgmdynamiccacinformation>
  <tgmdynamiccacreportedbearerbandwidthlimit>
    tgmdynamiccacreportedbearerbandwidthlimit
  </tgmdynamiccacreportedbearerbandwidthlimit>
  <tgmdynamiccacreportlist>....</tgmdynamiccacreportlist>
</tgmdynamiccacinformation>
```

<tgmdynamiccaclist>

```
<tgmdynamiccaclist>
  <dynamiccacinformation>....</dynamiccacinformation>
</tgmdynamiccaclist>
```

<tgmdynamiccaclist>

```
<tgmdynamiccacinformation>
  <tgmdynamiccaclist>
    <dynamiccacinformation>....</dynamiccacinformation>
  </tgmdynamiccaclist>
</tgmdynamiccacinformation>
```

7505

<tgmm-information>

Usage

```
<tgmm-information>
<media-gateway-controller-configuration>....</media-gateway-controller-configuration>
</tgmm-information>
```

Description

Summary of Unified Access Control Response Tags

<authentication-table>

Usage

```
<authentication-table>
<entry>....</entry>
<total-users>
  total-users
</total-users>
</authentication-table>
```

Description Authentication table

<entry>

Usage

```
<authentication-table>
<entry>
  <id>
    id
  </id>
  <source>
    source
  </source>
  <username>
    username
  </username>
  <age>
    age
  </age>
  <roles>....</roles>
</entry>
</authentication-table>
```

Description Authentication entry information

<infranet-controller>

Usage

```
<infranet-controllers>
  <infranet-controller>
    <host-name>
      host-name
    </host-name>
    <address>
      address
    </address>
    <port>
      port
    </port>
    <interface>
      interface
    </interface>
    <connection-state>
      connection-state
    </connection-state>
  </infranet-controller>
</infranet-controllers>
```

Description Infranet controller connection information

<infranet-controllers>

Usage

```
<infranet-controllers>
  <infranet-controller>....</infranet-controller>
</infranet-controllers>
```

Description Infranet controllers

<policy>

Usage

```
<resource-access-policies>
  <policy>
    <id>
      id
    </id>
    <resources>....</resources>
    <policy-action>
      policy-action
    </policy-action>
    <apply>
      apply
    </apply>
    <roles>....</roles>
  </policy>
```

</resource-access-policies>

Description Resource access policy information

<resource-access-policies>

Usage

```
<resource-access-policies>
  <policy>....</policy>
  <total-policies>
    total-policies
  </total-policies>
</resource-access-policies>
```

Description Resource access policies

<resources>

Usage

```
<resource-access-policies>
  <policy>
    <resources>
      <resource>
        resource
      </resource>
    </resources>
  </policy>
</resource-access-policies>
```

Description Resource list

<role>

Usage

```
<role>
  <role-id>
    role-id
  </role-id>
  <role-name>
    role-name
  </role-name>
</role>
```

Description Role

<role>

Usage

```
<roles>
  <role>
```



```

<role-id>
  role-id
</role-id>
<role-name>
  role-name
</role-name>
</role>
</roles>

```

Description **Role**

<role>

Usage

```

<resource-access-policies>
  <policy>
    <roles>
      <role>
        <role-id>
          role-id
        </role-id>
        <role-name>
          role-name
        </role-name>
      </role>
    </roles>
  </policy>
</resource-access-policies>

```

Description **Role**

<role>

Usage

```

<authentication-table>
  <entry>
    <roles>
      <role>
        <role-id>
          role-id
        </role-id>
        <role-name>
          role-name
        </role-name>
      </role>
    </roles>
  </entry>
</authentication-table>

```

Description **Role**

<roles>

Usage

```
<roles>
  <role>....</role>
</roles>
```

Description Role list

<roles>

Usage

```
<resource-access-policies>
  <policy>
    <roles>
      <role>....</role>
    </roles>
  </policy>
</resource-access-policies>
```

Description Role list

<roles>

Usage

```
<authentication-table>
  <entry>
    <roles>
      <role>....</role>
    </roles>
  </entry>
</authentication-table>
```

Description Role list

Summary of Antispam Statistics Response Tags

<anti-spam>

Usage

```
<anti-spam>
  <anti-spam-statistics>....</anti-spam-statistics>
  <anti-spam-status>....</anti-spam-status>
</anti-spam>
```

Description Statistics of anti spam features

<anti-spam-clear>

Usage

```

<anti-spam-clear>
  <anti-spam-clear-result>
    anti-spam-clear-result
  </anti-spam-clear-result>
</anti-spam-clear>

```

Description UTM anti-spam clear result

<anti-spam-statistics>

Usage

```

<anti-spam>
  <anti-spam-statistics>
    <total-connections>
      total-connections
    </total-connections>
    <denied-connections>
      denied-connections
    </denied-connections>
    <total-greetings>
      total-greetings
    </total-greetings>
    <denied-greetings>
      denied-greetings
    </denied-greetings>
    <total-emails-scanned>
      total-emails-scanned
    </total-emails-scanned>
    <as-white-list-hit>
      as-white-list-hit
    </as-white-list-hit>
    <as-black-list-hit>
      as-black-list-hit
    </as-black-list-hit>
    <spam-total>
      spam-total
    </spam-total>
    <spam-tagged>
      spam-tagged
    </spam-tagged>
    <spam-dropped>
      spam-dropped
    </spam-dropped>
    <dns-errors>
      dns-errors
    </dns-errors>
    <timeout-errors>
      timeout-errors
    </timeout-errors>
    <return-errors>
      return-errors
  </anti-spam-statistics>
</anti-spam>

```

```
</return-errors>
<invalid-parameter-errors>
  invalid-parameter-errors
</invalid-parameter-errors>
<statistics-start-time>
  statistics-start-time
</statistics-start-time>
<statistics-last-10-days>....</statistics-last-10-days>
</anti-spam-statistics>
</anti-spam>
```

Description Anti-spam statistics

<anti-spam-status>

Usage

```
<anti-spam>
  <anti-spam-status>
    <dns-server-setting>....</dns-server-setting>
  </anti-spam-status>
</anti-spam>
```

Description Anti-Spam status

<anti-spam-test>

Usage

```
<anti-spam-test>
  <anti-spam-test-result>
    anti-spam-test-result
  </anti-spam-test-result>
</anti-spam-test>
```

Description UTM anti-spam test results

<anti-virus>

Usage

```
<anti-virus>
  <anti-virus-statistics>....</anti-virus-statistics>
  <anti-virus-status>....</anti-virus-status>
  <sophos-anti-virus-status>....</sophos-anti-virus-status>
  <anti-virus-statistics-details>....</anti-virus-statistics-details>
</anti-virus>
```

Description Statistics of anti virus features

<anti-virus-clear>**Usage**

```

<anti-virus-clear>
  <anti-virus-clear-result>
    anti-virus-clear-result
  </anti-virus-clear-result>
</anti-virus-clear>

```

Description UTM anti-virus clear result

<anti-virus-request-update>**Usage**

```

<anti-virus-request-update>
  <anti-virus-request-update-result>
    anti-virus-request-update-result
  </anti-virus-request-update-result>
</anti-virus-request-update>

```

Description UTM anti-virus request update

<anti-virus-statistics>**Usage**

```

<anti-virus>
  <anti-virus-statistics>
    <forward-to-scan-engine>
      forward-to-scan-engine
    </forward-to-scan-engine>
    <scan-intelligent>
      scan-intelligent
    </scan-intelligent>
    <skip-mime>
      skip-mime
    </skip-mime>
    <url-white>
      url-white
    </url-white>
    <scan-mode>....</scan-mode>
    <scan-code>....</scan-code>
    <scan-request>....</scan-request>
    <fall-back>....</fall-back>
    <fall-back-permit>....</fall-back-permit>
  </anti-virus-statistics>
</anti-virus>

```

Description Anti-virus statistics

<anti-virus-statistics-details>

Usage

```
<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-http>....</anti-virus-statistics-details-http>
    <anti-virus-statistics-details-ftp>....</anti-virus-statistics-details-ftp>
    <anti-virus-statistics-details-smtp>....</anti-virus-statistics-details-smtp>
    <anti-virus-statistics-details-pop3>....</anti-virus-statistics-details-pop3>
    <anti-virus-statistics-details-imap>....</anti-virus-statistics-details-imap>
  </anti-virus-statistics-details>
</anti-virus>
```

Description

<anti-virus-statistics-details-ftp>

Usage

```
<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-ftp>
      <ftp-scan-request>....</ftp-scan-request>
      <ftp-fallback-request-no-permit>....</ftp-fallback-request-no-permit>
      <ftp-fallback-request>....</ftp-fallback-request>
    </anti-virus-statistics-details-ftp>
  </anti-virus-statistics-details>
</anti-virus>
```

Description

<anti-virus-statistics-details-http>

Usage

```
<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-http>
      <http-mime-whitelist-passed>
        http-mime-whitelist-passed
      </http-mime-whitelist-passed>
      <http-url-whitelist-passed>
        http-url-whitelist-passed
      </http-url-whitelist-passed>
      <http-scan-request>....</http-scan-request>
      <http-fallback-request-no-permit>....</http-fallback-request-no-permit>
      <http-fallback-request>....</http-fallback-request>
    </anti-virus-statistics-details-http>
  </anti-virus-statistics-details>
</anti-virus>
```

Description

<anti-virus-statistics-details-imap>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-imap>
      <imap-scan-request>....</imap-scan-request>
      <imap-fallback-request-no-permit>....</imap-fallback-request-no-permit>
      <imap-fallback-request>....</imap-fallback-request>
    </anti-virus-statistics-details-imap>
  </anti-virus-statistics-details>
</anti-virus>

```

Description

<anti-virus-statistics-details-pop3>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-pop3>
      <pop3-scan-request>....</pop3-scan-request>
      <pop3-fallback-request-no-permit>....</pop3-fallback-request-no-permit>
      <pop3-fallback-request>....</pop3-fallback-request>
    </anti-virus-statistics-details-pop3>
  </anti-virus-statistics-details>
</anti-virus>

```

Description

<anti-virus-statistics-details-smtp>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-smtp>
      <smtp-scan-request>....</smtp-scan-request>
      <smtp-fallback-request-no-permit>....</smtp-fallback-request-no-permit>
      <smtp-fallback-request>....</smtp-fallback-request>
    </anti-virus-statistics-details-smtp>
  </anti-virus-statistics-details>
</anti-virus>

```

Description

<anti-virus-status>

Usage

```

<anti-virus>
  <anti-virus-status>
    <anti-virus-key-expire-date>
      anti-virus-key-expire-date
    </anti-virus-key-expire-date>

```

```
<anti-virus-update-url>
  anti-virus-update-url
</anti-virus-update-url>
<anti-virus-update-interval>
  anti-virus-update-interval
</anti-virus-update-interval>
<anti-virus-update-status>
  anti-virus-update-status
</anti-virus-update-status>
<anti-virus-update-result>
  anti-virus-update-result
</anti-virus-update-result>
<anti-virus-signature-version>
  anti-virus-signature-version
</anti-virus-signature-version>
<anti-virus-compiler-version>
  anti-virus-compiler-version
</anti-virus-compiler-version>
<anti-virus-scan-engine-type>
  anti-virus-scan-engine-type
</anti-virus-scan-engine-type>
<anti-virus-scan-engine-information>
  anti-virus-scan-engine-information
</anti-virus-scan-engine-information>
<anti-virus-status-detail>
  anti-virus-status-detail
</anti-virus-status-detail>
</anti-virus-status>
</anti-virus>
```

Description Anti-virus status

<anti-virus-test>

Usage

```
<anti-virus-test>
  <anti-virus-test-result>
    anti-virus-test-result
  </anti-virus-test-result>
</anti-virus-test>
```

Description UTM anti-virus test results

<clear-content-filter>

Usage

```
<clear-content-filter>
  <clear-content-filter-result>
    clear-content-filter-result
  </clear-content-filter-result>
</clear-content-filter>
```


Description UTM content-filter clear result

<content-filtering>

Usage

```
<content-filtering>
  <content-filtering-statistics>....</content-filtering-statistics>
  <content-filtering-status>....</content-filtering-status>
</content-filtering>
```

Description Statistics of content-filtering features

<content-filtering-statistics>

Usage

```
<content-filtering>
  <content-filtering-statistics>
    <passed-blocked>....</passed-blocked>
  </content-filtering-statistics>
</content-filtering>
```

Description Content-filtering statistics

<content-filtering-status>

Usage

```
<content-filtering>
  <content-filtering-status>
    <content-filtering-status-value>
      content-filtering-status-value
    </content-filtering-status-value>
    <content-filtering-profile-name>
      content-filtering-profile-name
    </content-filtering-profile-name>
  </content-filtering-status>
</content-filtering>
```

Description Content-filtering status

<dns-server-setting>

Usage

```
<anti-spam>
  <anti-spam-status>
    <dns-server-setting>
      <primary>
        primary
      </primary>
      <primary-source-interface>
        primary-source-interface
      </primary-source-interface>
```

```
<secondary>
  secondary
</secondary>
<secondary-source-interface>
  secondary-source-interface
</secondary-source-interface>
<ternary>
  ternary
</ternary>
<ternary-source-interface>
  ternary-source-interface
</ternary-source-interface>
</dns-server-setting>
</anti-spam-status>
</anti-spam>
```

Description

<fall-back>

Usage

```
<anti-virus>
<anti-virus-statistics>
  <fall-back>
    <engine-not-ready-log-and-permit>
      engine-not-ready-log-and-permit
    </engine-not-ready-log-and-permit>
    <engine-not-ready-block>
      engine-not-ready-block
    </engine-not-ready-block>
    <password-log-and-permit>
      password-log-and-permit
    </password-log-and-permit>
    <password-block>
      password-block
    </password-block>
    <decompress-layer-log-and-permit>
      decompress-layer-log-and-permit
    </decompress-layer-log-and-permit>
    <decompress-layer-block>
      decompress-layer-block
    </decompress-layer-block>
    <corrupted-file-log-and-permit>
      corrupted-file-log-and-permit
    </corrupted-file-log-and-permit>
    <corrupted-file-block>
      corrupted-file-block
    </corrupted-file-block>
    <out-of-resource-log-and-permit>
      out-of-resource-log-and-permit
    </out-of-resource-log-and-permit>
    <out-of-resource-block>
      out-of-resource-block
    </out-of-resource-block>
  <timeout-log-and-permit>
```

```

        timeout-log-and-permit
    </timeout-log-and-permit>
    <timeout-block>
        timeout-block
    </timeout-block>
    <maximum-content-size-log-and-permit>
        maximum-content-size-log-and-permit
    </maximum-content-size-log-and-permit>
    <maximum-content-size-block>
        maximum-content-size-block
    </maximum-content-size-block>
    <too-many-requests-log-and-permit>
        too-many-requests-log-and-permit
    </too-many-requests-log-and-permit>
    <too-many-requests-block>
        too-many-requests-block
    </too-many-requests-block>
    <others-log-and-permit>
        others-log-and-permit
    </others-log-and-permit>
    <others-block>
        others-block
    </others-block>
    </fall-back>
</anti-virus-statistics>
</anti-virus>

```

Description Anti-virus fallback results

<fall-back-permit>

Usage

```

<anti-virus>
  <anti-virus-statistics>
    <fall-back-permit>
      <engine-not-ready-log-and-permit>
        engine-not-ready-log-and-permit
      </engine-not-ready-log-and-permit>
      <engine-not-ready-permit>
        engine-not-ready-permit
      </engine-not-ready-permit>
      <engine-not-ready-block>
        engine-not-ready-block
      </engine-not-ready-block>
      <password-log-and-permit>
        password-log-and-permit
      </password-log-and-permit>
      <password-permit>
        password-permit
      </password-permit>
      <password-block>
        password-block
      </password-block>
      <decompress-layer-log-and-permit>

```

```
    decompress-layer-log-and-permit
  </decompress-layer-log-and-permit>
  <decompress-layer-permit>
    decompress-layer-permit
  </decompress-layer-permit>
  <decompress-layer-block>
    decompress-layer-block
  </decompress-layer-block>
  <corrupted-file-log-and-permit>
    corrupted-file-log-and-permit
  </corrupted-file-log-and-permit>
  <corrupted-file-permit>
    corrupted-file-permit
  </corrupted-file-permit>
  <corrupted-file-block>
    corrupted-file-block
  </corrupted-file-block>
  <out-of-resource-log-and-permit>
    out-of-resource-log-and-permit
  </out-of-resource-log-and-permit>
  <out-of-resource-permit>
    out-of-resource-permit
  </out-of-resource-permit>
  <out-of-resource-block>
    out-of-resource-block
  </out-of-resource-block>
  <timeout-log-and-permit>
    timeout-log-and-permit
  </timeout-log-and-permit>
  <timeout-permit>
    timeout-permit
  </timeout-permit>
  <timeout-block>
    timeout-block
  </timeout-block>
  <maximum-content-size-log-and-permit>
    maximum-content-size-log-and-permit
  </maximum-content-size-log-and-permit>
  <maximum-content-size-permit>
    maximum-content-size-permit
  </maximum-content-size-permit>
  <maximum-content-size-block>
    maximum-content-size-block
  </maximum-content-size-block>
  <too-many-requests-log-and-permit>
    too-many-requests-log-and-permit
  </too-many-requests-log-and-permit>
  <too-many-requests-permit>
    too-many-requests-permit
  </too-many-requests-permit>
  <too-many-requests-block>
    too-many-requests-block
  </too-many-requests-block>
  <others-log-and-permit>
    others-log-and-permit
  </others-log-and-permit>
```

```

<others-permit>
  others-permit
</others-permit>
<others-block>
  others-block
</others-block>
</fall-back-permit>
</anti-virus-statistics>
</anti-virus>

```

Description Anti-virus fallback results

<ftp-fallback-request>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-ftp>
      <ftp-fallback-request>
        <ftp-fallback-engine-not-ready-log-permit>
          ftp-fallback-engine-not-ready-log-permit
        </ftp-fallback-engine-not-ready-log-permit>
        <ftp-fallback-engine-not-ready-block>
          ftp-fallback-engine-not-ready-block
        </ftp-fallback-engine-not-ready-block>
        <ftp-fallback-engine-not-ready-permit>
          ftp-fallback-engine-not-ready-permit
        </ftp-fallback-engine-not-ready-permit>
        <ftp-fallback-out-resource-log-permit>
          ftp-fallback-out-resource-log-permit
        </ftp-fallback-out-resource-log-permit>
        <ftp-fallback-out-resource-block>
          ftp-fallback-out-resource-block
        </ftp-fallback-out-resource-block>
        <ftp-fallback-out-resource-permit>
          ftp-fallback-out-resource-permit
        </ftp-fallback-out-resource-permit>
        <ftp-fallback-timeout-log-permit>
          ftp-fallback-timeout-log-permit
        </ftp-fallback-timeout-log-permit>
        <ftp-fallback-timeout-block>
          ftp-fallback-timeout-block
        </ftp-fallback-timeout-block>
        <ftp-fallback-timeout-permit>
          ftp-fallback-timeout-permit
        </ftp-fallback-timeout-permit>
        <ftp-fallback-maximum-content-size-log-permit>
          ftp-fallback-maximum-content-size-log-permit
        </ftp-fallback-maximum-content-size-log-permit>
        <ftp-fallback-maximum-content-size-block>
          ftp-fallback-maximum-content-size-block
        </ftp-fallback-maximum-content-size-block>
        <ftp-fallback-maximum-content-size-permit>
          ftp-fallback-maximum-content-size-permit
      </ftp-fallback-request>
    </anti-virus-statistics-details-ftp>
  </anti-virus-statistics-details>
</anti-virus>

```

```
</ftp-fallback-maximum-content-size-permit>
<ftp-fallback-too-many-requests-log-permit>
  ftp-fallback-too-many-requests-log-permit
</ftp-fallback-too-many-requests-log-permit>
<ftp-fallback-too-many-requests-block>
  ftp-fallback-too-many-requests-block
</ftp-fallback-too-many-requests-block>
<ftp-fallback-too-many-requests-permit>
  ftp-fallback-too-many-requests-permit
</ftp-fallback-too-many-requests-permit>
<ftp-fallback-others-log-permit>
  ftp-fallback-others-log-permit
</ftp-fallback-others-log-permit>
<ftp-fallback-others-block>
  ftp-fallback-others-block
</ftp-fallback-others-block>
<ftp-fallback-others-permit>
  ftp-fallback-others-permit
</ftp-fallback-others-permit>
</ftp-fallback-request>
</anti-virus-statistics-details-ftp>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<ftp-fallback-request-no-permit>

Usage

```
<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-ftp>
  <ftp-fallback-request-no-permit>
    <ftp-fallback-engine-not-ready-log-permit>
      ftp-fallback-engine-not-ready-log-permit
    </ftp-fallback-engine-not-ready-log-permit>
    <ftp-fallback-engine-not-ready-block>
      ftp-fallback-engine-not-ready-block
    </ftp-fallback-engine-not-ready-block>
    <ftp-fallback-engine-not-ready-permit>
      ftp-fallback-engine-not-ready-permit
    </ftp-fallback-engine-not-ready-permit>
    <ftp-fallback-out-resource-log-permit>
      ftp-fallback-out-resource-log-permit
    </ftp-fallback-out-resource-log-permit>
    <ftp-fallback-out-resource-block>
      ftp-fallback-out-resource-block
    </ftp-fallback-out-resource-block>
    <ftp-fallback-out-resource-permit>
      ftp-fallback-out-resource-permit
    </ftp-fallback-out-resource-permit>
    <ftp-fallback-timeout-log-permit>
      ftp-fallback-timeout-log-permit
    </ftp-fallback-timeout-log-permit>
    <ftp-fallback-timeout-block>
```

```

    ftp-fallback-timeout-block
  </ftp-fallback-timeout-block>
  <ftp-fallback-timeout-permit>
    ftp-fallback-timeout-permit
  </ftp-fallback-timeout-permit>
  <ftp-fallback-maximum-content-size-log-permit>
    ftp-fallback-maximum-content-size-log-permit
  </ftp-fallback-maximum-content-size-log-permit>
  <ftp-fallback-maximum-content-size-block>
    ftp-fallback-maximum-content-size-block
  </ftp-fallback-maximum-content-size-block>
  <ftp-fallback-maximum-content-size-permit>
    ftp-fallback-maximum-content-size-permit
  </ftp-fallback-maximum-content-size-permit>
  <ftp-fallback-too-many-requests-log-permit>
    ftp-fallback-too-many-requests-log-permit
  </ftp-fallback-too-many-requests-log-permit>
  <ftp-fallback-too-many-requests-block>
    ftp-fallback-too-many-requests-block
  </ftp-fallback-too-many-requests-block>
  <ftp-fallback-too-many-requests-permit>
    ftp-fallback-too-many-requests-permit
  </ftp-fallback-too-many-requests-permit>
  <ftp-fallback-others-log-permit>
    ftp-fallback-others-log-permit
  </ftp-fallback-others-log-permit>
  <ftp-fallback-others-block>
    ftp-fallback-others-block
  </ftp-fallback-others-block>
  <ftp-fallback-others-permit>
    ftp-fallback-others-permit
  </ftp-fallback-others-permit>
  </ftp-fallback-request-no-permit>
</anti-virus-statistics-details-ftp>
</anti-virus-statistics-details>
</anti-virus>

```

Description

<ftp-scan-request>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-ftp>
      <ftp-scan-request>
        <ftp-scan-request-total>
          ftp-scan-request-total
        </ftp-scan-request-total>
        <ftp-scan-request-clean>
          ftp-scan-request-clean
        </ftp-scan-request-clean>
        <ftp-scan-request-threat>
          ftp-scan-request-threat
        </ftp-scan-request-threat>
      </ftp-scan-request>
    </anti-virus-statistics-details-ftp>
  </anti-virus-statistics-details>
</anti-virus>

```

```
</ftp-scan-request>
</anti-virus-statistics-details-ftp>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<http-fallback-request>

Usage

```
<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-http>
<http-fallback-request>
  <http-fallback-engine-not-ready-log-permit>
    http-fallback-engine-not-ready-log-permit
  </http-fallback-engine-not-ready-log-permit>
  <http-fallback-engine-not-ready-block>
    http-fallback-engine-not-ready-block
  </http-fallback-engine-not-ready-block>
  <http-fallback-engine-not-ready-permit>
    http-fallback-engine-not-ready-permit
  </http-fallback-engine-not-ready-permit>
  <http-fallback-out-resource-log-permit>
    http-fallback-out-resource-log-permit
  </http-fallback-out-resource-log-permit>
  <http-fallback-out-resource-block>
    http-fallback-out-resource-block
  </http-fallback-out-resource-block>
  <http-fallback-out-resource-permit>
    http-fallback-out-resource-permit
  </http-fallback-out-resource-permit>
  <http-fallback-timeout-log-permit>
    http-fallback-timeout-log-permit
  </http-fallback-timeout-log-permit>
  <http-fallback-timeout-block>
    http-fallback-timeout-block
  </http-fallback-timeout-block>
  <http-fallback-timeout-permit>
    http-fallback-timeout-permit
  </http-fallback-timeout-permit>
  <http-fallback-maximum-content-size-log-permit>
    http-fallback-maximum-content-size-log-permit
  </http-fallback-maximum-content-size-log-permit>
  <http-fallback-maximum-content-size-block>
    http-fallback-maximum-content-size-block
  </http-fallback-maximum-content-size-block>
  <http-fallback-maximum-content-size-permit>
    http-fallback-maximum-content-size-permit
  </http-fallback-maximum-content-size-permit>
  <http-fallback-too-many-requests-log-permit>
    http-fallback-too-many-requests-log-permit
  </http-fallback-too-many-requests-log-permit>
  <http-fallback-too-many-requests-block>
    http-fallback-too-many-requests-block
```



```

</http-fallback-too-many-requests-block>
<http-fallback-too-many-requests-permit>
  http-fallback-too-many-requests-permit
</http-fallback-too-many-requests-permit>
<http-fallback-others-log-permit>
  http-fallback-others-log-permit
</http-fallback-others-log-permit>
<http-fallback-others-block>
  http-fallback-others-block
</http-fallback-others-block>
<http-fallback-others-permit>
  http-fallback-others-permit
</http-fallback-others-permit>
</http-fallback-request>
</anti-virus-statistics-details-http>
</anti-virus-statistics-details>
</anti-virus>

```

Description

<http-fallback-request-no-permit>

Usage

```

<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-http>
<http-fallback-request-no-permit>
<http-fallback-engine-not-ready-log-permit>
  http-fallback-engine-not-ready-log-permit
</http-fallback-engine-not-ready-log-permit>
<http-fallback-engine-not-ready-block>
  http-fallback-engine-not-ready-block
</http-fallback-engine-not-ready-block>
<http-fallback-engine-not-ready-permit>
  http-fallback-engine-not-ready-permit
</http-fallback-engine-not-ready-permit>
<http-fallback-out-resource-log-permit>
  http-fallback-out-resource-log-permit
</http-fallback-out-resource-log-permit>
<http-fallback-out-resource-block>
  http-fallback-out-resource-block
</http-fallback-out-resource-block>
<http-fallback-out-resource-permit>
  http-fallback-out-resource-permit
</http-fallback-out-resource-permit>
<http-fallback-timeout-log-permit>
  http-fallback-timeout-log-permit
</http-fallback-timeout-log-permit>
<http-fallback-timeout-block>
  http-fallback-timeout-block
</http-fallback-timeout-block>
<http-fallback-timeout-permit>
  http-fallback-timeout-permit
</http-fallback-timeout-permit>
<http-fallback-maximum-content-size-log-permit>

```

```
    http-fallback-maximum-content-size-log-permit
  </http-fallback-maximum-content-size-log-permit>
  <http-fallback-maximum-content-size-block>
    http-fallback-maximum-content-size-block
  </http-fallback-maximum-content-size-block>
  <http-fallback-maximum-content-size-permit>
    http-fallback-maximum-content-size-permit
  </http-fallback-maximum-content-size-permit>
  <http-fallback-too-many-requests-log-permit>
    http-fallback-too-many-requests-log-permit
  </http-fallback-too-many-requests-log-permit>
  <http-fallback-too-many-requests-block>
    http-fallback-too-many-requests-block
  </http-fallback-too-many-requests-block>
  <http-fallback-too-many-requests-permit>
    http-fallback-too-many-requests-permit
  </http-fallback-too-many-requests-permit>
  <http-fallback-others-log-permit>
    http-fallback-others-log-permit
  </http-fallback-others-log-permit>
  <http-fallback-others-block>
    http-fallback-others-block
  </http-fallback-others-block>
  <http-fallback-others-permit>
    http-fallback-others-permit
  </http-fallback-others-permit>
  </http-fallback-request-no-permit>
</anti-virus-statistics-details-http>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<http-scan-request>

Usage

```
<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-http>
      <http-scan-request>
        <http-scan-request-total>
          http-scan-request-total
        </http-scan-request-total>
        <http-scan-request-clean>
          http-scan-request-clean
        </http-scan-request-clean>
        <http-scan-request-threat>
          http-scan-request-threat
        </http-scan-request-threat>
      </http-scan-request>
    </anti-virus-statistics-details-http>
  </anti-virus-statistics-details>
</anti-virus>
```

Description

<imap-fallback-request>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-imap>
      <imap-fallback-request>
        <imap-fallback-engine-not-ready-log-permit>
          imap-fallback-engine-not-ready-log-permit
        </imap-fallback-engine-not-ready-log-permit>
        <imap-fallback-engine-not-ready-block>
          imap-fallback-engine-not-ready-block
        </imap-fallback-engine-not-ready-block>
        <imap-fallback-engine-not-ready-permit>
          imap-fallback-engine-not-ready-permit
        </imap-fallback-engine-not-ready-permit>
        <imap-fallback-out-resource-log-permit>
          imap-fallback-out-resource-log-permit
        </imap-fallback-out-resource-log-permit>
        <imap-fallback-out-resource-block>
          imap-fallback-out-resource-block
        </imap-fallback-out-resource-block>
        <imap-fallback-out-resource-permit>
          imap-fallback-out-resource-permit
        </imap-fallback-out-resource-permit>
        <imap-fallback-timeout-log-permit>
          imap-fallback-timeout-log-permit
        </imap-fallback-timeout-log-permit>
        <imap-fallback-timeout-block>
          imap-fallback-timeout-block
        </imap-fallback-timeout-block>
        <imap-fallback-timeout-permit>
          imap-fallback-timeout-permit
        </imap-fallback-timeout-permit>
        <imap-fallback-maximum-content-size-log-permit>
          imap-fallback-maximum-content-size-log-permit
        </imap-fallback-maximum-content-size-log-permit>
        <imap-fallback-maximum-content-size-block>
          imap-fallback-maximum-content-size-block
        </imap-fallback-maximum-content-size-block>
        <imap-fallback-maximum-content-size-permit>
          imap-fallback-maximum-content-size-permit
        </imap-fallback-maximum-content-size-permit>
        <imap-fallback-too-many-requests-log-permit>
          imap-fallback-too-many-requests-log-permit
        </imap-fallback-too-many-requests-log-permit>
        <imap-fallback-too-many-requests-block>
          imap-fallback-too-many-requests-block
        </imap-fallback-too-many-requests-block>
        <imap-fallback-too-many-requests-permit>
          imap-fallback-too-many-requests-permit
        </imap-fallback-too-many-requests-permit>
        <imap-fallback-others-log-permit>
          imap-fallback-others-log-permit

```

```
</imap-fallback-others-log-permit>
<imap-fallback-others-block>
  imap-fallback-others-block
</imap-fallback-others-block>
<imap-fallback-others-permit>
  imap-fallback-others-permit
</imap-fallback-others-permit>
</imap-fallback-request>
</anti-virus-statistics-details-imap>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<imap-fallback-request-no-permit>

Usage

```
<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-imap>
  <imap-fallback-request-no-permit>
    <imap-fallback-engine-not-ready-log-permit>
      imap-fallback-engine-not-ready-log-permit
    </imap-fallback-engine-not-ready-log-permit>
    <imap-fallback-engine-not-ready-block>
      imap-fallback-engine-not-ready-block
    </imap-fallback-engine-not-ready-block>
    <imap-fallback-engine-not-ready-permit>
      imap-fallback-engine-not-ready-permit
    </imap-fallback-engine-not-ready-permit>
    <imap-fallback-out-resource-log-permit>
      imap-fallback-out-resource-log-permit
    </imap-fallback-out-resource-log-permit>
    <imap-fallback-out-resource-block>
      imap-fallback-out-resource-block
    </imap-fallback-out-resource-block>
    <imap-fallback-out-resource-permit>
      imap-fallback-out-resource-permit
    </imap-fallback-out-resource-permit>
    <imap-fallback-timeout-log-permit>
      imap-fallback-timeout-log-permit
    </imap-fallback-timeout-log-permit>
    <imap-fallback-timeout-block>
      imap-fallback-timeout-block
    </imap-fallback-timeout-block>
    <imap-fallback-timeout-permit>
      imap-fallback-timeout-permit
    </imap-fallback-timeout-permit>
    <imap-fallback-maximum-content-size-log-permit>
      imap-fallback-maximum-content-size-log-permit
    </imap-fallback-maximum-content-size-log-permit>
    <imap-fallback-maximum-content-size-block>
      imap-fallback-maximum-content-size-block
    </imap-fallback-maximum-content-size-block>
    <imap-fallback-maximum-content-size-permit>
```

```

imap-fallback-maximum-content-size-permit
</imap-fallback-maximum-content-size-permit>
<imap-fallback-too-many-requests-log-permit>
imap-fallback-too-many-requests-log-permit
</imap-fallback-too-many-requests-log-permit>
<imap-fallback-too-many-requests-block>
imap-fallback-too-many-requests-block
</imap-fallback-too-many-requests-block>
<imap-fallback-too-many-requests-permit>
imap-fallback-too-many-requests-permit
</imap-fallback-too-many-requests-permit>
<imap-fallback-others-log-permit>
imap-fallback-others-log-permit
</imap-fallback-others-log-permit>
<imap-fallback-others-block>
imap-fallback-others-block
</imap-fallback-others-block>
<imap-fallback-others-permit>
imap-fallback-others-permit
</imap-fallback-others-permit>
</imap-fallback-request-no-permit>
</anti-virus-statistics-details-imap>
</anti-virus-statistics-details>
</anti-virus>

```

Description

<imap-scan-request>

Usage

```

<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-imap>
<imap-scan-request>
<imap-scan-request-total>
imap-scan-request-total
</imap-scan-request-total>
<imap-scan-request-clean>
imap-scan-request-clean
</imap-scan-request-clean>
<imap-scan-request-threat>
imap-scan-request-threat
</imap-scan-request-threat>
</imap-scan-request>
</anti-virus-statistics-details-imap>
</anti-virus-statistics-details>
</anti-virus>

```

Description

<passed-blocked>

Usage

```

<content-filtering>

```

```
<content-filtering-statistics>
  <passed-blocked>
    <content-filtering-command-passed>
      content-filtering-command-passed
    </content-filtering-command-passed>
    <content-filtering-command-blocked>
      content-filtering-command-blocked
    </content-filtering-command-blocked>
    <content-filtering-mime-passed>
      content-filtering-mime-passed
    </content-filtering-mime-passed>
    <content-filtering-mime-blocked>
      content-filtering-mime-blocked
    </content-filtering-mime-blocked>
    <content-filtering-extension-passed>
      content-filtering-extension-passed
    </content-filtering-extension-passed>
    <content-filtering-extension-blocked>
      content-filtering-extension-blocked
    </content-filtering-extension-blocked>
    <content-filtering-activex-passed>
      content-filtering-activex-passed
    </content-filtering-activex-passed>
    <content-filtering-activex-blocked>
      content-filtering-activex-blocked
    </content-filtering-activex-blocked>
    <content-filtering-java-applet-passed>
      content-filtering-java-applet-passed
    </content-filtering-java-applet-passed>
    <content-filtering-java-applet-blocked>
      content-filtering-java-applet-blocked
    </content-filtering-java-applet-blocked>
    <content-filtering-exe-passed>
      content-filtering-exe-passed
    </content-filtering-exe-passed>
    <content-filtering-exe-blocked>
      content-filtering-exe-blocked
    </content-filtering-exe-blocked>
    <content-filtering-zip-passed>
      content-filtering-zip-passed
    </content-filtering-zip-passed>
    <content-filtering-zip-blocked>
      content-filtering-zip-blocked
    </content-filtering-zip-blocked>
    <content-filtering-cookie-passed>
      content-filtering-cookie-passed
    </content-filtering-cookie-passed>
    <content-filtering-cookie-blocked>
      content-filtering-cookie-blocked
    </content-filtering-cookie-blocked>
  </passed-blocked>
</content-filtering-statistics>
</content-filtering>
```

Description

<pop3-fallback-request>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-pop3>
      <pop3-fallback-request>
        <pop3-fallback-engine-not-ready-log-permit>
          pop3-fallback-engine-not-ready-log-permit
        </pop3-fallback-engine-not-ready-log-permit>
        <pop3-fallback-engine-not-ready-block>
          pop3-fallback-engine-not-ready-block
        </pop3-fallback-engine-not-ready-block>
        <pop3-fallback-engine-not-ready-permit>
          pop3-fallback-engine-not-ready-permit
        </pop3-fallback-engine-not-ready-permit>
        <pop3-fallback-out-resource-log-permit>
          pop3-fallback-out-resource-log-permit
        </pop3-fallback-out-resource-log-permit>
        <pop3-fallback-out-resource-block>
          pop3-fallback-out-resource-block
        </pop3-fallback-out-resource-block>
        <pop3-fallback-out-resource-permit>
          pop3-fallback-out-resource-permit
        </pop3-fallback-out-resource-permit>
        <pop3-fallback-timeout-log-permit>
          pop3-fallback-timeout-log-permit
        </pop3-fallback-timeout-log-permit>
        <pop3-fallback-timeout-block>
          pop3-fallback-timeout-block
        </pop3-fallback-timeout-block>
        <pop3-fallback-timeout-permit>
          pop3-fallback-timeout-permit
        </pop3-fallback-timeout-permit>
        <pop3-fallback-maximum-content-size-log-permit>
          pop3-fallback-maximum-content-size-log-permit
        </pop3-fallback-maximum-content-size-log-permit>
        <pop3-fallback-maximum-content-size-block>
          pop3-fallback-maximum-content-size-block
        </pop3-fallback-maximum-content-size-block>
        <pop3-fallback-maximum-content-size-permit>
          pop3-fallback-maximum-content-size-permit
        </pop3-fallback-maximum-content-size-permit>
        <pop3-fallback-too-many-requests-log-permit>
          pop3-fallback-too-many-requests-log-permit
        </pop3-fallback-too-many-requests-log-permit>
        <pop3-fallback-too-many-requests-block>
          pop3-fallback-too-many-requests-block
        </pop3-fallback-too-many-requests-block>
        <pop3-fallback-too-many-requests-permit>
          pop3-fallback-too-many-requests-permit
        </pop3-fallback-too-many-requests-permit>
        <pop3-fallback-others-log-permit>
          pop3-fallback-others-log-permit

```

```
</pop3-fallback-others-log-permit>
<pop3-fallback-others-block>
  pop3-fallback-others-block
</pop3-fallback-others-block>
<pop3-fallback-others-permit>
  pop3-fallback-others-permit
</pop3-fallback-others-permit>
</pop3-fallback-request>
</anti-virus-statistics-details-pop3>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<pop3-fallback-request-no-permit>

Usage

```
<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-pop3>
  <pop3-fallback-request-no-permit>
    <pop3-fallback-engine-not-ready-log-permit>
      pop3-fallback-engine-not-ready-log-permit
    </pop3-fallback-engine-not-ready-log-permit>
    <pop3-fallback-engine-not-ready-block>
      pop3-fallback-engine-not-ready-block
    </pop3-fallback-engine-not-ready-block>
    <pop3-fallback-engine-not-ready-permit>
      pop3-fallback-engine-not-ready-permit
    </pop3-fallback-engine-not-ready-permit>
    <pop3-fallback-out-resource-log-permit>
      pop3-fallback-out-resource-log-permit
    </pop3-fallback-out-resource-log-permit>
    <pop3-fallback-out-resource-block>
      pop3-fallback-out-resource-block
    </pop3-fallback-out-resource-block>
    <pop3-fallback-out-resource-permit>
      pop3-fallback-out-resource-permit
    </pop3-fallback-out-resource-permit>
    <pop3-fallback-timeout-log-permit>
      pop3-fallback-timeout-log-permit
    </pop3-fallback-timeout-log-permit>
    <pop3-fallback-timeout-block>
      pop3-fallback-timeout-block
    </pop3-fallback-timeout-block>
    <pop3-fallback-timeout-permit>
      pop3-fallback-timeout-permit
    </pop3-fallback-timeout-permit>
    <pop3-fallback-maximum-content-size-log-permit>
      pop3-fallback-maximum-content-size-log-permit
    </pop3-fallback-maximum-content-size-log-permit>
    <pop3-fallback-maximum-content-size-block>
      pop3-fallback-maximum-content-size-block
    </pop3-fallback-maximum-content-size-block>
    <pop3-fallback-maximum-content-size-permit>
```



```

    pop3-fallback-maximum-content-size-permit
  </pop3-fallback-maximum-content-size-permit>
  <pop3-fallback-too-many-requests-log-permit>
    pop3-fallback-too-many-requests-log-permit
  </pop3-fallback-too-many-requests-log-permit>
  <pop3-fallback-too-many-requests-block>
    pop3-fallback-too-many-requests-block
  </pop3-fallback-too-many-requests-block>
  <pop3-fallback-too-many-requests-permit>
    pop3-fallback-too-many-requests-permit
  </pop3-fallback-too-many-requests-permit>
  <pop3-fallback-others-log-permit>
    pop3-fallback-others-log-permit
  </pop3-fallback-others-log-permit>
  <pop3-fallback-others-block>
    pop3-fallback-others-block
  </pop3-fallback-others-block>
  <pop3-fallback-others-permit>
    pop3-fallback-others-permit
  </pop3-fallback-others-permit>
</pop3-fallback-request-no-permit>
</anti-virus-statistics-details-pop3>
</anti-virus-statistics-details>
</anti-virus>

```

Description

<pop3-scan-request>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-pop3>
      <pop3-scan-request>
        <pop3-scan-request-total>
          pop3-scan-request-total
        </pop3-scan-request-total>
        <pop3-scan-request-clean>
          pop3-scan-request-clean
        </pop3-scan-request-clean>
        <pop3-scan-request-threat>
          pop3-scan-request-threat
        </pop3-scan-request-threat>
      </pop3-scan-request>
    </anti-virus-statistics-details-pop3>
  </anti-virus-statistics-details>
</anti-virus>

```

Description

<scan-code>

Usage

```

<anti-virus>

```

```
<anti-virus-statistics>
  <scan-code>
    <clear>
      clear
    </clear>
    <infected>
      infected
    </infected>
    <password>
      password
    </password>
    <decompress-layer>
      decompress-layer
    </decompress-layer>
    <corrupted-file>
      corrupted-file
    </corrupted-file>
    <out-of-resource>
      out-of-resource
    </out-of-resource>
    <internal-error>
      internal-error
    </internal-error>
  </scan-code>
</anti-virus-statistics>
</anti-virus>
```

Description Anti-virus scan results

<scan-mode>

Usage

```
<anti-virus>
  <anti-virus-statistics>
    <scan-mode>
      <scan-all>
        scan-all
      </scan-all>
      <scan-extension>
        scan-extension
      </scan-extension>
    </scan-mode>
  </anti-virus-statistics>
</anti-virus>
```

Description Anti-virus scan mode

<scan-request>

Usage

```
<anti-virus>
  <anti-virus-statistics>
    <scan-request>
```

```

<scan-request-total>
  scan-request-total
</scan-request-total>
<scan-request-clean>
  scan-request-clean
</scan-request-clean>
<scan-request-threat>
  scan-request-threat
</scan-request-threat>
<scan-request-fallback>
  scan-request-fallback
</scan-request-fallback>
</scan-request>
</anti-virus-statistics>
</anti-virus>

```

Description**<session-result>****Usage**

```

<session-result>
  <maximum-sessions>
    maximum-sessions
  </maximum-sessions>
  <total-allocated-sessions>
    total-allocated-sessions
  </total-allocated-sessions>
  <total-freed-sessions>
    total-freed-sessions
  </total-freed-sessions>
  <active-sessions>
    active-sessions
  </active-sessions>
</session-result>

```

Description Information of UTM sessions**<smtp-fallback-request>****Usage**

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-smtp>
      <smtp-fallback-request>
        <smtp-fallback-engine-not-ready-log-permit>
          smtp-fallback-engine-not-ready-log-permit
        </smtp-fallback-engine-not-ready-log-permit>
        <smtp-fallback-engine-not-ready-block>
          smtp-fallback-engine-not-ready-block
        </smtp-fallback-engine-not-ready-block>
        <smtp-fallback-engine-not-ready-permit>
          smtp-fallback-engine-not-ready-permit
        </smtp-fallback-engine-not-ready-permit>
      </smtp-fallback-request>
    </anti-virus-statistics-details-smtp>
  </anti-virus-statistics-details>
</anti-virus>

```

```
<smtp-fallback-out-resource-log-permit>
  smtp-fallback-out-resource-log-permit
</smtp-fallback-out-resource-log-permit>
<smtp-fallback-out-resource-block>
  smtp-fallback-out-resource-block
</smtp-fallback-out-resource-block>
<smtp-fallback-out-resource-permit>
  smtp-fallback-out-resource-permit
</smtp-fallback-out-resource-permit>
<smtp-fallback-timeout-log-permit>
  smtp-fallback-timeout-log-permit
</smtp-fallback-timeout-log-permit>
<smtp-fallback-timeout-block>
  smtp-fallback-timeout-block
</smtp-fallback-timeout-block>
<smtp-fallback-timeout-permit>
  smtp-fallback-timeout-permit
</smtp-fallback-timeout-permit>
<smtp-fallback-maximum-content-size-log-permit>
  smtp-fallback-maximum-content-size-log-permit
</smtp-fallback-maximum-content-size-log-permit>
<smtp-fallback-maximum-content-size-block>
  smtp-fallback-maximum-content-size-block
</smtp-fallback-maximum-content-size-block>
<smtp-fallback-maximum-content-size-permit>
  smtp-fallback-maximum-content-size-permit
</smtp-fallback-maximum-content-size-permit>
<smtp-fallback-too-many-requests-log-permit>
  smtp-fallback-too-many-requests-log-permit
</smtp-fallback-too-many-requests-log-permit>
<smtp-fallback-too-many-requests-block>
  smtp-fallback-too-many-requests-block
</smtp-fallback-too-many-requests-block>
<smtp-fallback-too-many-requests-permit>
  smtp-fallback-too-many-requests-permit
</smtp-fallback-too-many-requests-permit>
<smtp-fallback-others-log-permit>
  smtp-fallback-others-log-permit
</smtp-fallback-others-log-permit>
<smtp-fallback-others-block>
  smtp-fallback-others-block
</smtp-fallback-others-block>
<smtp-fallback-others-permit>
  smtp-fallback-others-permit
</smtp-fallback-others-permit>
</smtp-fallback-request>
</anti-virus-statistics-details-smtp>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<smtp-fallback-request-no-permit>

Usage

```

<anti-virus>
  <anti-virus-statistics-details>
    <anti-virus-statistics-details-smtp>
      <smtp-fallback-request-no-permit>
        <smtp-fallback-engine-not-ready-log-permit>
          smtp-fallback-engine-not-ready-log-permit
        </smtp-fallback-engine-not-ready-log-permit>
        <smtp-fallback-engine-not-ready-block>
          smtp-fallback-engine-not-ready-block
        </smtp-fallback-engine-not-ready-block>
        <smtp-fallback-engine-not-ready-permit>
          smtp-fallback-engine-not-ready-permit
        </smtp-fallback-engine-not-ready-permit>
        <smtp-fallback-out-resource-log-permit>
          smtp-fallback-out-resource-log-permit
        </smtp-fallback-out-resource-log-permit>
        <smtp-fallback-out-resource-block>
          smtp-fallback-out-resource-block
        </smtp-fallback-out-resource-block>
        <smtp-fallback-out-resource-permit>
          smtp-fallback-out-resource-permit
        </smtp-fallback-out-resource-permit>
        <smtp-fallback-timeout-log-permit>
          smtp-fallback-timeout-log-permit
        </smtp-fallback-timeout-log-permit>
        <smtp-fallback-timeout-block>
          smtp-fallback-timeout-block
        </smtp-fallback-timeout-block>
        <smtp-fallback-timeout-permit>
          smtp-fallback-timeout-permit
        </smtp-fallback-timeout-permit>
        <smtp-fallback-maximum-content-size-log-permit>
          smtp-fallback-maximum-content-size-log-permit
        </smtp-fallback-maximum-content-size-log-permit>
        <smtp-fallback-maximum-content-size-block>
          smtp-fallback-maximum-content-size-block
        </smtp-fallback-maximum-content-size-block>
        <smtp-fallback-maximum-content-size-permit>
          smtp-fallback-maximum-content-size-permit
        </smtp-fallback-maximum-content-size-permit>
        <smtp-fallback-too-many-requests-log-permit>
          smtp-fallback-too-many-requests-log-permit
        </smtp-fallback-too-many-requests-log-permit>
        <smtp-fallback-too-many-requests-block>
          smtp-fallback-too-many-requests-block
        </smtp-fallback-too-many-requests-block>
        <smtp-fallback-too-many-requests-permit>
          smtp-fallback-too-many-requests-permit
        </smtp-fallback-too-many-requests-permit>
        <smtp-fallback-others-log-permit>
          smtp-fallback-others-log-permit
        </smtp-fallback-others-log-permit>
      </smtp-fallback-request-no-permit>
    </anti-virus-statistics-details-smtp>
  </anti-virus-statistics-details>
</anti-virus>

```

```
<smtp-fallback-others-block>
  smtp-fallback-others-block
</smtp-fallback-others-block>
<smtp-fallback-others-permit>
  smtp-fallback-others-permit
</smtp-fallback-others-permit>
</smtp-fallback-request-no-permit>
</anti-virus-statistics-details-smtp>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<smtp-scan-request>

Usage

```
<anti-virus>
<anti-virus-statistics-details>
<anti-virus-statistics-details-smtp>
  <smtp-scan-request>
    <smtp-scan-request-total>
      smtp-scan-request-total
    </smtp-scan-request-total>
    <smtp-scan-request-clean>
      smtp-scan-request-clean
    </smtp-scan-request-clean>
    <smtp-scan-request-threat>
      smtp-scan-request-threat
    </smtp-scan-request-threat>
  </smtp-scan-request>
</anti-virus-statistics-details-smtp>
</anti-virus-statistics-details>
</anti-virus>
```

Description

<sophos-anti-virus-status>

Usage

```
<anti-virus>
  <sophos-anti-virus-status>
    <anti-virus-key-expire-date>
      anti-virus-key-expire-date
    </anti-virus-key-expire-date>
    <anti-virus-update-url>
      anti-virus-update-url
    </anti-virus-update-url>
    <anti-virus-update-interval>
      anti-virus-update-interval
    </anti-virus-update-interval>
    <anti-virus-update-status>
      anti-virus-update-status
    </anti-virus-update-status>
    <anti-virus-update-result>
```

```

    anti-virus-update-result
  </anti-virus-update-result>
  <anti-virus-signature-version>
    anti-virus-signature-version
  </anti-virus-signature-version>
  <anti-virus-compiler-version>
    anti-virus-compiler-version
  </anti-virus-compiler-version>
  <anti-virus-scan-engine-type>
    anti-virus-scan-engine-type
  </anti-virus-scan-engine-type>
  <anti-virus-scan-engine-information>
    anti-virus-scan-engine-information
  </anti-virus-scan-engine-information>
  <anti-virus-status-detail>
    anti-virus-status-detail
  </anti-virus-status-detail>
</sophos-anti-virus-status>
</anti-virus>

```

Description Anti-virus status

<statistics-last-10-days>

Usage

```

<anti-spam>
  <anti-spam-statistics>
    <statistics-last-10-days>
      <day1-permitted-emails>
        day1-permitted-emails
      </day1-permitted-emails>
      <day1-spam-emails>
        day1-spam-emails
      </day1-spam-emails>
      <day2-permitted-emails>
        day2-permitted-emails
      </day2-permitted-emails>
      <day2-spam-emails>
        day2-spam-emails
      </day2-spam-emails>
      <day3-permitted-emails>
        day3-permitted-emails
      </day3-permitted-emails>
      <day3-spam-emails>
        day3-spam-emails
      </day3-spam-emails>
      <day4-permitted-emails>
        day4-permitted-emails
      </day4-permitted-emails>
      <day4-spam-emails>
        day4-spam-emails
      </day4-spam-emails>
      <day5-permitted-emails>
        day5-permitted-emails
    </statistics-last-10-days>
  </anti-spam-statistics>
</anti-spam>

```

```
</day5-permitted-emails>
<day5-spam-emails>
  day5-spam-emails
</day5-spam-emails>
<day6-permitted-emails>
  day6-permitted-emails
</day6-permitted-emails>
<day6-spam-emails>
  day6-spam-emails
</day6-spam-emails>
<day7-permitted-emails>
  day7-permitted-emails
</day7-permitted-emails>
<day7-spam-emails>
  day7-spam-emails
</day7-spam-emails>
<day8-permitted-emails>
  day8-permitted-emails
</day8-permitted-emails>
<day8-spam-emails>
  day8-spam-emails
</day8-spam-emails>
<day9-permitted-emails>
  day9-permitted-emails
</day9-permitted-emails>
<day9-spam-emails>
  day9-spam-emails
</day9-spam-emails>
<day10-permitted-emails>
  day10-permitted-emails
</day10-permitted-emails>
<day10-spam-emails>
  day10-spam-emails
</day10-spam-emails>
</statistics-last-10-days>
</anti-spam-statistics>
</anti-spam>
```

Description

<utm-session-clear>

Usage

```
<utm-session-clear>
  <utm-session-clear-result>
    utm-session-clear-result
  </utm-session-clear-result>
</utm-session-clear>
```

Description UTM clear session

<utmd-status>**Usage**

```

<utmd-status>
  <running>
    running
  </running>
</utmd-status>

```

Description Status of utmd service

<utmd-web-filtering>**Usage**

```

<utmd-web-filtering>
  <utmd-web-filtering-statistics>....</utmd-web-filtering-statistics>
  <utmd-web-filtering-status>....</utmd-web-filtering-status>
</utmd-web-filtering>

```

Description Statistics of web-filtering features

<utmd-web-filtering-statistics>**Usage**

```

<utmd-web-filtering>
  <utmd-web-filtering-statistics>
    <total-requests>
      total-requests
    </total-requests>
    <white-list-hit>
      white-list-hit
    </white-list-hit>
    <black-list-hit>
      black-list-hit
    </black-list-hit>
    <queries-to-server>
      queries-to-server
    </queries-to-server>
    <server-reply-permit>
      server-reply-permit
    </server-reply-permit>
    <server-reply-block>
      server-reply-block
    </server-reply-block>
    <custom-category-permit>
      custom-category-permit
    </custom-category-permit>
    <custom-category-block>
      custom-category-block
    </custom-category-block>
    <cache-hit-permit>
      cache-hit-permit

```

```
</cache-hit-permit>
<cache-hit-block>
  cache-hit-block
</cache-hit-block>
<web-filtering-session-total>
  web-filtering-session-total
</web-filtering-session-total>
<web-filtering-session-inuse>
  web-filtering-session-inuse
</web-filtering-session-inuse>
<web-filtering-fallback>....</web-filtering-fallback>
</utmd-web-filtering-statistics>
</utmd-web-filtering>
```

Description UTM web-filtering statistics

<utmd-web-filtering-status>

Usage

```
<utmd-web-filtering>
<utmd-web-filtering-status>
  <web-filtering-server-status>
    web-filtering-server-status
  </web-filtering-server-status>
</utmd-web-filtering-status>
</utmd-web-filtering>
```

Description UTM web-filtering status

<web-filter-clear>

Usage

```
<web-filter-clear>
<web-filter-clear-result>
  web-filter-clear-result
</web-filter-clear-result>
</web-filter-clear>
```

Description UTM web-filter clear result

<web-filtering-fallback>

Usage

```
<utmd-web-filtering>
<utmd-web-filtering-statistics>
  <web-filtering-fallback>
    <fallback-permit-default>
      fallback-permit-default
    </fallback-permit-default>
    <fallback-permit-timeout>
      fallback-permit-timeout
    </fallback-permit-timeout>
  </web-filtering-fallback>
</utmd-web-filtering-statistics>
</utmd-web-filtering>
```

```

</fallback-permit-timeout>
<fallback-permit-connectivity>
  fallback-permit-connectivity
</fallback-permit-connectivity>
<fallback-permit-too-many-requests>
  fallback-permit-too-many-requests
</fallback-permit-too-many-requests>
<fallback-block-default>
  fallback-block-default
</fallback-block-default>
<fallback-block-timeout>
  fallback-block-timeout
</fallback-block-timeout>
<fallback-block-connectivity>
  fallback-block-connectivity
</fallback-block-connectivity>
<fallback-block-too-many-requests>
  fallback-block-too-many-requests
</fallback-block-too-many-requests>
</web-filtering-fallback>
</utmd-web-filtering-statistics>
</utmd-web-filtering>

```

Description

<web-filtering-test>

Usage

```

<web-filtering-test>
  <web-filtering-test-result>
    web-filtering-test-result
  </web-filtering-test-result>
</web-filtering-test>

```

Description UTM web-filtering test results

Summary of Wireless LAN Access Points Response Tags

<access-point-client-associations>

Usage

```

<access-point-client-associations>
  <access-point-name>
    access-point-name
  </access-point-name>
  <radio-id>
    radio-id
  </radio-id>
  <vap-id>
    vap-id
  </vap-id>
  <status-information>....</status-information>

```

</access-point-client-associations>

Description Information about client associations for a specified access point

<access-point-client-associations>

Usage

```
<wlan-access-point-client-associations-list>
  <access-point-client-associations>
    <access-point-name>
      access-point-name
    </access-point-name>
    <radio-id>
      radio-id
    </radio-id>
    <vap-id>
      vap-id
    </vap-id>
    <status-information>....</status-information>
  </access-point-client-associations>
</wlan-access-point-client-associations-list>
```

Description Information about client associations for a specified access point

<access-point-client-associations>

Usage

```
<wlan-access-point-client-associations-detail-list>
  <access-point-client-associations>
    <access-point-name>
      access-point-name
    </access-point-name>
    <radio-id>
      radio-id
    </radio-id>
    <vap-id>
      vap-id
    </vap-id>
    <status-information>....</status-information>
  </access-point-client-associations>
</wlan-access-point-client-associations-detail-list>
```

Description Information about client associations for a specified access point

<access-point-client-display>

Usage

```
<access-point-client-display>
  <access-point-name>
    access-point-name
  </access-point-name>
```

</access-point-client-display>

Description

<access-point-client-display>

Usage

```
<wlan-access-point-client-associations-list>
  <access-point-client-display>
    <access-point-name>
      access-point-name
    </access-point-name>
  </access-point-client-display>
</wlan-access-point-client-associations-list>
```

Description

<access-point-client-display-detail>

Usage

```
<access-point-client-display-detail>
  <ap-empty>
    ap-empty
  </ap-empty>
</access-point-client-display-detail>
```

Description

<access-point-client-display-detail>

Usage

```
<wlan-access-point-client-associations-detail-list>
  <access-point-client-display-detail>
    <ap-empty>
      ap-empty
    </ap-empty>
  </access-point-client-display-detail>
</wlan-access-point-client-associations-detail-list>
```

Description

<access-point-neighbors>

Usage

```
<access-point-neighbors>
  <mac-address>
    mac-address
  </mac-address>
  <ssid>
    ssid
  </ssid>
  <security>
    security
  </security>
</access-point-neighbors>
```

```
</security>
<wpa>
  wpa
</wpa>
<band>
  band
</band>
<channel>
  channel
</channel>
<last-beacon>
  last-beacon
</last-beacon>
<signal>
  signal
</signal>
</access-point-neighbors>
```

Description Information about neighboring access points

<access-point-neighbors>

Usage

```
<wlan-access-point-neighbors-list>
  <access-point-neighbors>
    <mac-address>
      mac-address
    </mac-address>
    <ssid>
      ssid
    </ssid>
    <security>
      security
    </security>
    <wpa>
      wpa
    </wpa>
    <band>
      band
    </band>
    <channel>
      channel
    </channel>
    <last-beacon>
      last-beacon
    </last-beacon>
    <signal>
      signal
    </signal>
  </access-point-neighbors>
</wlan-access-point-neighbors-list>
```

Description Information about neighboring access points

<access-points>

Usage

```

<access-points>
  <access-point-name>
    access-point-name
  </access-point-name>
  <access-point-type>
    access-point-type
  </access-point-type>
  <access-interface>
    access-interface
  </access-interface>
  <system-time>
    system-time
  </system-time>
  <access-point-status>
    access-point-status
  </access-point-status>
  <radio-mode-channel>
    radio-mode-channel
  </radio-mode-channel>
  <location>
    location
  </location>
  <serial-number>
    serial-number
  </serial-number>
  <firmware-version>
    firmware-version
  </firmware-version>
  <alt-firmware-version>
    alt-firmware-version
  </alt-firmware-version>
  <regulatory-domain>
    regulatory-domain
  </regulatory-domain>
  <country>
    country
  </country>
  <access-ipv4-address>
    access-ipv4-address
  </access-ipv4-address>
  <pcap-status>
    pcap-status
  </pcap-status>
  <capture-interface>
    capture-interface
  </capture-interface>
  <capture-file>
    capture-file
  </capture-file>
  <capture-duration>
    capture-duration
  </capture-duration>

```

```
<capture-file-size>
  capture-file-size
</capture-file-size>
<radio-information>....</radio-information>
<radio-status-information>....</radio-status-information>
<ethernet-port-information>....</ethernet-port-information>
</access-points>
```

Description Information about access point

<access-points>

Usage

```
<wlan-access-points-list>
  <access-points>
    <access-point-name>
      access-point-name
    </access-point-name>
    <access-point-type>
      access-point-type
    </access-point-type>
    <access-interface>
      access-interface
    </access-interface>
    <system-time>
      system-time
    </system-time>
    <access-point-status>
      access-point-status
    </access-point-status>
    <radio-mode-channel>
      radio-mode-channel
    </radio-mode-channel>
    <location>
      location
    </location>
    <serial-number>
      serial-number
    </serial-number>
    <firmware-version>
      firmware-version
    </firmware-version>
    <alt-firmware-version>
      alt-firmware-version
    </alt-firmware-version>
    <regulatory-domain>
      regulatory-domain
    </regulatory-domain>
    <country>
      country
    </country>
    <access-ipv4-address>
      access-ipv4-address
    </access-ipv4-address>
```



```

<pcap-status>
  pcap-status
</pcap-status>
<capture-interface>
  capture-interface
</capture-interface>
<capture-file>
  capture-file
</capture-file>
<capture-duration>
  capture-duration
</capture-duration>
<capture-file-size>
  capture-file-size
</capture-file-size>
<radio-information>....</radio-information>
<radio-status-information>....</radio-status-information>
<ethernet-port-information>....</ethernet-port-information>
</access-points>
</wlan-access-points-list>

```

Description Information about access point

<capture-local>

Usage

```

<capture-local>
<capture-interface>
  capture-interface
</capture-interface>
<capture-file>
  capture-file
</capture-file>
<capture-duration>
  capture-duration
</capture-duration>
<capture-file-size>
  capture-file-size
</capture-file-size>
</capture-local>

```

Description Local packet capture operation

<capture-local>

Usage

```

<wlan-access-point-packet-capture-start>
<capture-local>
<capture-interface>
  capture-interface
</capture-interface>
<capture-file>
  capture-file

```

```
</capture-file>
<capture-duration>
  capture-duration
</capture-duration>
<capture-file-size>
  capture-file-size
</capture-file-size>
</capture-local>
</wlan-access-point-packet-capture-start>
```

Description Local packet capture operation

<capture-local>

Usage

```
<wlan-access-point-packet-capture-stop>
<capture-local>
  <capture-interface>
    capture-interface
  </capture-interface>
  <capture-file>
    capture-file
  </capture-file>
  <capture-duration>
    capture-duration
  </capture-duration>
  <capture-file-size>
    capture-file-size
  </capture-file-size>
</capture-local>
</wlan-access-point-packet-capture-stop>
```

Description Local packet capture operation

<cluster>

Usage

```
<cluster>
  <cluster-id>
    cluster-id
  </cluster-id>
  <access-point-name>
    access-point-name
  </access-point-name>
</cluster>
```

Description Cluster information

<cluster>**Usage**

```

<wlan-clusters-list>
  <cluster>
    <cluster-id>
      cluster-id
    </cluster-id>
    <access-point-name>
      access-point-name
    </access-point-name>
  </cluster>
</wlan-clusters-list>

```

Description Cluster information

<diagnostics-info>**Usage**

```

<diagnostics-info>
  <access-point-name>
    access-point-name
  </access-point-name>
  <pcap-status>
    pcap-status
  </pcap-status>
  <capture-interface>
    capture-interface
  </capture-interface>
  <syslog-status>
    syslog-status
  </syslog-status>
</diagnostics-info>

```

Description Diagnostics information about an access point

<diagnostics-info>**Usage**

```

<wlan-diagnostics-list>
  <diagnostics-info>
    <access-point-name>
      access-point-name
    </access-point-name>
    <pcap-status>
      pcap-status
    </pcap-status>
    <capture-interface>
      capture-interface
    </capture-interface>
    <syslog-status>
      syslog-status

```

```
</syslog-status>
</diagnostics-info>
</wlan-diagnostics-list>
```

Description Diagnostics information about an access point

<ethernet-port-information>

Usage

```
<ethernet-port-information>
  <mac-address>
    mac-address
  </mac-address>
  <access-ipv4-address>
    access-ipv4-address
  </access-ipv4-address>
</ethernet-port-information>
```

Description Information about ethernet port

<ethernet-port-information>

Usage

```
<access-points>
  <ethernet-port-information>
    <mac-address>
      mac-address
    </mac-address>
    <access-ipv4-address>
      access-ipv4-address
    </access-ipv4-address>
  </ethernet-port-information>
</access-points>
```

Description Information about ethernet port

<ethernet-port-information>

Usage

```
<wlan-access-points-list>
  <access-points>
    <ethernet-port-information>
      <mac-address>
        mac-address
      </mac-address>
      <access-ipv4-address>
        access-ipv4-address
      </access-ipv4-address>
    </ethernet-port-information>
  </access-points>
```

</wlan-access-points-list>

Description Information about ethernet port

<radio-information>

Usage

```
<radio-information>
  <radio-id>
    radio-id
  </radio-id>
  <radio-mode>
    radio-mode
  </radio-mode>
  <channel>
    channel
  </channel>
</radio-information>
```

Description Information about radio

<radio-information>

Usage

```
<access-points>
  <radio-information>
    <radio-id>
      radio-id
    </radio-id>
    <radio-mode>
      radio-mode
    </radio-mode>
    <channel>
      channel
    </channel>
  </radio-information>
</access-points>
```

Description Information about radio

<radio-information>

Usage

```
<wlan-access-points-list>
  <access-points>
    <radio-information>
      <radio-id>
        radio-id
      </radio-id>
      <radio-mode>
        radio-mode
```

```
</radio-mode>
<channel>
  channel
</channel>
</radio-information>
</access-points>
</wlan-access-points-list>
```

Description Information about radio

<radio-list>

Usage

```
<radio-list>
<radio-id>
  radio-id
</radio-id>
<virtual-access-points>....</virtual-access-points>
</radio-list>
```

Description Information about radio options

<radio-list>

Usage

```
<wlan-virtual-access-points-list>
<radio-list>
<radio-id>
  radio-id
</radio-id>
<virtual-access-points>....</virtual-access-points>
</radio-list>
</wlan-virtual-access-points-list>
```

Description Information about radio options

<radio-status-information>

Usage

```
<radio-status-information>
<radio-id>
  radio-id
</radio-id>
<status>
  status
</status>
<mac-address>
  mac-address
</mac-address>
<radio-mode>
  radio-mode
```

```
</radio-mode>
<channel>
  channel
</channel>
</radio-status-information>
```

Description Status information about radio

<radio-status-information>

Usage

```
<access-points>
  <radio-status-information>
    <radio-id>
      radio-id
    </radio-id>
    <status>
      status
    </status>
    <mac-address>
      mac-address
    </mac-address>
    <radio-mode>
      radio-mode
    </radio-mode>
    <channel>
      channel
    </channel>
  </radio-status-information>
</access-points>
```

Description Status information about radio

<radio-status-information>

Usage

```
<wlan-access-points-list>
  <access-points>
    <radio-status-information>
      <radio-id>
        radio-id
      </radio-id>
      <status>
        status
      </status>
      <mac-address>
        mac-address
      </mac-address>
      <radio-mode>
        radio-mode
      </radio-mode>
      <channel>
        channel
```

```
</channel>
</radio-status-information>
</access-points>
</wlan-access-points-list>
```

Description Status information about radio

<status-information>

Usage

```
<status-information>
  <client-mac-address>
    client-mac-address
  </client-mac-address>
  <authentication>
    authentication
  </authentication>
  <channel>
    channel
  </channel>
  <rate>
    rate
  </rate>
  <signal>
    signal
  </signal>
  <rx-packets>
    rx-packets
  </rx-packets>
  <tx-packets>
    tx-packets
  </tx-packets>
  <rx-bytes>
    rx-bytes
  </rx-bytes>
  <tx-bytes>
    tx-bytes
  </tx-bytes>
</status-information>
```

Description Status information

<status-information>

Usage

```
<access-point-client-associations>
  <status-information>
    <client-mac-address>
      client-mac-address
    </client-mac-address>
    <authentication>
      authentication
    </authentication>
```



```

<channel>
  channel
</channel>
<rate>
  rate
</rate>
<signal>
  signal
</signal>
<rx-packets>
  rx-packets
</rx-packets>
<tx-packets>
  tx-packets
</tx-packets>
<rx-bytes>
  rx-bytes
</rx-bytes>
<tx-bytes>
  tx-bytes
</tx-bytes>
</status-information>
</access-point-client-associations>

```

Description Status information

<status-information>

Usage

```

<wlan-access-point-client-associations-list>
  <access-point-client-associations>
    <status-information>
      <client-mac-address>
        client-mac-address
      </client-mac-address>
      <authentication>
        authentication
      </authentication>
      <channel>
        channel
      </channel>
      <rate>
        rate
      </rate>
      <signal>
        signal
      </signal>
      <rx-packets>
        rx-packets
      </rx-packets>
      <tx-packets>
        tx-packets
      </tx-packets>
      <rx-bytes>

```

```
    rx-bytes
  </rx-bytes>
  <tx-bytes>
    tx-bytes
  </tx-bytes>
</status-information>
</access-point-client-associations>
</wlan-access-point-client-associations-list>
```

Description Status information

<status-information>

Usage

```
<wlan-access-point-client-associations-detail-list>
  <access-point-client-associations>
    <status-information>
      <client-mac-address>
        client-mac-address
      </client-mac-address>
      <authentication>
        authentication
      </authentication>
      <channel>
        channel
      </channel>
      <rate>
        rate
      </rate>
      <signal>
        signal
      </signal>
      <rx-packets>
        rx-packets
      </rx-packets>
      <tx-packets>
        tx-packets
      </tx-packets>
      <rx-bytes>
        rx-bytes
      </rx-bytes>
      <tx-bytes>
        tx-bytes
      </tx-bytes>
    </status-information>
  </access-point-client-associations>
</wlan-access-point-client-associations-detail-list>
```

Description Status information

<traffic-statistics>**Usage**

```

<traffic-statistics>
  <input-bytes>
    input-bytes
  </input-bytes>
  <output-bytes>
    output-bytes
  </output-bytes>
  <input-packets>
    input-packets
  </input-packets>
  <output-packets>
    output-packets
  </output-packets>
</traffic-statistics>

```

Description Information about virtual access point traffic statistics

<traffic-statistics>**Usage**

```

<virtual-access-points>
  <traffic-statistics>
    <input-bytes>
      input-bytes
    </input-bytes>
    <output-bytes>
      output-bytes
    </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </traffic-statistics>
</virtual-access-points>

```

Description Information about virtual access point traffic statistics

<traffic-statistics>**Usage**

```

<radio-list>
  <virtual-access-points>
    <traffic-statistics>
      <input-bytes>
        input-bytes
      </input-bytes>
      <output-bytes>

```

```
        output-bytes
      </output-bytes>
    <input-packets>
      input-packets
    </input-packets>
    <output-packets>
      output-packets
    </output-packets>
  </traffic-statistics>
</virtual-access-points>
</radio-list>
```

Description Information about virtual access point traffic statistics

<traffic-statistics>

Usage

```
<wlan-virtual-access-points-list>
  <radio-list>
    <virtual-access-points>
      <traffic-statistics>
        <input-bytes>
          input-bytes
        </input-bytes>
        <output-bytes>
          output-bytes
        </output-bytes>
        <input-packets>
          input-packets
        </input-packets>
        <output-packets>
          output-packets
        </output-packets>
      </traffic-statistics>
    </virtual-access-points>
  </radio-list>
</wlan-virtual-access-points-list>
```

Description Information about virtual access point traffic statistics

<virtual-access-points>

Usage

```
<virtual-access-points>
  <access-point-name>
    access-point-name
  </access-point-name>
  <vap-id>
    vap-id
  </vap-id>
  <ssid>
    ssid
  </ssid>
```

```

<mac-address>
  mac-address
</mac-address>
<vlan-id>
  vlan-id
</vlan-id>
<traffic-statistics>....</traffic-statistics>
</virtual-access-points>

```

Description Information about virtual access points

<virtual-access-points>

Usage

```

<radio-list>
  <virtual-access-points>
    <access-point-name>
      access-point-name
    </access-point-name>
    <vap-id>
      vap-id
    </vap-id>
    <ssid>
      ssid
    </ssid>
    <mac-address>
      mac-address
    </mac-address>
    <vlan-id>
      vlan-id
    </vlan-id>
    <traffic-statistics>....</traffic-statistics>
  </virtual-access-points>
</radio-list>

```

Description Information about virtual access points

<virtual-access-points>

Usage

```

<wlan-virtual-access-points-list>
  <radio-list>
    <virtual-access-points>
      <access-point-name>
        access-point-name
      </access-point-name>
      <vap-id>
        vap-id
      </vap-id>
      <ssid>
        ssid
      </ssid>
      <mac-address>

```

```
        mac-address
      </mac-address>
    <vlan-id>
      vlan-id
    </vlan-id>
    <traffic-statistics>....</traffic-statistics>
  </virtual-access-points>
</radio-list>
</wlan-virtual-access-points-list>
```

Description Information about virtual access points

<wlan-access-point-client-associations-detail-list>

Usage

```
<wlan-access-point-client-associations-detail-list>
  <access-point-client-display-detail>....</access-point-client-display-detail>
  <access-point-client-associations>....</access-point-client-associations>
</wlan-access-point-client-associations-detail-list>
```

Description Information about client associations

<wlan-access-point-client-associations-list>

Usage

```
<wlan-access-point-client-associations-list>
  <access-point-client-display>....</access-point-client-display>
  <access-point-client-associations>....</access-point-client-associations>
</wlan-access-point-client-associations-list>
```

Description

<wlan-access-point-neighbors-list>

Usage

```
<wlan-access-point-neighbors-list>
  <access-point-name>
    access-point-name
  </access-point-name>
  <access-point-neighbors>....</access-point-neighbors>
</wlan-access-point-neighbors-list>
```

Description

<wlan-access-point-packet-capture-start>

Usage

```
<wlan-access-point-packet-capture-start>
  <capture-local>....</capture-local>
</wlan-access-point-packet-capture-start>
```

Description**<wlan-access-point-packet-capture-stop>****Usage**

```
<wlan-access-point-packet-capture-stop>  
  <capture-local>....</capture-local>  
</wlan-access-point-packet-capture-stop>
```

Description**<wlan-access-points-list>****Usage**

```
<wlan-access-points-list>  
  <access-points>....</access-points>  
</wlan-access-points-list>
```

Description**<wlan-clusters-list>****Usage**

```
<wlan-clusters-list>  
  <cluster>....</cluster>  
</wlan-clusters-list>
```

Description**<wlan-diagnostics-list>****Usage**

```
<wlan-diagnostics-list>  
  <diagnostics-info>....</diagnostics-info>  
</wlan-diagnostics-list>
```

Description**<wlan-virtual-access-points-list>****Usage**

```
<wlan-virtual-access-points-list>  
  <access-point-name>  
    access-point-name  
  </access-point-name>  
  <radio-list>....</radio-list>  
</wlan-virtual-access-points-list>
```

Description

Summary of GSM Response Tags

<gsm-profile>

Usage

```
<gsm-profile>
  <profile-id>
    profile-id
  </profile-id>
  <profile-valid>
    profile-valid
  </profile-valid>
  <profile-username>
    profile-username
  </profile-username>
  <profile-password>
    profile-password
  </profile-password>
  <profile-access-point-name>
    profile-access-point-name
  </profile-access-point-name>
  <profile-authentication>
    profile-authentication
  </profile-authentication>
</gsm-profile>
```

Description

<gsm-profile>

Usage

```
<gsm-profiles>
  <gsm-profile>
    <profile-id>
      profile-id
    </profile-id>
    <profile-valid>
      profile-valid
    </profile-valid>
    <profile-username>
      profile-username
    </profile-username>
    <profile-password>
      profile-password
    </profile-password>
    <profile-access-point-name>
      profile-access-point-name
    </profile-access-point-name>
    <profile-authentication>
      profile-authentication
    </profile-authentication>
  </gsm-profile>
</gsm-profiles>
```


Description

<gsm-profile>

Usage

```

<wwand-modem-wireless-interface-profiles>
  <gsm-profiles>
    <gsm-profile>
      <profile-id>
        profile-id
      </profile-id>
      <profile-valid>
        profile-valid
      </profile-valid>
      <profile-username>
        profile-username
      </profile-username>
      <profile-password>
        profile-password
      </profile-password>
      <profile-access-point-name>
        profile-access-point-name
      </profile-access-point-name>
      <profile-authentication>
        profile-authentication
      </profile-authentication>
    </gsm-profile>
  </gsm-profiles>
</wwand-modem-wireless-interface-profiles>

```

Description

<gsm-profile>

Usage

```

<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-profiles>
    <gsm-profiles>
      <gsm-profile>
        <profile-id>
          profile-id
        </profile-id>
        <profile-valid>
          profile-valid
        </profile-valid>
        <profile-username>
          profile-username
        </profile-username>
        <profile-password>
          profile-password
        </profile-password>
        <profile-access-point-name>
          profile-access-point-name
        </profile-access-point-name>
        <profile-authentication>

```

```
        profile-authentication
      </profile-authentication>
    </gsm-profile>
  </gsm-profiles>
</wwand-modem-wireless-interface-profiles>
</wwand-modem-wireless-interface>
```

Description

<gsm-profiles>

Usage

```
<gsm-profiles>
  <gsm-profile>....</gsm-profile>
</gsm-profiles>
```

Description

<gsm-profiles>

Usage

```
<wwand-modem-wireless-interface-profiles>
  <gsm-profiles>
    <gsm-profile>....</gsm-profile>
  </gsm-profiles>
</wwand-modem-wireless-interface-profiles>
```

Description

<gsm-profiles>

Usage

```
<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-profiles>
    <gsm-profiles>
      <gsm-profile>....</gsm-profile>
    </gsm-profiles>
  </wwand-modem-wireless-interface-profiles>
</wwand-modem-wireless-interface>
```

Description

<profile-summary>

Usage

```
<profile-summary>
  <max-profiles>
    max-profiles
  </max-profiles>
  <default-profile>
    default-profile
  </default-profile>
```

```
</profile-summary>
```

Description

```
<profile-summary>
```

Usage

```
<wwand-modem-wireless-interface-profiles>
  <profile-summary>
    <max-profiles>
      max-profiles
    </max-profiles>
    <default-profile>
      default-profile
    </default-profile>
  </profile-summary>
</wwand-modem-wireless-interface-profiles>
```

Description

```
<profile-summary>
```

Usage

```
<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-profiles>
    <profile-summary>
      <max-profiles>
        max-profiles
      </max-profiles>
      <default-profile>
        default-profile
      </default-profile>
    </profile-summary>
  </wwand-modem-wireless-interface-profiles>
</wwand-modem-wireless-interface>
```

Description

```
<wwand-modem-wireless-cdma-interface-firmware>
```

Usage

```
<wwand-modem-wireless-cdma-interface-firmware>
  <electronic-serial-number>
    electronic-serial-number
  </electronic-serial-number>
  <prl-version>
    prl-version
  </prl-version>
  <supported-mode>
    supported-mode
  </supported-mode>
  <modem-activation>
    modem-activation
  </modem-activation>
```

```
<activation-date>
  activation-date
</activation-date>
<powerup-lock>
  powerup-lock
</powerup-lock>
</wwand-modem-wireless-cdma-interface-firmware>
```

Description

<wwand-modem-wireless-gsm-interface-firmware>

Usage

```
<wwand-modem-wireless-gsm-interface-firmware>
  <gsm-fsn>
    gsm-fsn
  </gsm-fsn>
  <pin-security>
    pin-security
  </pin-security>
  <gsm-imei>
    gsm-imei
  </gsm-imei>
  <sim-status>
    sim-status
  </sim-status>
  <sim-lock>
    sim-lock
  </sim-lock>
  <gsm-user-op>
    gsm-user-op
  </gsm-user-op>
  <retries-remaining>
    retries-remaining
  </retries-remaining>
</wwand-modem-wireless-gsm-interface-firmware>
```

Description

<wwand-modem-wireless-gsm-interface-network>

Usage

```
<wwand-modem-wireless-gsm-interface-network>
  <modem-status>
    modem-status
  </modem-status>
  <service-status>
    service-status
  </service-status>
  <service-type>
    service-type
  </service-type>
  <service-mode>
    service-mode
```

```

</service-mode>
<gsm-band>
  gsm-band
</gsm-band>
<gsm-roaming-status>
  gsm-roaming-status
</gsm-roaming-status>
<network-selection>
  network-selection
</network-selection>
<network>
  network
</network>
<mcc>
  mcc
</mcc>
<mnc>
  mnc
</mnc>
<msin>
  msin
</msin>
<lac>
  lac
</lac>
<rac>
  rac
</rac>
<cell-id>
  cell-id
</cell-id>
<scrambling-code>
  scrambling-code
</scrambling-code>
</wwand-modem-wireless-gsm-interface-network>

```

Description

<wwand-modem-wireless-interface>

Usage

```
<wwand-modem-wireless-interface>
```

```
<wwand-modem-wireless-interface-firmware>....</wwand-modem-wireless-interface-firmware>
```

```
<wwand-modem-wireless-interface-network>....</wwand-modem-wireless-interface-network>
```

```
<wwand-modem-wireless-interface-rssi>....</wwand-modem-wireless-interface-rssi>
```

```
<wwand-modem-wireless-interface-profiles>....</wwand-modem-wireless-interface-profiles>
```

```
</wwand-modem-wireless-interface>
```

Description

```
<wwand-modem-wireless-interface-firmware>
```

Usage

```
<wwand-modem-wireless-interface-firmware>
  <firmware-version>
    firmware-version
  </firmware-version>
  <firmware-build-date>
    firmware-build-date
  </firmware-build-date>
  <card-type>
    card-type
  </card-type>
  <card-manufacturer>
    card-manufacturer
  </card-manufacturer>
  <hardware-version>
    hardware-version
  </hardware-version>
  <modem-temperature>
    modem-temperature
  </modem-temperature>
</wwand-modem-wireless-interface-firmware>
```

Description

```
<wwand-modem-wireless-interface-firmware>
```

Usage

```
<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-firmware>
    <firmware-version>
      firmware-version
    </firmware-version>
    <firmware-build-date>
      firmware-build-date
    </firmware-build-date>
    <card-type>
      card-type
    </card-type>
    <card-manufacturer>
      card-manufacturer
    </card-manufacturer>
    <hardware-version>
      hardware-version
    </hardware-version>
    <modem-temperature>
      modem-temperature
    </modem-temperature>
  </wwand-modem-wireless-interface-firmware>
```

```
</wwand-modem-wireless-interface>
```

Description

<wwand-modem-wireless-interface-network>

Usage

```
<wwand-modem-wireless-interface-network>
  <running-operating-mode>
    running-operating-mode
  </running-operating-mode>
  <call-setup-mode>
    call-setup-mode
  </call-setup-mode>
  <system-identifier>
    system-identifier
  </system-identifier>
  <network-identifier>
    network-identifier
  </network-identifier>
  <imsi>
    imsi
  </imsi>
  <roaming-status>
    roaming-status
  </roaming-status>
  <idle-digital-mode>
    idle-digital-mode
  </idle-digital-mode>
  <network-time>
    network-time
  </network-time>
</wwand-modem-wireless-interface-network>
```

Description

<wwand-modem-wireless-interface-network>

Usage

```
<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-network>
    <running-operating-mode>
      running-operating-mode
    </running-operating-mode>
    <call-setup-mode>
      call-setup-mode
    </call-setup-mode>
    <system-identifier>
      system-identifier
    </system-identifier>
    <network-identifier>
      network-identifier
    </network-identifier>
    <imsi>
```

```
    imsi
  </imsi>
  <roaming-status>
    roaming-status
  </roaming-status>
  <idle-digital-mode>
    idle-digital-mode
  </idle-digital-mode>
  <network-time>
    network-time
  </network-time>
</wwand-modem-wireless-interface-network>
</wwand-modem-wireless-interface>
```

Description

<wwand-modem-wireless-interface-profiles>

Usage

```
<wwand-modem-wireless-interface-profiles>
  <profile-summary>....</profile-summary>
  <gsm-profiles>....</gsm-profiles>
</wwand-modem-wireless-interface-profiles>
```

Description

<wwand-modem-wireless-interface-profiles>

Usage

```
<wwand-modem-wireless-interface>
  <wwand-modem-wireless-interface-profiles>
    <profile-summary>....</profile-summary>
    <gsm-profiles>....</gsm-profiles>
  </wwand-modem-wireless-interface-profiles>
</wwand-modem-wireless-interface>
```

Description

<wwand-modem-wireless-interface-rssi>

Usage

```
<wwand-modem-wireless-interface-rssi>
  <rssi>
    rssi
  </rssi>
</wwand-modem-wireless-interface-rssi>
```

Description

<wwand-modem-wireless-interface-rssi>

Usage

```
<wwand-modem-wireless-interface>
```



```

<wwand-modem-wireless-interface-rssi>
  <rssi>
    rssi
  </rssi>
</wwand-modem-wireless-interface-rssi>
</wwand-modem-wireless-interface>

```

Description

Summary of WXOS Protocol Response Tags

<wx-status>

Usage

```

<wx-status>
  <wx-redirect-status>
    wx-redirect-status
  </wx-redirect-status>
  <wx-interface-name>
    wx-interface-name
  </wx-interface-name>
  <wx-primary-ip>
    wx-primary-ip
  </wx-primary-ip>
  <wx-secondary-ip>
    wx-secondary-ip
  </wx-secondary-ip>
  <junos-version>
    junos-version
  </junos-version>
  <wxos-version>
    wxos-version
  </wxos-version>
  <junos-wxos-protocol-compatibility-status>
    junos-wxos-protocol-compatibility-status
  </junos-wxos-protocol-compatibility-status>
  <junos-protocol-version>
    junos-protocol-version
  </junos-protocol-version>
  <wxos-protocol-version>
    wxos-protocol-version
  </wxos-protocol-version>
</wx-status>

```

Description Information about WX Status

Summary of Zones Response Tags

<zones-functional>

Usage

```

<zones-information>

```

```
<zones-functional>
  <zones-management>....</zones-management>
</zones-functional>
</zones-information>
```

Description Information about one or more functional zones

<zones-information>

Usage

```
<zones-information>
  <zones-functional>....</zones-functional>
  <zones-security>....</zones-security>
</zones-information>
```

Description Information about one or more zones

<zones-management>

Usage

```
<zones-information>
  <zones-functional>
    <zones-management>
      <zones-management-zonename>
        zones-management-zonename
      </zones-management-zonename>
      <zones-management-description>
        zones-management-description
      </zones-management-description>
      <zones-management-policy-configurable>
        zones-management-policy-configurable
      </zones-management-policy-configurable>
      <zones-management-screen>
        zones-management-screen
      </zones-management-screen>
      <zones-management-interfaces-bound>
        zones-management-interfaces-bound
      </zones-management-interfaces-bound>
      <zones-management-interfaces>....</zones-management-interfaces>
    </zones-management>
  </zones-functional>
</zones-information>
```

Description Information about management zone

<zones-management-interfaces>

Usage

```
<zones-information>
  <zones-functional>
    <zones-management>
```

```

    <zones-management-interfaces>
      <zones-management-interface-name>
        zones-management-interface-name
      </zones-management-interface-name>
    </zones-management-interfaces>
  </zones-management>
</zones-functional>
</zones-information>

```

Description Interfaces bound to the zone

<zones-security>

Usage

```

<zones-information>
  <zones-security>
    <zones-security-zonename>
      zones-security-zonename
    </zones-security-zonename>
    <zones-security-description>
      zones-security-description
    </zones-security-description>
    <zones-security-send-reset>
      zones-security-send-reset
    </zones-security-send-reset>
    <zones-security-policy-configurable>
      zones-security-policy-configurable
    </zones-security-policy-configurable>
    <zones-security-screen>
      zones-security-screen
    </zones-security-screen>
    <zones-security-interfaces-bound>
      zones-security-interfaces-bound
    </zones-security-interfaces-bound>
    <zones-security-interfaces>....</zones-security-interfaces>
  </zones-security>
</zones-information>

```

Description Information about one or more security zone

<zones-security-interfaces>

Usage

```

<zones-information>
  <zones-security>
    <zones-security-interfaces>
      <zones-security-interface-name>
        zones-security-interface-name
      </zones-security-interface-name>
    </zones-security-interfaces>
  </zones-security>
</zones-information>

```

Description Interfaces bound to the zone

PART 4

Junos XML Document Type Definitions

The chapters in this section contain the document type definitions (DTDs) for the Junos Extensible Markup Language (XML) tag elements that contain information about various routing platform functions:

- DTD for Accounting Response Tags on page 7581
- DTD for Adaptive Services Response Tags on page 7593
- DTD for Alarm Response Tags on page 7649
- DTD for ANCP Response Tags on page 7651
- DTD for APPIDD Response Tags on page 7657
- DTD for APS Response Tags on page 7661
- DTD for ARP Response Tags on page 7663
- DTD for Authentication Response Tags on page 7665
- DTD for BFD Response Tags on page 7673
- DTD for CFM Response Tags on page 7677
- DTD for Chassis Response Tags on page 7693
- DTD for Clock Synchronization Response Tags on page 7719
- DTD for Class-of-Service Response Tags on page 7723
- DTD for Database Replication Response Tags on page 7737
- DTD for Dynamic Flow Capture Response Tags on page 7739
- DTD for DHCP Relay Response Tags on page 7743
- DTD for DHCP Server Response Tags on page 7747
- DTD for DHCP Response Tags on page 7753
- DTD for Dialer Response Tags on page 7757
- DTD for Dynamic Configuration Response Tags on page 7761
- DTD for Firewall Filter Response Tags on page 7767
- DTD for J20 GGSN Response Tags on page 7769
- DTD for GRES Test Point Response Tags on page 7785
- DTD for UDP Forwarding Helper Response Tags on page 7787
- DTD for ICCP Response Tags on page 7789
- DTD for IDP Response Tags on page 7791

- DTD for Interface Metadata Response Tags on page 7801
- DTD for Interfaces Response Tags on page 7803
- DTD for IPSec Response Tags on page 7869
- DTD for IPv6 Neighbor Discovery Response Tags on page 7879
- DTD for Junos Diameter Response Tags on page 7881
- DTD for JNX Example Response Tags on page 7897
- DTD for L2AL Response Tags on page 7899
- DTD for L2CP Response Tags on page 7911
- DTD for LACPD Response Tags on page 7925
- DTD for LFM Response Tags on page 7929
- DTD for License Response Tags on page 7935
- DTD for Licensed Feature Metadata Response Tags on page 7939
- DTD for MIP Response Tags on page 7941
- DTD for MPLS OAM Response Tags on page 7947
- DTD for MSP Info Response Tags on page 7951
- DTD for OAM Response Tags on page 7953
- DTD for Packet Triggered Subscribers Response Tags on page 7955
- DTD for Passive Monitoring Response Tags on page 7961
- DTD for PGM Response Tags on page 7965
- DTD for PKI Response Tags on page 7969
- DTD for PPM Response Tags on page 7975
- DTD for PPP Response Tags on page 7979
- DTD for UDP PPPoED Response Tags on page 7985
- DTD for Probe Tests Response Tags on page 7989
- DTD for System Process Response Tags on page 7995
- DTD for Product Metadata Response Tags on page 8001
- DTD for R2CPD Response Tags on page 8003
- DTD for Redundant Interfaces Response Tags on page 8007
- DTD for Relay Response Tags on page 8009
- DTD for Resource Cleanup Response Tags on page 8011
- DTD for Routing Protocols Response Tags on page 8013
- DTD for RPM Response Tags on page 8133
- DTD for Routing and Forwarding Response Tags on page 8139
- DTD for SDX Response Tags on page 8143
- DTD for SecPollInfo Response Tags on page 8145
- DTD for Services Accounting Response Tags on page 8147
- DTD for Services Flow Collector Response Tags on page 8155

- DTD for Shared Memory Event Library Response Tags on page 8159
- DTD for Shutdown Response Tags on page 8161
- DTD for Server Load Balancer Response Tags on page 8163
- DTD for SMPL Response Tags on page 8169
- DTD for SNMP Response Tags on page 8171
- DTD for Static Subscribers Response Tags on page 8179
- DTD for Statistics Response Tags on page 8181
- DTD for Subscriber Management Response Tags on page 8209
- DTD for Subscribers Response Tags on page 8211
- DTD for Switchover Response Tags on page 8217
- DTD for VRRPD Response Tags on page 8219
- DTD for X.509 Certificate Response Tags on page 8225

DTD for Accounting Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-accounting.dtd`, which lists the Junos XML tags that contain information about Junos OS accounting. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-accounting.dtd -->

<!ELEMENT accounting-profile-columns (column-label)*>

<!ELEMENT accounting-profile-filter (filter-name | next-scheduled-collection)*>

<!ELEMENT accounting-profile-header (profile-name | profile-type | profile-interval
| profile-use-count | filename | filesize | filenumber | bytes-written |
transfer-interval | next-transfer-time)*>
<!ATTLIST accounting-profile-header junos:style CDATA #IMPLIED>

<!ELEMENT accounting-profile-information (accounting-profile-header |
accounting-profile-columns | accounting-profile-interfaces | accounting-profile-mib
| accounting-profile-filter)*>

<!ELEMENT accounting-profile-interfaces (interface-name |
next-scheduled-collection)*>

<!ELEMENT accounting-profile-mib (mib-name | next-scheduled-collection)*>

<!ELEMENT accounting-record-information (interface-accounting-statistics |
routing-engine-accounting-statistics | filter-accounting-statistics |
cu-accounting-statistics | mib-accounting-statistics | file-accounting-records)*>

<!ELEMENT address-family (#PCDATA)>

<!ELEMENT arp-count (#PCDATA)>

<!ELEMENT atm-oam-count (#PCDATA)>

<!ELEMENT bad-route-discard (#PCDATA)>

<!ELEMENT bfd-bad-checksum (#PCDATA)>

<!ELEMENT bfd-bad-ifl-prefix-length (#PCDATA)>

<!ELEMENT bfd-bad-length (#PCDATA)>
```

```
<!ELEMENT bfd-bad-options (#PCDATA)>

<!ELEMENT bfd-bad-udp-checksum (#PCDATA)>

<!ELEMENT bfd-bad-udp-length (#PCDATA)>

<!ELEMENT bfd-bad-udp-ports (#PCDATA)>

<!ELEMENT bfd-count (#PCDATA)>

<!ELEMENT bfd-invalid-iff (#PCDATA)>

<!ELEMENT bfd-invalid-iif (#PCDATA)>

<!ELEMENT bfd-no-local-if1 (#PCDATA)>

<!ELEMENT bfd-out-of-packets (#PCDATA)>

<!ELEMENT bfd-rx-queue-overflow (#PCDATA)>

<!ELEMENT bfd-total-absorbed (#PCDATA)>

<!ELEMENT bfd-total-packets (#PCDATA)>

<!ELEMENT bfd-transmit-errors (#PCDATA)>

<!ELEMENT bits-to-test-discard (#PCDATA)>

<!ELEMENT byte-count (#PCDATA)>

<!ELEMENT bytes-written (#PCDATA)>

<!ELEMENT cfm-packets-absorbed (#PCDATA)>

<!ELEMENT cfm-packets-dropped (#PCDATA)>

<!ELEMENT cfm-packets-received (#PCDATA)>

<!ELEMENT cfm-packets-received-invalid-length (#PCDATA)>

<!ELEMENT cfm-packets-received-with-sequence-number (#PCDATA)>

<!ELEMENT cfm-packets-sent-to-re (#PCDATA)>

<!ELEMENT cfm-packets-transmit-error (#PCDATA)>

<!ELEMENT cfm-packets-transmitted (#PCDATA)>

<!ELEMENT column-label (#PCDATA)>

<!ELEMENT counter-name (#PCDATA)>

<!ELEMENT cpu15min (#PCDATA)>

<!ELEMENT cpu1min (#PCDATA)>

<!ELEMENT cpu5min (#PCDATA)>

<!ELEMENT cu-accounting-record (profile-layout | epoch-timestamp | utc-timestamp
| interface-name | address-family | destination-class-name | source-class-name
```

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| counter-name | packet-count | byte-count)*>
<!ATTLIST cu-accounting-record junos:style CDATA #IMPLIED>

<!ELEMENT cu-accounting-statistics (cu-accounting-record)*>

<!ELEMENT data-error-discard (#PCDATA)>

<!ELEMENT date-yyyyymmdd (#PCDATA)>

<!ELEMENT destination-class-name (#PCDATA)>

<!ELEMENT epoch-timestamp (#PCDATA)>

<!ELEMENT error (#PCDATA)>

<!ELEMENT ether-oam-count (#PCDATA)>

<!ELEMENT fabric-discard (#PCDATA)>

<!ELEMENT file-accounting-record (profile-layout | epoch-timestamp)*>

<!ELEMENT file-accounting-records (file-accounting-record)*>

<!ELEMENT filename (#PCDATA)>

<!ELEMENT filenumber (#PCDATA)>

<!ELEMENT filesize (#PCDATA)>

<!ELEMENT filter-accounting-record (profile-layout | epoch-timestamp |
utc-timestamp | interfaces | filter-name | counter-name | packet-count |
byte-count)*>
<!ATTLIST filter-accounting-record junos:style CDATA #IMPLIED>

<!ELEMENT filter-accounting-statistics (filter-accounting-record)*>

<!ELEMENT filter-name (#PCDATA)>

<!ELEMENT forwarding-class-name (#PCDATA)>

<!ELEMENT fr-lmi-count (#PCDATA)>

<!ELEMENT hardware-input-drops (#PCDATA)>

<!ELEMENT hdlc-keepalive-count (#PCDATA)>

<!ELEMENT hostname (#PCDATA)>

<!ELEMENT index (index-name | index-value)*>

<!ELEMENT index-name (#PCDATA)>

<!ELEMENT index-value (#PCDATA)>

<!ELEMENT info-cell-discard (#PCDATA)>

<!ELEMENT input-bytes (#PCDATA)>

<!ELEMENT input-checksum (#PCDATA)>

<!ELEMENT input-errors (#PCDATA)>

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```
<!ELEMENT input-multicast (#PCDATA)>

<!ELEMENT input-packets (#PCDATA)>

<!ELEMENT input-pps (#PCDATA)>

<!ELEMENT input-unicast (#PCDATA)>

<!ELEMENT interface-accounting-record (profile-layout | epoch-timestamp |
utc-timestamp | interface-name | snmp-index | input-bytes | output-bytes |
input-packets | output-packets | input-unicast | output-unicast | input-multicast
| output-multicast | input-errors | output-errors | no-proto | rpf-check-bytes
| rpf-check-packets | rpf-check6-bytes | rpf-check6-packets)*>
<!ATTLIST interface-accounting-record junos:style CDATA #IMPLIED>

<!ELEMENT interface-accounting-statistics (interface-accounting-record)*>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interfaces (#PCDATA)>

<!ELEMENT invalid-iif-discard (#PCDATA)>

<!ELEMENT isis-iih-count (#PCDATA)>

<!ELEMENT larp-count (#PCDATA)>

<!ELEMENT ldp-hello-count (#PCDATA)>

<!ELEMENT lfm-packets-absorbed (#PCDATA)>

<!ELEMENT lfm-packets-dropped (#PCDATA)>

<!ELEMENT lfm-packets-received (#PCDATA)>

<!ELEMENT lfm-packets-sent-to-re (#PCDATA)>

<!ELEMENT lfm-packets-transmit-error (#PCDATA)>

<!ELEMENT lfm-packets-transmitted (#PCDATA)>

<!ELEMENT memory-usage (#PCDATA)>

<!ELEMENT mgmt-state (#PCDATA)>

<!ELEMENT mib-accounting-record (profile | epoch-timestamp | utc-timestamp | name
| object-value)*>
<!ATTLIST mib-accounting-record junos:style CDATA #IMPLIED>

<!ELEMENT mib-accounting-statistics (mib-accounting-record)*>

<!ELEMENT mib-name (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT next-scheduled-collection (#PCDATA)>

<!ELEMENT next-transfer-time (#PCDATA)>

<!ELEMENT nexthop-discard (#PCDATA)>
```

```

<!ELEMENT no-proto (#PCDATA)>

<!ELEMENT number (#PCDATA)>

<!ELEMENT object-value (#PCDATA)>

<!ELEMENT object-value-type (#PCDATA)>

<!ELEMENT oid (#PCDATA)>

<!ELEMENT ospf-hello-count (#PCDATA)>

<!ELEMENT ospf3-hello-count (#PCDATA)>

<!ELEMENT output-bytes (#PCDATA)>

<!ELEMENT output-errors (#PCDATA)>

<!ELEMENT output-mtu (#PCDATA)>

<!ELEMENT output-multicast (#PCDATA)>

<!ELEMENT output-packets (#PCDATA)>

<!ELEMENT output-pps (#PCDATA)>

<!ELEMENT output-unicast (#PCDATA)>

<!ELEMENT packet-count (#PCDATA)>

<!ELEMENT pfe (slot-index | slot-type | slot-state | mgmt-state | up-time)*>

<!ELEMENT pfe-bfd-statistics-detail (bfd-invalid-iif | bfd-invalid-iff |
bfd-bad-checksum | bfd-bad-options | bfd-bad-length | bfd-bad-udp-checksum |
bfd-bad-udp-length | bfd-bad-udp-ports | bfd-no-local-ifl |
bfd-bad-ifl-prefix-length | bfd-rx-queue-overflow | bfd-out-of-packets |
bfd-total-packets | bfd-total-absorbed | bfd-transmit-errors)*>

<!ELEMENT pfe-cfm-statistics-detail (cfm-packets-received | cfm-packets-sent-to-re
| cfm-packets-absorbed | cfm-packets-received-with-sequence-number |
cfm-packets-received-invalid-length | cfm-packets-transmitted |
cfm-packets-transmit-error | cfm-packets-dropped)*>

<!ELEMENT pfe-chip-statistics (input-checksum | output-mtu)*>

<!ELEMENT pfe-cpu-stats (pfe-queue-counters)*>

<!ELEMENT pfe-description (#PCDATA)>

<!ELEMENT pfe-forwarding-module-instance (#PCDATA)>

<!ELEMENT pfe-forwarding-module-name (#PCDATA)>

<!ELEMENT pfe-fpc-instance (#PCDATA)>

<!ELEMENT pfe-hardware-discard-statistics (timeout-discard | truncated-key-discard
| bits-to-test-discard | data-error-discard | stack-underflow-discard |
stack-overflow-discard | bad-route-discard | nexthop-discard | invalid-iif-discard
| info-cell-discard | fabric-discard)*>

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```
<!ELEMENT pfe-information (pfe)*>
<!ATTLIST pfe-information junos:style CDATA #IMPLIED>

<!ELEMENT pfe-input-packets (#PCDATA)>

<!ELEMENT pfe-instance (#PCDATA)>

<!ELEMENT pfe-lfm-statistics-detail (lfm-packets-received | lfm-packets-sent-to-re
| lfm-packets-absorbed | lfm-packets-transmitted | lfm-packets-transmit-error |
lfm-packets-dropped)*>

<!ELEMENT pfe-local-protocol-statistics (hdlc-keepalive-count | atm-oam-count |
fr-lmi-count | ppp-lcp-ncp-count | ospf-hello-count | ospf3-hello-count |
rsvp-hello-count | ldp-hello-count | bfd-count | isis-iih-count | lacp-count |
arp-count | ether-oam-count | unknown-count)*>

<!ELEMENT pfe-local-traffic-statistics (pfe-input-packets | pfe-output-packets |
software-input-control-drops | software-input-high-drops |
software-input-medium-drops | software-input-low-drops | software-output-low-drops
| hardware-input-drops)*>

<!ELEMENT pfe-multicast-stats (pfe-queue-counters)*>

<!ELEMENT pfe-output-packets (#PCDATA)>

<!ELEMENT pfe-queue (number | forwarding-class-name | queued-packets |
queued-packets-na | queued-bytes-na | queued-bytes | queued-packets-rate |
queued-bytes-rate | trans-packets | trans-bytes | trans-packets-rate |
trans-bytes-rate | tail-drop-packets | tail-drop-packets-rate |
tail-drop-packets-na | rate-limit-drop-packets | rate-limit-drop-packets-rate |
rate-limit-drop-packets-na | rate-limit-drop-bytes | rate-limit-drop-bytes-rate
| rate-limit-drop-bytes-na | red-packets-na | red-packets | red-bytes-na |
red-bytes | red-packets-rate | red-bytes-rate | red-packets-ln | red-bytes-ln |
red-packets-rate-ln | red-bytes-rate-ln | red-packets-lt | red-bytes-lt |
red-packets-rate-lt | red-bytes-rate-lt | red-packets-ht | red-bytes-ht |
red-packets-rate-ht | red-bytes-rate-ht | red-packets-hn | red-bytes-hn |
red-packets-rate-hn | red-bytes-rate-hn | red-packets-low | red-bytes-low |
red-packets-rate-low | red-bytes-rate-low | red-packets-medium-low |
red-bytes-medium-low | red-packets-rate-medium-low | red-bytes-rate-medium-low |
red-packets-medium-high | red-bytes-medium-high | red-packets-rate-medium-high
| red-bytes-rate-medium-high | red-packets-medium | red-bytes-medium |
red-packets-rate-medium | red-bytes-rate-medium | red-packets-high | red-bytes-high
| red-packets-rate-high | red-bytes-rate-high)*>

<!ELEMENT pfe-queue-counters (pfe-queue)*>

<!ELEMENT pfe-resource (pfe-resource-usage)*>

<!ELEMENT pfe-resource-free (#PCDATA)>

<!ELEMENT pfe-resource-general-information (pfe-description | pfe-instance |
pfe-forwarding-module-name | pfe-forwarding-module-instance |
pfe-resource-usage-details)*>

<!ELEMENT pfe-resource-highlight (#PCDATA)>

<!ELEMENT pfe-resource-inuse (#PCDATA)>

<!ELEMENT pfe-resource-inuse-percent (#PCDATA)>

<!ELEMENT pfe-resource-name (#PCDATA)>
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<!ELEMENT pfe-resource-total (#PCDATA)>

<!ELEMENT pfe-resource-units (#PCDATA)>

<!ELEMENT pfe-resource-usage (pfe-fpc-instance | pfe-resource-usage-legend |
pfe-resource-general-information)*>

<!ELEMENT pfe-resource-usage-details (pfe-resource-total | pfe-resource-units |
pfe-resource-free | pfe-resource-inuse | pfe-resource-name |
pfe-resource-inuse-percent | pfe-resource-highlight)*>

<!ELEMENT pfe-resource-usage-legend (#PCDATA)>

<!ELEMENT pfe-statistics (pfe-multicast-stats | pfe-cpu-stats |
pfe-tail-drop-statistics | pfe-total-tail-drop | pfe-traffic-statistics |
pfe-local-traffic-statistics | pfe-local-protocol-statistics |
pfe-bfd-statistics-detail | pfe-cfm-statistics-detail | pfe-lfm-statistics-detail
| pfe-vrrp-statistics-detail | pfe-hardware-discard-statistics |
pfe-chip-statistics)*>

<!ELEMENT pfe-tail-drop-statistics (pfe-queue-counters)*>

<!ELEMENT pfe-total-tail-drop (pfe-queue-counters)*>

<!ELEMENT pfe-traffic-statistics (pfe-input-packets | pfe-output-packets |
input-pps | output-pps)*>

<!ELEMENT pfe-vrrp-statistics-detail (vrrp-packets-received |
vrrp-packets-sent-to-re | vrrp-packets-absorbed | vrrp-packets-transmitted |
vrrp-packets-transmit-error | vrrp-packets-dropped)*>

<!ELEMENT ppp-lcp-ncp-count (#PCDATA)>

<!ELEMENT profile (#PCDATA)>

<!ELEMENT profile-interval (#PCDATA)>

<!ELEMENT profile-layout (#PCDATA)>

<!ELEMENT profile-name (#PCDATA)>

<!ELEMENT profile-type (#PCDATA)>

<!ELEMENT profile-use-count (#PCDATA)>

<!ELEMENT queued-bytes (#PCDATA)>

<!ELEMENT queued-bytes-na (#PCDATA)>

<!ELEMENT queued-bytes-rate (#PCDATA)>

<!ELEMENT queued-packets (#PCDATA)>

<!ELEMENT queued-packets-na (#PCDATA)>

<!ELEMENT queued-packets-rate (#PCDATA)>

<!ELEMENT rate-limit-drop-bytes (#PCDATA)>

<!ELEMENT rate-limit-drop-bytes-na (#PCDATA)>

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<!ELEMENT rate-limit-drop-bytes-rate (#PCDATA)>
<!ELEMENT rate-limit-drop-packets (#PCDATA)>
<!ELEMENT rate-limit-drop-packets-na (#PCDATA)>
<!ELEMENT rate-limit-drop-packets-rate (#PCDATA)>
<!ELEMENT red-bytes (#PCDATA)>
<!ELEMENT red-bytes-high (#PCDATA)>
<!ELEMENT red-bytes-hn (#PCDATA)>
<!ELEMENT red-bytes-ht (#PCDATA)>
<!ELEMENT red-bytes-ln (#PCDATA)>
<!ELEMENT red-bytes-low (#PCDATA)>
<!ELEMENT red-bytes-lt (#PCDATA)>
<!ELEMENT red-bytes-medium (#PCDATA)>
<!ELEMENT red-bytes-medium-high (#PCDATA)>
<!ELEMENT red-bytes-medium-low (#PCDATA)>
<!ELEMENT red-bytes-na (#PCDATA)>
<!ELEMENT red-bytes-rate (#PCDATA)>
<!ELEMENT red-bytes-rate-high (#PCDATA)>
<!ELEMENT red-bytes-rate-hn (#PCDATA)>
<!ELEMENT red-bytes-rate-ht (#PCDATA)>
<!ELEMENT red-bytes-rate-ln (#PCDATA)>
<!ELEMENT red-bytes-rate-low (#PCDATA)>
<!ELEMENT red-bytes-rate-lt (#PCDATA)>
<!ELEMENT red-bytes-rate-medium (#PCDATA)>
<!ELEMENT red-bytes-rate-medium-high (#PCDATA)>
<!ELEMENT red-bytes-rate-medium-low (#PCDATA)>
<!ELEMENT red-packets (#PCDATA)>
<!ELEMENT red-packets-high (#PCDATA)>
<!ELEMENT red-packets-hn (#PCDATA)>
<!ELEMENT red-packets-ht (#PCDATA)>
<!ELEMENT red-packets-ln (#PCDATA)>
```



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<!ELEMENT red-packets-low (#PCDATA)>
<!ELEMENT red-packets-lt (#PCDATA)>
<!ELEMENT red-packets-medium (#PCDATA)>
<!ELEMENT red-packets-medium-high (#PCDATA)>
<!ELEMENT red-packets-medium-low (#PCDATA)>
<!ELEMENT red-packets-na (#PCDATA)>
<!ELEMENT red-packets-rate (#PCDATA)>
<!ELEMENT red-packets-rate-high (#PCDATA)>
<!ELEMENT red-packets-rate-hn (#PCDATA)>
<!ELEMENT red-packets-rate-ht (#PCDATA)>
<!ELEMENT red-packets-rate-ln (#PCDATA)>
<!ELEMENT red-packets-rate-low (#PCDATA)>
<!ELEMENT red-packets-rate-lt (#PCDATA)>
<!ELEMENT red-packets-rate-medium (#PCDATA)>
<!ELEMENT red-packets-rate-medium-high (#PCDATA)>
<!ELEMENT red-packets-rate-medium-low (#PCDATA)>
<!ELEMENT routing-engine-accounting-record (profile-layout | epoch-timestamp |
utc-timestamp | hostname | date-yyyymmdd | timeofday-hhmmss | uptime | cpu1min |
cpu5min | cpu15min | memory-usage | total-cpu-usage)*>
<!--ATTLIST routing-engine-accounting-record junos:style CDATA #IMPLIED-->
<!ELEMENT routing-engine-accounting-statistics (routing-engine-accounting-record)*>
<!ELEMENT rpf-check-bytes (#PCDATA)>
<!ELEMENT rpf-check-packets (#PCDATA)>
<!ELEMENT rpf-check6-bytes (#PCDATA)>
<!ELEMENT rpf-check6-packets (#PCDATA)>
<!ELEMENT rsvp-hello-count (#PCDATA)>
<!ELEMENT slot-index (#PCDATA)>
<!ELEMENT slot-state (#PCDATA)>
<!ELEMENT slot-type (#PCDATA)>
<!ELEMENT snmp-index (#PCDATA)>
<!ELEMENT snmp-object (name | index | oid | object-value | object-value-type |
error)*>
<!ELEMENT snmp-object-information (snmp-object | snmp-request-error)*>

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```
<!ELEMENT snmp-req-error-value (#PCDATA)>
<!ELEMENT snmp-request-error (snmp-req-error-value)*>
<!ELEMENT software-input-control-drops (#PCDATA)>
<!ELEMENT software-input-high-drops (#PCDATA)>
<!ELEMENT software-input-low-drops (#PCDATA)>
<!ELEMENT software-input-medium-drops (#PCDATA)>
<!ELEMENT software-output-low-drops (#PCDATA)>
<!ELEMENT source-class-name (#PCDATA)>
<!ELEMENT stack-overflow-discard (#PCDATA)>
<!ELEMENT stack-underflow-discard (#PCDATA)>
<!ELEMENT tail-drop-packets (#PCDATA)>
<!ELEMENT tail-drop-packets-na (#PCDATA)>
<!ELEMENT tail-drop-packets-rate (#PCDATA)>
<!ELEMENT timeofday-hhmmss (#PCDATA)>
<!ELEMENT timeout-discard (#PCDATA)>
<!ELEMENT total-cpu-usage (#PCDATA)>
<!ELEMENT trans-bytes (#PCDATA)>
<!ELEMENT trans-bytes-rate (#PCDATA)>
<!ELEMENT trans-packets (#PCDATA)>
<!ELEMENT trans-packets-rate (#PCDATA)>
<!ELEMENT transfer-interval (#PCDATA)>
<!ELEMENT truncated-key-discard (#PCDATA)>
<!ELEMENT unknown-count (#PCDATA)>
<!ELEMENT up-time (#PCDATA)>
<!ATTLIST up-time junos:seconds CDATA #IMPLIED>
<!ELEMENT uptime (#PCDATA)>
<!ATTLIST uptime junos:seconds CDATA #IMPLIED>
<!ELEMENT utc-timestamp (#PCDATA)>
<!ELEMENT vrrp-packets-absorbed (#PCDATA)>
<!ELEMENT vrrp-packets-dropped (#PCDATA)>
<!ELEMENT vrrp-packets-received (#PCDATA)>
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<!ELEMENT vrrp-packets-sent-to-re (#PCDATA)>  
<!ELEMENT vrrp-packets-transmit-error (#PCDATA)>  
<!ELEMENT vrrp-packets-transmitted (#PCDATA)>
```


CHAPTER 18

DTD for Adaptive Services Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-adaptive-services.dtd`, which lists the Junos XML tags that contain information about Junos OS adaptive services. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-adaptive-services.dtd -->

<!ELEMENT ack-invalid (#PCDATA)>

<!ELEMENT ack-retransmits (#PCDATA)>

<!ELEMENT ack-valid (#PCDATA)>

<!ELEMENT active-controller (#PCDATA)>

<!ELEMENT actively-checked-server-address (#PCDATA)>

<!ELEMENT actively-checked-server-last-availability (#PCDATA)>

<!ELEMENT actively-checked-server-name (#PCDATA)>

<!ELEMENT actively-checked-server-next-check (#PCDATA)>

<!ELEMENT alg-bootp-errors (#PCDATA)>

<!ELEMENT alg-dce-rpc-errors (#PCDATA)>

<!ELEMENT alg-dce-rpc-portmap-errors (#PCDATA)>

<!ELEMENT alg-dns-errors (#PCDATA)>

<!ELEMENT alg-error-counters (alg-bootp-errors | alg-dce-rpc-errors |
alg-dce-rpc-portmap-errors | alg-dns-errors | alg-exec-errors | alg-ftp-errors |
alg-h323-errors | alg-icmp-errors | alg-iiop-errors | alg-login-errors |
alg-netbios-errors | alg-netshow-errors | alg-realaudio-errors | alg-rpc-errors
| alg-rpc-portmap-errors | alg-rtsp-errors | alg-shell-errors | alg-sip-errors |
alg-snmp-errors | alg-sqlnet-errors | alg-tftp-errors | alg-traceroute-errors)*>

<!ELEMENT alg-errors (#PCDATA)>

<!ELEMENT alg-exec-errors (#PCDATA)>
```

```
<!ELEMENT alg-ftp-errors (#PCDATA)>
<!ELEMENT alg-h323-errors (#PCDATA)>
<!ELEMENT alg-icmp-errors (#PCDATA)>
<!ELEMENT alg-iio-p-errors (#PCDATA)>
<!ELEMENT alg-login-errors (#PCDATA)>
<!ELEMENT alg-name (#PCDATA)>
<!ELEMENT alg-netbios-errors (#PCDATA)>
<!ELEMENT alg-netshow-errors (#PCDATA)>
<!ELEMENT alg-realaudio-errors (#PCDATA)>
<!ELEMENT alg-rpc-errors (#PCDATA)>
<!ELEMENT alg-rpc-portmap-errors (#PCDATA)>
<!ELEMENT alg-rtsp-errors (#PCDATA)>
<!ELEMENT alg-shell-errors (#PCDATA)>
<!ELEMENT alg-sip-errors (#PCDATA)>
<!ELEMENT alg-snmp-errors (#PCDATA)>
<!ELEMENT alg-sqlnet-errors (#PCDATA)>
<!ELEMENT alg-tftp-errors (#PCDATA)>
<!ELEMENT alg-traceroute-errors (#PCDATA)>
<!ELEMENT audit-observed-events-returns-history (#PCDATA)>
<!ELEMENT bad-checksum (#PCDATA)>
<!ELEMENT bad-syn-cookie-response (#PCDATA)>
<!ELEMENT base-root-entry (brp_name | brp_minimum | brp_maximum | brp_default)*>
<!ELEMENT brp_default (#PCDATA)>
<!ELEMENT brp_maximum (#PCDATA)>
<!ELEMENT brp_minimum (#PCDATA)>
<!ELEMENT brp_name (#PCDATA)>
<!ELEMENT bsg-address-of-record (bsg-aor-name | bsg-aor-bindings-num-of-lu |
bsg-address-of-record-bindings)*>
<!ELEMENT bsg-address-of-record-binding (bsg-aor-bindings-uri |
bsg-aor-bindings-reg-realm | bsg-aor-bindings-service-point |
bsg-aor-bindings-last-reg-time | bsg-aor-bindings-first-reg-time |
bsg-aor-bindings-expiration-time | bsg-aor-bindings-lu)*>
<!ELEMENT bsg-address-of-record-bindings (bsg-address-of-record-binding)*>
```

```

<!ELEMENT bsg-address-of-records (bsg-address-of-record)*>

<!ELEMENT bsg-admission-control-details (bsg-cac-name |
bsg-admission-control-dialogs | bsg-admission-control-transactions)*>

<!ELEMENT bsg-admission-control-dialog-title (#PCDATA)>

<!ELEMENT bsg-admission-control-dialogs (bsg-admission-control-dialog-title |
bsg-admission-controlled-object)*>

<!ELEMENT bsg-admission-control-transaction-title (#PCDATA)>

<!ELEMENT bsg-admission-control-transactions
(bsg-admission-control-transaction-title | bsg-admission-controlled-object)*>

<!ELEMENT bsg-admission-controlled-object (bsg-cac-active |
bsg-cac-attempts-handled | bsg-cac-attempts-rejected-concurrent |
bsg-cac-attempts-rejected-rate)*>

<!ELEMENT bsg-admission-controller (#PCDATA)>

<!ELEMENT bsg-aor-bindings-expiration-time (#PCDATA)>

<!ELEMENT bsg-aor-bindings-first-reg-time (#PCDATA)>

<!ELEMENT bsg-aor-bindings-last-reg-time (#PCDATA)>

<!ELEMENT bsg-aor-bindings-lu (#PCDATA)>

<!ELEMENT bsg-aor-bindings-num-of-lu (#PCDATA)>

<!ELEMENT bsg-aor-bindings-reg-realm (#PCDATA)>

<!ELEMENT bsg-aor-bindings-service-point (#PCDATA)>

<!ELEMENT bsg-aor-bindings-uri (#PCDATA)>

<!ELEMENT bsg-aor-name (#PCDATA)>

<!ELEMENT bsg-cac-active (#PCDATA)>

<!ELEMENT bsg-cac-attempts-handled (#PCDATA)>

<!ELEMENT bsg-cac-attempts-rejected-concurrent (#PCDATA)>

<!ELEMENT bsg-cac-attempts-rejected-rate (#PCDATA)>

<!ELEMENT bsg-cac-name (#PCDATA)>

<!ELEMENT bsg-call-context-id (#PCDATA)>

<!ELEMENT bsg-calls-duration (bsg-calls-duration-details)*>

<!ELEMENT bsg-calls-duration-details (bsg-start-time |
bsg-service-point-calls-duration-details)*>

<!ELEMENT bsg-charging-cdf-host (#PCDATA)>

<!ELEMENT bsg-charging-cdf-name (#PCDATA)>

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<!ELEMENT bsg-charging-cdf-priority (#PCDATA)>

<!ELEMENT bsg-charging-cdf-realm (#PCDATA)>

<!ELEMENT bsg-charging-name (#PCDATA)>

<!ELEMENT bsg-charging-operational-mode (#PCDATA)>

<!ELEMENT bsg-charging-release-number (#PCDATA)>

<!ELEMENT bsg-charging-statistics (number-of-ctf-messages |
number-of-ctf-retries-messages | number-of-ctf-replied-messages |
number-of-ctf-error-replied-messages)*>

<!ELEMENT bsg-charging-status (bsg-charging-name | bsg-charging-release-number |
bsg-charging-operational-mode | bsg-charging-status-cdf)*>

<!ELEMENT bsg-charging-status-cdf (bsg-charging-cdf-name | bsg-charging-cdf-realm
| bsg-charging-cdf-host | bsg-charging-cdf-priority)*>

<!ELEMENT bsg-contact (#PCDATA)>

<!ELEMENT bsg-database-size (database-name | database-size)*>

<!ELEMENT bsg-denied-message (#PCDATA)>

<!ELEMENT bsg-denied-messages-details (bsg-denied-message)*>

<!ELEMENT bsg-dialog-information-call-id (#PCDATA)>

<!ELEMENT bsg-dialog-information-local-tag (#PCDATA)>

<!ELEMENT bsg-dialog-information-local-uri (#PCDATA)>

<!ELEMENT bsg-dialog-information-remote-tag (#PCDATA)>

<!ELEMENT bsg-dialog-information-remote-uri (#PCDATA)>

<!ELEMENT bsg-drain-name-resolution-details (#PCDATA)>

<!ELEMENT bsg-gate-id (#PCDATA)>

<!ELEMENT bsg-information-active-calls (#PCDATA)>

<!ELEMENT bsg-information-brief (bsg-information-brief-details)*>

<!ELEMENT bsg-information-brief-details (bsg-call-context-id | bsg-request-uri |
bsg-contact | bsg-signaling-source-ip | bsg-signaling-destination-ip |
bsg-dialog-information-call-id)*>

<!ELEMENT bsg-information-details-detailed (bsg-service-point-calls-information)*>

<!ELEMENT bsg-information-summary (bsg-information-active-calls)*>

<!ELEMENT bsg-matched-policies (#PCDATA)>

<!ELEMENT bsg-manipulation-rules (#PCDATA)>

<!ELEMENT bsg-media-details (bsg-gate-id | bsg-media-ip | bsg-media-port |
bsg-media-status)*>
```



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<!ELEMENT bsg-media-ip (#PCDATA)>

<!ELEMENT bsg-media-port (#PCDATA)>

<!ELEMENT bsg-media-status (#PCDATA)>

<!ELEMENT bsg-memory-pools (memory-pool-name | memory-pool-chunks-num |
memory-pool-free-chunks-num | memory-pool-chunk-size | memory-pool-chunk-used)*>

<!ELEMENT bsg-name-resolution-cache-information (bsg-nr-cache)*>

<!ELEMENT bsg-name-resolution-entry (bsg-nr-entry-fqdn | bsg-nr-entry-type |
bsg-nr-entry-rdata | bsg-nr-entry-ttl-expiry | bsg-nr-entry-blacklist-expiry)*>

<!ELEMENT bsg-next-hop (#PCDATA)>

<!ELEMENT bsg-nr-cache (bsg-name-resolution-entry)*>

<!ELEMENT bsg-nr-entry-blacklist-expiry (#PCDATA)>

<!ELEMENT bsg-nr-entry-fqdn (#PCDATA)>

<!ELEMENT bsg-nr-entry-rdata (#PCDATA)>

<!ELEMENT bsg-nr-entry-ttl-expiry (#PCDATA)>

<!ELEMENT bsg-nr-entry-type (#PCDATA)>

<!ELEMENT bsg-redundancy-conn-details (#PCDATA)>

<!ELEMENT bsg-redundancy-conn-messages (#PCDATA)>

<!ELEMENT bsg-redundancy-conn-status (#PCDATA)>

<!ELEMENT bsg-redundancy-conn-type (#PCDATA)>

<!ELEMENT bsg-redundancy-connection-info (bsg-redundancy-conn-type |
bsg-redundancy-conn-details | bsg-redundancy-conn-status |
bsg-redundancy-conn-messages)*>

<!ELEMENT bsg-redundancy-info (#PCDATA)>

<!ELEMENT bsg-redundancy-local-or-remote (#PCDATA)>

<!ELEMENT bsg-redundancy-pic-if-name (#PCDATA)>

<!ELEMENT bsg-redundancy-pic-info (bsg-redundancy-local-or-remote |
bsg-redundancy-pic-if-name | bsg-redundancy-pic-ip | bsg-redundancy-pic-rms-role)*>

<!ELEMENT bsg-redundancy-pic-ip (#PCDATA)>

<!ELEMENT bsg-redundancy-pic-rms-role (#PCDATA)>

<!ELEMENT bsg-redundancy-state (#PCDATA)>

<!ELEMENT bsg-registrations (bsg-registrations-start-time |
bsg-registrations-active-registrations)*>

<!ELEMENT bsg-registrations-active-registrations (#PCDATA)>

<!ELEMENT bsg-registrations-realm (bsg-registrations-realm-start-time |

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bsg-registrations-realm-name | bsg-registrations-realm-active-registrations)*>

<!ELEMENT bsg-registrations-realm-active-registrations (#PCDATA)>

<!ELEMENT bsg-registrations-realm-name (#PCDATA)>

<!ELEMENT bsg-registrations-realm-start-time (#PCDATA)>

<!ELEMENT bsg-registrations-start-time (#PCDATA)>

<!ELEMENT bsg-request-uri (#PCDATA)>

<!ELEMENT bsg-routing-blacklist-actively-checked (actively-checked-server-name |
  actively-checked-server-address | actively-checked-server-last-availability |
  actively-checked-server-next-check)*>

<!ELEMENT bsg-routing-blacklist-actively-checked-title (#PCDATA)>

<!ELEMENT bsg-routing-blacklist-actively-checked-wrapper
(bsg-routing-blacklist-actively-checked-title |
bsg-routing-blacklist-actively-checked)*>

<!ELEMENT bsg-routing-blacklist-details (bsg-routing-blacklist-entry)*>

<!ELEMENT bsg-routing-blacklist-entry (bsg-start-time |
bsg-routing-blacklist-actively-checked-wrapper |
bsg-routing-blacklist-not-actively-checked-wrapper)*>

<!ELEMENT bsg-routing-blacklist-not-actively-checked
(not-actively-checked-server-name | not-actively-checked-server-address |
not-actively-checked-server-next-availability)*>

<!ELEMENT bsg-routing-blacklist-not-actively-checked-title (#PCDATA)>

<!ELEMENT bsg-routing-blacklist-not-actively-checked-wrapper
(bsg-routing-blacklist-not-actively-checked-title |
bsg-routing-blacklist-not-actively-checked)*>

<!ELEMENT bsg-server-name (#PCDATA)>

<!ELEMENT bsg-service-point-calls-details (bsg-sp-name | bsg-server-name |
bsg-sp-direction | bsg-sp-failed-calls | bsg-sp-completed-calls |
bsg-sp-active-calls)*>

<!ELEMENT bsg-service-point-calls-duration-details (bsg-sp-name | bsg-server-name
| service-point-direction | calls-duration-histogram)*>

<!ELEMENT bsg-service-point-calls-failed-details (bsg-sp-name | bsg-server-name
| bsg-sp-direction | bsg-sp-error-response-code | bsg-sp-internal-error |
bsg-sp-inactive-timeout | bsg-sp-setup-media-failure |
bsg-sp-established-call-media-inactivity | bsg-sp-cac-policy-rejection |
bsg-sp-default-behavior-policy-rejection |
bsg-sp-configured-behavior-policy-rejection |
bsg-sp-transport-conflict-policy-rejection | bsg-sp-protocol-error |
bsg-sp-setup-timeout | bsg-sp-transport-error | bsg-sp-canceled-calls |
bsg-sp-media-abort)*>

<!ELEMENT bsg-service-point-calls-information (bsg-call-context-id |
bsg-request-uri | bsg-contact | bsg-signaling-source-ip |
bsg-signaling-destination-ip | bsg-dialog-information-call-id |
bsg-dialog-information-local-uri | bsg-dialog-information-remote-uri |
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bsg-dialog-information-local-tag | bsg-dialog-information-remote-tag | bsg-next-hop
| bsg-media-details | bsg-matched-policies | bsg-admission-controller |
bsg-manipulation-rules)*>

<!ELEMENT bsg-signaling-destination-ip (#PCDATA)>

<!ELEMENT bsg-signaling-source-ip (#PCDATA)>

<!ELEMENT bsg-sp-active-calls (#PCDATA)>

<!ELEMENT bsg-sp-cac-policy-rejection (#PCDATA)>

<!ELEMENT bsg-sp-canceled-calls (#PCDATA)>

<!ELEMENT bsg-sp-completed-calls (#PCDATA)>

<!ELEMENT bsg-sp-configured-behavior-policy-rejection (#PCDATA)>

<!ELEMENT bsg-sp-default-behavior-policy-rejection (#PCDATA)>

<!ELEMENT bsg-sp-direction (#PCDATA)>

<!ELEMENT bsg-sp-error-response-code (#PCDATA)>

<!ELEMENT bsg-sp-established-call-media-inactivity (#PCDATA)>

<!ELEMENT bsg-sp-failed-calls (#PCDATA)>

<!ELEMENT bsg-sp-inactive-timeout (#PCDATA)>

<!ELEMENT bsg-sp-internal-error (#PCDATA)>

<!ELEMENT bsg-sp-media-abort (#PCDATA)>

<!ELEMENT bsg-sp-name (#PCDATA)>

<!ELEMENT bsg-sp-protocol-error (#PCDATA)>

<!ELEMENT bsg-sp-setup-media-failure (#PCDATA)>

<!ELEMENT bsg-sp-setup-timeout (#PCDATA)>

<!ELEMENT bsg-sp-transport-conflict-policy-rejection (#PCDATA)>

<!ELEMENT bsg-sp-transport-error (#PCDATA)>

<!ELEMENT bsg-start-time (#PCDATA)>

<!ELEMENT bsg-statistics-admission-control (bsg-start-time |
bsg-admission-control-details)*>

<!ELEMENT bsg-statistics-admission-control-information
(bsg-statistics-admission-control)*>

<!ELEMENT bsg-statistics-calls (bsg-start-time | bsg-service-point-calls-details)*>

<!ELEMENT bsg-statistics-calls-details (bsg-statistics-calls)*>

<!ELEMENT bsg-statistics-calls-failed (bsg-start-time |
bsg-service-point-calls-failed-details)*>

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<!ELEMENT bsg-statistics-calls-failed-details (bsg-statistics-calls-failed)*>

<!ELEMENT bsg-statistics-clear-denied-messages (#PCDATA)>

<!ELEMENT bsg-statistics-denied-messages (overload-last-reset-time |
bsg-denied-messages-details)*>

<!ELEMENT bsg-statistics-denied-messages-details (bsg-statistics-denied-messages)*>

<!ELEMENT bsg-statistics-drain-information (#PCDATA)>

<!ELEMENT bsg-status-information (bsg-redundancy-pic-info |
bsg-redundancy-connection-info | bsg-redundancy-state | bsg-redundancy-info)*>

<!ELEMENT burst-duration (#PCDATA)>

<!ELEMENT burst-loss-density (#PCDATA)>

<!ELEMENT bye-invalid (#PCDATA)>

<!ELEMENT bye-valid (#PCDATA)>

<!ELEMENT bypass-output (#PCDATA)>

<!ELEMENT bytes (#PCDATA)>

<!ELEMENT bytes-used (#PCDATA)>

<!ELEMENT call-segments (#PCDATA)>

<!ELEMENT calls-duration-entry (duration-start | duration-end | number-of-calls)*>

<!ELEMENT calls-duration-histogram (calls-duration-entry)*>

<!ELEMENT cancel-invalid (#PCDATA)>

<!ELEMENT cancel-valid (#PCDATA)>

<!ELEMENT cause-cost-warning (#PCDATA)>

<!ELEMENT cause-credit-expiry (#PCDATA)>

<!ELEMENT cause-default (#PCDATA)>

<!ELEMENT cause-not-allowed (#PCDATA)>

<!ELEMENT cause-quality-of-service (#PCDATA)>

<!ELEMENT cause-roaming (#PCDATA)>

<!ELEMENT cause-time-of-day (#PCDATA)>

<!ELEMENT cause-unknown (#PCDATA)>

<!ELEMENT cause-unsubscribed (#PCDATA)>

<!ELEMENT cause-volume-expired (#PCDATA)>

<!ELEMENT child-fflow-dst-ip (#PCDATA)>

<!ELEMENT child-fflow-dst-port (#PCDATA)>
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<!ELEMENT child-fflow-src-ip (#PCDATA)>
<!ELEMENT child-fflow-src-port (#PCDATA)>
<!ELEMENT child-flow-protocol (#PCDATA)>
<!ELEMENT child-rflow-dst-ip (#PCDATA)>
<!ELEMENT child-rflow-dst-port (#PCDATA)>
<!ELEMENT child-rflow-src-ip (#PCDATA)>
<!ELEMENT child-rflow-src-port (#PCDATA)>
<!ELEMENT child-sess-id (#PCDATA)>
<!ELEMENT cleanup-timeout (#PCDATA)>
<!ELEMENT clear-service-bsg-registrations-statistics (#PCDATA)>
<!ELEMENT clear-services-bsg-registrations-subscription
(clear-services-bsg-registrations-subscription-result)*>
<!ELEMENT clear-services-bsg-registrations-subscription-result (#PCDATA)>
<!ELEMENT client-name (#PCDATA)>
<!ELEMENT client-state (#PCDATA)>
<!ELEMENT clients-active (#PCDATA)>
<!ELEMENT command-name (#PCDATA)>
<!ELEMENT commands-error (#PCDATA)>
<!ELEMENT commands-success (#PCDATA)>
<!ELEMENT commands-total (#PCDATA)>
<!ELEMENT commands-wildcard (#PCDATA)>
<!ELEMENT connection-status (#PCDATA)>
<!ELEMENT content-errors (#PCDATA)>
<!ELEMENT contexts-number (#PCDATA)>
<!ELEMENT controller-entry (controller-name | remote-ip-address | remote-port)*>
<!ELEMENT controller-name (#PCDATA)>
<!ELEMENT conversations-removed (#PCDATA)>
<!ELEMENT cos-stats-service-set-dscp-entry (received-dscp |
total-received-dscp-packets | total-marked-dscp-packets)*>
<!ELEMENT cos-stats-service-set-dscp-information
(cos-stats-service-set-dscp-entry)*>
<!ELEMENT cos-stats-service-set-forwarding-class-entry (received-forwarding-class
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    | total-received-forwarding-class-packets |
total-assigned-forwarding-class-packets)*>

<!ELEMENT cos-stats-service-set-forwarding-class-information
(cos-stats-service-set-forwarding-class-entry)*>

<!ELEMENT cpu-name (#PCDATA)>

<!ELEMENT cpu-role-name (#PCDATA)>

<!ELEMENT cpu-utilization-percent (#PCDATA)>

<!ELEMENT cpulimit-drops (#PCDATA)>

<!ELEMENT crtp-compressed-rx (#PCDATA)>

<!ELEMENT crtp-compressed-tx (#PCDATA)>

<!ELEMENT crtp-compression-ratio (#PCDATA)>

<!ELEMENT crtp-config-info-entry (interface-name | crtp-port-min | crtp-port-max
| crtp-tcp-space | crtp-udp-space | crtp-max-period | crtp-max-time |
crtp-rtp-queues)*>

<!ELEMENT crtp-counter-name (#PCDATA)>

<!ELEMENT crtp-counter-received (#PCDATA)>

<!ELEMENT crtp-counter-table (crtp-counter-name | crtp-counter-received |
crtp-counter-transmit)*>

<!ELEMENT crtp-counter-transmit (#PCDATA)>

<!ELEMENT crtp-decompression-ratio (#PCDATA)>

<!ELEMENT crtp-discards (#PCDATA)>

<!ELEMENT crtp-flow-context-id (#PCDATA)>

<!ELEMENT crtp-flow-destination-info (#PCDATA)>

<!ELEMENT crtp-flow-entry (crtp-flow-context-id | crtp-flow-rtp-id |
crtp-flow-source-info | crtp-flow-destination-info | crtp-flow-type)*>

<!ELEMENT crtp-flow-rtp-id (#PCDATA)>

<!ELEMENT crtp-flow-source-info (#PCDATA)>

<!ELEMENT crtp-flow-type (#PCDATA)>

<!ELEMENT crtp-ip-counter-name (#PCDATA)>

<!ELEMENT crtp-ip-counter-received (#PCDATA)>

<!ELEMENT crtp-ip-counter-table (crtp-ip-counter-name | crtp-ip-counter-received
| crtp-ip-counter-transmit)*>

<!ELEMENT crtp-ip-counter-transmit (#PCDATA)>

<!ELEMENT crtp-max-period (#PCDATA)>
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<!ELEMENT crtp-max-time (#PCDATA)>

<!ELEMENT crtp-per-interface-flow-table (interface-name |
service-crtp-flow-table)*>

<!ELEMENT crtp-port-max (#PCDATA)>

<!ELEMENT crtp-port-min (#PCDATA)>

<!ELEMENT crtp-rtp-queues (#PCDATA)>

<!ELEMENT crtp-sessions-rx (#PCDATA)>

<!ELEMENT crtp-sessions-tx (#PCDATA)>

<!ELEMENT crtp-stats-entry (crtp-compression-ratio | crtp-decompression-ratio |
crtp-sessions-rx | crtp-sessions-tx | crtp-compressed-rx | crtp-compressed-tx |
crtp-discards)*>

<!ELEMENT crtp-tcp-space (#PCDATA)>

<!ELEMENT crtp-udp-space (#PCDATA)>

<!ELEMENT cul-mov-avg-http-flow-lifetime (#PCDATA)>

<!ELEMENT cul-mov-avg-tcp-flow-lifetime (#PCDATA)>

<!ELEMENT cul-mov-avg-udp-flow-lifetime (#PCDATA)>

<!ELEMENT database-name (#PCDATA)>

<!ELEMENT database-size (#PCDATA)>

<!ELEMENT dce-rpc-call-mismatch (#PCDATA)>

<!ELEMENT dce-rpc-drop-pkts (#PCDATA)>

<!ELEMENT dce-rpc-fail-reply (#PCDATA)>

<!ELEMENT dce-rpc-fragment-pkts (#PCDATA)>

<!ELEMENT dce-rpc-id-mismatch (#PCDATA)>

<!ELEMENT dce-rpc-lookup-reply (#PCDATA)>

<!ELEMENT dce-rpc-lookup-request (#PCDATA)>

<!ELEMENT dce-rpc-map-reply (#PCDATA)>

<!ELEMENT dce-rpc-map-request (#PCDATA)>

<!ELEMENT dce-rpc-non-epm3 (#PCDATA)>

<!ELEMENT dce-rpc-queue-pkts (#PCDATA)>

<!ELEMENT dce-rpc-released-pkts (#PCDATA)>

<!ELEMENT dce-rpc-type-mismatch (#PCDATA)>

<!ELEMENT dce-rpc-wrong-header (#PCDATA)>
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<!ELEMENT debug-applicationq-latency-information (#PCDATA)>
<!ELEMENT debug-applicationq-size-information (#PCDATA)>
<!ELEMENT debug-commit-latency-information (#PCDATA)>
<!ELEMENT debug-mem-mgmt-location-information (#PCDATA)>
<!ELEMENT debug-mem-mgmt-memory-usage-information (#PCDATA)>
<!ELEMENT debug-mem-mgmt-type-information (#PCDATA)>
<!ELEMENT debug-resumeq-latency-information (#PCDATA)>
<!ELEMENT debug-resumeq-size-information (#PCDATA)>
<!ELEMENT debug-roundtrip-information (#PCDATA)>
<!ELEMENT debug-waitq-latency-information (#PCDATA)>
<!ELEMENT debug-waitq-size-information (#PCDATA)>
<!ELEMENT debug-workq-latency-information (#PCDATA)>
<!ELEMENT debug-workq-size-information (#PCDATA)>
<!ELEMENT decap-packet-not-ipv4 (#PCDATA)>
<!ELEMENT decap-packet-not-ipv6 (#PCDATA)>
<!ELEMENT default (#PCDATA)>
<!ELEMENT destination-routing-instance (#PCDATA)>
<!ELEMENT detect (#PCDATA)>
<!ELEMENT dns-invalid-pkts (#PCDATA)>
<!ELEMENT dns-oversize-pkts (#PCDATA)>
<!ELEMENT dns-reply-pkts (#PCDATA)>
<!ELEMENT drop (#PCDATA)>
<!ELEMENT drop-bytes-algs (#PCDATA)>
<!ELEMENT drop-bytes-flow-drop-state (#PCDATA)>
<!ELEMENT drop-bytes-flow-rate-limit (#PCDATA)>
<!ELEMENT drop-bytes-other (#PCDATA)>
<!ELEMENT drop-packets-algs (#PCDATA)>
<!ELEMENT drop-packets-flow-drop-state (#PCDATA)>
<!ELEMENT drop-packets-flow-rate-limit (#PCDATA)>
<!ELEMENT drop-packets-other (#PCDATA)>
<!ELEMENT drop_counters (ip-option | syn-defense | nat-ports-exhausted)*>
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<!ELEMENT ds-lite-software-count (#PCDATA)>

<!ELEMENT dscp (#PCDATA)>

<!ELEMENT dst-ip-high (#PCDATA)>

<!ELEMENT dst-ip-low (#PCDATA)>

<!ELEMENT dst-port-high (#PCDATA)>

<!ELEMENT dst-port-low (#PCDATA)>

<!ELEMENT duration-end (#PCDATA)>

<!ELEMENT duration-start (#PCDATA)>

<!ELEMENT emergency-contexts-number (#PCDATA)>

<!ELEMENT end-system-delay (#PCDATA)>

<!ELEMENT error-counters (ip-errors | tcp-errors | udp-errors | icmp-errors |
non-ip-packets | alg-errors)*>

<!ELEMENT errored-bytes (#PCDATA)>

<!ELEMENT errored-packets (#PCDATA)>

<!ELEMENT errored-packets-http-transaction-in-error (#PCDATA)>

<!ELEMENT errored-packets-tcp-malformed (#PCDATA)>

<!ELEMENT errored-packets-wap-invalid-transaction (#PCDATA)>

<!ELEMENT errored-packets-wap-transaction-in-error (#PCDATA)>

<!ELEMENT estimated-moscq (#PCDATA)>

<!ELEMENT estimated-moslq (#PCDATA)>

<!ELEMENT existing-flow-accepts (#PCDATA)>

<!ELEMENT existing-flow-counters (existing-flow-accepts | existing-flow-discards
| existing-flow-rejects)*>

<!ELEMENT existing-flow-discards (#PCDATA)>

<!ELEMENT existing-flow-rejects (#PCDATA)>

<!ELEMENT external-r-factor (#PCDATA)>

<!ELEMENT fast-path (#PCDATA)>

<!ELEMENT fast-path-encap (#PCDATA)>

<!ELEMENT fast-path-ipv6-next-header-offset (#PCDATA)>

<!ELEMENT fast-update-filters-entry (max-terms | max-term-percentage)*>

<!ELEMENT firewall-entry (connection-status | number-of-terms |
number-of-filters)*>
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<!ELEMENT five-second-usage (#PCDATA)>

<!ELEMENT flow (#PCDATA)>

<!ELEMENT flow-analysis-statistics-entry (num-total-flows-active |
num-total-tcp-flows-active | num-total-udp-flows-active |
num-total-other-flows-active | num-created-flows-per-sec |
num-deleted-flows-per-sec | peak-total-flows-active | peak-total-tcp-flows-active
| peak-total-udp-flows-active | peak-total-other-flows-active |
peak-created-flows-per-second | peak-deleted-flows-per-second |
cul-mov-avg-tcp-flow-lifetime | cul-mov-avg-udp-flow-lifetime |
cul-mov-avg-http-flow-lifetime)*>

<!ELEMENT flow-analysis-statistics-pic-info (pic-name)*>

<!ELEMENT flow-byte-errored (#PCDATA)>

<!ELEMENT flow-bytes-processed (#PCDATA)>

<!ELEMENT flow-count (#PCDATA)>

<!ELEMENT flow-created (#PCDATA)>

<!ELEMENT flow-creation-failed (#PCDATA)>

<!ELEMENT flow-creation-failed-retry (#PCDATA)>

<!ELEMENT flow-freed (#PCDATA)>

<!ELEMENT flow-freed-idle (#PCDATA)>

<!ELEMENT flow-gate-pdr (#PCDATA)>

<!ELEMENT flow-gate-pdr-mbs (#PCDATA)>

<!ELEMENT flow-gate-sdr (#PCDATA)>

<!ELEMENT flow-gate-sdr-mbs (#PCDATA)>

<!ELEMENT flow-gate-tman-policing (#PCDATA)>

<!ELEMENT flow-icmp-bytes-errored (#PCDATA)>

<!ELEMENT flow-icmp-bytes-processed (#PCDATA)>

<!ELEMENT flow-icmp-packets-errored (#PCDATA)>

<!ELEMENT flow-icmp-packets-errored-bad-flow (#PCDATA)>

<!ELEMENT flow-icmp-packets-processed (#PCDATA)>

<!ELEMENT flow-limit-exceeded (#PCDATA)>

<!ELEMENT flow-packets-errored (#PCDATA)>

<!ELEMENT flow-packets-processed (#PCDATA)>

<!ELEMENT flow-peak (#PCDATA)>

<!ELEMENT flow-table-statistics (interface-name | flow-tables | flow | flow-peak
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    | flow-tcp | flow-tcp-peak | flow-udp | flow-udp-peak | flow-created | flow-freed
    | flow-freed-idle | flow-tcp-created | flow-tcp-freed | flow-tcp-freed-idle |
    flow-udp-created | flow-udp-freed | flow-udp-freed-idle | flow-packets-processed
    | flow-packets-errored | flow-bytes-processed | flow-byte-errored |
    flow-tcp-packets-processed | flow-tcp-packets-errored |
    flow-tcp-packets-errored-bad-flow | flow-tcp-bytes-processed |
    flow-tcp-bytes-errored | flow-udp-packets-processed | flow-udp-packets-errored |
    flow-udp-packets-errored-bad-flow | flow-udp-bytes-processed |
    flow-udp-bytes-errored | flow-icmp-packets-processed | flow-icmp-packets-errored
    | flow-icmp-packets-errored-bad-flow | flow-icmp-bytes-processed |
    flow-icmp-bytes-errored)*>

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<!ELEMENT flow-table-statistics-information (flow-table-statistics)*>

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<!ELEMENT flow-tables (#PCDATA)>

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<!ELEMENT flow-tcp (#PCDATA)>

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<!ELEMENT flow-tcp-bytes-errored (#PCDATA)>

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<!ELEMENT flow-tcp-bytes-processed (#PCDATA)>

```

```

<!ELEMENT flow-tcp-created (#PCDATA)>

```

```

<!ELEMENT flow-tcp-freed (#PCDATA)>

```

```

<!ELEMENT flow-tcp-freed-idle (#PCDATA)>

```

```

<!ELEMENT flow-tcp-packets-errored (#PCDATA)>

```

```

<!ELEMENT flow-tcp-packets-errored-bad-flow (#PCDATA)>

```

```

<!ELEMENT flow-tcp-packets-processed (#PCDATA)>

```

```

<!ELEMENT flow-tcp-peak (#PCDATA)>

```

```

<!ELEMENT flow-udp (#PCDATA)>

```

```

<!ELEMENT flow-udp-bytes-errored (#PCDATA)>

```

```

<!ELEMENT flow-udp-bytes-processed (#PCDATA)>

```

```

<!ELEMENT flow-udp-created (#PCDATA)>

```

```

<!ELEMENT flow-udp-freed (#PCDATA)>

```

```

<!ELEMENT flow-udp-freed-idle (#PCDATA)>

```

```

<!ELEMENT flow-udp-packets-errored (#PCDATA)>

```

```

<!ELEMENT flow-udp-packets-errored-bad-flow (#PCDATA)>

```

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<!ELEMENT flow-udp-packets-processed (#PCDATA)>

```

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<!ELEMENT flow-udp-peak (#PCDATA)>

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<!ELEMENT flowlimit-drops (#PCDATA)>

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<!ELEMENT flows-created (#PCDATA)>

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<!ELEMENT flows-deleted (#PCDATA)>

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<!ELEMENT flows-removed (#PCDATA)>

<!ELEMENT fragment-output (#PCDATA)>

<!ELEMENT fragment-overlap (#PCDATA)>

<!ELEMENT fragment-reassembly-timeout (#PCDATA)>

<!ELEMENT fragmentation (#PCDATA)>

<!ELEMENT fragmenter-entries (fragmenter-entry)*>

<!ELEMENT fragmenter-entry (cpu-name | idle | timer | system | freeback | drop |
  fragmentation | reassembly)*>

<!ELEMENT free-frame (#PCDATA)>

<!ELEMENT freeback (#PCDATA)>

<!ELEMENT ftp-drop-pkts (#PCDATA)>

<!ELEMENT ftp-parse-fail-pkts (#PCDATA)>

<!ELEMENT ftp-translated-pkts (#PCDATA)>

<!ELEMENT gap-duration (#PCDATA)>

<!ELEMENT gap-loss-density (#PCDATA)>

<!ELEMENT gate-action (#PCDATA)>

<!ELEMENT gate-count (#PCDATA)>

<!ELEMENT gate-direction (#PCDATA)>

<!ELEMENT gate-dropped-packets (#PCDATA)>

<!ELEMENT gate-dscp (#PCDATA)>

<!ELEMENT gate-fractional-lost-rtp-packets (#PCDATA)>

<!ELEMENT gate-fuf-policer-drop-count (#PCDATA)>

<!ELEMENT gate-fuf-policing (#PCDATA)>

<!ELEMENT gate-fuf-statistics-information (gate-fuf-policer-drop-count)*>

<!ELEMENT gate-green-action (#PCDATA)>

<!ELEMENT gate-id (#PCDATA)>

<!ELEMENT gate-input-packets (#PCDATA)>

<!ELEMENT gate-latch (#PCDATA)>

<!ELEMENT gate-local-destination-address (#PCDATA)>

<!ELEMENT gate-local-destination-port (#PCDATA)>

<!ELEMENT gate-local-source-address (#PCDATA)>
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<!ELEMENT gate-local-source-port (#PCDATA)>

<!ELEMENT gate-lost-rtp-packets (#PCDATA)>

<!ELEMENT gate-mbs (#PCDATA)>

<!ELEMENT gate-measured-rate (#PCDATA)>

<!ELEMENT gate-mirroring-correlation-number (#PCDATA)>

<!ELEMENT gate-mirroring-direction (#PCDATA)>

<!ELEMENT gate-mirroring-state (#PCDATA)>

<!ELEMENT gate-mirroring-target-id (#PCDATA)>

<!ELEMENT gate-output-packets (#PCDATA)>

<!ELEMENT gate-pdr (#PCDATA)>

<!ELEMENT gate-red-action (#PCDATA)>

<!ELEMENT gate-remote-destination-address (#PCDATA)>

<!ELEMENT gate-remote-destination-port (#PCDATA)>

<!ELEMENT gate-remote-source-address (#PCDATA)>

<!ELEMENT gate-remote-source-port (#PCDATA)>

<!ELEMENT gate-rtcp-extended-burst-metrics-report (minimum-gap-threshold |
burst-loss-density | burst-duration | gap-loss-density | gap-duration)*>

<!ELEMENT gate-rtcp-extended-information (gate-rtcp-extended-report |
gate-rtcp-extended-burst-metrics-report)*>

<!ELEMENT gate-rtcp-extended-report (rtcp-xr-ssrc | packet-loss-concealment-type
| network-packet-loss-rate | jitter-buffer-discard-rate | rtcp-round-trip-delay
| end-system-delay | signal-level | noise-level | residual-echo-return-loss |
r-factor | external-r-factor | estimated-moslq | estimated-moscq)*>

<!ELEMENT gate-rtcp-information (gate-rtcp-sender-information |
gate-rtcp-receiver-information | gate-rtcp-extended-information)*>

<!ELEMENT gate-rtcp-invalid-pkts (#PCDATA)>

<!ELEMENT gate-rtcp-received-ssrc (#PCDATA)>

<!ELEMENT gate-rtcp-receiver-entry (gate-rtcp-received-ssrc |
gate-rtcp-receiver-lost-pkts | gate-rtcp-receiver-lost-pkt-fraction |
gate-rtcp-receiver-jitter)*>

<!ELEMENT gate-rtcp-receiver-information (gate-rtcp-receiver-entry)*>

<!ELEMENT gate-rtcp-receiver-jitter (#PCDATA)>

<!ELEMENT gate-rtcp-receiver-lost-pkt-fraction (#PCDATA)>

<!ELEMENT gate-rtcp-receiver-lost-pkts (#PCDATA)>

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<!ELEMENT gate-rtcp-sender-information (gate-rtcp-sender-ssrc |
gate-rtcp-sender-octets | gate-rtcp-sender-pkts | gate-rtcp-invalid-pkts)*>

<!ELEMENT gate-rtcp-sender-octets (#PCDATA)>

<!ELEMENT gate-rtcp-sender-pkts (#PCDATA)>

<!ELEMENT gate-rtcp-sender-ssrc (#PCDATA)>

<!ELEMENT gate-rtcp-shadow (#PCDATA)>

<!ELEMENT gate-sdr (#PCDATA)>

<!ELEMENT gate-service-set-id (#PCDATA)>

<!ELEMENT gate-state (#PCDATA)>

<!ELEMENT gate-tman-policing (#PCDATA)>

<!ELEMENT gate-transport (#PCDATA)>

<!ELEMENT gate-yellow-action (#PCDATA)>

<!ELEMENT gateway-collections-number (#PCDATA)>

<!ELEMENT gateway-entry (gateway-name | local-ip-address | gateway-vrf | local-port
| platform | service-state | active-controller | replication-socket |
synchronization-state | up-time | load-status | cleanup-timeout |
maximum-concurrent-calls | inactivity-timeout-delay | inactivity-timeout-duration
| latch-deadlock-duration | h248-timers-entry | base-root-entry |
h248-options-entry | h248-segmentation-properties-entry | h248-diffserv-entry |
h248-notification-behavior-entry | h248-application-data-inactivity-detection-entry
| h248-event-timestamp-notification-entry | inactivity-timer-entry |
fast-update-filters-entry | controller-entry | overload-control-entry)*>

<!ELEMENT gateway-name (#PCDATA)>

<!ELEMENT gateway-vrf (#PCDATA)>

<!ELEMENT group-id (#PCDATA)>

<!ELEMENT group-is-active (#PCDATA)>

<!ELEMENT group-state (#PCDATA)>

<!ELEMENT group-timeout (#PCDATA)>

<!ELEMENT groups-active (#PCDATA)>

<!ELEMENT h248-application-data-inactivity-detection-entry
(ip-flow-stop-detection)*>

<!ELEMENT h248-diffserv-entry (dscp)*>

<!ELEMENT h248-event-timestamp-notification-entry (requested-timestamp)*>

<!ELEMENT h248-notification-behavior-entry (notification-regulation)*>

<!ELEMENT h248-options-entry (wildcard-response-service-change |
audit-observed-events-returns-history | h248-profile)*>
```

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<!ELEMENT h248-profile (#PCDATA)>

<!ELEMENT h248-segmentation-properties-entry (sgp_name | sgp_minimum | sgp_maximum
| sgp_default)*>

<!ELEMENT h248-timers-entry (maximum-waiting-delay | tmax-retransmission-delay |
initial-average-ack-delay | maximum-net-propagation-delay)*>

<!ELEMENT header-examination-bytes (#PCDATA)>

<!ELEMENT header-examination-failed-configuration (#PCDATA)>

<!ELEMENT header-examination-flow (#PCDATA)>

<!ELEMENT header-examination-flow-matched (#PCDATA)>

<!ELEMENT header-examination-http-protocol-required (#PCDATA)>

<!ELEMENT header-examination-packets (#PCDATA)>

<!ELEMENT header-examination-protocol-required (#PCDATA)>

<!ELEMENT header-examination-wap-protocol-required (#PCDATA)>

<!ELEMENT header-redirect-set-name (#PCDATA)>

<!ELEMENT header-redirect-set-statistics (header-redirect-set-name | cause-roaming
| cause-time-of-day | cause-quality-of-service | cause-volume-expired |
cause-cost-warning | cause-not-allowed | cause-unsubscribed | cause-credit-expiry
| cause-unknown | cause-default)*>

<!ELEMENT header-redirect-set-statistics-information (interface-name | interfaces
| header-redirect-set-statistics)*>

<!ELEMENT http-transaction-created (#PCDATA)>

<!ELEMENT http-transaction-freed (#PCDATA)>

<!ELEMENT http-transaction-idle-freed (#PCDATA)>

<!ELEMENT http-transaction-maximum (#PCDATA)>

<!ELEMENT icmp-error-counters (icmp-length-error | icmp-error-length-error |
ping-duplicate-sequence-number | ping-mismatched-sequence-number)*>

<!ELEMENT icmp-error-length-error (#PCDATA)>

<!ELEMENT icmp-errors (#PCDATA)>

<!ELEMENT icmp-length-error (#PCDATA)>

<!ELEMENT icmpv4-dropped-packets (#PCDATA)>

<!ELEMENT id (#PCDATA)>

<!ELEMENT idle (#PCDATA)>

<!ELEMENT ids-anomalies-count (#PCDATA)>

<!ELEMENT ids-anomaly-count (#PCDATA)>
```

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<!ELEMENT ids-anomaly-description (#PCDATA)>

<!ELEMENT ids-anomaly-elapsed (#PCDATA)>

<!ELEMENT ids-anomaly-entry (ids-anomaly-description | ids-anomaly-count |
ids-anomaly-rate | ids-anomaly-elapsed)*>

<!ELEMENT ids-anomaly-rate (#PCDATA)>

<!ELEMENT ids-bytes-count (#PCDATA)>

<!ELEMENT ids-flow-application (#PCDATA)>

<!ELEMENT ids-flow-count (#PCDATA)>

<!ELEMENT ids-flow-destination-ip (#PCDATA)>

<!ELEMENT ids-flow-entry (ids-flow-source-ip | ids-flow-destination-ip |
ids-flow-time | ids-flow-flags | ids-flow-long-flags | ids-flow-count |
ids-flow-application | ids-bytes-count | ids-packets-count | ids-flows-count |
ids-anomalies-count | ids-anomaly-entry)*>
<ATTLIST ids-flow-entry junos:style CDATA #IMPLIED>

<!ELEMENT ids-flow-flags (#PCDATA)>

<!ELEMENT ids-flow-long-flags (#PCDATA)>

<!ELEMENT ids-flow-source-ip (#PCDATA)>

<!ELEMENT ids-flow-table (ids-flow-entry)*>
<ATTLIST ids-flow-table heading CDATA #IMPLIED>

<!ELEMENT ids-flow-time (#PCDATA)>

<!ELEMENT ids-flows-count (#PCDATA)>

<!ELEMENT ids-packets-count (#PCDATA)>

<!ELEMENT ids-per-service-set-flow-table (service-set-name | interface-name |
ids-sort-order | ids-flow-table)*>

<!ELEMENT ids-show-summary (interface-name | ids-total-entries |
ids-total-failed-insertions | ids-total-events)*>

<!ELEMENT ids-sort-order (#PCDATA)>

<!ELEMENT ids-total-entries (#PCDATA)>

<!ELEMENT ids-total-events (#PCDATA)>

<!ELEMENT ids-total-failed-insertions (#PCDATA)>

<!ELEMENT illegal-destination-address (#PCDATA)>

<!ELEMENT illegal-fragment-length (#PCDATA)>

<!ELEMENT illegal-ip-protocol (#PCDATA)>

<!ELEMENT illegal-sequence-number-flags (#PCDATA)>

<!ELEMENT illegal-source-address (#PCDATA)>
```



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<!ELEMENT inactivity-timeout-delay (#PCDATA)>

<!ELEMENT inactivity-timeout-duration (#PCDATA)>

<!ELEMENT inactivity-timer-entry (detect | maximum-inactivity-time)*>

<!ELEMENT info-invalid (#PCDATA)>

<!ELEMENT info-valid (#PCDATA)>

<!ELEMENT initial-average-ack-delay (#PCDATA)>

<!ELEMENT input (#PCDATA)>

<!ELEMENT input-1 (#PCDATA)>

<!ELEMENT input-2 (#PCDATA)>

<!ELEMENT input-fragments (#PCDATA)>

<!ELEMENT input-lfi (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interfaces (#PCDATA)>

<!ELEMENT invite-new (#PCDATA)>

<!ELEMENT invite-retransmits (#PCDATA)>

<!ELEMENT ip-error-counters (ip-length-error | ip-header-length-error | long-packet
| illegal-source-address | illegal-destination-address | ttl-zero |
illegal-ip-protocol | land-attack | non-ipv4 | bad-checksum |
illegal-fragment-length | fragment-overlap | fragment-reassembly-timeout |
unknown)*>

<!ELEMENT ip-errors (#PCDATA)>

<!ELEMENT ip-flow-stop-detection (#PCDATA)>

<!ELEMENT ip-header-length-error (#PCDATA)>

<!ELEMENT ip-length-error (#PCDATA)>

<!ELEMENT ip-option (#PCDATA)>

<!ELEMENT ipv6-fragmentation-error (#PCDATA)>

<!ELEMENT ipv6-packets-fragmented (#PCDATA)>

<!ELEMENT jitter-buffer-discard-rate (#PCDATA)>

<!ELEMENT l2tp-calling-number-avp (#PCDATA)>

<!ELEMENT l2tp-control-memory-bytes (#PCDATA)>

<!ELEMENT l2tp-control-rx-bytes (#PCDATA)>

<!ELEMENT l2tp-control-rx-packets (#PCDATA)>

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<!ELEMENT l2tp-control-tx-bytes (#PCDATA)>

<!ELEMENT l2tp-control-tx-packets (#PCDATA)>

<!ELEMENT l2tp-create-time (#PCDATA)>

<!ELEMENT l2tp-data-memory-bytes (#PCDATA)>

<!ELEMENT l2tp-data-rx-bytes (#PCDATA)>

<!ELEMENT l2tp-data-rx-packets (#PCDATA)>

<!ELEMENT l2tp-data-tx-bytes (#PCDATA)>

<!ELEMENT l2tp-data-tx-packets (#PCDATA)>

<!ELEMENT l2tp-destination-clear-entry (l2tp-destination-local-name)*>
<!ATTLIST l2tp-destination-clear-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-destination-entry (l2tp-destination-local-name |
l2tp-destination-remote-ip | l2tp-destination-state | l2tp-destination-tunnel-count
| l2tp-destination-tunnel-total | l2tp-destination-tunnel-active |
l2tp-destination-tunnel-failed | l2tp-destination-session-count |
l2tp-destination-session-total | l2tp-destination-session-active |
l2tp-destination-session-failed | l2tp-destination-local-ip |
l2tp-destination-maximum-tunnels | l2tp-destination-transport |
l2tp-destination-router-instance | l2tp-destination-logical-system |
l2tp-destination-lockout-state)*>
<!ATTLIST l2tp-destination-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-destination-local-ip (#PCDATA)>

<!ELEMENT l2tp-destination-local-name (#PCDATA)>

<!ELEMENT l2tp-destination-lockout-state (#PCDATA)>

<!ELEMENT l2tp-destination-logical-system (#PCDATA)>

<!ELEMENT l2tp-destination-maximum-tunnels (#PCDATA)>

<!ELEMENT l2tp-destination-remote-ip (#PCDATA)>

<!ELEMENT l2tp-destination-router-instance (#PCDATA)>

<!ELEMENT l2tp-destination-session-active (#PCDATA)>

<!ELEMENT l2tp-destination-session-count (#PCDATA)>

<!ELEMENT l2tp-destination-session-failed (#PCDATA)>

<!ELEMENT l2tp-destination-session-total (#PCDATA)>

<!ELEMENT l2tp-destination-state (#PCDATA)>

<!ELEMENT l2tp-destination-table (l2tp-destination-entry)*>
<!ATTLIST l2tp-destination-table heading CDATA #IMPLIED>

<!ELEMENT l2tp-destination-transport (#PCDATA)>

<!ELEMENT l2tp-destination-tunnel-active (#PCDATA)>
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<!ELEMENT l2tp-destination-tunnel-count (#PCDATA)>

<!ELEMENT l2tp-destination-tunnel-failed (#PCDATA)>

<!ELEMENT l2tp-destination-tunnel-total (#PCDATA)>

<!ELEMENT l2tp-destinations (#PCDATA)>

<!ELEMENT l2tp-error-rx-packets (#PCDATA)>

<!ELEMENT l2tp-error-tx-packets (#PCDATA)>

<!ELEMENT l2tp-failover-preference-level (#PCDATA)>

<!ELEMENT l2tp-idle-time (#PCDATA)>

<!ELEMENT l2tp-interface-control-rx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-control-tx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-data-rx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-data-tx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-error-rx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-error-tx-packets (#PCDATA)>

<!ELEMENT l2tp-interface-name (#PCDATA)>

<!ELEMENT l2tp-lac-summary-table (#PCDATA)>

<!ELEMENT l2tp-multilink-bundle-endpoint (#PCDATA)>

<!ELEMENT l2tp-multilink-bundle-id (#PCDATA)>

<!ELEMENT l2tp-multilink-bundle-mrru-input (#PCDATA)>

<!ELEMENT l2tp-multilink-bundle-mrru-output (#PCDATA)>

<!ELEMENT l2tp-multilink-bundle-num-links (#PCDATA)>

<!ELEMENT l2tp-multilink-clear-entry (l2tp-multilink-bundle-id)*>
<!ATTLIST l2tp-multilink-clear-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-multilink-entry (l2tp-multilink-bundle-id |
l2tp-multilink-bundle-endpoint | l2tp-multilink-bundle-num-links |
l2tp-multilink-bundle-mrru-input | l2tp-multilink-bundle-mrru-output |
l2tp-statistics-since | l2tp-control-tx-packets | l2tp-control-rx-packets |
l2tp-data-tx-packets | l2tp-data-rx-packets | l2tp-control-tx-bytes |
l2tp-control-rx-bytes | l2tp-data-tx-bytes | l2tp-data-rx-bytes |
l2tp-error-tx-packets | l2tp-error-rx-packets | l2tp-multilink-links)*>
<!ATTLIST l2tp-multilink-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-multilink-links (l2tp-session-entry)*>

<!ELEMENT l2tp-per-tunnel-group-tunnel-table (tunnel-group-name | interface-name
| l2tp-tunnel-table)*>

<!ELEMENT l2tp-per-tunnel-session-table (tunnel-group-name | interface-name |
l2tp-tunnel-local-id | l2tp-session-table)*>

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<!ATTLIST l2tp-per-tunnel-session-table junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-per-tunnel-user-table (#PCDATA)>

<!ELEMENT l2tp-session-authentication (#PCDATA)>

<!ELEMENT l2tp-session-bearer-type (#PCDATA)>

<!ELEMENT l2tp-session-bundle-id (#PCDATA)>

<!ELEMENT l2tp-session-call-serial-number (#PCDATA)>

<!ELEMENT l2tp-session-cell-overhead (#PCDATA)>

<!ELEMENT l2tp-session-clear-entry (l2tp-session-local-id)*>
<!ATTLIST l2tp-session-clear-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-session-create-time (#PCDATA)>

<!ELEMENT l2tp-session-encapsulation-overhead (#PCDATA)>

<!ELEMENT l2tp-session-entry (l2tp-session-local-id | l2tp-session-remote-id |
l2tp-session-remote-ip | l2tp-session-local-ip | l2tp-session-state |
l2tp-session-bundle-id | l2tp-session-user-name | l2tp-session-own-ip |
l2tp-session-peer-ip | l2tp-session-local-name | l2tp-session-remote-name |
l2tp-session-mode | l2tp-session-local-mru | l2tp-session-remote-mru |
l2tp-session-tx-speed | l2tp-session-rx-speed | l2tp-session-bearer-type |
l2tp-session-framing-type | l2tp-session-lcp-renegotiation |
l2tp-session-authentication | l2tp-session-interface-id |
l2tp-session-interface-unit | l2tp-session-call-serial-number |
l2tp-session-policer-bandwidth | l2tp-session-policer-exclude-bandwidth |
l2tp-session-policer-burstsize | l2tp-session-firewall-filter |
l2tp-session-encapsulation-overhead | l2tp-session-cell-overhead |
l2tp-session-create-time | l2tp-session-interface-name | l2tp-statistics-since |
l2tp-control-tx-packets | l2tp-control-rx-packets | l2tp-data-tx-packets |
l2tp-data-rx-packets | l2tp-control-tx-bytes | l2tp-control-rx-bytes |
l2tp-data-tx-bytes | l2tp-data-rx-bytes | l2tp-error-tx-packets |
l2tp-error-rx-packets | l2tp-create-time | l2tp-up-time | l2tp-idle-time)*>
<!ATTLIST l2tp-session-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-session-firewall-filter (#PCDATA)>

<!ELEMENT l2tp-session-framing-type (#PCDATA)>

<!ELEMENT l2tp-session-interface-id (#PCDATA)>

<!ELEMENT l2tp-session-interface-name (#PCDATA)>

<!ELEMENT l2tp-session-interface-unit (#PCDATA)>

<!ELEMENT l2tp-session-lcp-renegotiation (#PCDATA)>

<!ELEMENT l2tp-session-local-id (#PCDATA)>

<!ELEMENT l2tp-session-local-ip (#PCDATA)>

<!ELEMENT l2tp-session-local-mru (#PCDATA)>

<!ELEMENT l2tp-session-local-name (#PCDATA)>

<!ELEMENT l2tp-session-mode (#PCDATA)>
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<!ELEMENT l2tp-session-own-ip (#PCDATA)>

<!ELEMENT l2tp-session-peer-ip (#PCDATA)>

<!ELEMENT l2tp-session-policer-bandwidth (#PCDATA)>

<!ELEMENT l2tp-session-policer-burstsize (#PCDATA)>

<!ELEMENT l2tp-session-policer-exclude-bandwidth (#PCDATA)>

<!ELEMENT l2tp-session-remote-id (#PCDATA)>

<!ELEMENT l2tp-session-remote-ip (#PCDATA)>

<!ELEMENT l2tp-session-remote-mru (#PCDATA)>

<!ELEMENT l2tp-session-remote-name (#PCDATA)>

<!ELEMENT l2tp-session-rx-speed (#PCDATA)>

<!ELEMENT l2tp-session-state (#PCDATA)>

<!ELEMENT l2tp-session-table (l2tp-session-entry)*>
<ATTLIST l2tp-session-table heading CDATA #IMPLIED>

<!ELEMENT l2tp-session-tx-speed (#PCDATA)>

<!ELEMENT l2tp-session-user-name (#PCDATA)>

<!ELEMENT l2tp-sessions (#PCDATA)>

<!ELEMENT l2tp-statistics-since (#PCDATA)>

<!ELEMENT l2tp-summary-table (l2tp-destinations | l2tp-tunnels | l2tp-sessions |
l2tp-error-tx-packets | l2tp-error-rx-packets | l2tp-control-tx-packets |
l2tp-control-rx-packets | l2tp-interface-error-tx-packets |
l2tp-interface-error-rx-packets | l2tp-interface-control-tx-packets |
l2tp-interface-control-rx-packets | l2tp-control-memory-bytes |
l2tp-data-tx-packets | l2tp-data-rx-packets | l2tp-interface-data-tx-packets |
l2tp-interface-data-rx-packets | l2tp-data-memory-bytes | l2tp-interface-name |
l2tp-failover-preference-level | l2tp-weighted-load-balancing |
l2tp-tunnel-authentication-challenge | l2tp-calling-number-avp)*>
<ATTLIST l2tp-summary-table junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-tunnel-authentication-challenge (#PCDATA)>

<!ELEMENT l2tp-tunnel-clear-entry (l2tp-tunnel-local-id)*>
<ATTLIST l2tp-tunnel-clear-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2tp-tunnel-entry (l2tp-tunnel-local-id | l2tp-tunnel-remote-id |
l2tp-tunnel-remote-ip | l2tp-tunnel-state | l2tp-tunnel-session-count |
l2tp-tunnel-local-ip | l2tp-tunnel-remote-name | l2tp-tunnel-local-name |
l2tp-tunnel-maximum-sessions | l2tp-tunnel-window-size | l2tp-tunnel-hello-interval
| l2tp-tunnel-tos-reflect | l2tp-statistics-since | l2tp-control-tx-packets |
l2tp-control-rx-packets | l2tp-data-tx-packets | l2tp-data-rx-packets |
l2tp-control-tx-bytes | l2tp-control-rx-bytes | l2tp-data-tx-bytes |
l2tp-data-rx-bytes | l2tp-error-tx-packets | l2tp-error-rx-packets |
l2tp-create-time | l2tp-up-time | l2tp-idle-time)*>
<ATTLIST l2tp-tunnel-entry junos:style CDATA #IMPLIED>

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<!ELEMENT l2tp-tunnel-hello-interval (#PCDATA)>
<!ELEMENT l2tp-tunnel-local-id (#PCDATA)>
<!ELEMENT l2tp-tunnel-local-ip (#PCDATA)>
<!ELEMENT l2tp-tunnel-local-name (#PCDATA)>
<!ELEMENT l2tp-tunnel-maximum-sessions (#PCDATA)>
<!ELEMENT l2tp-tunnel-remote-id (#PCDATA)>
<!ELEMENT l2tp-tunnel-remote-ip (#PCDATA)>
<!ELEMENT l2tp-tunnel-remote-name (#PCDATA)>
<!ELEMENT l2tp-tunnel-session-count (#PCDATA)>
<!ELEMENT l2tp-tunnel-state (#PCDATA)>
<!ELEMENT l2tp-tunnel-table (l2tp-tunnel-entry)*>
<!ATTLIST l2tp-tunnel-table heading CDATA #IMPLIED>
<!ELEMENT l2tp-tunnel-tos-reflect (#PCDATA)>
<!ELEMENT l2tp-tunnel-window-size (#PCDATA)>
<!ELEMENT l2tp-tunnels (#PCDATA)>
<!ELEMENT l2tp-up-time (#PCDATA)>
<!ELEMENT l2tp-weighted-load-balancing (#PCDATA)>
<!ELEMENT land-attack (#PCDATA)>
<!ELEMENT last-detected-event (#PCDATA)>
<!ELEMENT last-detected-event-time (#PCDATA)>
<!ELEMENT last-reset-time (#PCDATA)>
<!ELEMENT latch-deadlock-duration (#PCDATA)>
<!ELEMENT load-balancer-entries (load-balancer-entry)*>
<!ELEMENT load-balancer-entry (cpu-name | idle | system | output | freeback |
input-1 | input-2)*>
<!ELEMENT load-status (#PCDATA)>
<!ELEMENT local-ip-address (#PCDATA)>
<!ELEMENT local-port (#PCDATA)>
<!ELEMENT long-packet (#PCDATA)>
<!ELEMENT lsqinfo-cpu-usage-information (cpu-role-name | one-second-usage |
five-second-usage | fragmenter-entries | quality-of-service-entries |
sequencer-entries | load-balancer-entries)*>
<!ATTLIST lsqinfo-cpu-usage-information junos:style CDATA #IMPLIED>
```

```

<!ELEMENT max-term-percentage (#PCDATA)>

<!ELEMENT max-terms (#PCDATA)>

<!ELEMENT maximum (#PCDATA)>

<!ELEMENT maximum-concurrent-calls (#PCDATA)>

<!ELEMENT maximum-inactivity-time (minimum | maximum | default)*>

<!ELEMENT maximum-net-propagation-delay (#PCDATA)>

<!ELEMENT maximum-waiting-delay (#PCDATA)>

<!ELEMENT media-card-name (#PCDATA)>

<!ELEMENT media-handler-name (#PCDATA)>

<!ELEMENT media-service-entry (media-service-name | media-service-nat-pool)*>

<!ELEMENT media-service-name (#PCDATA)>

<!ELEMENT media-service-nat-pool (#PCDATA)>

<!ELEMENT media-service-ref-entry (media-service-ref-name)*>

<!ELEMENT media-service-ref-name (#PCDATA)>

<!ELEMENT memlimit-drops (#PCDATA)>

<!ELEMENT memory-pool-chunk-size (#PCDATA)>

<!ELEMENT memory-pool-chunk-used (#PCDATA)>

<!ELEMENT memory-pool-chunks-num (#PCDATA)>

<!ELEMENT memory-pool-free-chunks-num (#PCDATA)>

<!ELEMENT memory-pool-name (#PCDATA)>

<!ELEMENT message-counters (register-new | invite-new | reinvites |
invite-retransmits | response-provisional | response-invite-ok |
response-non-invite-ok | response-redir | response-request-failure |
response-server-failure | response-global-failure | response-invalid |
response-retransmits | ack-valid | ack-invalid | ack-retransmits | bye-valid |
bye-invalid | cancel-valid | cancel-invalid | subscribe-valid | subscribe-invalid
| notify-valid | notify-invalid | options-valid | options-invalid | info-valid
| info-invalid | update-valid | update-invalid | refer-valid | refer-invalid)*>

<!ELEMENT messages-received (#PCDATA)>

<!ELEMENT messages-sent (#PCDATA)>

<!ELEMENT minimum (#PCDATA)>

<!ELEMENT minimum-gap-threshold (#PCDATA)>

<!ELEMENT msp-alg-conv-all-entry (client-name | client-state | num-groups |
parent-sess-state | parent-sess-id | parent-flow-protocol | parent-fflow-src-ip
| parent-fflow-dst-ip | parent-fflow-src-port | parent-fflow-dst-port |
parent-rflow-src-ip | parent-rflow-dst-ip | parent-rflow-src-port |

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parent-rflow-dst-port | child-sess-id | child-flow-protocol | child-fflow-src-ip
| child-fflow-dst-ip | child-fflow-src-port | child-fflow-dst-port |
child-rflow-src-ip | child-rflow-dst-ip | child-rflow-src-port |
child-rflow-dst-port)*>
```

```
<!ELEMENT msp-alg-conv-all-extensive-entry (client-name | client-state | num-groups
| group-id | group-state | parent-sess-state | parent-sess-id |
parent-flow-protocol | parent-fflow-src-ip | parent-fflow-dst-ip |
parent-fflow-src-port | parent-fflow-dst-port | parent-rflow-src-ip |
parent-rflow-dst-ip | parent-rflow-src-port | parent-rflow-dst-port | num-resources
| resource-id | resource-state | num-sessions | child-sess-id |
child-flow-protocol | child-fflow-src-ip | child-fflow-dst-ip |
child-fflow-src-port | child-fflow-dst-port | child-rflow-src-ip |
child-rflow-dst-ip | child-rflow-src-port | child-rflow-dst-port)*>
```

```
<!ELEMENT msp-alg-conv-group-num-entry (group-id | group-is-active | client-name
| parent-session-id | group-timeout | num-resources | resource)*>
```

```
<!ELEMENT msp-alg-conv-groups-entry (group-id | group-is-active | client-name |
num-resources | resource-id)*>
```

```
<!ELEMENT msp-alg-conv-resource-num-entry (resource-id | resource-is-active |
num-sessions | session-ids | num-holes | src-ip-low | src-ip-high | src-port-low
| src-port-high | dst-ip-low | dst-ip-high | dst-port-low | dst-port-high |
translated-src-ip | translated-src-port | translated-dst-ip | translated-dst-port
| ref-count | proto)*>
```

```
<!ELEMENT msp-alg-conv-resources-entry (resource-id | resource-is-active | group-id
| client-name | num-sessions | session-id)*>
```

```
<!ELEMENT msp-alg-conv-summary-entry (clients-active | groups-active |
resources-active | sessions-active)*>
```

```
<!ELEMENT msp-alg-dce-rpc-entry (dce-rpc-wrong-header | dce-rpc-non-epm3 |
dce-rpc-type-mismatch | dce-rpc-id-mismatch | dce-rpc-call-mismatch |
dce-rpc-fragment-pkts | dce-rpc-queue-pkts | dce-rpc-drop-pkts |
dce-rpc-released-pkts)*>
```

```
<!ELEMENT msp-alg-dce-rpc-portmap-entry (dce-rpc-lookup-request |
dce-rpc-map-request | dce-rpc-lookup-reply | dce-rpc-map-reply |
dce-rpc-fail-reply)*>
```

```
<!ELEMENT msp-alg-dns-entry (dns-invalid-pkts | dns-reply-pkts |
dns-oversize-pkts)*>
```

```
<!ELEMENT msp-alg-ftp-entry (ftp-drop-pkts | ftp-parse-fail-pkts |
ftp-translated-pkts)*>
```

```
<!ELEMENT msp-alg-pptp-entry (pptp-objects-active | pptp-objects-total |
pptp-objects-error | pptp-group-active | pptp-group-total | pptp-group-error |
pptp-packets-received | pptp-packets-discarded | pptp-packets-free | pptp-ocrq-rcvd
| pptp-ocrq-discarded | pptp-ocrp-rcvd | pptp-ocrp-discarded | pptp-wen-rcvd |
pptp-wen-discarded | pptp-ccrq-rcvd | pptp-cdsn-rcvd | pptp-ccrq-discarded |
pptp-session-create | pptp-session-destroy | pptp-gate-create | pptp-gate-hit |
pptp-gate-timeout | pptp-nat-event | pptp-nat-total | pptp-nat-ok |
pptp-nat-pending | pptp-nat-fail | pptp-rm-total | pptp-rm-ok | pptp-rm-pending
| pptp-rm-fail | pptp-nat-async-total | pptp-nat-async-invalid |
pptp-nat-async-error1 | pptp-nat-async-error2 | pptp-asl-hole-ok |
pptp-asl-hole-error | pptp-asl-first-hit | pptp-asl-hole-timeout | pptp-asl-invalid
| pptp-nat-ctx-free | pptp-create-resource-error | pptp-s2c-hole-error |
pptp-c2s-hole-error | pptp-lnbrk-error | pptp-mpool-error | pptp-rm-client-error)*>
```



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<!ELEMENT msp-alg-rpc-entry (rpc-call-bind-version-2 | rpc-call-bind-version-3 |
  rpc-call-bind-version-4 | rpc-call-bind-version-error | rpc-reply-bind-version-2
  | rpc-reply-bind-version-3 | rpc-reply-bind-version-4 |
  rpc-reply-bind-version-error | rpc-pkt-fragmented | rpc-pkt-drop |
  rpc-pkt-release)*>

<!ELEMENT msp-alg-rpc-portmap-entry (rpc-process-fail | rpc-request | rpc-call-dump
  | rpc-call-callit | rpc-reply-ok | rpc-reply-dump | rpc-reply-callit |
  rpc-process-reply-deny | rpc-process-reply-xid-mismatch | rpc-pkt-ver-error |
  rpc-pkt-not-rpcbind)*>

<!ELEMENT msp-alg-rsh-entry (rsh-invalid-pkts | rsh-drop-pkts | rsh-parse-fail-pkts
  | rsh-freed-pkts)*>

<!ELEMENT msp-alg-rtsp-entry (rtsp-exceed-max-data-len | rtsp-drop-packets |
  rtsp-describe-msg-cnt | rtsp-setup-msg-cnt | rtsp-teardown-msg-cnt)*>

<!ELEMENT msp-alg-sql-entry (sql-rcvd-pkts | sql-parse-fail-pkts | sql-freed-pkts
  | sql-gate-fail-errs)*>

<!ELEMENT msp-alg-talk-entry (talk-lookup-pkts | talk-announce-pkts |
  talk-delete-pkts)*>

<!ELEMENT msp-per-service-set-sess-table (msp-sess-entry | sfw-flow-entry |
  nat-plugin-sess-entry)*>

<!ELEMENT msp-sess-alg-id (#PCDATA)>

<!ELEMENT msp-sess-entry (msp-sess-id | msp-sess-alg-id | msp-sess-flags |
  msp-sess-ip-action | msp-sess-offload | msp-sess-plugin-info)*>

<!ELEMENT msp-sess-flags (#PCDATA)>

<!ELEMENT msp-sess-id (#PCDATA)>

<!ELEMENT msp-sess-ip-action (#PCDATA)>

<!ELEMENT msp-sess-offload (#PCDATA)>

<!ELEMENT msp-sess-plugin-info (#PCDATA)>

<!ELEMENT nat-action (#PCDATA)>

<!ELEMENT nat-dst-ipv4-restorations (#PCDATA)>

<!ELEMENT nat-dst-ipv4-translations (#PCDATA)>

<!ELEMENT nat-dst-port-restorations (#PCDATA)>

<!ELEMENT nat-dst-port-translations (#PCDATA)>

<!ELEMENT nat-gre-call-id-restorations (#PCDATA)>

<!ELEMENT nat-gre-call-id-translations (#PCDATA)>

<!ELEMENT nat-icmp-error-translations (#PCDATA)>

<!ELEMENT nat-icmp-id-restorations (#PCDATA)>

<!ELEMENT nat-icmp-id-translations (#PCDATA)>

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<!ELEMENT nat-map-allocation-failures (#PCDATA)>
<!ELEMENT nat-map-allocation-successes (#PCDATA)>
<!ELEMENT nat-pkt-dst-in-nat-route (#PCDATA)>
<!ELEMENT nat-plugin-sess-entry (nat-action | sfw-flow-nat)*>
<!ELEMENT nat-ports-exhausted (#PCDATA)>
<!ELEMENT nat-session-accepts-due-to-alg (#PCDATA)>
<!ELEMENT nat-session-ext-alloc-failures (#PCDATA)>
<!ELEMENT nat-src-ipv4-restorations (#PCDATA)>
<!ELEMENT nat-src-ipv4-translations (#PCDATA)>
<!ELEMENT nat-src-port-restorations (#PCDATA)>
<!ELEMENT nat-src-port-translations (#PCDATA)>
<!ELEMENT nat-tcp-port-restorations (#PCDATA)>
<!ELEMENT nat-tcp-port-translations (#PCDATA)>
<!ELEMENT nat-total-pkts-discarded (#PCDATA)>
<!ELEMENT nat-total-pkts-forwarded (#PCDATA)>
<!ELEMENT nat-total-pkts-processed (#PCDATA)>
<!ELEMENT nat-total-pkts-restored (#PCDATA)>
<!ELEMENT nat-total-pkts-translated (#PCDATA)>
<!ELEMENT nat-total-session-accepts (#PCDATA)>
<!ELEMENT nat-total-session-discards (#PCDATA)>
<!ELEMENT nat-total-session-ignores (#PCDATA)>
<!ELEMENT nat-udp-port-restorations (#PCDATA)>
<!ELEMENT nat-udp-port-translations (#PCDATA)>
<!ELEMENT natmapping-address-mapping (natmapping-total-flow-count |
natmapping-source-ip | natmapping-nat-ip | natmapping-flow-count |
natmapping-source-port | natmapping-nat-port |
natmapping-flow-count-per-port-map)*>
<!ATTLIST natmapping-address-mapping junos:style CDATA #IMPLIED>
<!ELEMENT natmapping-flow-count (#PCDATA)>
<!ELEMENT natmapping-flow-count-per-port-map (#PCDATA)>
<!ELEMENT natmapping-nat-ip (#PCDATA)>
<!ELEMENT natmapping-nat-port (#PCDATA)>
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<!ELEMENT natmapping-source-ip (#PCDATA)>

<!ELEMENT natmapping-source-port (#PCDATA)>

<!ELEMENT natmapping-summary (natmapping-total-address-mappings |
natmapping-total-port-mappings | natmapping-total-filters)*>

<!ELEMENT natmapping-total-address-mappings (#PCDATA)>

<!ELEMENT natmapping-total-filters (#PCDATA)>

<!ELEMENT natmapping-total-flow-count (#PCDATA)>

<!ELEMENT natmapping-total-port-mappings (#PCDATA)>

<!ELEMENT network-packet-loss-rate (#PCDATA)>

<!ELEMENT new-flow-accepts (#PCDATA)>

<!ELEMENT new-flow-counters (new-flow-accepts | new-flow-discards |
new-flow-rejects)*>

<!ELEMENT new-flow-discards (#PCDATA)>

<!ELEMENT new-flow-rejects (#PCDATA)>

<!ELEMENT no-flow-extension (#PCDATA)>

<!ELEMENT no-softwire-id (#PCDATA)>

<!ELEMENT no-space-for-outer-header (#PCDATA)>

<!ELEMENT noise-level (#PCDATA)>

<!ELEMENT non-ip-packets (#PCDATA)>

<!ELEMENT non-ipv4 (#PCDATA)>

<!ELEMENT non-syn-first-packet (#PCDATA)>

<!ELEMENT not-actively-checked-server-address (#PCDATA)>

<!ELEMENT not-actively-checked-server-name (#PCDATA)>

<!ELEMENT not-actively-checked-server-next-availability (#PCDATA)>

<!ELEMENT notification-regulation (#PCDATA)>

<!ELEMENT notify-invalid (#PCDATA)>

<!ELEMENT notify-valid (#PCDATA)>

<!ELEMENT num-created-flows-per-sec (#PCDATA)>

<!ELEMENT num-deleted-flows-per-sec (#PCDATA)>

<!ELEMENT num-groups (#PCDATA)>

<!ELEMENT num-holes (#PCDATA)>

<!ELEMENT num-resources (#PCDATA)>
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<!ELEMENT num-sessions (#PCDATA)>

<!ELEMENT num-total-flows-active (#PCDATA)>

<!ELEMENT num-total-other-flows-active (#PCDATA)>

<!ELEMENT num-total-tcp-flows-active (#PCDATA)>

<!ELEMENT num-total-udp-flows-active (#PCDATA)>

<!ELEMENT number-of-calls (#PCDATA)>

<!ELEMENT number-of-ctf-error-replied-messages (#PCDATA)>

<!ELEMENT number-of-ctf-messages (#PCDATA)>

<!ELEMENT number-of-ctf-replied-messages (#PCDATA)>

<!ELEMENT number-of-ctf-retries-messages (#PCDATA)>

<!ELEMENT number-of-filters (#PCDATA)>

<!ELEMENT number-of-terms (#PCDATA)>

<!ELEMENT octets-received (#PCDATA)>

<!ELEMENT octets-sent (#PCDATA)>

<!ELEMENT one-second-usage (#PCDATA)>

<!ELEMENT options-invalid (#PCDATA)>

<!ELEMENT options-valid (#PCDATA)>

<!ELEMENT output (#PCDATA)>

<!ELEMENT output-fragments (#PCDATA)>

<!ELEMENT output-retry (#PCDATA)>

<!ELEMENT overload-control-entry (queue-limit-percentage |
reject-new-calls-threshold | reject-all-commands-threshold)*>

<!ELEMENT overload-last-reset-time (#PCDATA)>

<!ELEMENT packet-loss-concealment-type (#PCDATA)>

<!ELEMENT packet-not-ipv4-in-ipv6 (#PCDATA)>

<!ELEMENT packet-not-ipv6-in-ipv4 (#PCDATA)>

<!ELEMENT packet-processing-error (#PCDATA)>

<!ELEMENT packets (#PCDATA)>

<!ELEMENT parent-fflow-dst-ip (#PCDATA)>

<!ELEMENT parent-fflow-dst-port (#PCDATA)>

<!ELEMENT parent-fflow-src-ip (#PCDATA)>
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<!ELEMENT parent-fflow-src-port (#PCDATA)>

<!ELEMENT parent-flow-protocol (#PCDATA)>

<!ELEMENT parent-rflow-dst-ip (#PCDATA)>

<!ELEMENT parent-rflow-dst-port (#PCDATA)>

<!ELEMENT parent-rflow-src-ip (#PCDATA)>

<!ELEMENT parent-rflow-src-port (#PCDATA)>

<!ELEMENT parent-sess-id (#PCDATA)>

<!ELEMENT parent-sess-state (#PCDATA)>

<!ELEMENT parent-session-id (#PCDATA)>

<!ELEMENT parser-counters (syntax-errors | content-errors | unknown-methods)*>

<!ELEMENT peak-created-flows-per-second (#PCDATA)>

<!ELEMENT peak-deleted-flows-per-second (#PCDATA)>

<!ELEMENT peak-total-flows-active (#PCDATA)>

<!ELEMENT peak-total-other-flows-active (#PCDATA)>

<!ELEMENT peak-total-tcp-flows-active (#PCDATA)>

<!ELEMENT peak-total-udp-flows-active (#PCDATA)>

<!ELEMENT per-command-header-name (#PCDATA)>

<!ELEMENT pgcp-conversation (pgcp-flow-table-conv-initiator |
pgcp-flow-table-conv-responder | service-pgcp-flow-table)*>

<!ELEMENT pgcp-flow-destination-ip (#PCDATA)>

<!ELEMENT pgcp-flow-destination-port (#PCDATA)>

<!ELEMENT pgcp-flow-direction (#PCDATA)>

<!ELEMENT pgcp-flow-entry (pgcp-flow-protocol | pgcp-flow-source-ip |
pgcp-flow-source-port | pgcp-flow-destination-ip | pgcp-flow-destination-port |
pgcp-flow-state | pgcp-flow-direction | pgcp-flow-frame-counter | pgcp-flow-gate-id
| pgcp-flow-nat | pgcp-flow-table-byte-count | source-routing-instance |
destination-routing-instance | pgcp-flow-table-tcp-window-size |
pgcp-flow-table-tcp-acknowledge | pgcp-flow-table-tcp-tickle | pgcp-flow-table-role
| pgcp-flow-table-timeout | pgcp-flow-table-protocol-detail |
flow-gate-tman-policing | flow-gate-sdr | flow-gate-sdr-mbs | flow-gate-pdr |
flow-gate-pdr-mbs)*>

<!ELEMENT pgcp-flow-frame-counter (#PCDATA)>

<!ELEMENT pgcp-flow-gate-id (#PCDATA)>

<!ELEMENT pgcp-flow-nat (pgcp-flow-nat-ip | pgcp-flow-nat-port |
pgcp-flow-translated-ip | pgcp-flow-translated-port)*>
<!--LIST pgcp-flow-nat nat-type CDATA #IMPLIED-->

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<!ELEMENT pgcp-flow-nat-ip (#PCDATA)>

<!ELEMENT pgcp-flow-nat-port (#PCDATA)>

<!ELEMENT pgcp-flow-protocol (#PCDATA)>

<!ELEMENT pgcp-flow-source-ip (#PCDATA)>

<!ELEMENT pgcp-flow-source-port (#PCDATA)>

<!ELEMENT pgcp-flow-state (#PCDATA)>

<!ELEMENT pgcp-flow-table-byte-count (#PCDATA)>

<!ELEMENT pgcp-flow-table-conv-initiator (#PCDATA)>

<!ELEMENT pgcp-flow-table-conv-responder (#PCDATA)>

<!ELEMENT pgcp-flow-table-protocol-detail (#PCDATA)>

<!ELEMENT pgcp-flow-table-role (#PCDATA)>

<!ELEMENT pgcp-flow-table-tcp-acknowledge (#PCDATA)>

<!ELEMENT pgcp-flow-table-tcp-tickle (#PCDATA)>

<!ELEMENT pgcp-flow-table-tcp-window-size (#PCDATA)>

<!ELEMENT pgcp-flow-table-timeout (#PCDATA)>

<!ELEMENT pgcp-flow-translated-ip (#PCDATA)>

<!ELEMENT pgcp-flow-translated-port (#PCDATA)>

<!ELEMENT pgcp-per-service-set-conversation (service-set-name | interface-name |
pgcp-conversation)*>

<!ELEMENT pgcp-per-service-set-flow-table (service-set-name | interface-name |
service-pgcp-flow-table)*>

<!ELEMENT pgcpd-active-configuration (virtual-interface-entry | controller-entry
| h248-timers-entry | h248-options-entry | base-root-entry |
h248-segmentation-properties-entry | h248-diffserv-entry |
h248-notification-behavior-entry | h248-application-data-inactivity-detection-entry
| h248-event-timestamp-notification-entry | inactivity-timer-entry |
fast-update-filters-entry | overload-control-entry | gateway-entry | rule-ref-entry
| rule-entry | service-pic-entry | service-set-entry | firewall-entry |
pgcpd-config)*>

<!ELEMENT pgcpd-config (media-service-entry | virtual-interface-entry |
gateway-entry | rule-entry | service-set-entry | service-pic-entry |
firewall-entry)*>

<!ELEMENT pic-name (#PCDATA)>

<!ELEMENT pic-status (#PCDATA)>

<!ELEMENT ping-duplicate-sequence-number (#PCDATA)>

<!ELEMENT ping-mismatched-sequence-number (#PCDATA)>
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<!ELEMENT platform (#PCDATA)>
<!ELEMENT plugin-id (#PCDATA)>
<!ELEMENT plugin-name (#PCDATA)>
<!ELEMENT plugins-configured (#PCDATA)>
<!ELEMENT pool-address-end (#PCDATA)>
<!ELEMENT pool-address-range (#PCDATA)>
<!ELEMENT pool-address-range-list (#PCDATA)>
<!ELEMENT pool-address-start (#PCDATA)>
<!ELEMENT pool-addresses-in-use (#PCDATA)>
<!ELEMENT pool-max-ports-in-use (#PCDATA)>
<!ELEMENT pool-name (#PCDATA)>
<!ELEMENT pool-out-of-address-errors (#PCDATA)>
<!ELEMENT pool-out-of-port-errors (#PCDATA)>
<!ELEMENT pool-port-high (#PCDATA)>
<!ELEMENT pool-port-low (#PCDATA)>
<!ELEMENT pool-port-range (#PCDATA)>
<!ELEMENT pool-ports-in-use (#PCDATA)>
<!ELEMENT pptp-asl-first-hit (#PCDATA)>
<!ELEMENT pptp-asl-hole-error (#PCDATA)>
<!ELEMENT pptp-asl-hole-ok (#PCDATA)>
<!ELEMENT pptp-asl-hole-timeout (#PCDATA)>
<!ELEMENT pptp-asl-invalid (#PCDATA)>
<!ELEMENT pptp-c2s-hole-error (#PCDATA)>
<!ELEMENT pptp-ccrq-discarded (#PCDATA)>
<!ELEMENT pptp-ccrq-rcvd (#PCDATA)>
<!ELEMENT pptp-cdsn-rcvd (#PCDATA)>
<!ELEMENT pptp-create-resource-error (#PCDATA)>
<!ELEMENT pptp-gate-create (#PCDATA)>
<!ELEMENT pptp-gate-hit (#PCDATA)>
<!ELEMENT pptp-gate-timeout (#PCDATA)>
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<!ELEMENT ptp-group-active (#PCDATA)>
<!ELEMENT ptp-group-error (#PCDATA)>
<!ELEMENT ptp-group-total (#PCDATA)>
<!ELEMENT ptp-lnbrk-error (#PCDATA)>
<!ELEMENT ptp-mpool-error (#PCDATA)>
<!ELEMENT ptp-nat-async-error1 (#PCDATA)>
<!ELEMENT ptp-nat-async-error2 (#PCDATA)>
<!ELEMENT ptp-nat-async-invalid (#PCDATA)>
<!ELEMENT ptp-nat-async-total (#PCDATA)>
<!ELEMENT ptp-nat-ctx-free (#PCDATA)>
<!ELEMENT ptp-nat-event (#PCDATA)>
<!ELEMENT ptp-nat-fail (#PCDATA)>
<!ELEMENT ptp-nat-ok (#PCDATA)>
<!ELEMENT ptp-nat-pending (#PCDATA)>
<!ELEMENT ptp-nat-total (#PCDATA)>
<!ELEMENT ptp-objects-active (#PCDATA)>
<!ELEMENT ptp-objects-error (#PCDATA)>
<!ELEMENT ptp-objects-total (#PCDATA)>
<!ELEMENT ptp-ocrp-discarded (#PCDATA)>
<!ELEMENT ptp-ocrp-rcvd (#PCDATA)>
<!ELEMENT ptp-ocrq-discarded (#PCDATA)>
<!ELEMENT ptp-ocrq-rcvd (#PCDATA)>
<!ELEMENT ptp-packets-discarded (#PCDATA)>
<!ELEMENT ptp-packets-free (#PCDATA)>
<!ELEMENT ptp-packets-received (#PCDATA)>
<!ELEMENT ptp-rm-client-error (#PCDATA)>
<!ELEMENT ptp-rm-fail (#PCDATA)>
<!ELEMENT ptp-rm-ok (#PCDATA)>
<!ELEMENT ptp-rm-pending (#PCDATA)>
<!ELEMENT ptp-rm-total (#PCDATA)>
<!ELEMENT ptp-s2c-hole-error (#PCDATA)>
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<!ELEMENT pptp-session-create (#PCDATA)>

<!ELEMENT pptp-session-destroy (#PCDATA)>

<!ELEMENT pptp-wen-discarded (#PCDATA)>

<!ELEMENT pptp-wen-rcvd (#PCDATA)>

<!ELEMENT process-id (#PCDATA)>

<!ELEMENT proto (#PCDATA)>

<!ELEMENT protocol-errors (#PCDATA)>

<!ELEMENT protocol-inspected-flow (#PCDATA)>

<!ELEMENT protocol-inspection-bytes (#PCDATA)>

<!ELEMENT protocol-inspection-flow (#PCDATA)>

<!ELEMENT protocol-inspection-flow-protocol-identified (#PCDATA)>

<!ELEMENT protocol-inspection-http-uri (#PCDATA)>

<!ELEMENT protocol-inspection-http-uri-matched (#PCDATA)>

<!ELEMENT protocol-inspection-packets (#PCDATA)>

<!ELEMENT protocol-inspection-wap-uri (#PCDATA)>

<!ELEMENT protocol-inspection-wap-uri-matched (#PCDATA)>

<!ELEMENT quality-of-service-entries (quality-of-service-entry)*>

<!ELEMENT quality-of-service-entry (cpu-name | idle | timer | system | output |
input | fragment-output | bypass-output | free-frame)*>

<!ELEMENT queue-limit-percentage (#PCDATA)>

<!ELEMENT r-factor (#PCDATA)>

<!ELEMENT radius-accounting-server-information-entry (radius-server-ip-address |
radius-server-state | radius-server-udp-port | radius-server-retry-count |
radius-server-timeout | radius-server-pending-requests |
radius-server-maximum-sessions | radius-server-dead-time |
radius-server-secret-type)*>

<!ELEMENT radius-accounting-statistic-information-entry
(radius-server-statistics-entry-header | radius-server-profile-name |
radius-server-ip-address | radius-server-udp-port | radius-statistic-requests |
radius-statistic-start-requests | radius-statistic-interim-requests |
radius-statistic-stop-requests | radius-statistic-rollover-requests |
radius-statistic-retransmissions | radius-statistic-responses |
radius-statistic-start-responses | radius-statistic-interim-responses |
radius-statistic-stop-responses | radius-statistic-malformed-responses |
radius-statistic-bad-authenticators | radius-statistic-requests-pending |
radius-statistic-request-timeouts | radius-statistic-unknown-responses |
radius-statistic-packets-dropped)*>

<!ELEMENT radius-authentication-server-information-entry (radius-server-ip-address

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| radius-server-state | radius-server-udp-port | radius-server-retry-count |
radius-server-timeout | radius-server-pending-requests |
radius-server-maximum-sessions | radius-server-dead-time |
radius-server-secret-type)*>

<!ELEMENT radius-authentication-statistic-information-entry
(radius-server-statistics-entry-header | radius-server-profile-name |
radius-server-ip-address | radius-server-udp-port |
radius-statistic-access-requests | radius-statistic-rollover-requests |
radius-statistic-retransmissions | radius-statistic-access-accepts |
radius-statistic-access-rejects | radius-statistic-access-challenges |
radius-statistic-malformed-responses | radius-statistic-bad-authenticators |
radius-statistic-requests-pending | radius-statistic-request-timeouts |
radius-statistic-unknown-responses | radius-statistic-packets-dropped)*>

<!ELEMENT radius-client-password (#PCDATA)>

<!ELEMENT radius-client-user-name (#PCDATA)>

<!ELEMENT radius-profile-access-test-detail-result (radius-profile-name |
radius-client-user-name | radius-client-password | radius-profile-num-servers |
radius-server-ip-address | radius-server-udp-port | radius-server-source-address
| radius-server-timeout | radius-server-retry-count | radius-server-secret |
radius-server-status | radius-server-attempts | radius-server-attribute-name |
radius-server-attribute-len | radius-server-attribute-value)*>

<!ELEMENT radius-profile-access-test-result (radius-profile-name |
radius-client-user-name | radius-client-password | radius-profile-num-servers |
radius-server-ip-address | radius-server-udp-port | radius-server-source-address
| radius-server-timeout | radius-server-retry-count | radius-server-secret |
radius-server-status | radius-server-attempts)*>

<!ELEMENT radius-profile-name (#PCDATA)>

<!ELEMENT radius-profile-num-servers (#PCDATA)>

<!ELEMENT radius-server-access-test-result (radius-server-ip-address |
radius-server-udp-port | radius-server-source-address | radius-server-timeout |
radius-server-retry-count | radius-server-secret | radius-client-user-name |
radius-client-password | radius-server-status)*>

<!ELEMENT radius-server-attempts (#PCDATA)>

<!ELEMENT radius-server-attribute-len (#PCDATA)>

<!ELEMENT radius-server-attribute-name (#PCDATA)>

<!ELEMENT radius-server-attribute-value (#PCDATA)>

<!ELEMENT radius-server-dead-time (#PCDATA)>

<!ELEMENT radius-server-information-table-header (#PCDATA)>

<!ELEMENT radius-server-ip-address (#PCDATA)>

<!ELEMENT radius-server-maximum-sessions (#PCDATA)>

<!ELEMENT radius-server-pending-requests (#PCDATA)>

<!ELEMENT radius-server-profile-name (#PCDATA)>
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<!ELEMENT radius-server-retry-count (#PCDATA)>
<!ELEMENT radius-server-secret (#PCDATA)>
<!ELEMENT radius-server-secret-type (#PCDATA)>
<!ELEMENT radius-server-source-address (#PCDATA)>
<!ELEMENT radius-server-state (#PCDATA)>
<!ELEMENT radius-server-statistics-entry-header (#PCDATA)>
<!ELEMENT radius-server-status (#PCDATA)>
<!ELEMENT radius-server-timeout (#PCDATA)>
<!ELEMENT radius-server-udp-port (#PCDATA)>
<!ELEMENT radius-statistic-access-accepts (#PCDATA)>
<!ELEMENT radius-statistic-access-challenges (#PCDATA)>
<!ELEMENT radius-statistic-access-rejects (#PCDATA)>
<!ELEMENT radius-statistic-access-requests (#PCDATA)>
<!ELEMENT radius-statistic-bad-authenticators (#PCDATA)>
<!ELEMENT radius-statistic-interim-requests (#PCDATA)>
<!ELEMENT radius-statistic-interim-responses (#PCDATA)>
<!ELEMENT radius-statistic-malformed-responses (#PCDATA)>
<!ELEMENT radius-statistic-packets-dropped (#PCDATA)>
<!ELEMENT radius-statistic-request-timeouts (#PCDATA)>
<!ELEMENT radius-statistic-requests (#PCDATA)>
<!ELEMENT radius-statistic-requests-pending (#PCDATA)>
<!ELEMENT radius-statistic-responses (#PCDATA)>
<!ELEMENT radius-statistic-retransmissions (#PCDATA)>
<!ELEMENT radius-statistic-rollover-requests (#PCDATA)>
<!ELEMENT radius-statistic-start-requests (#PCDATA)>
<!ELEMENT radius-statistic-start-responses (#PCDATA)>
<!ELEMENT radius-statistic-stop-requests (#PCDATA)>
<!ELEMENT radius-statistic-stop-responses (#PCDATA)>
<!ELEMENT radius-statistic-unknown-responses (#PCDATA)>
<!ELEMENT reassembly (#PCDATA)>
<!ELEMENT received-dscp (#PCDATA)>
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<!ELEMENT received-forwarding-class (#PCDATA)>

<!ELEMENT ref-count (#PCDATA)>

<!ELEMENT refer-invalid (#PCDATA)>

<!ELEMENT refer-valid (#PCDATA)>

<!ELEMENT register-new (#PCDATA)>

<!ELEMENT reinvides (#PCDATA)>

<!ELEMENT reject-all-commands-threshold (#PCDATA)>

<!ELEMENT reject-new-calls-threshold (#PCDATA)>

<!ELEMENT remote-ip-address (#PCDATA)>

<!ELEMENT remote-port (#PCDATA)>

<!ELEMENT replication-socket (#PCDATA)>

<!ELEMENT requested-timestamp (#PCDATA)>

<!ELEMENT residual-echo-return-loss (#PCDATA)>

<!ELEMENT resource (#PCDATA)>

<!ELEMENT resource-id (#PCDATA)>

<!ELEMENT resource-is-active (#PCDATA)>

<!ELEMENT resource-state (#PCDATA)>

<!ELEMENT resources-active (#PCDATA)>

<!ELEMENT response-global-failure (#PCDATA)>

<!ELEMENT response-invalid (#PCDATA)>

<!ELEMENT response-invite-ok (#PCDATA)>

<!ELEMENT response-non-invite-ok (#PCDATA)>

<!ELEMENT response-provisional (#PCDATA)>

<!ELEMENT response-redir (#PCDATA)>

<!ELEMENT response-request-failure (#PCDATA)>

<!ELEMENT response-retransmits (#PCDATA)>

<!ELEMENT response-server-failure (#PCDATA)>

<!ELEMENT restart-bsg-service-information (gateway-name | platform | process-id)*>

<!ELEMENT restart-pgcp-service-information (gateway-name | platform | process-id)*>

<!ELEMENT root-termination-information (#PCDATA)>
```

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<!ELEMENT routing-instance (#PCDATA)>
<!ELEMENT rpc-call-bind-version-2 (#PCDATA)>
<!ELEMENT rpc-call-bind-version-3 (#PCDATA)>
<!ELEMENT rpc-call-bind-version-4 (#PCDATA)>
<!ELEMENT rpc-call-bind-version-error (#PCDATA)>
<!ELEMENT rpc-call-callit (#PCDATA)>
<!ELEMENT rpc-call-dump (#PCDATA)>
<!ELEMENT rpc-pkt-drop (#PCDATA)>
<!ELEMENT rpc-pkt-fragmented (#PCDATA)>
<!ELEMENT rpc-pkt-not-rpcbind (#PCDATA)>
<!ELEMENT rpc-pkt-release (#PCDATA)>
<!ELEMENT rpc-pkt-ver-error (#PCDATA)>
<!ELEMENT rpc-process-fail (#PCDATA)>
<!ELEMENT rpc-process-reply-deny (#PCDATA)>
<!ELEMENT rpc-process-reply-xid-mismatch (#PCDATA)>
<!ELEMENT rpc-reply-bind-version-2 (#PCDATA)>
<!ELEMENT rpc-reply-bind-version-3 (#PCDATA)>
<!ELEMENT rpc-reply-bind-version-4 (#PCDATA)>
<!ELEMENT rpc-reply-bind-version-error (#PCDATA)>
<!ELEMENT rpc-reply-callit (#PCDATA)>
<!ELEMENT rpc-reply-dump (#PCDATA)>
<!ELEMENT rpc-reply-ok (#PCDATA)>
<!ELEMENT rpc-request (#PCDATA)>
<!ELEMENT rsh-drop-pkts (#PCDATA)>
<!ELEMENT rsh-freed-pkts (#PCDATA)>
<!ELEMENT rsh-invalid-pkts (#PCDATA)>
<!ELEMENT rsh-parse-fail-pkts (#PCDATA)>
<!ELEMENT rtcp-mbs (#PCDATA)>
<!ELEMENT rtcp-pdr (#PCDATA)>
<!ELEMENT rtcp-round-trip-delay (#PCDATA)>
<!ELEMENT rtcp-sdr (#PCDATA)>
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<!ELEMENT rtcp-xr-ssrc (#PCDATA)>

<!ELEMENT rtsp-describe-msg-cnt (#PCDATA)>

<!ELEMENT rtsp-drop-packets (#PCDATA)>

<!ELEMENT rtsp-exceed-max-data-len (#PCDATA)>

<!ELEMENT rtsp-setup-msg-cnt (#PCDATA)>

<!ELEMENT rtsp-teardown-msg-cnt (#PCDATA)>

<!ELEMENT rule-entry (rule-name | rule-gateway-name | media-service-ref-entry)*>

<!ELEMENT rule-gateway-name (#PCDATA)>

<!ELEMENT rule-match-failed (#PCDATA)>

<!ELEMENT rule-match-succeeded (#PCDATA)>

<!ELEMENT rule-name (#PCDATA)>

<!ELEMENT rule-ref-entry (rule-ref-name)*>

<!ELEMENT rule-ref-name (#PCDATA)>

<!ELEMENT sequencer-entries (sequencer-entry)*>

<!ELEMENT sequencer-entry (cpu-name | idle | system | input-lfi | input-fragments
| output-fragments | output-retry)*>

<!ELEMENT service-bsg-debug-method-invoker
(service-bsg-debug-method-invoker-result)*>

<!ELEMENT service-bsg-debug-method-invoker-result (#PCDATA)>

<!ELEMENT service-cos-statistics-entry (interface-name | service-set-name |
cos-stats-service-set-dscp-information |
cos-stats-service-set-forwarding-class-information)*>

<!ELEMENT service-cos-statistics-information (service-cos-statistics-entry)*>
<!--ATTLIST service-cos-statistics-information junos:style CDATA #IMPLIED-->

<!ELEMENT service-crtp-extensive-information (#PCDATA)>

<!ELEMENT service-crtp-flow-table (crtp-flow-entry)*>

<!ELEMENT service-crtp-flow-table-information (crtp-per-interface-flow-table)*>

<!ELEMENT service-crtp-params-information (#PCDATA)>

<!ELEMENT service-current-softwire-count (interface-name | service-set-name |
ds-lite-softwire-count | v6rd-softwire-count)*>

<!ELEMENT service-current-softwire-count-information
(service-current-softwire-count)*>

<!ELEMENT service-flow-analysis-information (flow-analysis-statistics-pic-info |
flow-analysis-statistics-entry)*>
```

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<!ELEMENT service-identification-statistics (interface-name | interfaces | packets
  | bytes | errored-packets | errored-bytes | packet-processing-error |
  errored-packets-tcp-malformed | errored-packets-wap-invalid-transaction |
  errored-packets-wap-transaction-in-error |
  errored-packets-http-transaction-in-error | header-examination-packets |
  header-examination-bytes | header-examination-flow |
  header-examination-flow-matched | header-examination-protocol-required |
  header-examination-http-protocol-required |
  header-examination-wap-protocol-required | protocol-inspected-flow |
  protocol-inspection-flow | protocol-inspection-packets | protocol-inspection-bytes
  | protocol-inspection-flow-protocol-identified | protocol-inspection-http-uri |
  protocol-inspection-http-uri-matched | protocol-inspection-wap-uri |
  protocol-inspection-wap-uri-matched | wap-transaction-created |
  wap-transaction-maximum | wap-transaction-freed | wap-transaction-idle-freed |
  http-transaction-created | http-transaction-maximum | http-transaction-freed |
  http-transaction-idle-freed | uri-processing-error | uri-error-failed-to-process
  | uri-error-too-long | transaction-error-failed-to-parse |
  uri-error-no-system-resources | header-examination-failed-configuration |
  uri-examination-failed-configuration)*>

<!ELEMENT service-identification-statistics-information
(service-identification-statistics)*>

<!ELEMENT service-ids-flow-table-information (ids-show-summary |
ids-per-service-set-flow-table)*>

<!ELEMENT service-l2tp-destination-clear-information
(l2tp-destination-clear-entry)*>

<!ELEMENT service-l2tp-destination-information (l2tp-destination-table)*>

<!ELEMENT service-l2tp-lac-summary-information (l2tp-lac-summary-table)*>

<!ELEMENT service-l2tp-multilink-clear-information (l2tp-multilink-clear-entry)*>

<!ELEMENT service-l2tp-session-clear-information (l2tp-session-clear-entry)*>

<!ELEMENT service-l2tp-session-information (l2tp-per-tunnel-session-table)*>

<!ELEMENT service-l2tp-summary-information (l2tp-summary-table)*>

<!ELEMENT service-l2tp-tunnel-clear-information (l2tp-tunnel-clear-entry)*>

<!ELEMENT service-l2tp-tunnel-information (l2tp-per-tunnel-group-tunnel-table)*>

<!ELEMENT service-l2tp-user-information (l2tp-per-tunnel-user-table)*>

<!ELEMENT service-msp-alg-conversation-information (interface-name |
msp-alg-conv-all-entry | msp-alg-conv-all-extensive-entry |
msp-alg-conv-summary-entry | msp-alg-conv-groups-entry |
msp-alg-conv-group-num-entry | msp-alg-conv-resources-entry |
msp-alg-conv-resource-num-entry)*>

<!ELEMENT service-msp-alg-stats-information (interface-name | msp-alg-rsh-entry
| msp-alg-dns-entry | msp-alg-pptp-entry | msp-alg-rtsp-entry | msp-alg-ftp-entry
| msp-alg-talk-entry | msp-alg-sql-entry | msp-alg-dce-rpc-portmap-entry |
msp-alg-dce-rpc-entry | msp-alg-rpc-portmap-entry | msp-alg-rpc-entry)*>

<!ELEMENT service-msp-flow-drain (interface-name | service-set-name |
flows-removed)*>

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<!ELEMENT service-msp-flow-drain-information (service-msp-flow-drain)*>

<!ELEMENT service-msp-sess-count (interface-name | service-set-name | sess-count)*>

<!ELEMENT service-msp-sess-count-information (service-msp-sess-count)*>

<!ELEMENT service-msp-sess-table-information (msp-per-service-set-sess-table)*>

<!ELEMENT service-nat-ipv6-multicast-interfaces (v6-multicast-interface-name |
v6-multicast-configured-status | v6-multicast-operation-status |
v6-multicast-by-all)*>

<!ELEMENT service-nat-ipv6-multicast-interfaces-information
(service-nat-ipv6-multicast-interfaces)*>
<!ATTLIST service-nat-ipv6-multicast-interfaces-information junos:style CDATA
#IMPLIED>

<!ELEMENT service-nat-mapping-information (natmapping-address-mapping |
sfw-per-service-set-nat-mapping | natmapping-summary)*>

<!ELEMENT service-nat-pool (pool-name | translation-type | pool-address-start |
pool-address-end | pool-address-range | pool-address-range-list | pool-port-low
| pool-port-high | pool-port-range | pool-ports-in-use | pool-out-of-port-errors
| pool-out-of-address-errors | pool-max-ports-in-use | pool-addresses-in-use)*>

<!ELEMENT service-nat-pool-information (sfw-per-service-set-nat-pool)*>

<!ELEMENT service-nat-pool-map (pool-name | natmapping-address-mapping)*>

<!ELEMENT service-nat-statistics-information (interface-name |
nat-total-session-accepts | nat-total-session-discards | nat-total-session-ignores
| nat-session-accepts-due-to-alg | nat-pkt-dst-in-nat-route |
nat-session-ext-alloc-failures | nat-map-allocation-successes |
nat-map-allocation-failures | nat-total-pkts-processed | nat-total-pkts-forwarded
| nat-total-pkts-discarded | nat-total-pkts-translated | nat-total-pkts-restored
| nat-src-ipv4-translations | nat-src-ipv4-restorations |
nat-dst-ipv4-translations | nat-dst-ipv4-restorations | nat-src-port-translations
| nat-src-port-restorations | nat-dst-port-translations |
nat-dst-port-restorations | nat-icmp-id-translations | nat-icmp-id-restorations
| nat-icmp-error-translations | nat-tcp-port-translations |
nat-tcp-port-restorations | nat-udp-port-translations | nat-udp-port-restorations
| nat-gre-call-id-translations | nat-gre-call-id-restorations)*>

<!ELEMENT service-pgcp-conversation-information
(pgcp-per-service-set-conversation)*>

<!ELEMENT service-pgcp-debug-applicationq-latency
(debug-applicationq-latency-information)*>

<!ELEMENT service-pgcp-debug-applicationq-size
(debug-applicationq-size-information)*>

<!ELEMENT service-pgcp-debug-commit-latency (debug-commit-latency-information)*>

<!ELEMENT service-pgcp-debug-mem-mgmt-location
(debug-mem-mgmt-location-information)*>

<!ELEMENT service-pgcp-debug-mem-mgmt-memory-usage
(debug-mem-mgmt-memory-usage-information)*>

<!ELEMENT service-pgcp-debug-mem-mgmt-type (debug-mem-mgmt-type-information)*>
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<!ELEMENT service-pgcp-debug-profiling-applicationq-latency-information (#PCDATA)>

<!ELEMENT service-pgcp-debug-profiling-datastore-commit-latency-information
(#PCDATA)>

<!ELEMENT service-pgcp-debug-profiling-resumeq-latency-information (#PCDATA)>

<!ELEMENT service-pgcp-debug-profiling-waitq-latency-information (#PCDATA)>

<!ELEMENT service-pgcp-debug-profiling-workq-latency-information (#PCDATA)>

<!ELEMENT service-pgcp-debug-resumeq-latency (debug-resumeq-latency-information)*>

<!ELEMENT service-pgcp-debug-resumeq-size (debug-resumeq-size-information)*>

<!ELEMENT service-pgcp-debug-roundtrip (debug-roundtrip-information)*>

<!ELEMENT service-pgcp-debug-waitq-latency (debug-waitq-latency-information)*>

<!ELEMENT service-pgcp-debug-waitq-size (debug-waitq-size-information)*>

<!ELEMENT service-pgcp-debug-workq-latency (debug-workq-latency-information)*>

<!ELEMENT service-pgcp-debug-workq-size (debug-workq-size-information)*>

<!ELEMENT service-pgcp-error-reply (service-pgcp-error-reply-message)*>

<!ELEMENT service-pgcp-error-reply-message (#PCDATA)>

<!ELEMENT service-pgcp-flow-count (interface-name | service-set-name |
flow-count)*>

<!ELEMENT service-pgcp-flow-count-information (service-pgcp-flow-count)*>

<!ELEMENT service-pgcp-flow-table (pgcp-flow-entry)*>
<ATTLIST service-pgcp-flow-table heading CDATA #IMPLIED>

<!ELEMENT service-pgcp-flow-table-information (pgcp-per-service-set-flow-table)*>

<!ELEMENT service-pgcp-gate-entry-information (gate-id | gate-state |
gate-direction | gate-action | source-routing-instance |
destination-routing-instance | gate-service-set-id | media-card-name |
media-handler-name | termination-id-string | gate-remote-source-address |
gate-remote-source-port | gate-remote-destination-address |
gate-remote-destination-port | gate-local-source-address | gate-local-source-port
| gate-local-destination-address | gate-local-destination-port | gate-transport
| gate-rtcp-shadow | gate-latch | gate-dscp | gate-tman-policing | gate-sdr |
gate-pdr | gate-mbs | rtcp-sdr | rtcp-pdr | rtcp-mbs | gate-fuf-policing |
gate-green-action | gate-yellow-action | gate-red-action | gate-output-packets |
gate-input-packets | gate-dropped-packets | gate-lost-rtp-packets |
gate-fractional-lost-rtp-packets | gate-rtcp-information | gate-measured-rate |
service-rate-limit-information | gate-fuf-statistics-information |
gate-mirroring-state | gate-mirroring-correlation-number | gate-mirroring-target-id
| gate-mirroring-direction)*>

<!ELEMENT service-pgcp-gates (gateway-entry | service-pgcp-gate-entry-information
| service-pgcp-gates-count)*>
<ATTLIST service-pgcp-gates junos:style CDATA #IMPLIED>

<!ELEMENT service-pgcp-gates-count (gate-count | gateway-name)*>

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<!ELEMENT service-pgcp-gates-drain-information (gateway-collections-number)*>

<!ELEMENT service-pgcp-stat-h248-per-command (command-name | commands-total |
commands-wildcard | commands-success | commands-error)*>

<!ELEMENT service-pgcp-stat-h248-per-command-header (per-command-header-name)*>

<!ELEMENT service-pgcp-statistics-drain-information (#PCDATA)>

<!ELEMENT service-pgcp-statistics-gateway (gateway-entry | service-pic-entry |
services-pgcp-dropped-traffic-entry | usage-counters-entry |
service-pgcp-statistics-h248 | service-pgcp-stat-h248-per-command-header |
service-pgcp-stat-h248-per-command)*>

<!ELEMENT service-pgcp-statistics-h248 (messages-received | octets-received |
messages-sent | octets-sent | protocol-errors | transport-losses |
last-detected-event | last-detected-event-time | last-reset-time)*>

<!ELEMENT service-pgcp-termination-entry-information (termination-id-string |
termination-state | termination-duration | termination-h248-dump)*>

<!ELEMENT service-pgcp-termination-gates-information (gate-id | gate-direction |
gate-state | gate-action)*>

<!ELEMENT service-pgcp-terminations (gateway-entry |
service-pgcp-termination-entry-information |
service-pgcp-termination-gates-information | service-pgcp-terminations-count)*>
<!-- service-pgcp-terminations junos:style CData #IMPLIED -->

<!ELEMENT service-pgcp-terminations-count (termination-count | gateway-name)*>

<!ELEMENT service-pic-entry (pic-name | pic-status)*>

<!ELEMENT service-point-direction (#PCDATA)>

<!ELEMENT service-rate-limit-byte-count (#PCDATA)>

<!ELEMENT service-rate-limit-entry (service-rate-limit-mark-color |
service-rate-limit-packet-count | service-rate-limit-byte-count)*>

<!ELEMENT service-rate-limit-information (service-rate-limit-entry)*>

<!ELEMENT service-rate-limit-mark-color (#PCDATA)>

<!ELEMENT service-rate-limit-packet-count (#PCDATA)>

<!ELEMENT service-set-bytes-used (#PCDATA)>

<!ELEMENT service-set-cpu-statistics (service-set-name | interface-name |
cpu-utilization-percent)*>

<!ELEMENT service-set-cpu-statistics-information (service-set-cpu-statistics)*>

<!ELEMENT service-set-cpu-utilization (#PCDATA)>

<!ELEMENT service-set-entry (service-set-name | id | rule-ref-entry)*>

<!ELEMENT service-set-memory-statistics (service-set-name | interface-name |
bytes-used)*>
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<!ELEMENT service-set-memory-statistics-information
(service-set-memory-statistics)*>

<!ELEMENT service-set-name (#PCDATA)>

<!ELEMENT service-set-packet-drop-statistics (service-set-packet-drops)*>
<!ATTLIST service-set-packet-drop-statistics junos:style CDATA #IMPLIED>

<!ELEMENT service-set-packet-drops (service-set-name | interface-name |
cpu-limit-drops | memlimit-drops | flowlimit-drops | tcpalg-drops)*>

<!ELEMENT service-set-percent-bytes-used (#PCDATA)>

<!ELEMENT service-set-percent-policy-bytes-used (#PCDATA)>

<!ELEMENT service-set-plugin-information (service-set-name | service-set-state |
plugins-configured | plugin-name | plugin-id)*>

<!ELEMENT service-set-plugin-summary (interface-name |
service-set-plugin-information)*>

<!ELEMENT service-set-policy-bytes-used (#PCDATA)>

<!ELEMENT service-set-service-type-entry (service-type | service-sets-configured
| service-set-bytes-used | service-set-percent-bytes-used |
service-set-cpu-utilization | service-set-policy-bytes-used |
service-set-percent-policy-bytes-used)*>

<!ELEMENT service-set-state (#PCDATA)>

<!ELEMENT service-set-summary-information (service-set-summary-information-entry)*>
<!ATTLIST service-set-summary-information junos:style CDATA #IMPLIED>

<!ELEMENT service-set-summary-information-entry (interface-name |
service-set-service-type-entry)*>

<!ELEMENT service-set-tcp-mss (service-set-name | interface-name | syn-received
| syn-modified)*>

<!ELEMENT service-set-tcp-mss-statistics (service-set-tcp-mss)*>

<!ELEMENT service-sets-configured (#PCDATA)>

<!ELEMENT service-sfw-conversation-information (sfw-per-service-set-conversation)*>

<!ELEMENT service-sfw-flow-count (interface-name | service-set-name | flow-count)*>

<!ELEMENT service-sfw-flow-count-information (service-sfw-flow-count)*>

<!ELEMENT service-sfw-flow-drain (interface-name | service-set-name |
conversations-removed)*>

<!ELEMENT service-sfw-flow-drain-information (service-sfw-flow-drain)*>

<!ELEMENT service-sfw-flow-table (sfw-flow-entry)*>
<!ATTLIST service-sfw-flow-table heading CDATA #IMPLIED>

<!ELEMENT service-sfw-flow-table-information (sfw-per-service-set-flow-table)*>

<!ELEMENT service-sfw-sip-call-count (interface-name | service-set-name |
sip-call-count)*>

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<!ELEMENT service-sfw-sip-call-count-information (service-sfw-sip-call-count)*>

<!ELEMENT service-sfw-sip-call-drain (interface-name | service-set-name |
sip-calls-removed)*>

<!ELEMENT service-sfw-sip-call-drain-information (service-sfw-sip-call-drain)*>

<!ELEMENT service-sfw-sip-call-information (sfw-per-service-set-sip-calls)*>

<!ELEMENT service-sfw-sip-registration-count (interface-name | service-set-name
| sip-registration-count)*>

<!ELEMENT service-sfw-sip-registration-count-information
(service-sfw-sip-registration-count)*>

<!ELEMENT service-sfw-sip-registration-drain (interface-name | service-set-name
| sip-registration-removed)*>

<!ELEMENT service-sfw-sip-registration-drain-information
(service-sfw-sip-registration-drain)*>

<!ELEMENT service-sfw-sip-registration-information
(sfw-per-service-set-sip-registrations)*>

<!ELEMENT service-sfw-statistics-entry (interface-name |
sfw-stats-service-set-entry)*>

<!ELEMENT service-sfw-statistics-information (service-sfw-statistics-entry)*>
<!-- ATTENTION: service-sfw-statistics-information junos:style CDATA #IMPLIED -->

<!ELEMENT service-software-6rd-statistics-entry (srv-pic-name | software-created
| software-deleted | flows-created | flows-deleted | slow-path | fast-path |
fast-path-encap | rule-match-failed | rule-match-succeeded |
flow-creation-failed-retry | slow-path-failed-retry | software-creation-failed |
flow-creation-failed | slow-path-failed | packet-not-ipv6-in-ipv4 |
slow-path-ipv6-next-header-offset | decap-packet-not-ipv6 |
no-space-for-outer-header | no-software-id | no-flow-extension |
icmpv4-dropped-packets)*>

<!ELEMENT service-software-6rd-statistics-information
(flow-analysis-statistics-pic-info | service-software-6rd-statistics-entry)*>

<!ELEMENT service-software-count (interface-name | service-set-name |
software-count)*>

<!ELEMENT service-software-count-information (service-software-count)*>

<!ELEMENT service-software-dslite-statistics-entry (srv-pic-name | software-created
| software-deleted | flows-created | flows-deleted | slow-path | fast-path |
fast-path-encap | rule-match-failed | rule-match-succeeded |
ipv6-packets-fragmented | flow-creation-failed-retry | slow-path-failed-retry |
software-creation-failed | flow-creation-failed | slow-path-failed |
packet-not-ipv4-in-ipv6 | ipv6-fragmentation-error |
slow-path-ipv6-next-header-offset | decap-packet-not-ipv4 |
fast-path-ipv6-next-header-offset | no-software-id | no-flow-extension |
flow-limit-exceeded)*>

<!ELEMENT service-software-dslite-statistics-information
(flow-analysis-statistics-pic-info | service-software-dslite-statistics-entry)*>
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<!ELEMENT service-softwire-flow-table-information
(service-per-service-set-flow-table)*>

<!ELEMENT service-softwire-statistics-information
(service-softwire-dslite-statistics-entry |
service-softwire-6rd-statistics-entry)*>
<!ATTLIST service-softwire-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT service-softwire-table (softwire-entry | sfw-flow-entry)*>
<!ATTLIST service-softwire-table heading CDATA #IMPLIED>

<!ELEMENT service-softwire-table-information
(service-per-service-set-flow-table)*>

<!ELEMENT service-state (#PCDATA)>

<!ELEMENT service-type (#PCDATA)>

<!ELEMENT services-l2tp-multilink-information (l2tp-multilink-entry)*>

<!ELEMENT services-l2tp-radius-accounting-servers-information
(radius-accounting-server-information-entry)*>

<!ELEMENT services-l2tp-radius-accounting-statistics-information
(radius-accounting-statistic-information-entry)*>

<!ELEMENT services-l2tp-radius-authentication-accounting-servers-information
(radius-authentication-server-information-entry |
radius-accounting-server-information-entry)*>

<!ELEMENT services-l2tp-radius-authentication-accounting-statistics-information
(radius-authentication-statistic-information-entry |
radius-accounting-statistic-information-entry)*>

<!ELEMENT services-l2tp-radius-authentication-servers-information
(radius-authentication-server-information-entry)*>

<!ELEMENT services-l2tp-radius-authentication-statistics-information
(radius-authentication-statistic-information-entry)*>

<!ELEMENT services-l2tp-radius-servers-information-table-header
(radius-server-information-table-header | radius-server-profile-name)*>

<!ELEMENT services-pgcp-dropped-traffic-entry (drop-packets-flow-drop-state |
drop-bytes-flow-drop-state | drop-packets-flow-rate-limit |
drop-bytes-flow-rate-limit | drop-packets-algs | drop-bytes-algs |
drop-packets-other | drop-bytes-other)*>

<!ELEMENT services-pgcpd-root-termination (root-termination-information)*>

<!ELEMENT sess-count (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-ids (#PCDATA)>

<!ELEMENT sessions-active (#PCDATA)>

<!ELEMENT sfw-conversation (sfw-flow-table-conv-alg | sfw-flow-table-conv-initiator
| sfw-flow-table-conv-responder | service-sfw-flow-table)*>

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<!ELEMENT sfw-flow-destination-ip (#PCDATA)>

<!ELEMENT sfw-flow-destination-port (#PCDATA)>

<!ELEMENT sfw-flow-direction (#PCDATA)>

<!ELEMENT sfw-flow-entry (sfw-flow-protocol | sfw-flow-source-ip |
sfw-flow-source-port | sfw-flow-destination-ip | sfw-flow-destination-port |
sfw-flow-state | sfw-flow-direction | sfw-flow-frame-counter | sfw-flow-gate-id
| sfw-flow-nat | sfw-flow-table-byte-count | sfw-flow-table-tcp-window-size |
sfw-flow-table-tcp-acknowledge | sfw-flow-table-tcp-tickle | sfw-flow-table-role
| sfw-flow-table-timeout | sfw-flow-table-protocol-detail)*>

<!ELEMENT sfw-flow-frame-counter (#PCDATA)>

<!ELEMENT sfw-flow-gate-id (#PCDATA)>

<!ELEMENT sfw-flow-nat (sfw-flow-nat-ip | sfw-flow-nat-port |
sfw-flow-translated-ip | sfw-flow-translated-port)*>
<!ATTLIST sfw-flow-nat nat-type CDATA #IMPLIED>

<!ELEMENT sfw-flow-nat-ip (#PCDATA)>

<!ELEMENT sfw-flow-nat-port (#PCDATA)>

<!ELEMENT sfw-flow-protocol (#PCDATA)>

<!ELEMENT sfw-flow-source-ip (#PCDATA)>

<!ELEMENT sfw-flow-source-port (#PCDATA)>

<!ELEMENT sfw-flow-state (#PCDATA)>

<!ELEMENT sfw-flow-table-byte-count (#PCDATA)>

<!ELEMENT sfw-flow-table-conv-alg (#PCDATA)>

<!ELEMENT sfw-flow-table-conv-initiator (#PCDATA)>

<!ELEMENT sfw-flow-table-conv-responder (#PCDATA)>

<!ELEMENT sfw-flow-table-protocol-detail (#PCDATA)>

<!ELEMENT sfw-flow-table-role (#PCDATA)>

<!ELEMENT sfw-flow-table-tcp-acknowledge (#PCDATA)>

<!ELEMENT sfw-flow-table-tcp-tickle (#PCDATA)>

<!ELEMENT sfw-flow-table-tcp-window-size (#PCDATA)>

<!ELEMENT sfw-flow-table-timeout (#PCDATA)>

<!ELEMENT sfw-flow-translated-ip (#PCDATA)>

<!ELEMENT sfw-flow-translated-port (#PCDATA)>

<!ELEMENT sfw-per-service-set-conversation (service-set-name | interface-name |
sfw-conversation)*>

<!ELEMENT sfw-per-service-set-flow-table (service-set-name | interface-name |
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service-sfw-flow-table)*>

<!ELEMENT sfw-per-service-set-nat-mapping (interface-name | service-set-name |
service-nat-pool-map)*>

<!ELEMENT sfw-per-service-set-nat-pool (service-set-name | interface-name |
service-nat-pool)*>
<!ATTLIST sfw-per-service-set-nat-pool junos:style CDATA #IMPLIED>

<!ELEMENT sfw-per-service-set-sip-calls (interface-name | service-set-name |
sfw-sip-calls)*>

<!ELEMENT sfw-per-service-set-sip-registrations (interface-name | service-set-name
| sfw-sip-registers)*>

<!ELEMENT sfw-sip-call-entry (sfw-sip-from | sfw-sip-to | sfw-sip-callid |
sfw-sip-number-control-iflows | sfw-sip-number-control-rflows |
sfw-sip-control-iflow-table | sfw-sip-control-rflow-table |
sfw-sip-number-contact-iflows | sfw-sip-number-contact-rflows |
sfw-sip-contact-iflow-table | sfw-sip-contact-rflow-table |
sfw-sip-number-media-iflows | sfw-sip-number-media-rflows |
sfw-sip-media-iflow-table | sfw-sip-media-rflow-table)*>

<!ELEMENT sfw-sip-callid (#PCDATA)>

<!ELEMENT sfw-sip-calls (sfw-sip-call-entry)*>

<!ELEMENT sfw-sip-contact-iflow-table (#PCDATA)>

<!ELEMENT sfw-sip-contact-rflow-table (#PCDATA)>

<!ELEMENT sfw-sip-control-iflow-table (#PCDATA)>

<!ELEMENT sfw-sip-control-rflow-table (#PCDATA)>

<!ELEMENT sfw-sip-from (#PCDATA)>

<!ELEMENT sfw-sip-media-iflow-table (#PCDATA)>

<!ELEMENT sfw-sip-media-rflow-table (#PCDATA)>

<!ELEMENT sfw-sip-number-contact-iflows (#PCDATA)>

<!ELEMENT sfw-sip-number-contact-rflows (#PCDATA)>

<!ELEMENT sfw-sip-number-control-iflows (#PCDATA)>

<!ELEMENT sfw-sip-number-control-rflows (#PCDATA)>

<!ELEMENT sfw-sip-number-media-iflows (#PCDATA)>

<!ELEMENT sfw-sip-number-media-rflows (#PCDATA)>

<!ELEMENT sfw-sip-register-acked EMPTY>

<!ELEMENT sfw-sip-register-address (#PCDATA)>

<!ELEMENT sfw-sip-register-entry (sfw-sip-register-protocol |
sfw-sip-register-address | sfw-sip-register-port | sfw-sip-register-acked |
sfw-sip-register-expiration | sfw-sip-register-remaining | sfw-sip-from |
sfw-sip-to | sfw-sip-callid)*>

```

```
<!ELEMENT sfw-sip-register-expiration (#PCDATA)>

<!ELEMENT sfw-sip-register-port (#PCDATA)>

<!ELEMENT sfw-sip-register-protocol (#PCDATA)>

<!ELEMENT sfw-sip-register-remaining (#PCDATA)>

<!ELEMENT sfw-sip-registers (sfw-sip-register-entry)*>

<!ELEMENT sfw-sip-to (#PCDATA)>

<!ELEMENT sfw-stats-service-set-entry (service-set-name | total-flow-accepts |
total-flow-discards | total-flow-rejects | total-drops | new-flow-counters |
existing-flow-counters | drop_counters | error-counters | ip-error-counters |
tcp-error-counters | udp-error-counters | icmp-error-counters | alg-error-counters
| alg-name | sip-active-call-count | sip-active-reg-count | sip-alg-counters)*>

<!ELEMENT sgp_default (#PCDATA)>

<!ELEMENT sgp_maximum (#PCDATA)>

<!ELEMENT sgp_minimum (#PCDATA)>

<!ELEMENT sgp_name (#PCDATA)>

<!ELEMENT signal-level (#PCDATA)>

<!ELEMENT sip-active-call-count (#PCDATA)>

<!ELEMENT sip-active-reg-count (#PCDATA)>

<!ELEMENT sip-alg-counters (total-counters | parser-counters | message-counters)*>
<!--LIST sip-alg-counters junos:style CDATA #IMPLIED-->

<!ELEMENT sip-call-count (#PCDATA)>

<!ELEMENT sip-calls-removed (#PCDATA)>

<!ELEMENT sip-registration-count (#PCDATA)>

<!ELEMENT sip-registration-removed (#PCDATA)>

<!ELEMENT slow-path (#PCDATA)>

<!ELEMENT slow-path-failed (#PCDATA)>

<!ELEMENT slow-path-failed-retry (#PCDATA)>

<!ELEMENT slow-path-ipv6-next-header-offset (#PCDATA)>

<!ELEMENT softwire-count (#PCDATA)>

<!ELEMENT softwire-created (#PCDATA)>

<!ELEMENT softwire-creation-failed (#PCDATA)>

<!ELEMENT softwire-deleted (#PCDATA)>

<!ELEMENT softwire-destination-ip (#PCDATA)>
```



```
<!ELEMENT softwire-direction (#PCDATA)>

<!ELEMENT softwire-entry (softwire-source-ip | softwire-destination-ip |
softwire-direction | softwire-flow-count | softwire-table-timeout)*>

<!ELEMENT softwire-flow-count (#PCDATA)>

<!ELEMENT softwire-per-service-set-flow-table (service-set-name | interface-name
| service-softwire-table)*>

<!ELEMENT softwire-source-ip (#PCDATA)>

<!ELEMENT softwire-table-timeout (#PCDATA)>

<!ELEMENT source-routing-instance (#PCDATA)>

<!ELEMENT sql-freed-pkts (#PCDATA)>

<!ELEMENT sql-gate-fail-errs (#PCDATA)>

<!ELEMENT sql-parse-fail-pkts (#PCDATA)>

<!ELEMENT sql-rcvd-pkts (#PCDATA)>

<!ELEMENT src-ip-high (#PCDATA)>

<!ELEMENT src-ip-low (#PCDATA)>

<!ELEMENT src-port-high (#PCDATA)>

<!ELEMENT src-port-low (#PCDATA)>

<!ELEMENT srv-pic-name (#PCDATA)>

<!ELEMENT subscribe-invalid (#PCDATA)>

<!ELEMENT subscribe-valid (#PCDATA)>

<!ELEMENT syn-attack (#PCDATA)>

<!ELEMENT syn-defense (#PCDATA)>

<!ELEMENT syn-modified (#PCDATA)>

<!ELEMENT syn-received (#PCDATA)>

<!ELEMENT synchronization-state (#PCDATA)>

<!ELEMENT syntax-errors (#PCDATA)>

<!ELEMENT syslog-stats-class (syslog-stats-class-name | syslog-stats-class-sent
| syslog-stats-class-dropped | syslog-stats-class-dropped-low-priority |
syslog-stats-class-dropped-no-class-set |
syslog-stats-class-dropped-above-rate-limit)*>

<!ELEMENT syslog-stats-class-dropped (#PCDATA)>

<!ELEMENT syslog-stats-class-dropped-above-rate-limit (#PCDATA)>

<!ELEMENT syslog-stats-class-dropped-low-priority (#PCDATA)>
```

```
<!ELEMENT syslog-stats-class-dropped-no-class-set (#PCDATA)>

<!ELEMENT syslog-stats-class-name (#PCDATA)>

<!ELEMENT syslog-stats-class-sent (#PCDATA)>

<!ELEMENT syslog-stats-global (syslog-stats-global-rate-limit |
syslog-stats-global-sent | syslog-stats-global-dropped)*>

<!ELEMENT syslog-stats-global-dropped (#PCDATA)>

<!ELEMENT syslog-stats-global-rate-limit (#PCDATA)>

<!ELEMENT syslog-stats-global-sent (#PCDATA)>

<!ELEMENT syslog-stats-interface (syslog-stats-interface-name)*>

<!ELEMENT syslog-stats-interface-name (#PCDATA)>

<!ELEMENT syslog-stats-service-set (syslog-stats-svc-set-name |
syslog-stats-svc-set-sent | syslog-stats-svc-set-dropped)*>

<!ELEMENT syslog-stats-svc-set-dropped (#PCDATA)>

<!ELEMENT syslog-stats-svc-set-name (#PCDATA)>

<!ELEMENT syslog-stats-svc-set-sent (#PCDATA)>

<!ELEMENT system (#PCDATA)>

<!ELEMENT talk-announce-pkts (#PCDATA)>

<!ELEMENT talk-delete-pkts (#PCDATA)>

<!ELEMENT talk-lookup-pkts (#PCDATA)>

<!ELEMENT tcp-error-counters (tcp-header-length-error | tcp-zero-port |
illegal-sequence-number-flags | syn-attack | non-syn-first-packet | tcp-port-scan
| bad-syn-cookie-response | tcp-recon-sequence-number-error |
tcp-recon-retransmits)*>

<!ELEMENT tcp-errors (#PCDATA)>

<!ELEMENT tcp-header-length-error (#PCDATA)>

<!ELEMENT tcp-port-scan (#PCDATA)>

<!ELEMENT tcp-recon-retransmits (#PCDATA)>

<!ELEMENT tcp-recon-sequence-number-error (#PCDATA)>

<!ELEMENT tcp-zero-port (#PCDATA)>

<!ELEMENT tcpalg-drops (#PCDATA)>

<!ELEMENT termination-count (#PCDATA)>

<!ELEMENT termination-duration (#PCDATA)>

<!ELEMENT termination-h248-dump (#PCDATA)>
```

```
<!ELEMENT termination-id-string (#PCDATA)>

<!ELEMENT termination-state (#PCDATA)>

<!ELEMENT timer (#PCDATA)>

<!ELEMENT tmax-retransmission-delay (#PCDATA)>

<!ELEMENT total-assigned-forwarding-class-packets (#PCDATA)>

<!ELEMENT total-counters (total-messages | call-segments)*>

<!ELEMENT total-drops (#PCDATA)>

<!ELEMENT total-flow-accepts (#PCDATA)>

<!ELEMENT total-flow-discards (#PCDATA)>

<!ELEMENT total-flow-rejects (#PCDATA)>

<!ELEMENT total-marked-dscp-packets (#PCDATA)>

<!ELEMENT total-messages (#PCDATA)>

<!ELEMENT total-received-dscp-packets (#PCDATA)>

<!ELEMENT total-received-forwarding-class-packets (#PCDATA)>

<!ELEMENT transaction-error-failed-to-parse (#PCDATA)>

<!ELEMENT translated-dst-ip (#PCDATA)>

<!ELEMENT translated-dst-port (#PCDATA)>

<!ELEMENT translated-src-ip (#PCDATA)>

<!ELEMENT translated-src-port (#PCDATA)>

<!ELEMENT translation-type (#PCDATA)>

<!ELEMENT transport-losses (#PCDATA)>

<!ELEMENT ttl-zero (#PCDATA)>

<!ELEMENT tunnel-group-name (#PCDATA)>

<!ELEMENT udp-error-counters (udp-header-length-error | udp-zero-port |
udp-port-scan)*>

<!ELEMENT udp-errors (#PCDATA)>

<!ELEMENT udp-header-length-error (#PCDATA)>

<!ELEMENT udp-port-scan (#PCDATA)>

<!ELEMENT udp-zero-port (#PCDATA)>

<!ELEMENT unknown (#PCDATA)>

<!ELEMENT unknown-methods (#PCDATA)>
```

```
<!ELEMENT up-time (#PCDATA)>
<!ATTLIST up-time junos:seconds CDATA #IMPLIED>

<!ELEMENT update-invalid (#PCDATA)>

<!ELEMENT update-valid (#PCDATA)>

<!ELEMENT uri-error-failed-to-process (#PCDATA)>

<!ELEMENT uri-error-no-system-resources (#PCDATA)>

<!ELEMENT uri-error-too-long (#PCDATA)>

<!ELEMENT uri-examination-failed-configuration (#PCDATA)>

<!ELEMENT uri-processing-error (#PCDATA)>

<!ELEMENT uri-redirect-set-name (#PCDATA)>

<!ELEMENT uri-redirect-set-statistics (uri-redirect-set-name | cause-roaming |
cause-time-of-day | cause-quality-of-service | cause-volume-expired |
cause-cost-warning | cause-not-allowed | cause-unsubscribed | cause-credit-expiry
| cause-unknown | cause-default)*>

<!ELEMENT uri-redirect-set-statistics-information (interface-name | interfaces |
uri-redirect-set-statistics)*>

<!ELEMENT usage-counters-entry (contexts-number | emergency-contexts-number)*>

<!ELEMENT v6-multicast-by-all (#PCDATA)>

<!ELEMENT v6-multicast-configured-status (#PCDATA)>

<!ELEMENT v6-multicast-interface-name (#PCDATA)>

<!ELEMENT v6-multicast-operation-status (#PCDATA)>

<!ELEMENT v6rd-software-count (#PCDATA)>

<!ELEMENT vif-service-state (#PCDATA)>

<!ELEMENT virtual-interface-entry (virtual-interface-name | routing-instance |
interface-name | vif-service-state | media-service-ref-entry)*>

<!ELEMENT virtual-interface-name (#PCDATA)>

<!ELEMENT wap-transaction-created (#PCDATA)>

<!ELEMENT wap-transaction-freed (#PCDATA)>

<!ELEMENT wap-transaction-idle-freed (#PCDATA)>

<!ELEMENT wap-transaction-maximum (#PCDATA)>

<!ELEMENT wildcard-response-service-change (#PCDATA)>
```

CHAPTER 19

DTD for Alarm Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-alarm.dtd`, which lists the Junos XML tags that contain information about Junos OS alarms. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-alarm.dtd -->

<!ELEMENT active-alarm-count (#PCDATA)>

<!ELEMENT alarm-class (#PCDATA)>

<!ELEMENT alarm-description (#PCDATA)>

<!ELEMENT alarm-detail (alarm-time | alarm-class | alarm-description |
alarm-short-description | alarm-type)*>

<!ELEMENT alarm-id (#PCDATA)>

<!ELEMENT alarm-id-information (alarm-id)*>

<!ELEMENT alarm-information (alarm-summary | alarm-detail)*>

<!ELEMENT alarm-short-description (#PCDATA)>

<!ELEMENT alarm-summary (active-alarm-count | no-active-alarms)*>

<!ELEMENT alarm-time (#PCDATA)>
<!ATTLIST alarm-time junos:seconds CDATA #IMPLIED>

<!ELEMENT alarm-type (#PCDATA)>

<!ELEMENT multi-routing-engine-item (re-name | alarm-information)*>

<!ELEMENT multi-routing-engine-results (multi-routing-engine-item)*>

<!ELEMENT no-active-alarms EMPTY>

<!ELEMENT re-name (#PCDATA)>
```


CHAPTER 20

DTD for ANCP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ancp.dtd`, which lists the Junos XML tags that contain information about ANCP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-ancp.dtd -->

<!ELEMENT accept-config-deny-count (#PCDATA)>

<!ELEMENT accept-count (#PCDATA)>

<!ELEMENT accept-fail-count (#PCDATA)>

<!ELEMENT access-aggregate-circuit-binary-identifier (#PCDATA)>

<!ELEMENT access-aggregate-circuit-identifier (#PCDATA)>

<!ELEMENT access-loop-identifier (#PCDATA)>

<!ELEMENT access-loop-remote-identifier (#PCDATA)>

<!ELEMENT actual-interleave-delay-downstream (#PCDATA)>

<!ELEMENT actual-interleave-delay-upstream (#PCDATA)>

<!ELEMENT actual-net-data-downstream (#PCDATA)>

<!ELEMENT actual-net-data-upstream (#PCDATA)>

<!ELEMENT adjacency-time (#PCDATA)>

<!ELEMENT adjacency-timer (#PCDATA)>

<!ELEMENT aid-ipaddress (#PCDATA)>

<!ELEMENT aid-name (#PCDATA)>

<!ELEMENT ancp-aid-entry (if-type | record-number | if-name | aid-name |
aid-ipaddress | kernel-exist | config-exist)*>

<!ELEMENT ancp-aid-information (ancp-aid-entry)*>
```

```
<!--ELEMENT ancp-config-entry (if-type | record-number | if-name | aid-name | aid-ipaddress)*-->

<!--ELEMENT ancp-config-information (ancp-scalar-entry | ancp-config-entry)*-->

<!--ELEMENT ancp-cos-entry (interface-type | interface-name | interface-index | shaping-rate | last-update)*-->

<!--ELEMENT ancp-cos-heading (qos-adjust | cos-state | connect-time | session-time | rtcreate-time | keepalive-time | rate-update-time | keepalive-timer)*-->

<!--ELEMENT ancp-cos-information (ancp-cos-heading | ancp-cos-entry)*-->

<!--ELEMENT ancp-kernel-entry (if-type | record-number | if-name | if-index | aid-name | aid-ipaddress)*-->

<!--ELEMENT ancp-kernel-information (ancp-kernel-entry)*-->

<!--ELEMENT ancp-neighbor (received-syn-count | received-synack-count | received-ack-count | received-rstack-count | received-port-up-count | received-port-down-count | received-other-count | sent-syn-count | sent-synack-count | sent-ack-count | sent-rstack-count | max-discovery-limit-exceed-count | ip-address | tcp-port | up-time | mac-address | state | neighbor-subscriber-count | system-instance | peer-instance | capabilities | adjacency-time | peer-adjacency-time | partition-type | partition-flag | partition-identifier | dead-time)*-->

<!--ELEMENT ancp-neighbor-adjacency-timer (#PCDATA)-->

<!--ELEMENT ancp-neighbor-configuration-entry (record-number | ancp-neighbor-ip | ancp-neighbor-discovery-mode | ancp-neighbor-ietf-mode | ancp-neighbor-adjacency-timer | ancp-neighbor-maximum-discovery-entries)*-->

<!--ELEMENT ancp-neighbor-configuration-information (ancp-neighbor-configuration-entry)*-->

<!--ELEMENT ancp-neighbor-discovery-mode (#PCDATA)-->

<!--ELEMENT ancp-neighbor-ietf-mode (#PCDATA)-->

<!--ELEMENT ancp-neighbor-information (ancp-neighbor)*-->
<!--ATTLIST ancp-neighbor-information junos:style CDATA #IMPLIED-->

<!--ELEMENT ancp-neighbor-ip (#PCDATA)-->

<!--ELEMENT ancp-neighbor-maximum-discovery-entries (#PCDATA)-->

<!--ELEMENT ancp-scalar-entry (qos-adjust | ietf-mode | adjacency-timer | maximum-discovery-entries-neighbor)*-->

<!--ELEMENT ancp-statistics-information (neighbor-count | subscriber-count | received-syn-count | received-synack-count | received-ack-count | received-rstack-count | received-port-up-count | received-port-down-count | received-other-count | sent-syn-count | sent-synack-count | sent-ack-count | sent-rstack-count | accept-count | accept-fail-count | accept-config-deny-count)*-->

<!--ELEMENT ancp-subscriber (access-loop-identifier | access-loop-remote-identifier | interface | interface-type | access-aggregate-circuit-identifier | access-aggregate-circuit-binary-identifier | dsl-type | actual-net-data-upstream | actual-net-data-downstream | minimum-net-data-upstream | minimum-net-data-downstream | maximum-net-data-upstream | maximum-net-data-downstream)*-->
```



```

maximum-net-data-downstream | attainable-net-data-upstream |
attainable-net-data-downstream | neighbor-ip-address |
minimum-low-power-data-upstream | minimum-low-power-data-downstream |
maximum-interleave-delay-downstream | maximum-interleave-delay-upstream |
actual-interleave-delay-downstream | actual-interleave-delay-upstream |
dsl-line-state | dsl-line-data-link | dsl-line-encapsulation |
dsl-line-encapsulation-payload)*>

<!ELEMENT ancp-subscriber-information (ancp-subscriber | ancp-neighbor)*>
<!ATTLIST ancp-subscriber-information junos:style CDATA #IMPLIED>

<!ELEMENT attainable-net-data-downstream (#PCDATA)>

<!ELEMENT attainable-net-data-upstream (#PCDATA)>

<!ELEMENT capabilities (#PCDATA)>

<!ELEMENT config-exist (#PCDATA)>

<!ELEMENT connect-time (#PCDATA)>

<!ELEMENT cos-state (#PCDATA)>

<!ELEMENT dead-time (#PCDATA)>

<!ELEMENT dsl-line-data-link (#PCDATA)>

<!ELEMENT dsl-line-encapsulation (#PCDATA)>

<!ELEMENT dsl-line-encapsulation-payload (#PCDATA)>

<!ELEMENT dsl-line-state (#PCDATA)>

<!ELEMENT dsl-type (#PCDATA)>

<!ELEMENT ietf-mode (#PCDATA)>

<!ELEMENT if-index (#PCDATA)>

<!ELEMENT if-name (#PCDATA)>

<!ELEMENT if-type (#PCDATA)>

<!ELEMENT interface (#PCDATA)>

<!ELEMENT interface-index (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-type (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT keepalive-time (#PCDATA)>

<!ELEMENT keepalive-timer (#PCDATA)>

<!ELEMENT kernel-exist (#PCDATA)>

<!ELEMENT last-update (#PCDATA)>

```

```
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT max-discovery-limit-exceed-count (#PCDATA)>
<!ELEMENT maximum-discovery-entries-neighbor (#PCDATA)>
<!ELEMENT maximum-interleave-delay-downstream (#PCDATA)>
<!ELEMENT maximum-interleave-delay-upstream (#PCDATA)>
<!ELEMENT maximum-net-data-downstream (#PCDATA)>
<!ELEMENT maximum-net-data-upstream (#PCDATA)>
<!ELEMENT minimum-low-power-data-downstream (#PCDATA)>
<!ELEMENT minimum-low-power-data-upstream (#PCDATA)>
<!ELEMENT minimum-net-data-downstream (#PCDATA)>
<!ELEMENT minimum-net-data-upstream (#PCDATA)>
<!ELEMENT neighbor-count (#PCDATA)>
<!ELEMENT neighbor-ip-address (#PCDATA)>
<!ELEMENT neighbor-subscriber-count (#PCDATA)>
<!ELEMENT partition-flag (#PCDATA)>
<!ELEMENT partition-identifier (#PCDATA)>
<!ELEMENT partition-type (#PCDATA)>
<!ELEMENT peer-adjacency-time (#PCDATA)>
<!ELEMENT peer-instance (#PCDATA)>
<!ELEMENT qos-adjust (#PCDATA)>
<!ELEMENT rate-update-time (#PCDATA)>
<!ELEMENT received-ack-count (#PCDATA)>
<!ELEMENT received-other-count (#PCDATA)>
<!ELEMENT received-port-down-count (#PCDATA)>
<!ELEMENT received-port-up-count (#PCDATA)>
<!ELEMENT received-rstack-count (#PCDATA)>
<!ELEMENT received-syn-count (#PCDATA)>
<!ELEMENT received-synack-count (#PCDATA)>
<!ELEMENT record-number (#PCDATA)>
<!ELEMENT rtcreate-time (#PCDATA)>
<!ELEMENT sent-ack-count (#PCDATA)>
```

```
<!ELEMENT sent-rstack-count (#PCDATA)>
<!ELEMENT sent-syn-count (#PCDATA)>
<!ELEMENT sent-synack-count (#PCDATA)>
<!ELEMENT session-time (#PCDATA)>
<!ELEMENT shaping-rate (#PCDATA)>
<!ELEMENT state (#PCDATA)>
<!ELEMENT subscriber-count (#PCDATA)>
<!ELEMENT system-instance (#PCDATA)>
<!ELEMENT tcp-port (#PCDATA)>
<!ELEMENT up-time (#PCDATA)>
```


CHAPTER 21

DTD for APPIDD Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-appidd.dtd`, which lists the Junos XML tags that contain information about APPIDD. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-appidd.dtd -->

<!ELEMENT address-matched-sessions (#PCDATA)>

<!ELEMENT address-unknown-sessions (#PCDATA)>

<!ELEMENT appid-application (#PCDATA)>

<!ELEMENT appid-application-system-cache (ip-address | ipv6-address | port |
protocol | appid-service | appid-application | cpu-id)*>

<!ELEMENT appid-application-system-cache-information (pic |
appid-application-system-cache)*>

<!ELEMENT appid-application-system-cache-information-usp
(appid-cache-configuration-usp | pic | appid-application-system-cache-usp)*>

<!ELEMENT appid-application-system-cache-usp (virtual-system-identifier |
ip-address | ipv6-address | port | protocol | index | appid-application)*>

<!ELEMENT appid-apppack-uninstall (appid-apppack-uninstall-detail)*>

<!ELEMENT appid-apppack-uninstall-detail (#PCDATA)>

<!ELEMENT appid-asc-enable (#PCDATA)>

<!ELEMENT appid-cache-configuration-usp (appid-asc-enable | appid-nested-asc-enable
| appid-cache-unknown | appid-cache-timeout)*>

<!ELEMENT appid-cache-timeout (#PCDATA)>

<!ELEMENT appid-cache-unknown (#PCDATA)>

<!ELEMENT appid-counter (pic | total-sessions | total-matched-sessions |
total-unknown-sessions | signature-matched-sessions | signature-unknown-sessions
| address-matched-sessions | address-unknown-sessions | port-matched-sessions |
port-unknown-sessions | icmp-matched-sessions | icmp-unknown-sessions |
```

```
ip-protocol-matched-sessions | ip-protocol-unknown-sessions |
application-system-cache-hit | application-system-cache-miss |
protocol-matched-sessions | protocol-unknown-sessions)*>

<!ELEMENT appid-counter-information (appid-counter)*>

<!ELEMENT appid-counter-information-usp (pic | appid-counter-usp)*>

<!ELEMENT appid-counter-usp (counter-name | counter-value)*>

<!ELEMENT appid-nested-asc-enable (#PCDATA)>

<!ELEMENT appid-package-version (version-detail)*>

<!ELEMENT appid-service (#PCDATA)>

<!ELEMENT application-system-cache-hit (#PCDATA)>

<!ELEMENT application-system-cache-miss (#PCDATA)>

<!ELEMENT apppack-download-status (apppack-download-status-detail)*>

<!ELEMENT apppack-download-status-detail (#PCDATA)>

<!ELEMENT counter-name (#PCDATA)>

<!ELEMENT counter-value (#PCDATA)>

<!ELEMENT cpu-id (#PCDATA)>

<!ELEMENT icmp-matched-sessions (#PCDATA)>

<!ELEMENT icmp-unknown-sessions (#PCDATA)>

<!ELEMENT index (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT ip-protocol-matched-sessions (#PCDATA)>

<!ELEMENT ip-protocol-unknown-sessions (#PCDATA)>

<!ELEMENT ipv6-address (#PCDATA)>

<!ELEMENT pic (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT port-matched-sessions (#PCDATA)>

<!ELEMENT port-unknown-sessions (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT protocol-matched-sessions (#PCDATA)>

<!ELEMENT protocol-unknown-sessions (#PCDATA)>

<!ELEMENT signature-matched-sessions (#PCDATA)>

<!ELEMENT signature-unknown-sessions (#PCDATA)>
```

```
<!ELEMENT total-matched-sessions (#PCDATA)>  
<!ELEMENT total-sessions (#PCDATA)>  
<!ELEMENT total-unknown-sessions (#PCDATA)>  
<!ELEMENT version-detail (#PCDATA)>  
<!ELEMENT virtual-system-identifier (#PCDATA)>
```


CHAPTER 22

DTD for APS Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-aps.dtd`, which lists the Junos XML tags that contain information about APS. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-aps.dtd -->

<!ELEMENT aps-adjacent-state (#PCDATA)>

<!ELEMENT aps-annex-b (#PCDATA)>

<!ELEMENT aps-channel-state (#PCDATA)>

<!ELEMENT aps-config-state (#PCDATA)>

<!ELEMENT aps-config-state-circuit (#PCDATA)>

<!ELEMENT aps-interface (aps-interface-name | aps-interface-group |
aps-interface-circuit-type | aps-interface-circuit-state | aps-interface-state |
aps-neighbor | aps-adjacent-state | aps-neighbor-select-state | aps-time-remaining
| aps-channel-state | aps-config-state | aps-config-state-circuit |
aps-loop-circuit-type | aps-loop-circuit-name | aps-pair-interface-name |
aps-pair-group-name | aps-local-mode | aps-neighbor-mode | aps-request-k1 |
aps-request-k2 | aps-receive-k1 | aps-transmit-k1 | aps-receive-k2 |
aps-transmit-k2 | aps-neighbor-k1 | aps-neighbor-paired-request | aps-revert-time
| aps-wait-to-restore-time | aps-annex-b | aps-neighbor-revert-time |
aps-neighbor-wait-to-restore-time | aps-remaining-revert-time |
aps-remaining-wait-to-restore-time | aps-remaining-forced-revert-time |
aps-remaining-hello-timer | aps-remaining-update-timer |
aps-remaining-holddown-timer)*>
<!ATTLIST aps-interface junos:style CDATA #IMPLIED>

<!ELEMENT aps-interface-circuit-state (#PCDATA)>

<!ELEMENT aps-interface-circuit-type (#PCDATA)>

<!ELEMENT aps-interface-group (#PCDATA)>

<!ELEMENT aps-interface-information (aps-interface)*>

<!ELEMENT aps-interface-name (#PCDATA)>
```

```
<!ELEMENT aps-interface-state (#PCDATA)>
<!ELEMENT aps-local-mode (#PCDATA)>
<!ELEMENT aps-loop-circuit-name (#PCDATA)>
<!ELEMENT aps-loop-circuit-type (#PCDATA)>
<!ELEMENT aps-neighbor (#PCDATA)>
<!ELEMENT aps-neighbor-k1 (#PCDATA)>
<!ELEMENT aps-neighbor-mode (#PCDATA)>
<!ELEMENT aps-neighbor-paired-request (#PCDATA)>
<!ELEMENT aps-neighbor-revert-time (#PCDATA)>
<!ELEMENT aps-neighbor-select-state (#PCDATA)>
<!ELEMENT aps-neighbor-wait-to-restore-time (#PCDATA)>
<!ELEMENT aps-pair-group-name (#PCDATA)>
<!ELEMENT aps-pair-interface-name (#PCDATA)>
<!ELEMENT aps-receive-k1 (#PCDATA)>
<!ELEMENT aps-receive-k2 (#PCDATA)>
<!ELEMENT aps-remaining-forced-revert-time (#PCDATA)>
<!ELEMENT aps-remaining-hello-timer (#PCDATA)>
<!ELEMENT aps-remaining-holddown-timer (#PCDATA)>
<!ELEMENT aps-remaining-revert-time (#PCDATA)>
<!ELEMENT aps-remaining-update-timer (#PCDATA)>
<!ELEMENT aps-remaining-wait-to-restore-time (#PCDATA)>
<!ELEMENT aps-request-k1 (#PCDATA)>
<!ELEMENT aps-request-k2 (#PCDATA)>
<!ELEMENT aps-revert-time (#PCDATA)>
<!ELEMENT aps-time-remaining (#PCDATA)>
<!ELEMENT aps-transmit-k1 (#PCDATA)>
<!ELEMENT aps-transmit-k2 (#PCDATA)>
<!ELEMENT aps-wait-to-restore-time (#PCDATA)>
```

CHAPTER 23

DTD for ARP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-arp.dtd`, which lists the Junos XML tags that contain information about ARP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-arp.dtd -->

<!ELEMENT arp-entry-count (#PCDATA)>

<!ELEMENT arp-table-entry (mac-address | ip-address | hostname | interface-name
| arp-table-entry-flags | time-to-expire)*>

<!ELEMENT arp-table-entry-flags (none | permanent | published | dead | free)*>

<!ELEMENT arp-table-information (arp-table-entry | arp-entry-count)*>
<!ATTLIST arp-table-information junos:style CDATA #IMPLIED>

<!ELEMENT clear-arp-table-result (ip-address | clear-success)*>

<!ELEMENT clear-arp-table-results (clear-arp-table-result)*>

<!ELEMENT clear-success EMPTY>

<!ELEMENT dead EMPTY>

<!ELEMENT free EMPTY>

<!ELEMENT hostname (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT mac-address (#PCDATA)>

<!ELEMENT none EMPTY>

<!ELEMENT permanent EMPTY>

<!ELEMENT published EMPTY>
```

<!ELEMENT time-to-expire (#PCDATA)>

CHAPTER 24

DTD for Authentication Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-auth.dtd`, which lists the Junos XML tags that contain information about authentication. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-auth.dtd -->

<!ELEMENT aaa-logical-system-routing-instance (#PCDATA)>

<!ELEMENT aaa-module-accounting-statistics (requests | accounting-response-failures
 | accounting-response-success | timeouts)*>

<!ELEMENT aaa-module-address-assignment-client-statistics (client-name |
out-of-memory | no-matches)*>

<!ELEMENT aaa-module-address-assignment-pool-statistics (pool-name | link-name |
out-of-memory | out-of-addresses | total-addresses | used-addresses |
pool-usage)*>

<!ELEMENT aaa-module-authentication-statistics (requests | accepts | rejects |
challenges | timeouts)*>

<!ELEMENT aaa-module-dynamic-requests-statistics (requests | processed-ok |
processing-error | silent-drops)*>

<!ELEMENT aaa-module-re-authentication-statistics (requests | accepts | aborts |
challenges | internal-errors | rejects | timeouts)*>

<!ELEMENT aaa-module-statistics (requests | accepts | rejects |
accounting-response-failures | accounting-response-success | timeouts | challenges
 | processed-ok | processing-error | silent-drops | internal-errors | aborts |
aaa-module-authentication-statistics | aaa-module-accounting-statistics |
aaa-module-dynamic-requests-statistics | aaa-module-re-authentication-statistics
 | aaa-module-address-assignment-pool-statistics |
aaa-module-address-assignment-client-statistics |
aaa-module-subscriber-statistics)*>

<!ELEMENT aaa-module-subscriber-statistics (total-number-of-subscribers)*>

<!ELEMENT aaa-subscriber-accounting-statistics (accounting-start-sent-successfully
 | accounting-start-send-failed | accounting-start-responses |
accounting-interim-sent-successfully | accounting-interim-send-failed |
```

```

accounting-interim-responses)*>

<!ELEMENT aaa-subscriber-auth-statistics (authentication-challenge-requests |
authentication-challenge-responses)*>

<!ELEMENT aaa-subscriber-reauth-statistics (re-authentication-requests |
re-authentication-responses | re-authentication-aborts)*>

<!ELEMENT aaa-subscriber-service-statistics (service-name | service-creates |
service-deletes | service-timeouts)*>

<!ELEMENT aaa-subscriber-statistics (authentication-challenge-requests |
authentication-challenge-responses | accounting-start-sent-successfully |
accounting-start-send-failed | accounting-start-responses |
accounting-interim-sent-successfully | accounting-interim-send-failed |
accounting-interim-responses | service-creates | service-deletes | service-timeouts
| re-authentication-requests | re-authentication-responses |
re-authentication-aborts | aaa-subscriber-auth-statistics |
aaa-subscriber-accounting-statistics | aaa-subscriber-service-statistics |
aaa-subscriber-reauth-statistics)*>

<!ELEMENT aaa-subscriber-table (aaa-subscriber-table-entry |
aaa-subscriber-table-entry-details |
aaa-subscriber-table-logical-system-routing-instance-entries |
aaa-subscriber-table-entry-service-details |
aaa-subscriber-table-entry-session-id-detail)*>

<!ELEMENT aaa-subscriber-table-details (aaa-subscriber-table |
aaa-subscriber-statistics)*>

<!ELEMENT aaa-subscriber-table-entry (user-name | logical-system-routing-instance
| client-type | session-id)*>
<!ATTLIST aaa-subscriber-table-entry junos:style CDATA #IMPLIED>

<!ELEMENT aaa-subscriber-table-entry-details (logical-system-routing-instance |
client-type | session-uptime | accounting-status)*>
<!ATTLIST aaa-subscriber-table-entry-details junos:style CDATA #IMPLIED>

<!ELEMENT aaa-subscriber-table-entry-service-details (service-name | service-type
| service-quota | accounting-status)*>
<!ATTLIST aaa-subscriber-table-entry-service-details junos:style CDATA #IMPLIED>

<!ELEMENT aaa-subscriber-table-entry-session-id-detail (client-type | user-name
| stripped-user-name | aaa-logical-system-routing-instance |
target-logical-system-routing-instance | access-profile | session-id |
accounting-session-id | multi-accounting-session-id | ip-address-assigned |
assignment-type | auth-state | gx-plus-prov-state | accounting-state |
number-services | service-name | service-state | service-session-id |
service-accounting-session-id | accounting-status | session-uptime |
service-accounting-state | accounting-interim-interval)*>
<!ATTLIST aaa-subscriber-table-entry-session-id-detail junos:style CDATA #IMPLIED>

<!ELEMENT aaa-subscriber-table-logical-system-routing-instance-entries (user-name
| client-type | logical-system-routing-instance)*>
<!ATTLIST aaa-subscriber-table-logical-system-routing-instance-entries junos:style
CDATA #IMPLIED>

<!ELEMENT aborts (#PCDATA)>

<!ELEMENT accepts (#PCDATA)>

```

```
<!ELEMENT access-profile (#PCDATA)>

<!ELEMENT accounting-interim-interval (#PCDATA)>

<!ELEMENT accounting-interim-responses (#PCDATA)>

<!ELEMENT accounting-interim-send-failed (#PCDATA)>

<!ELEMENT accounting-interim-sent-successfully (#PCDATA)>

<!ELEMENT accounting-response-failures (#PCDATA)>

<!ELEMENT accounting-response-success (#PCDATA)>

<!ELEMENT accounting-session-id (#PCDATA)>

<!ELEMENT accounting-start-responses (#PCDATA)>

<!ELEMENT accounting-start-send-failed (#PCDATA)>

<!ELEMENT accounting-start-sent-successfully (#PCDATA)>

<!ELEMENT accounting-state (#PCDATA)>

<!ELEMENT accounting-status (#PCDATA)>

<!ELEMENT address-assignment-pool-entry (ip-address | hardware-address | host-name
| subscriber-type)*>

<!ELEMENT address-assignment-pool-table (address-assignment-pool-entry)*>
<ATTLIST address-assignment-pool-table junos:style CDATA #IMPLIED>

<!ELEMENT address-assignment-pool-table-details (address-assignment-pool-table)*>

<!ELEMENT assignment-type (#PCDATA)>

<!ELEMENT auth-pending-entry (index | auth-status | profile-name | user-name)*>

<!ELEMENT auth-pending-table (auth-pending-entry)*>
<ATTLIST auth-pending-table junos:style CDATA #IMPLIED>

<!ELEMENT auth-pending-table-details (auth-pending-table-info |
auth-pending-table)*>

<!ELEMENT auth-pending-table-info (auth-pending-total-entries)*>

<!ELEMENT auth-pending-total-entries (#PCDATA)>

<!ELEMENT auth-state (#PCDATA)>

<!ELEMENT auth-statistics (total-statistics | radius-auth-statistics |
ldap-auth-statistics | securid-auth-statistics | local-auth-statistics)*>

<!ELEMENT auth-status (#PCDATA)>

<!ELEMENT authd-memory-pool-information (memory-pool-name | node-size | pool-size
| total-allocation | largest-allocation | current-allocation | number-of-grows
| number-of-fails | number-of-oversize-allocations)*>

<!ELEMENT authentication-challenge-requests (#PCDATA)>
```

```
<!ELEMENT authentication-challenge-responses (#PCDATA)>

<!ELEMENT challenges (#PCDATA)>

<!ELEMENT client-name (#PCDATA)>

<!ELEMENT client-type (#PCDATA)>

<!ELEMENT current-allocation (#PCDATA)>

<!ELEMENT default-used (#PCDATA)>

<!ELEMENT domain-map-statistics (matched-domains | unmatched-domains |
missing-domains | stripped-username | default-used)*>

<!ELEMENT failure-responses (#PCDATA)>

<!ELEMENT gx-plus-active-config-state (#PCDATA)>

<!ELEMENT gx-plus-config-state (#PCDATA)>

<!ELEMENT gx-plus-counter-name (#PCDATA)>

<!ELEMENT gx-plus-counter-value (#PCDATA)>

<!ELEMENT gx-plus-diameter-config-state (#PCDATA)>

<!ELEMENT gx-plus-downstream-category (#PCDATA)>

<!ELEMENT gx-plus-downstream-counter-name (#PCDATA)>

<!ELEMENT gx-plus-downstream-counter-value (#PCDATA)>

<!ELEMENT gx-plus-downstream-stats-data (gx-plus-downstream-category |
gx-plus-downstream-counter-name | gx-plus-downstream-counter-value)*>

<!ELEMENT gx-plus-downstream-stats-table (gx-plus-downstream-stats-data)*>

<!ELEMENT gx-plus-engine-state (#PCDATA)>

<!ELEMENT gx-plus-pending-logout-count (#PCDATA)>

<!ELEMENT gx-plus-pending-prov-count (#PCDATA)>

<!ELEMENT gx-plus-prov-state (#PCDATA)>

<!ELEMENT gx-plus-state-information (gx-plus-engine-state | gx-plus-config-state
| gx-plus-active-config-state | gx-plus-diameter-config-state |
gx-plus-total-prov-count | gx-plus-pending-prov-count |
gx-plus-pending-logout-count)*>

<!ELEMENT gx-plus-statistics-data (gx-plus-counter-name | gx-plus-counter-value)*>

<!ELEMENT gx-plus-statistics-information (gx-plus-statistics-table |
gx-plus-sync-event-stats-table | gx-plus-sync-event-de-stats-table |
gx-plus-upstream-stats-table | gx-plus-upstream-de-stats-table |
gx-plus-downstream-stats-table | gx-plus-statistics-no-counters |
gx-plus-statistics-message)*>

<!ELEMENT gx-plus-statistics-message (#PCDATA)>
```



```

<!ELEMENT gx-plus-statistics-no-counters (#PCDATA)>

<!ELEMENT gx-plus-statistics-table (gx-plus-statistics-data)*>

<!ELEMENT gx-plus-sync-event (#PCDATA)>

<!ELEMENT gx-plus-sync-event-counter-name (#PCDATA)>

<!ELEMENT gx-plus-sync-event-counter-value (#PCDATA)>

<!ELEMENT gx-plus-sync-event-de (#PCDATA)>

<!ELEMENT gx-plus-sync-event-de-counter-name (#PCDATA)>

<!ELEMENT gx-plus-sync-event-de-counter-value (#PCDATA)>

<!ELEMENT gx-plus-sync-event-de-stats-data (gx-plus-sync-event-de |
gx-plus-sync-event-de-counter-name | gx-plus-sync-event-de-counter-value)*>

<!ELEMENT gx-plus-sync-event-de-stats-table (gx-plus-sync-event-de-stats-data)*>

<!ELEMENT gx-plus-sync-event-name (#PCDATA)>

<!ELEMENT gx-plus-sync-event-stats-data (gx-plus-sync-event |
gx-plus-sync-event-counter-name | gx-plus-sync-event-counter-value)*>

<!ELEMENT gx-plus-sync-event-stats-table (gx-plus-sync-event-stats-data)*>

<!ELEMENT gx-plus-sync-event-timeout (#PCDATA)>

<!ELEMENT gx-plus-sync-state-data (gx-plus-sync-event-name |
gx-plus-sync-event-timeout)*>

<!ELEMENT gx-plus-sync-state-information (gx-plus-sync-state-data |
gx-plus-sync-state-no-events | gx-plus-sync-state-message)*>

<!ELEMENT gx-plus-sync-state-message (#PCDATA)>

<!ELEMENT gx-plus-sync-state-no-events (#PCDATA)>

<!ELEMENT gx-plus-total-prov-count (#PCDATA)>

<!ELEMENT gx-plus-upstream-category (#PCDATA)>

<!ELEMENT gx-plus-upstream-counter-name (#PCDATA)>

<!ELEMENT gx-plus-upstream-counter-value (#PCDATA)>

<!ELEMENT gx-plus-upstream-de-category (#PCDATA)>

<!ELEMENT gx-plus-upstream-de-counter-name (#PCDATA)>

<!ELEMENT gx-plus-upstream-de-counter-value (#PCDATA)>

<!ELEMENT gx-plus-upstream-de-stats-data (gx-plus-upstream-de-category |
gx-plus-upstream-de-counter-name | gx-plus-upstream-de-counter-value)*>

<!ELEMENT gx-plus-upstream-de-stats-table (gx-plus-upstream-de-stats-data)*>

<!ELEMENT gx-plus-upstream-stats-data (gx-plus-upstream-category |
gx-plus-upstream-counter-name | gx-plus-upstream-counter-value)*>

```

```
<!ELEMENT gx-plus-upstream-stats-table (gx-plus-upstream-stats-data)*>

<!ELEMENT hardware-address (#PCDATA)>

<!ELEMENT host-name (#PCDATA)>

<!ELEMENT index (#PCDATA)>

<!ELEMENT internal-errors (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT ip-address-assigned (#PCDATA)>

<!ELEMENT largest-allocation (#PCDATA)>

<!ELEMENT ldap-auth-statistics (total-requests | success-responses |
failure-responses)*>

<!ELEMENT link-name (#PCDATA)>

<!ELEMENT local-auth-statistics (total-requests | success-responses |
failure-responses)*>

<!ELEMENT logical-system-routing-instance (#PCDATA)>

<!ELEMENT matched-domains (#PCDATA)>

<!ELEMENT memory-pool-name (#PCDATA)>

<!ELEMENT missing-domains (#PCDATA)>

<!ELEMENT multi-accounting-session-id (#PCDATA)>

<!ELEMENT no-matches (#PCDATA)>

<!ELEMENT node-secret-file (#PCDATA)>

<!ELEMENT node-secret-file-table (node-secret-file-table-entry)*>

<!ELEMENT node-secret-file-table-entry (server-name | node-secret-file)*>

<!ELEMENT node-size (#PCDATA)>

<!ELEMENT number-of-fails (#PCDATA)>

<!ELEMENT number-of-grows (#PCDATA)>

<!ELEMENT number-of-oversize-allocations (#PCDATA)>

<!ELEMENT number-services (#PCDATA)>

<!ELEMENT out-of-addresses (#PCDATA)>

<!ELEMENT out-of-memory (#PCDATA)>

<!ELEMENT pool-name (#PCDATA)>

<!ELEMENT pool-size (#PCDATA)>
```

```
<!ELEMENT pool-usage (#PCDATA)>

<!ELEMENT processed-ok (#PCDATA)>

<!ELEMENT processing-error (#PCDATA)>

<!ELEMENT profile-name (#PCDATA)>

<!ELEMENT radius-auth-statistics (total-requests | success-responses |
failure-responses)*>

<!ELEMENT re-authentication-aborts (#PCDATA)>

<!ELEMENT re-authentication-requests (#PCDATA)>

<!ELEMENT re-authentication-responses (#PCDATA)>

<!ELEMENT rejects (#PCDATA)>

<!ELEMENT requests (#PCDATA)>

<!ELEMENT securid-auth-statistics (total-requests | success-responses |
failure-responses)*>

<!ELEMENT server-name (#PCDATA)>

<!ELEMENT service-accounting-session-id (#PCDATA)>

<!ELEMENT service-accounting-state (#PCDATA)>

<!ELEMENT service-creates (#PCDATA)>

<!ELEMENT service-deletes (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT service-quota (#PCDATA)>

<!ELEMENT service-session-id (#PCDATA)>

<!ELEMENT service-state (#PCDATA)>

<!ELEMENT service-timeouts (#PCDATA)>

<!ELEMENT service-type (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-uptime (#PCDATA)>

<!ELEMENT silent-drops (#PCDATA)>

<!ELEMENT stripped-user-name (#PCDATA)>

<!ELEMENT stripped-username (#PCDATA)>

<!ELEMENT subscriber-type (#PCDATA)>

<!ELEMENT success-responses (#PCDATA)>

<!ELEMENT target-logical-system-routing-instance (#PCDATA)>
```

```
<!ELEMENT timeouts (#PCDATA)>

<!ELEMENT total-addresses (#PCDATA)>

<!ELEMENT total-allocation (#PCDATA)>

<!ELEMENT total-number-of-subscribers (#PCDATA)>

<!ELEMENT total-requests (#PCDATA)>

<!ELEMENT total-responses (#PCDATA)>

<!ELEMENT total-statistics (total-requests | total-responses)*>

<!ELEMENT unmatched-domains (#PCDATA)>

<!ELEMENT used-addresses (#PCDATA)>

<!ELEMENT user-name (#PCDATA)>
```

DTD for BFD Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-bfd.dtd`, which lists the Junos XML tags that contain information about BFD. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-bfd.dtd -->

<!ELEMENT adaptation-disabled (#PCDATA)>

<!ELEMENT adaptive-asynchronous-transmission-interval (#PCDATA)>

<!ELEMENT adaptive-reception-interval (#PCDATA)>

<!ELEMENT authentication (#PCDATA)>

<!ELEMENT bfd-client (client-name | client-transmission-interval |
client-reception-interval | client-multiplier | client-holddown-interval |
client-state | client-authentication | client-keychain | client-algorithm |
client-authentication-loose)*>

<!ELEMENT bfd-replication (bfd-replication-session-entry)*>

<!ELEMENT bfd-replication-session-entry (session-neighbor | session-interface |
local-discriminator | replication-state)*>

<!ELEMENT bfd-session (session-state | session-interface | session-neighbor |
session-detection-time | session-transmission-interval |
session-adaptive-multiplier | bfd-client | session-up-time | previous-up-time |
session-down-time | previous-down-time | local-diagnostic | remote-diagnostic |
remote-state | v0-remote-state | remote-listen | session-version |
logical-system-id | route-table-index | minimum-asynchronous-interval |
minimum-slow-interval | adaptive-asynchronous-transmission-interval |
adaptive-reception-interval | minimum-transmission-interval |
threshold-transmission-interval | minimum-reception-interval | detection-multiplier
| threshold-detection-time | neighbor-minimum-transmission-interval |
neighbor-minimum-reception-interval | neighbor-session-multiplier | issu-state |
original-transmission-interval | original-reception-interval | local-discriminator
| remote-discriminator | echo-mode-desired | echo-mode-state | no-absorb |
no-refresh | update-adjacency | update-transmit | neighbor-fate | replicated |
holddown-timer | adaptation-disabled | l2vpn-local-site-id | l2vpn-remote-site-id
| l2ckt-neighbor-address | l2ckt-vc-id | tunnel-name | tunnel-path | tunnel-prefix
| tunnel-prefix-length | tunnel-type | tunnel-destination | multihop-time-to-live
```

```
| multihop | multihop-routing-table-index | multihop-local-address |
authentication | session-keychain | session-algorithm |
session-authentication-loose)*>

<!ELEMENT bfd-session-information (bfd-session | sessions | clients |
cumulative-transmission-rate | cumulative-reception-rate | error-value)*>
<!--LIST bfd-session-information junos:style CDATA #IMPLIED-->

<!ELEMENT client-algorithm (#PCDATA)>

<!ELEMENT client-authentication (#PCDATA)>

<!--ELEMENT client-authentication-loose (#PCDATA)-->

<!--ELEMENT client-holddown-interval (#PCDATA)-->

<!--ELEMENT client-keychain (#PCDATA)-->

<!--ELEMENT client-multiplier (#PCDATA)-->

<!--ELEMENT client-name (#PCDATA)-->

<!--ELEMENT client-reception-interval (#PCDATA)-->

<!--ELEMENT client-state (#PCDATA)-->

<!--ELEMENT client-transmission-interval (#PCDATA)-->

<!--ELEMENT clients (#PCDATA)-->

<!--ELEMENT cumulative-reception-rate (#PCDATA)-->

<!--ELEMENT cumulative-transmission-rate (#PCDATA)-->

<!--ELEMENT detection-multiplier (#PCDATA)-->

<!--ELEMENT echo-mode-desired (#PCDATA)-->

<!--ELEMENT echo-mode-state (#PCDATA)-->

<!--ELEMENT error-value (#PCDATA)-->

<!--ELEMENT holddown-timer (#PCDATA)-->

<!--ELEMENT issu-state (#PCDATA)-->

<!--ELEMENT l2ckt-neighbor-address (#PCDATA)-->

<!--ELEMENT l2ckt-vc-id (#PCDATA)-->

<!--ELEMENT l2vpn-local-site-id (#PCDATA)-->

<!--ELEMENT l2vpn-remote-site-id (#PCDATA)-->

<!--ELEMENT local-diagnostic (#PCDATA)-->

<!--ELEMENT local-discriminator (#PCDATA)-->

<!--ELEMENT logical-system-id (#PCDATA)-->

<!--ELEMENT minimum-asynchronous-interval (#PCDATA)-->
```

```
<!ELEMENT minimum-reception-interval (#PCDATA)>
<!ELEMENT minimum-slow-interval (#PCDATA)>
<!ELEMENT minimum-transmission-interval (#PCDATA)>
<!ELEMENT multihop (#PCDATA)>
<!ELEMENT multihop-local-address (#PCDATA)>
<!ELEMENT multihop-routing-table-index (#PCDATA)>
<!ELEMENT multihop-time-to-live (#PCDATA)>
<!ELEMENT neighbor-fate (#PCDATA)>
<!ELEMENT neighbor-minimum-reception-interval (#PCDATA)>
<!ELEMENT neighbor-minimum-transmission-interval (#PCDATA)>
<!ELEMENT neighbor-session-multiplier (#PCDATA)>
<!ELEMENT no-absorb (#PCDATA)>
<!ELEMENT no-refresh (#PCDATA)>
<!ELEMENT original-reception-interval (#PCDATA)>
<!ELEMENT original-transmission-interval (#PCDATA)>
<!ELEMENT previous-down-time (#PCDATA)>
<!ELEMENT previous-up-time (#PCDATA)>
<!ELEMENT remote-diagnostic (#PCDATA)>
<!ELEMENT remote-discriminator (#PCDATA)>
<!ELEMENT remote-listen (#PCDATA)>
<!ELEMENT remote-state (#PCDATA)>
<!ELEMENT replicated (#PCDATA)>
<!ELEMENT replication-state (#PCDATA)>
<!ELEMENT route-table-index (#PCDATA)>
<!ELEMENT session-adaptive-multiplier (#PCDATA)>
<!ELEMENT session-algorithm (#PCDATA)>
<!ELEMENT session-authentication-loose (#PCDATA)>
<!ELEMENT session-detection-time (#PCDATA)>
<!ELEMENT session-down-time (#PCDATA)>
<!ELEMENT session-interface (#PCDATA)>
```

```
<!ELEMENT session-keychain (#PCDATA)>
<!ELEMENT session-neighbor (#PCDATA)>
<!ELEMENT session-state (#PCDATA)>
<!ELEMENT session-transmission-interval (#PCDATA)>
<!ELEMENT session-up-time (#PCDATA)>
<!ELEMENT session-version (#PCDATA)>
<!ELEMENT sessions (#PCDATA)>
<!ELEMENT threshold-detection-time (#PCDATA)>
<!ELEMENT threshold-transmission-interval (#PCDATA)>
<!ELEMENT tunnel-destination (#PCDATA)>
<!ELEMENT tunnel-name (#PCDATA)>
<!ELEMENT tunnel-path (#PCDATA)>
<!ELEMENT tunnel-prefix (#PCDATA)>
<!ELEMENT tunnel-prefix-length (#PCDATA)>
<!ELEMENT tunnel-type (#PCDATA)>
<!ELEMENT update-adjacency (#PCDATA)>
<!ELEMENT update-transmit (#PCDATA)>
<!ELEMENT v0-remote-state (#PCDATA)>
```


CHAPTER 26

DTD for CFM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-cfm.dtd`, which lists the Junos XML tags that contain information about CFM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-cfm.dtd -->

<!ELEMENT cfm-accu-loss-far-end-cir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-loss-far-end-cir-loss-stats-percent (#PCDATA)>
<!ELEMENT cfm-accu-loss-far-end-eir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-loss-far-end-eir-loss-stats-percent (#PCDATA)>
<!ELEMENT cfm-accu-loss-near-end-cir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-loss-near-end-cir-loss-stats-percent (#PCDATA)>
<!ELEMENT cfm-accu-loss-near-end-eir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-loss-near-end-eir-loss-stats-percent (#PCDATA)>
<!ELEMENT cfm-accu-tx-far-end-cir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-tx-far-end-eir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-tx-near-end-cir-loss-stats (#PCDATA)>
<!ELEMENT cfm-accu-tx-near-end-eir-loss-stats (#PCDATA)>
<!ELEMENT cfm-action-profile-name (#PCDATA)>
<!ELEMENT cfm-ap-action-name (#PCDATA)>
<!ELEMENT cfm-ap-action-time (#PCDATA)>
<!ELEMENT cfm-ap-last-event (#PCDATA)>
<!ELEMENT cfm-ap-last-event-cleared-time (#PCDATA)>
<!ELEMENT cfm-average-oneway-bkwd-delay-variation (#PCDATA)>
```

```
<!ELEMENT cfm-average-oneway-fwd-delay-variation (#PCDATA)>

<!ELEMENT cfm-average-twoway-delay (#PCDATA)>

<!ELEMENT cfm-average-twoway-delay-variation (#PCDATA)>

<!ELEMENT cfm-client-session-id (#PCDATA)>

<!ELEMENT cfm-connection-protection-tlv-frr-flag (#PCDATA)>

<!ELEMENT cfm-connection-protection-tlv-prefer-me (#PCDATA)>

<!ELEMENT cfm-connection-protection-tlv-protection-in-use (#PCDATA)>

<!ELEMENT cfm-continuity-check-interval (#PCDATA)>
<!ATTLIST cfm-continuity-check-interval junos:format CDATA #IMPLIED>

<!ELEMENT cfm-continuity-check-loss-threshold (#PCDATA)>

<!ELEMENT cfm-continuity-check-status (#PCDATA)>

<!ELEMENT cfm-counters-route-socket-operations
(cfm-route-socket-message-counters)*>

<!ELEMENT cfm-counters-route-socket-received (cfm-route-socket-message-counters)*>

<!ELEMENT cfm-cross-connect-session (cfm-session-defect-type |
cfm-session-defect-description | cfm-level | cfm-maintenance-domain-name |
cfm-maintenance-domain-name-format | cfm-maintenance-association-name |
cfm-maintenance-association-name-format | cfm-mep-identifier |
cfm-continuity-check-interval)*>

<!ELEMENT cfm-cross-connect-session-count (#PCDATA)>

<!ELEMENT cfm-cross-connect-sessions (cfm-cross-connect-session-count |
cfm-cross-connect-session)*>

<!ELEMENT cfm-default-maintenance-domain-mhf (#PCDATA)>

<!ELEMENT cfm-defect-cross-connect-ccm (#PCDATA)>

<!ELEMENT cfm-defect-error-ccm (#PCDATA)>

<!ELEMENT cfm-defect-mac-status (#PCDATA)>

<!ELEMENT cfm-defect-rdi-in-some-mep (#PCDATA)>

<!ELEMENT cfm-defect-remote-mep-no-ccm (#PCDATA)>

<!ELEMENT cfm-delay-statistics (cfm-entry)*>

<!ELEMENT cfm-delay-variation-weight (#PCDATA)>

<!ELEMENT cfm-delay-weight (#PCDATA)>

<!ELEMENT cfm-dfwd-connection-state (#PCDATA)>

<!ELEMENT cfm-dfwd-nh-to-delete (#PCDATA)>

<!ELEMENT cfm-dfwd-pending-transactions (cfm-dfwd-transaction)*>
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<!ELEMENT cfm-dfwd-policer-instance (cfm-policer-instance-name | cfm-policer-name
| cfm-policer-instance-reference-count)*>

<!ELEMENT cfm-dfwd-policer-instance-info (cfm-dfwd-policer-instance)*>

<!ELEMENT cfm-dfwd-reconnect-count (#PCDATA)>

<!ELEMENT cfm-dfwd-requests-accepted (#PCDATA)>

<!ELEMENT cfm-dfwd-requests-lost (#PCDATA)>

<!ELEMENT cfm-dfwd-requests-rejected (#PCDATA)>

<!ELEMENT cfm-dfwd-requests-sent (#PCDATA)>

<!ELEMENT cfm-dfwd-transaction (cfm-dfwd-transaction-id | cfm-dfwd-nh-to-delete)*>

<!ELEMENT cfm-dfwd-transaction-id (#PCDATA)>

<!ELEMENT cfm-dmm-received (#PCDATA)>

<!ELEMENT cfm-dmm-received-invalid (#PCDATA)>

<!ELEMENT cfm-dmm-sent (#PCDATA)>

<!ELEMENT cfm-dmm-skipped-for-threshold-hit (#PCDATA)>

<!ELEMENT cfm-dmm-skipped-for-threshold-hit-window (#PCDATA)>

<!ELEMENT cfm-dmr-invalid-time-stamp (#PCDATA)>

<!ELEMENT cfm-dmr-out-of-sequence (#PCDATA)>

<!ELEMENT cfm-dmr-received (#PCDATA)>

<!ELEMENT cfm-dmr-received-invalid (#PCDATA)>

<!ELEMENT cfm-dmr-sent (#PCDATA)>

<!ELEMENT cfm-entry (cfm-interface-entry | cfm-interface-sessions |
cfm-mep-database-session | cfm-mep-database-continuity-check |
cfm-mep-database-interface | cfm-local-mep | cfm-local-mep-defects |
cfm-local-mep-statistics | cfm-remote-meps | cfm-cross-connect-sessions |
cfm-error-sessions | cfm-mep-statistics-mep-summary |
cfm-local-mep-packet-statistics | cfm-remote-mep-brief-summary |
cfm-ethdm-delay-entry | cfm-ethdm-oneway-delay-summary |
cfm-ethdm-twoway-delay-summary | cfm-client-session-id | cfm-ethlm-loss-entry |
cfm-ethlm-cir-loss-summary | cfm-ethlm-eir-loss-summary | cfm-iter-mep-summary |
cfm-iter-info | cfm-iter-ethdm-entry | cfm-iter-ethlm-entry)*>

<!ELEMENT cfm-error-session (cfm-session-defect-type |
cfm-session-defect-description | cfm-level | cfm-maintenance-domain-name |
cfm-maintenance-domain-name-format | cfm-maintenance-association-name |
cfm-maintenance-association-name-format | cfm-continuity-check-interval |
cfm-mep-identifier)*>

<!ELEMENT cfm-error-session-count (#PCDATA)>

<!ELEMENT cfm-error-sessions (cfm-error-session-count | cfm-error-session)*>

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<!ELEMENT cfm-ethdm-average-oneway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-average-oneway-delay-variation (#PCDATA)>

<!ELEMENT cfm-ethdm-average-twoway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-average-twoway-delay-variation (#PCDATA)>

<!ELEMENT cfm-ethdm-bestcase-oneway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-bestcase-twoway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-delay-entry (cfm-ethdm-delay-entry-index |
cfm-ethdm-oneway-delay | cfm-ethdm-twoway-delay)*>

<!ELEMENT cfm-ethdm-delay-entry-index (#PCDATA)>

<!ELEMENT cfm-ethdm-oneway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-oneway-delay-summary (cfm-ethdm-average-oneway-delay |
cfm-ethdm-average-oneway-delay-variation | cfm-ethdm-bestcase-oneway-delay |
cfm-ethdm-worstcase-oneway-delay)*>

<!ELEMENT cfm-ethdm-twoway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-twoway-delay-summary (cfm-ethdm-average-twoway-delay |
cfm-ethdm-average-twoway-delay-variation | cfm-ethdm-bestcase-twoway-delay |
cfm-ethdm-worstcase-twoway-delay)*>

<!ELEMENT cfm-ethdm-worstcase-oneway-delay (#PCDATA)>

<!ELEMENT cfm-ethdm-worstcase-twoway-delay (#PCDATA)>

<!ELEMENT cfm-ethlm-average-far-end-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-average-far-end-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-average-far-end-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-average-far-end-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-average-near-end-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-average-near-end-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-average-near-end-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-average-near-end-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-cir-loss-summary (cfm-ethlm-average-near-end-cir-loss |
cfm-ethlm-average-near-end-cir-loss-ratio | cfm-ethlm-average-far-end-cir-loss |
cfm-ethlm-average-far-end-cir-loss-ratio | cfm-ethlm-near-end-best-case-cir-loss
| cfm-ethlm-near-end-best-case-cir-loss-ratio |
cfm-ethlm-near-end-worst-case-cir-loss |
cfm-ethlm-near-end-worst-case-cir-loss-ratio | cfm-ethlm-far-end-best-case-cir-loss
| cfm-ethlm-far-end-best-case-cir-loss-ratio |
cfm-ethlm-far-end-worst-case-cir-loss |
cfm-ethlm-far-end-worst-case-cir-loss-ratio)*>

<!ELEMENT cfm-ethlm-eir-loss-summary (cfm-ethlm-average-near-end-eir-loss |
cfm-ethlm-average-near-end-eir-loss-ratio | cfm-ethlm-average-far-end-eir-loss |
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    cfm-ethlm-average-far-end-eir-loss-ratio | cfm-ethlm-near-end-best-case-eir-loss
    | cfm-ethlm-near-end-best-case-eir-loss-ratio |
    cfm-ethlm-near-end-worst-case-eir-loss |
    cfm-ethlm-near-end-worst-case-eir-loss-ratio | cfm-ethlm-far-end-best-case-eir-loss
    | cfm-ethlm-far-end-best-case-eir-loss-ratio |
    cfm-ethlm-far-end-worst-case-eir-loss |
    cfm-ethlm-far-end-worst-case-eir-loss-ratio)*>

<!ELEMENT cfm-ethlm-far-end-best-case-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-best-case-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-best-case-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-best-case-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-cir-frame-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-cir-frame-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-eir-frame-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-eir-frame-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-total-cir-tx (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-total-eir-tx (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-worst-case-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-worst-case-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-worst-case-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-far-end-worst-case-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-loss-entry (cfm-ethlm-loss-entry-index |
    cfm-ethlm-near-end-cir-frame-loss | cfm-ethlm-near-end-total-cir-tx |
    cfm-ethlm-far-end-cir-frame-loss | cfm-ethlm-far-end-total-cir-tx |
    cfm-ethlm-near-end-eir-frame-loss | cfm-ethlm-near-end-total-eir-tx |
    cfm-ethlm-far-end-eir-frame-loss | cfm-ethlm-far-end-total-eir-tx |
    cfm-ethlm-near-end-cir-frame-loss-ratio | cfm-ethlm-far-end-cir-frame-loss-ratio
    | cfm-ethlm-near-end-eir-frame-loss-ratio |
    cfm-ethlm-far-end-eir-frame-loss-ratio)*>

<!ELEMENT cfm-ethlm-loss-entry-index (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-best-case-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-best-case-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-best-case-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-best-case-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-cir-frame-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-cir-frame-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-eir-frame-loss (#PCDATA)>

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<!ELEMENT cfm-ethlm-near-end-eir-frame-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-total-cir-tx (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-total-eir-tx (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-worst-case-cir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-worst-case-cir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-worst-case-eir-loss (#PCDATA)>

<!ELEMENT cfm-ethlm-near-end-worst-case-eir-loss-ratio (#PCDATA)>

<!ELEMENT cfm-filter (cfm-filter-name | cfm-filter-state | cfm-filter-term-count
| cfm-filter-term-attachment)*>
<!ATTLIST cfm-filter junos:style CDATA #IMPLIED>

<!ELEMENT cfm-filter-action (#PCDATA)>

<!ELEMENT cfm-filter-name (#PCDATA)>

<!ELEMENT cfm-filter-state (#PCDATA)>

<!ELEMENT cfm-filter-term (cfm-filter-term-name | cfm-filter-term-id |
cfm-filter-term-state | cfm-filter-term-key | cfm-filter-term-action |
cfm-filter-term-action-details | cfm-flood-nexthop-components |
cfm-policer-instance-name)*>
<!ATTLIST cfm-filter-term junos:style CDATA #IMPLIED>

<!ELEMENT cfm-filter-term-action (#PCDATA)>

<!ELEMENT cfm-filter-term-action-details (#PCDATA)>

<!ELEMENT cfm-filter-term-attachment (#PCDATA)>

<!ELEMENT cfm-filter-term-count (#PCDATA)>

<!ELEMENT cfm-filter-term-id (#PCDATA)>

<!ELEMENT cfm-filter-term-key (#PCDATA)>

<!ELEMENT cfm-filter-term-name (#PCDATA)>

<!ELEMENT cfm-filter-term-state (#PCDATA)>

<!ELEMENT cfm-firewall-filter-instance-information (cfm-instance-name | cfm-filter
| cfm-filter-term)*>
<!ATTLIST cfm-firewall-filter-instance-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-firewall-filter-interface-information (cfm-interface-name |
cfm-instance-name | cfm-filter | cfm-filter-term)*>
<!ATTLIST cfm-firewall-filter-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-flood-instance-information (cfm-instance-name |
cfm-num-active-customer-endpoint-iffs | cfm-num-active-vpn-endpoint-iffs |
cfm-flood-maintenance-domain-level)*>
<!ATTLIST cfm-flood-instance-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-flood-interface-information (cfm-interface-name | cfm-instance-name
| cfm-flood-maintenance-domain-level)*>
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<!ATTLIST cfm-flood-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-flood-maintenance-domain-level (cfm-level | cfm-local-mep-direction
| cfm-filter-action | cfm-nexthop-type | cfm-nexthop-index |
cfm-flood-nexthop-components)*>
<!ATTLIST cfm-flood-maintenance-domain-level junos:style CDATA #IMPLIED>

<!ELEMENT cfm-flood-nexthop-components (cfm-interface-name | cfm-interface-type
| cfm-interface-nexthop-type | cfm-interface-nexthop-index)*>

<!ELEMENT cfm-forwarding-table-filtering-simulation (#PCDATA)>

<!ELEMENT cfm-gres-flood-resynchronization (#PCDATA)>

<!ELEMENT cfm-hardware-assist-flooding (#PCDATA)>

<!ELEMENT cfm-hw-timestamping (#PCDATA)>

<!ELEMENT cfm-instance-mip-information (cfm-instance-name |
cfm-maintenance-domain-mhf | cfm-maintenance-association-mhf |
cfm-default-maintenance-domain-mhf | cfm-interface-mip-information)*>

<!ELEMENT cfm-instance-name (#PCDATA)>

<!ELEMENT cfm-interface (cfm-interface-snapshot | cfm-entry)*>

<!ELEMENT cfm-interface-continuity-check (cfm-continuity-check-status |
cfm-continuity-check-interval | cfm-continuity-check-loss-threshold)*>

<!ELEMENT cfm-interface-entry (cfm-interface-name | cfm-interface-status |
cfm-interface-link-status)*>

<!ELEMENT cfm-interface-link-status (#PCDATA)>

<!ELEMENT cfm-interface-local-mep-defects (cfm-defect-remote-mep-no-ccm |
cfm-defect-error-ccm | cfm-defect-cross-connect-ccm | cfm-defect-rdi-in-some-mep
| cfm-defect-mac-status)*>

<!ELEMENT cfm-interface-local-mep-info (cfm-local-mep-identifier |
cfm-local-mep-direction | cfm-local-mep-mac-address | cfm-local-mep-status)*>

<!ELEMENT cfm-interface-local-mep-statistics (cfm-total-ccm-sent |
cfm-out-of-sequence-ccm-received | cfm-lbm-sent | cfm-lbr-sent | cfm-lbr-received
| cfm-lbr-received-out-of-order | cfm-lbr-bad-msdu | cfm-total-ltm-sent |
cfm-total-ltm-received | cfm-total-ltr-sent | cfm-total-ltr-received |
cfm-next-ltm-sequence-number | cfm-onedm-sent | cfm-onedm-received |
cfm-onedm-received-invalid | cfm-onedm-received-outofsync | cfm-dmm-sent |
cfm-dmm-received | cfm-dmm-received-invalid | cfm-dmr-sent | cfm-dmr-received |
cfm-dmr-received-invalid | cfm-lmm-sent | cfm-lmm-received |
cfm-lmm-received-invalid | cfm-lmr-sent | cfm-lmr-received |
cfm-lmr-received-invalid)*>

<!ELEMENT cfm-interface-local-mep-tlv-info (cfm-local-mep-interface-status-tlv |
cfm-local-mep-port-status-tlv | cfm-local-mep-connection-protection-tlv)*>

<!ELEMENT cfm-interface-mip-information (cfm-interface-name | cfm-level)*>

<!ELEMENT cfm-interface-name (#PCDATA)>

<!ELEMENT cfm-interface-nexthop-index (#PCDATA)>

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<!ELEMENT cfm-interface-nexthop-type (#PCDATA)>

<!ELEMENT cfm-interface-remote-meps (cfm-remote-mep-count | cfm-remote-mep)*>
<!ATTLIST cfm-interface-remote-meps junos:style CDATA #IMPLIED>

<!ELEMENT cfm-interface-session (cfm-interface-session-identifier |
cfm-interface-continuity-check | cfm-interface-local-mep-tlv-info |
cfm-interface-local-mep-info | cfm-interface-local-mep-defects |
cfm-interface-local-mep-statistics | cfm-interface-remote-meps)*>

<!ELEMENT cfm-interface-session-identifier (cfm-level | cfm-maintenance-domain-name
| cfm-maintenance-domain-name-format | cfm-maintenance-association-name |
cfm-maintenance-association-name-format)*>

<!ELEMENT cfm-interface-session-snapshot (cfm-level | cfm-mep-identifier |
cfm-remote-mep-count)*>

<!ELEMENT cfm-interface-sessions (cfm-interface-session)*>

<!ELEMENT cfm-interface-snapshot (cfm-interface-name | cfm-interface-link-status
| cfm-interface-status | cfm-interface-session-snapshot)*>
<!ATTLIST cfm-interface-snapshot junos:style CDATA #IMPLIED>

<!ELEMENT cfm-interface-status (#PCDATA)>

<!ELEMENT cfm-interface-type (#PCDATA)>

<!ELEMENT cfm-internal-instance-state (#PCDATA)>

<!ELEMENT cfm-internal-interface-state (#PCDATA)>

<!ELEMENT cfm-internal-session-state (#PCDATA)>

<!ELEMENT cfm-iter-ethdm-entry (cfm-delay-weight | cfm-delay-variation-weight |
cfm-dmm-sent | cfm-dmm-skipped-for-threshold-hit |
cfm-dmm-skipped-for-threshold-hit-window | cfm-dmr-received |
cfm-dmr-out-of-sequence | cfm-dmr-invalid-time-stamp | cfm-average-twoway-delay
| cfm-average-twoway-delay-variation | cfm-average-oneway-fwd-delay-variation |
cfm-average-oneway-bkwd-delay-variation | cfm-weighted-average-twoway-delay |
cfm-weighted-average-twoway-delay-variation |
cfm-weighted-average-oneway-fwd-delay-variation |
cfm-weighted-average-oneway-bkwd-delay-variation)*>

<!ELEMENT cfm-iter-ethlm-entry (cfm-lmm-sent | cfm-lmm-skipped-for-threshold-hit
| cfm-lmm-skipped-for-threshold-hit-window | cfm-lmr-received | cfm-lmr-out-of-seq
| cfm-accu-tx-near-end-cir-loss-stats | cfm-accu-tx-far-end-cir-loss-stats |
cfm-accu-tx-near-end-eir-loss-stats | cfm-accu-tx-far-end-eir-loss-stats |
cfm-accu-loss-near-end-cir-loss-stats |
cfm-accu-loss-near-end-cir-loss-stats-percent |
cfm-accu-loss-far-end-cir-loss-stats | cfm-accu-loss-far-end-cir-loss-stats-percent
| cfm-accu-loss-near-end-eir-loss-stats |
cfm-accu-loss-near-end-eir-loss-stats-percent |
cfm-accu-loss-far-end-eir-loss-stats | cfm-accu-loss-far-end-eir-loss-stats-percent
| cfm-last-measured-near-end-cir-loss-stats |
cfm-last-measured-far-end-cir-loss-stats |
cfm-last-measured-near-end-eir-loss-stats |
cfm-last-measured-far-end-eir-loss-stats)*>

<!ELEMENT cfm-iter-info (cfm-iterator-name | cfm-iterator-identifier |
cfm-iterator-cycle-time | cfm-iteration-period | cfm-iterator-status |
cfm-iterator-forever-status | cfm-iteration-current-count |
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cfm-iteration-remaining-count | cfm-iterator-counter-reset-time |
cfm-iterator-counter-reset-reason)*>

<!ELEMENT cfm-iter-mep-summary (cfm-level | cfm-maintenance-domain-name |
cfm-maintenance-association-name | cfm-local-mep-identifier |
cfm-remote-mep-identifier | cfm-remote-mep-mac-address |
cfm-iterator-error-status)*>

<!ELEMENT cfm-iteration-current-count (#PCDATA)>

<!ELEMENT cfm-iteration-period (#PCDATA)>

<!ELEMENT cfm-iteration-remaining-count (#PCDATA)>

<!ELEMENT cfm-iterator-counter-reset-reason (#PCDATA)>

<!ELEMENT cfm-iterator-counter-reset-time (#PCDATA)>

<!ELEMENT cfm-iterator-cycle-time (#PCDATA)>

<!ELEMENT cfm-iterator-error-status (#PCDATA)>

<!ELEMENT cfm-iterator-forever-status (#PCDATA)>

<!ELEMENT cfm-iterator-identifier (#PCDATA)>

<!ELEMENT cfm-iterator-name (#PCDATA)>

<!ELEMENT cfm-iterator-statistics (cfm-entry)*>

<!ELEMENT cfm-iterator-status (#PCDATA)>

<!ELEMENT cfm-last-measured-far-end-cir-loss-stats (#PCDATA)>

<!ELEMENT cfm-last-measured-far-end-eir-loss-stats (#PCDATA)>

<!ELEMENT cfm-last-measured-near-end-cir-loss-stats (#PCDATA)>

<!ELEMENT cfm-last-measured-near-end-eir-loss-stats (#PCDATA)>

<!ELEMENT cfm-lbm-sent (#PCDATA)>

<!ELEMENT cfm-lbr-bad-msdu (#PCDATA)>

<!ELEMENT cfm-lbr-received (#PCDATA)>

<!ELEMENT cfm-lbr-received-out-of-order (#PCDATA)>

<!ELEMENT cfm-lbr-sent (#PCDATA)>

<!ELEMENT cfm-legend (#PCDATA)>

<!ELEMENT cfm-level (#PCDATA)>

<!ELEMENT cfm-linktrace-path-database (cfm-ltm-request-snapshot |
cfm-ltr-reply-entry)*>

<!ELEMENT cfm-lmm-received (#PCDATA)>

<!ELEMENT cfm-lmm-received-invalid (#PCDATA)>

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<!ELEMENT cfm-lmm-sent (#PCDATA)>

<!ELEMENT cfm-lmm-skipped-for-threshold-hit (#PCDATA)>

<!ELEMENT cfm-lmm-skipped-for-threshold-hit-window (#PCDATA)>

<!ELEMENT cfm-lmr-out-of-seq (#PCDATA)>

<!ELEMENT cfm-lmr-received (#PCDATA)>

<!ELEMENT cfm-lmr-received-invalid (#PCDATA)>

<!ELEMENT cfm-lmr-sent (#PCDATA)>

<!ELEMENT cfm-local-mep (cfm-local-mep-identifier | cfm-local-mep-direction |
cfm-local-mep-mac-address | cfm-local-mep-auto-discovery | cfm-local-mep-priority
| cfm-local-mep-port-status-tlv | cfm-local-mep-interface-status-tlv |
cfm-local-mep-status)*>

<!ELEMENT cfm-local-mep-auto-discovery (#PCDATA)>

<!ELEMENT cfm-local-mep-connection-protection-tlv
(cfm-connection-protection-tlv-prefer-me |
cfm-connection-protection-tlv-protection-in-use |
cfm-connection-protection-tlv-frr-flag)*>

<!ELEMENT cfm-local-mep-defects (cfm-defect-remote-mep-no-ccm |
cfm-defect-error-ccm | cfm-defect-cross-connect-ccm | cfm-defect-rdi-in-some-mep
| cfm-defect-mac-status)*>

<!ELEMENT cfm-local-mep-direction (#PCDATA)>

<!ELEMENT cfm-local-mep-identifier (#PCDATA)>

<!ELEMENT cfm-local-mep-interface-status-tlv (#PCDATA)>

<!ELEMENT cfm-local-mep-mac-address (#PCDATA)>

<!ELEMENT cfm-local-mep-packet-statistics (cfm-total-ccm-sent |
cfm-out-of-sequence-ccm-received | cfm-lbm-sent | cfm-lbr-sent | cfm-lbr-received
| cfm-lbr-received-out-of-order | cfm-lbr-bad-msdu | cfm-total-ltm-sent |
cfm-total-ltm-received | cfm-total-ltr-sent | cfm-total-ltr-received |
cfm-next-ltm-sequence-number | cfm-onedm-sent | cfm-onedm-received |
cfm-onedm-received-invalid | cfm-onedm-received-outofsync | cfm-dmm-sent |
cfm-dmm-received | cfm-dmm-received-invalid | cfm-dmr-sent | cfm-dmr-received |
cfm-dmr-received-invalid | cfm-lmm-sent | cfm-lmm-received |
cfm-lmm-received-invalid | cfm-lmr-sent | cfm-lmr-received |
cfm-lmr-received-invalid)*>

<!ELEMENT cfm-local-mep-port-status-tlv (#PCDATA)>

<!ELEMENT cfm-local-mep-priority (#PCDATA)>

<!ELEMENT cfm-local-mep-statistics (cfm-total-ccm-sent |
cfm-out-of-sequence-ccm-received | cfm-lbm-sent | cfm-lbr-sent | cfm-lbr-received
| cfm-lbr-received-out-of-order | cfm-lbr-bad-msdu | cfm-total-ltm-sent |
cfm-total-ltm-received | cfm-total-ltr-sent | cfm-total-ltr-received |
cfm-next-ltm-sequence-number | cfm-onedm-sent | cfm-onedm-received |
cfm-onedm-received-invalid | cfm-onedm-received-outofsync | cfm-dmm-sent |
cfm-dmm-received | cfm-dmm-received-invalid | cfm-dmr-sent | cfm-dmr-received |
cfm-dmr-received-invalid | cfm-lmm-sent | cfm-lmm-received |
```

```

cfm-lmm-received-invalid | cfm-lmr-sent | cfm-lmr-received |
cfm-lmr-received-invalid)*>

<!ELEMENT cfm-local-mep-status (#PCDATA)>

<!ELEMENT cfm-loss-statistics (cfm-entry)*>

<!ELEMENT cfm-ltm-request-snapshot (cfm-interface-name | cfm-level |
cfm-maintenance-domain-name | cfm-maintenance-association-name |
cfm-local-mep-identifier | cfm-ltm-target-mac-address)*>

<!ELEMENT cfm-ltm-target-mac-address (#PCDATA)>

<!ELEMENT cfm-ltm-transaction-identifier (#PCDATA)>

<!ELEMENT cfm-ltr-mep-mip-mac-address (#PCDATA)>

<!ELEMENT cfm-ltr-next-hop-mac-address (#PCDATA)>

<!ELEMENT cfm-ltr-reply-entry (cfm-ltm-transaction-identifier |
cfm-ltr-request-hop-identifier | cfm-ltr-reply-ttl | cfm-ltr-mep-mip-mac-address
| cfm-ltr-next-hop-mac-address)*>

<!ELEMENT cfm-ltr-reply-ttl (#PCDATA)>

<!ELEMENT cfm-ltr-request-hop-identifier (#PCDATA)>

<!ELEMENT cfm-maintenance-association-mhf (#PCDATA)>

<!ELEMENT cfm-maintenance-association-name (#PCDATA)>

<!ELEMENT cfm-maintenance-association-name-format (#PCDATA)>

<!ELEMENT cfm-maintenance-domain-mhf (#PCDATA)>

<!ELEMENT cfm-maintenance-domain-name (#PCDATA)>

<!ELEMENT cfm-maintenance-domain-name-format (#PCDATA)>

<!ELEMENT cfm-mark-connection-protection-tlv (#PCDATA)>

<!ELEMENT cfm-mep-database (cfm-entry)*>

<!ELEMENT cfm-mep-database-continuity-check (cfm-continuity-check-status |
cfm-continuity-check-interval | cfm-continuity-check-loss-threshold)*>

<!ELEMENT cfm-mep-database-interface (cfm-interface-name | cfm-interface-status
| cfm-interface-link-status)*>

<!ELEMENT cfm-mep-database-session (cfm-maintenance-domain-name |
cfm-maintenance-domain-name-format | cfm-level | cfm-maintenance-association-name
| cfm-maintenance-association-name-format)*>

<!ELEMENT cfm-mep-identifier (#PCDATA)>

<!ELEMENT cfm-mep-statistics (cfm-entry)*>

<!ELEMENT cfm-mep-statistics-mep-summary (cfm-local-mep-identifier |
cfm-local-mep-mac-address | cfm-remote-mep-count)*>

<!ELEMENT cfm-mhf-type (#PCDATA)>

```

```
<!ELEMENT cfm-mip-information (cfm-instance-mip-information)*>

<!ELEMENT cfm-next-ltm-sequence-number (#PCDATA)>

<!ELEMENT cfm-nexthop-index (#PCDATA)>

<!ELEMENT cfm-nexthop-information (cfm-nexthop-index | cfm-nexthop-type |
cfm-nexthop-last-operation | cfm-nexthop-last-error | cfm-nexthop-statistics |
cfm-nexthop-reference-count | cfm-nexthop-owner | cfm-level |
cfm-flood-nexthop-components)*>
<!ATTLIST cfm-nexthop-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-nexthop-last-error (#PCDATA)>

<!ELEMENT cfm-nexthop-last-operation (#PCDATA)>

<!ELEMENT cfm-nexthop-owner (#PCDATA)>

<!ELEMENT cfm-nexthop-reference-count (#PCDATA)>

<!ELEMENT cfm-nexthop-statistics (#PCDATA)>

<!ELEMENT cfm-nexthop-type (#PCDATA)>

<!ELEMENT cfm-num-active-customer-endpoint-iffs (#PCDATA)>

<!ELEMENT cfm-num-active-vpn-endpoint-iffs (#PCDATA)>

<!ELEMENT cfm-onedm-received (#PCDATA)>

<!ELEMENT cfm-onedm-received-invalid (#PCDATA)>

<!ELEMENT cfm-onedm-received-outofsync (#PCDATA)>

<!ELEMENT cfm-onedm-sent (#PCDATA)>

<!ELEMENT cfm-out-of-sequence-ccm-received (#PCDATA)>

<!ELEMENT cfm-policer (cfm-legend | cfm-policer-sessions)*>

<!ELEMENT cfm-policer-drop-count (#PCDATA)>

<!ELEMENT cfm-policer-instance-name (#PCDATA)>

<!ELEMENT cfm-policer-instance-reference-count (#PCDATA)>

<!ELEMENT cfm-policer-maintenance-association-entries
(cfm-policer-maintenance-association-entry)*>

<!ELEMENT cfm-policer-maintenance-association-entry
(cfm-maintenance-association-name | cfm-policer-name | cfm-policer-type |
cfm-policer-scope | cfm-policer-drop-count)*>

<!ELEMENT cfm-policer-maintenance-domain-entry (cfm-maintenance-domain-name |
cfm-level)*>

<!ELEMENT cfm-policer-name (#PCDATA)>

<!ELEMENT cfm-policer-scope (#PCDATA)>
```

```

<!ELEMENT cfm-policer-session (cfm-policer-maintenance-domain-entry |
cfm-policer-maintenance-association-entries)*>

<!ELEMENT cfm-policer-sessions (cfm-policer-session)*>

<!ELEMENT cfm-policer-type (#PCDATA)>

<!ELEMENT cfm-ppmd-blocked-count (#PCDATA)>

<!ELEMENT cfm-ppmd-connection-state (#PCDATA)>

<!ELEMENT cfm-ppmd-flow-state (#PCDATA)>

<!ELEMENT cfm-ppmd-job-state (#PCDATA)>

<!ELEMENT cfm-remote-mep (cfm-remote-mep-identifier | cfm-remote-mep-state |
cfm-remote-mep-mac-address | cfm-remote-mep-interface | cfm-remote-mep-type |
cfm-remote-mep-rdi | cfm-remote-mep-last-flapped |
cfm-remote-mep-last-dm-stats-cleared | cfm-remote-mep-last-lm-stats-cleared |
cfm-remote-mep-continuity | cfm-remote-mep-admin-enable-time |
cfm-remote-mep-oper-down-time | cfm-remote-mep-port-status-tlv |
cfm-remote-mep-interface-status-tlv | cfm-remote-mep-connection-protection-tlv)*>

<!ELEMENT cfm-remote-mep-admin-enable-time (#PCDATA)>

<!ELEMENT cfm-remote-mep-ap (cfm-action-profile-name | cfm-ap-last-event |
cfm-ap-action-name | cfm-ap-action-time | cfm-ap-last-event-cleared-time)*>

<!ELEMENT cfm-remote-mep-brief-summary (cfm-remote-mep-identifier |
cfm-remote-mep-mac-address)*>

<!ELEMENT cfm-remote-mep-connection-protection-tlv
(cfm-connection-protection-tlv-prefer-me |
cfm-connection-protection-tlv-protection-in-use |
cfm-connection-protection-tlv-frr-flag)*>

<!ELEMENT cfm-remote-mep-continuity (#PCDATA)>

<!ELEMENT cfm-remote-mep-count (#PCDATA)>

<!ELEMENT cfm-remote-mep-identifier (#PCDATA)>

<!ELEMENT cfm-remote-mep-interface (#PCDATA)>

<!ELEMENT cfm-remote-mep-interface-status-tlv (#PCDATA)>

<!ELEMENT cfm-remote-mep-last-dm-stats-cleared (#PCDATA)>

<!ELEMENT cfm-remote-mep-last-flapped (#PCDATA)>

<!ELEMENT cfm-remote-mep-last-lm-stats-cleared (#PCDATA)>

<!ELEMENT cfm-remote-mep-mac-address (#PCDATA)>

<!ELEMENT cfm-remote-mep-oper-down-time (#PCDATA)>

<!ELEMENT cfm-remote-mep-port-status-tlv (#PCDATA)>

<!ELEMENT cfm-remote-mep-rdi (#PCDATA)>

<!ELEMENT cfm-remote-mep-state (#PCDATA)>

```

```
<!ELEMENT cfm-remote-mep-type (#PCDATA)>

<!ELEMENT cfm-remote-meps (cfm-remote-mep-count | cfm-remote-mep |
cfm-remote-mep-ap)*>
<!--ATTLIST cfm-remote-meps junos:style CDATA #IMPLIED-->

<!ELEMENT cfm-route-information (cfm-route-prefix | cfm-nexthop-index |
cfm-route-last-operation | cfm-route-last-error | cfm-route-statistics | cfm-level
| cfm-route-table-index | cfm-route-owner | cfm-flood-nexthop-components)*>
<!--ATTLIST cfm-route-information junos:style CDATA #IMPLIED-->

<!ELEMENT cfm-route-last-error (#PCDATA)>

<!ELEMENT cfm-route-last-operation (#PCDATA)>

<!ELEMENT cfm-route-maintenance-domain-level (cfm-level | cfm-local-mep-direction
| cfm-transmit-route-prefix | cfm-nexthop-index | cfm-flood-nexthop-components)*>
<!--ATTLIST cfm-route-maintenance-domain-level junos:style CDATA #IMPLIED-->

<!ELEMENT cfm-route-owner (#PCDATA)>

<!ELEMENT cfm-route-prefix (#PCDATA)>

<!ELEMENT cfm-route-socket-message-add (#PCDATA)>

<!ELEMENT cfm-route-socket-message-change (#PCDATA)>

<!ELEMENT cfm-route-socket-message-counters (cfm-route-socket-message-type |
cfm-route-socket-message-add | cfm-route-socket-message-change |
cfm-route-socket-message-delete)*>

<!ELEMENT cfm-route-socket-message-delete (#PCDATA)>

<!ELEMENT cfm-route-socket-message-type (#PCDATA)>

<!ELEMENT cfm-route-statistics (#PCDATA)>

<!ELEMENT cfm-route-table-index (#PCDATA)>

<!ELEMENT cfm-session-count (#PCDATA)>

<!ELEMENT cfm-session-created-count (#PCDATA)>

<!--ATTLIST cfm-session-defect-description junos:style CDATA #IMPLIED-->

<!ELEMENT cfm-session-defect-type (#PCDATA)>

<!--ATTLIST cfm-session-deleted-count junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-session-freed-count junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-shared-interface-filters junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-token-based-forwarding junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-total-ccm-sent junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-total-ltm-received junos:style CDATA #IMPLIED-->

<!--ATTLIST cfm-total-ltm-sent junos:style CDATA #IMPLIED-->
```

```

<!ELEMENT cfm-total-ltr-received (#PCDATA)>

<!ELEMENT cfm-total-ltr-sent (#PCDATA)>

<!ELEMENT cfm-transmit-interface-information (cfm-interface-name |
cfm-instance-name | cfm-route-maintenance-domain-level)*>
<!ATTLIST cfm-transmit-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT cfm-transmit-route-prefix (#PCDATA)>

<!ELEMENT cfm-vpls (#PCDATA)>

<!ELEMENT cfm-weighted-average-oneway-bkwd-delay-variation (#PCDATA)>

<!ELEMENT cfm-weighted-average-oneway-fwd-delay-variation (#PCDATA)>

<!ELEMENT cfm-weighted-average-twoway-delay (#PCDATA)>

<!ELEMENT cfm-weighted-average-twoway-delay-variation (#PCDATA)>

<!ELEMENT cfmd-clear-continuity-measurement (#PCDATA)>

<!ELEMENT cfmd-clear-delay-statistics (#PCDATA)>

<!ELEMENT cfmd-clear-iterator-statistics (#PCDATA)>

<!ELEMENT cfmd-clear-loss-statistics (#PCDATA)>

<!ELEMENT cfmd-clear-path-database (#PCDATA)>

<!ELEMENT cfmd-clear-policer-statistics (#PCDATA)>

<!ELEMENT cfmd-clear-statistics (#PCDATA)>

<!ELEMENT cfmd-internal-state (cfm-session-count | cfm-session-created-count |
cfm-session-deleted-count | cfm-session-freed-count | cfm-vpls |
cfm-token-based-forwarding | cfm-forwarding-table-filtering-simulation |
cfm-hardware-assist-flooding | cfm-gres-flood-resynchronization |
cfm-shared-interface-filters | cfm-hw-timestamping |
cfm-mark-connection-protection-tlv | cfm-ppmd-connection-state |
cfm-ppmd-flow-state | cfm-ppmd-job-state | cfm-ppmd-blocked-count |
cfm-dfwd-connection-state | cfm-dfwd-reconnect-count | cfm-dfwd-requests-sent |
cfm-dfwd-requests-accepted | cfm-dfwd-requests-rejected | cfm-dfwd-requests-lost
| cfm-dfwd-pending-transactions | cfm-dfwd-policer-instance-info)*>

```


CHAPTER 27

DTD for Chassis Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-chassis.dtd`, which lists the Junos XML tags that contain information about chassis. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-chassis.dtd -->

<!ELEMENT ac-actual-feed (#PCDATA)>

<!ELEMENT ac-expect-feed (#PCDATA)>

<!ELEMENT ac-input (#PCDATA)>

<!ELEMENT ac-input-detail (ac-input | ac-expect-feed | ac-actual-feed)*>

<!ELEMENT activate-count (#PCDATA)>

<!ELEMENT active-led EMPTY>

<!ELEMENT active-time (#PCDATA)>
<ATTLIST active-time junos:seconds CDATA #IMPLIED>

<!ELEMENT activity-led (#PCDATA)>

<!ELEMENT actual-power-used (#PCDATA)>

<!ELEMENT actual-voltage (#PCDATA)>

<!ELEMENT address (#PCDATA)>

<!ELEMENT airflow (#PCDATA)>

<!ELEMENT airflow-direction (airflow | direction)*>

<!ELEMENT alarm-indicators (red-led | yellow-led | major-alarm-relay |
minor-alarm-relay)*>

<!ELEMENT altitude (#PCDATA)>
<ATTLIST altitude junos:format CDATA #IMPLIED>

<!ELEMENT amber-led EMPTY>
```

```
<!ELEMENT asic-information (#PCDATA)>
<!ELEMENT asic-name (#PCDATA)>
<!ELEMENT asic-type (#PCDATA)>
<!ELEMENT assembly-flags (#PCDATA)>
<!ELEMENT assembly-identifier (#PCDATA)>
<!ELEMENT assembly-version (#PCDATA)>
<!ELEMENT automatic-switching (#PCDATA)>
<!ELEMENT bad-fan-red-alarm (#PCDATA)>
<ATTLIST bad-fan-red-alarm junos:celsius CDATA #IMPLIED>
<!ELEMENT bad-fan-yellow-alarm (#PCDATA)>
<ATTLIST bad-fan-yellow-alarm junos:celsius CDATA #IMPLIED>
<!ELEMENT base-power (#PCDATA)>
<!ELEMENT bios-date (#PCDATA)>
<!ELEMENT bios-id (#PCDATA)>
<!ELEMENT bios-version (#PCDATA)>
<!ELEMENT blink-led EMPTY>
<!ELEMENT blue-led EMPTY>
<!ELEMENT board-information-record (#PCDATA)>
<!ELEMENT building (#PCDATA)>
<!ELEMENT bus-revision (#PCDATA)>
<!ELEMENT cable-type (#PCDATA)>
<!ELEMENT capacity-actual (#PCDATA)>
<!ELEMENT capacity-actual-usage (#PCDATA)>
<!ELEMENT capacity-allocated (#PCDATA)>
<!ELEMENT capacity-load (#PCDATA)>
<!ELEMENT capacity-max (#PCDATA)>
<!ELEMENT capacity-remaining (#PCDATA)>
<!ELEMENT capacity-sys-actual (#PCDATA)>
<!ELEMENT capacity-sys-max (#PCDATA)>
<!ELEMENT capacity-sys-remaining (#PCDATA)>
<!ELEMENT card-detail (#PCDATA)>
<!ELEMENT card-pos (#PCDATA)>
```

```

<!ELEMENT card-slot (#PCDATA)>

<!ELEMENT card-slot-num (#PCDATA)>

<!ELEMENT card-type (#PCDATA)>

<!ELEMENT cb (slot | amber-led | green-led | blue-led)*>

<!ELEMENT cb-panel (cb)*>

<!ELEMENT cb-slot (#PCDATA)>

<!ELEMENT cfm-ok-fail-led (red-led | yellow-led | amber-led)*>

<!ELEMENT cfm-service-led (red-led | yellow-led | amber-led)*>

<!ELEMENT chassis (hardware-incomplete | name | version | part-number |
serial-number | model-number | clei-code | description | i2c-information |
chassis-module)*>
<!ATTLIST chassis junos:style CDATA #IMPLIED>

<!ELEMENT chassis-fabric-card-information-internal (card-pos | card-slot |
card-type | management-status | hw-status | min-chip-id | max-chip-id)*>

<!ELEMENT chassis-fabric-ccpc-incoming-links-header (card-detail | card-slot-num)*>

<!ELEMENT chassis-fabric-ccpc-outgoing-links-header (card-detail | card-slot-num)*>

<!ELEMENT chassis-fabric-chip-down-links-internal (src-chip | src-port | dst-chip
| dst-port)*>

<!ELEMENT chassis-fabric-chip-error-links-internal (src-chip | src-port | dst-chip
| dst-port)*>

<!ELEMENT chassis-fabric-chip-in-links-internal (src-chip | src-port | dst-chip
| dst-port | management-status | hw-status)*>

<!ELEMENT chassis-fabric-chip-information-internal (chip-id | chip-type |
management-status | hw-status)*>

<!ELEMENT chassis-fabric-chip-out-links-internal (src-chip | src-port | dst-chip
| dst-port | management-status | hw-status)*>

<!ELEMENT chassis-fabric-chip-up-links-internal (src-chip | src-port | dst-chip
| dst-port)*>

<!ELEMENT chassis-fabric-information (serial-id | chassis-type | management-status
| hw-status | chassis-fabric-links-header |
chassis-fabric-ccpc-incoming-links-header |
chassis-fabric-ccpc-outgoing-links-header |
chassis-fabric-tor-incoming-links-header | chassis-fabric-tor-outgoing-links-header
| chassis-fabric-links | chassis-fabric-information-internal |
chassis-fabric-card-information-internal | chassis-fabric-chip-information-internal
| chassis-fabric-chip-in-links-internal | chassis-fabric-chip-out-links-internal
| chassis-fabric-chip-up-links-internal | chassis-fabric-chip-down-links-internal
| chassis-fabric-chip-error-links-internal)*>

<!ELEMENT chassis-fabric-information-device (serial-id | chassis-type |
management-status | hw-status | chassis-fabric-information-internal)*>

```

```
<!ELEMENT chassis-fabric-information-internal (chassis-id | min-chip-id |
max-chip-id)*>

<!ELEMENT chassis-fabric-links (src-link | dst-link | hw-status)*>

<!ELEMENT chassis-fabric-links-header (fm-space-tab)*>

<!ELEMENT chassis-fabric-spray-weight-card-information (card-pos | card-slot |
card-type)*>

<!ELEMENT chassis-fabric-spray-weight-chip-information (chip-num | chip-type)*>

<!ELEMENT chassis-fabric-spray-weight-chip-information-internal (chip-id |
chip-type)*>

<!ELEMENT chassis-fabric-spray-weight-cumulative (vpfe-id | spray-cumulative-weight
| spray-max-links-to-destination | spray-destination-mask)*>

<!ELEMENT chassis-fabric-spray-weight-information (serial-id | chassis-type |
chassis-fabric-spray-weight-card-information |
chassis-fabric-spray-weight-chip-information |
chassis-fabric-spray-weight-cumulative | chassis-fabric-information-internal |
chassis-fabric-spray-weight-chip-information-internal)*>

<!ELEMENT chassis-fabric-tor-incoming-links-header (fm-space-tab)*>

<!ELEMENT chassis-fabric-tor-outgoing-links-header (fm-space-tab)*>

<!ELEMENT chassis-id (#PCDATA)>

<!ELEMENT chassis-inventory (chassis)*>

<!ELEMENT chassis-location (chassis-location-information)*>

<!ELEMENT chassis-location-fpc (chassis-location-fpc-information)*>

<!ELEMENT chassis-location-fpc-information (global-fpc-number | lcc-number |
local-fpc-number)*>

<!ELEMENT chassis-location-information (country-code | postal-code | npa-nxx |
latitude | longitude | altitude | lata | vcoord | hcoord | building | floor |
rack)*>

<!ELEMENT chassis-module (name | version | part-number | serial-number |
model-number | clei-code | description | i2c-information | firmware |
chassis-sub-module | chassis-re-disk-module | chassis-re-usb-module |
chassis-re-dimm-module)*>

<!ELEMENT chassis-re-dimm-module (name | part-number | die-rev | pcb-rev |
mfr-id)*>

<!ELEMENT chassis-re-disk-module (name | model | serial-number | disk-size |
description)*>

<!ELEMENT chassis-re-usb-module (name | product | product-number | vendor |
description)*>

<!ELEMENT chassis-sub-module (name | version | part-number | serial-number |
model-number | clei-code | description | i2c-information | firmware |
chassis-sub-sub-module)*>
```

```

<!ELEMENT chassis-sub-sub-module (name | version | part-number | serial-number |
model-number | clei-code | description | chassis-sub-sub-sub-module)*>

<!ELEMENT chassis-sub-sub-sub-module (name | version | part-number | serial-number
| model-number | clei-code | description)*>

<!ELEMENT chassis-type (#PCDATA)>

<!ELEMENT chassis-zones-information (name | temperature | zone-status | comment
| fan-missing-cnt | fan-failed-cnt | fan-dutycycle | fru-name | cooling-fru-name
| fru-temp-status | fru-fan-status | fru-status | fru-temperature | fru-comment
| cooled-frus | cooling-frus)*>

<!ELEMENT chassisd-database-memory-usage (database-memory-usage)*>

<!ELEMENT chip-id (#PCDATA)>

<!ELEMENT chip-num (#PCDATA)>

<!ELEMENT chip-type (#PCDATA)>

<!ELEMENT class (#PCDATA)>

<!ELEMENT clei-code (#PCDATA)>

<!ELEMENT clock-fru (#PCDATA)>

<!ELEMENT clock-state (#PCDATA)>

<!ELEMENT clock-synchronization (clock-fru | mastership-state | signal-type |
switching-mode | line-termination | transmit | validation-interval |
automatic-switching | marked-as-failed-source-list | synchronization-source-list)*>

<!ELEMENT clock-synchronization-information (clock-synchronization)*>

<!ELEMENT cmb-revision (#PCDATA)>

<!ELEMENT comment (#PCDATA)>

<!ELEMENT configured-mode (#PCDATA)>

<!ELEMENT configured-source (source-priority | source-name | deviation |
last-deviation | status)*>

<!ELEMENT configured-source-list (configured-source)*>

<!ELEMENT connected-fpcs (#PCDATA)>
<!--ATTLIST connected-fpcs junos:format CDATA #IMPLIED-->

<!ELEMENT connectivity-led0 (#PCDATA)>

<!ELEMENT connectivity-led1 (#PCDATA)>

<!ELEMENT connectivity-led2 (#PCDATA)>

<!ELEMENT connectivity-led3 (#PCDATA)>

<!ELEMENT connectivity-led4 (#PCDATA)>

<!ELEMENT connectivity-led5 (#PCDATA)>

```

```
<!ELEMENT control-plane-cpu-count (#PCDATA)>

<!ELEMENT controller-asterisk (#PCDATA)>

<!ELEMENT controller-firmware-available (#PCDATA)>

<!ELEMENT controller-guardband (#PCDATA)>

<!ELEMENT controller-information (controller-number | controller-firmware-available
| controller-maxpower | controller-power | controller-asterisk |
controller-guardband | controller-management | controller-status)*>

<!ELEMENT controller-management (#PCDATA)>

<!ELEMENT controller-maxpower (#PCDATA)>

<!ELEMENT controller-number (#PCDATA)>

<!ELEMENT controller-power (#PCDATA)>

<!ELEMENT controller-status (#PCDATA)>

<!ELEMENT cooled-frus (#PCDATA)>

<!ELEMENT cooling-fru-name (#PCDATA)>

<!ELEMENT cooling-frus (#PCDATA)>

<!ELEMENT country-code (#PCDATA)>

<!ELEMENT cpu-background (#PCDATA)>

<!ELEMENT cpu-idle (#PCDATA)>

<!ELEMENT cpu-interrupt (#PCDATA)>

<!ELEMENT cpu-less-info-str (#PCDATA)>

<!ELEMENT cpu-real-time (#PCDATA)>

<!ELEMENT cpu-rom-version (#PCDATA)>

<!ELEMENT cpu-sw-version (#PCDATA)>

<!ELEMENT cpu-system (#PCDATA)>

<!ELEMENT cpu-temperature (#PCDATA)>

<!ELEMENT cpu-total (#PCDATA)>

<!ELEMENT cpu-total-rt (#PCDATA)>

<!ELEMENT cpu-total-ukern (#PCDATA)>

<!ELEMENT cpu-user (#PCDATA)>

<!ELEMENT craft-information (front-panel | recb-panel | mcs-panel | sfm-panel |
pcg-panel | cb-panel | sib-panel | scg-panel | feb-panel | power-supply-panel |
fan-tray-panel | output)*>

<!ELEMENT current-source (clock-state | up-time | active-time | deviation |
```

```

last-deviation)*>

<!ELEMENT data (#PCDATA)>

<!ELEMENT data-plane-cpu-count (#PCDATA)>

<!ELEMENT database-allocated-size (#PCDATA)>

<!ELEMENT database-free-size (#PCDATA)>

<!ELEMENT database-memory-usage (database-size | database-allocated-size |
database-free-size)*>

<!ELEMENT database-size (#PCDATA)>

<!ELEMENT dc-actual-feed (#PCDATA)>

<!ELEMENT dc-current (#PCDATA)>

<!ELEMENT dc-current-string (#PCDATA)>

<!ELEMENT dc-detail (dc-device | dc-voltage | dc-current | dc-power | dc-load)*>

<!ELEMENT dc-detail2 (dc-device2 | dc-voltage-string | dc-current-string |
dc-power-string | dc-load-string)*>

<!ELEMENT dc-device (#PCDATA)>

<!ELEMENT dc-device2 (#PCDATA)>

<!ELEMENT dc-expect-feed (#PCDATA)>

<!ELEMENT dc-information (dc-input | dc-output | dc-detail | dc-detail2)*>

<!ELEMENT dc-input (#PCDATA)>

<!ELEMENT dc-input-detail (dc-input | reference-voltage | actual-voltage |
dc-expect-feed | dc-actual-feed)*>

<!ELEMENT dc-load (#PCDATA)>

<!ELEMENT dc-load-string (#PCDATA)>

<!ELEMENT dc-output (#PCDATA)>

<!ELEMENT dc-output-detail (dc-voltage | dc-current | dc-power | dc-load | zone)*>

<!ELEMENT dc-power (#PCDATA)>

<!ELEMENT dc-power-string (#PCDATA)>

<!ELEMENT dc-voltage (#PCDATA)>

<!ELEMENT dc-voltage-string (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT dest-pfe-xc-link (#PCDATA)>

<!ELEMENT destination-error (#PCDATA)>

```

```
<!ELEMENT deviation (#PCDATA)>

<!ELEMENT die-rev (#PCDATA)>

<!ELEMENT direction (#PCDATA)>

<!ELEMENT disk-size (#PCDATA)>

<!ELEMENT display-line (#PCDATA)>

<!ELEMENT display-panel (display-line)*>

<!ELEMENT display-panel-lcd (display-row-1 | display-row-2)*>

<!ELEMENT display-row-1 (#PCDATA)>

<!ELEMENT display-row-2 (#PCDATA)>

<!ELEMENT dst-chip (#PCDATA)>

<!ELEMENT dst-link (#PCDATA)>

<!ELEMENT dst-port (#PCDATA)>

<!ELEMENT eeprom-version (#PCDATA)>

<!ELEMENT environment-component-information (environment-component-item)*>

<!ELEMENT environment-component-item (name | state | temperature-reading |
bus-revision | cmb-revision | fpga-revision | fpga-revision-detail | slave-revision
| reason | revision | slave-registers-information | fpga-registers |
power-information | frequency | pcg-frequency | dc-information | load | ac-input
| airflow-direction | input-voltage | output-detail)*>

<!ELEMENT environment-information (environment-item)*>

<!ELEMENT environment-item (class | name | status | temperature | comment)*>

<!ELEMENT error-code (#PCDATA)>

<!ELEMENT even-odd (#PCDATA)>

<!ELEMENT exhaust-a-temperature (#PCDATA)>

<!ELEMENT exhaust-b-temperature (#PCDATA)>

<!ELEMENT exhaust-temperature (#PCDATA)>

<!ELEMENT f13-slot (#PCDATA)>

<!ELEMENT f2-link-state (#PCDATA)>

<!ELEMENT fabric-header (#PCDATA)>

<!ELEMENT fabric-plane-number (#PCDATA)>

<!ELEMENT fabric-plane-status (#PCDATA)>

<!ELEMENT fail-led EMPTY>

<!ELEMENT failover-count (#PCDATA)>
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<!ELEMENT fan-dutycycle (#PCDATA)>

<!ELEMENT fan-failed-cnt (#PCDATA)>

<!ELEMENT fan-high-speed (#PCDATA)>
<ATTLIST fan-high-speed junos:celsius CDATA #IMPLIED>

<!ELEMENT fan-information (name | status | rpm | comment | fan-information-item)*>

<!ELEMENT fan-information-item (#PCDATA)>

<!ELEMENT fan-missing-cnt (#PCDATA)>

<!ELEMENT fan-normal-speed (#PCDATA)>
<ATTLIST fan-normal-speed junos:celsius CDATA #IMPLIED>

<!ELEMENT fan-tray (slot | red-led | green-led)*>

<!ELEMENT fan-tray-panel (fan-tray)*>

<!ELEMENT fchip-id (#PCDATA)>

<!ELEMENT feb (slot | ok-led | fail-led | active-led)*>

<!ELEMENT feb-active-led (#PCDATA)>

<!ELEMENT feb-fail-led (#PCDATA)>

<!ELEMENT feb-harderror-state (#PCDATA)>

<!ELEMENT feb-led (feb-slot | feb-state | feb-ok-led | feb-fail-led |
feb-active-led | connectivity-led0 | connectivity-led1 | connectivity-led2 |
connectivity-led3 | connectivity-led4 | connectivity-led5)*>

<!ELEMENT feb-led-information (feb-led)*>

<!ELEMENT feb-ok-led (#PCDATA)>

<!ELEMENT feb-panel (feb)*>

<!ELEMENT feb-redundancy-autofailover (#PCDATA)>

<!ELEMENT feb-redundancy-error-information (feb-redundancy-group-errors)*>

<!ELEMENT feb-redundancy-group-description (#PCDATA)>

<!ELEMENT feb-redundancy-group-errors (feb-redundancy-group-name |
feb-redundancy-group-description | feb-redundancy-group-feb-errors)*>

<!ELEMENT feb-redundancy-group-feb-errors (feb-slot | feb-state |
feb-harderror-state | feb-redundancy-group-feb-fpc-errors |
feb-redundancy-group-feb-fabric-plane-errors)*>

<!ELEMENT feb-redundancy-group-feb-fabric-plane-errors (fabric-plane-number |
fabric-plane-status)*>

<!ELEMENT feb-redundancy-group-feb-fpc-errors (fpc-slot | fpc-link-status)*>

<!ELEMENT feb-redundancy-group-information (feb-redundancy-group-name |
feb-redundancy-group-description | feb-redundancy-group-information-item |

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feb-redundancy-autofailover | feb-redundancy-switch-reason)*>

<!ELEMENT feb-redundancy-group-information-item (feb-slot | feb-state |
redundancy-priority | connected-fpcs | redundancy-state |
redundancy-state-description)*>

<!ELEMENT feb-redundancy-group-name (#PCDATA)>

<!ELEMENT feb-redundancy-information (feb-redundancy-group-information)*>

<!ELEMENT feb-redundancy-switch-reason (#PCDATA)>

<!ELEMENT feb-slot (#PCDATA)>

<!ELEMENT feb-state (#PCDATA)>

<!ELEMENT fiber-mode (#PCDATA)>

<!ELEMENT firmware (type | firmware-version)*>

<!ELEMENT firmware-action (#PCDATA)>

<!ELEMENT firmware-information (chassis)*>

<!ELEMENT firmware-name (#PCDATA)>

<!ELEMENT firmware-revision (#PCDATA)>

<!ELEMENT firmware-revision-available (#PCDATA)>

<!ELEMENT firmware-status (#PCDATA)>

<!ELEMENT firmware-tag (#PCDATA)>

<!ELEMENT firmware-type (#PCDATA)>

<!ELEMENT firmware-version (#PCDATA)>

<!ELEMENT firmware-version-mismatch (routing-engine-software-version |
jfirmware-version)*>

<!ELEMENT floor (#PCDATA)>

<!ELEMENT fm-first-error-detail (#PCDATA)>

<!ELEMENT fm-first-error-ln (fm-first-error-time | fm-first-error-detail)*>

<!ELEMENT fm-first-error-time (#PCDATA)>
<!ATTLIST fm-first-error-time junos:seconds CDATA #IMPLIED>

<!ELEMENT fm-fpc-ln (slot | fm-pfe-ln)*>

<!ELEMENT fm-fpc-state-information (fm-fpc-ln)*>
<!ATTLIST fm-fpc-state-information junos:style CDATA #IMPLIED>

<!ELEMENT fm-fru-errors (fm-fru-first-error-header | fm-fru-last-error-header |
fm-first-error-ln | fm-last-error-ln)*>
<!ATTLIST fm-fru-errors junos:style CDATA #IMPLIED>

<!ELEMENT fm-fru-first-error-header (#PCDATA)>
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<!ELEMENT fm-fru-last-error-header (#PCDATA)>

<!ELEMENT fm-last-error-detail (#PCDATA)>

<!ELEMENT fm-last-error-ln (fm-last-error-time | fm-last-error-detail)*>

<!ELEMENT fm-last-error-time (#PCDATA)>
<!ATTLIST fm-last-error-time junos:seconds CDATA #IMPLIED>

<!ELEMENT fm-pfe-ln (pfe-slot | fm-sib-ln | fm-plane-ln)*>

<!ELEMENT fm-plane-ln (plane-slot | plane-fm-state)*>

<!ELEMENT fm-plane-location (plane-slot | cb-slot | plane | sib-f13-slot |
sib-f2-slot | sib-l-slot)*>

<!ELEMENT fm-plane-location-information (fm-plane-location)*>

<!ELEMENT fm-plane-state-information (fabric-header | fmp-plane)*>
<!ATTLIST fm-plane-state-information junos:style CDATA #IMPLIED>

<!ELEMENT fm-sib-ln (sib-slot | sib-fm-state)*>

<!ELEMENT fm-sib-state-information (fms-sib-ln)*>
<!ATTLIST fm-sib-state-information junos:style CDATA #IMPLIED>

<!ELEMENT fm-space-tab (#PCDATA)>

<!ELEMENT fm-state-information (fm-state-item)*>

<!ELEMENT fm-state-item (plane-slot | state | up-time)*>

<!ELEMENT fm-topo-dbl-line (#PCDATA)>

<!ELEMENT fm-topo-fail-msg (#PCDATA)>

<!ELEMENT fm-topo-link (fm-topo-sib | fm-topo-dbl-line | fm-topo-fail-msg |
fm-topo-link-details | fm-topo-link-information | fm-topo-link-information-sgl)*>
<!ATTLIST fm-topo-link junos:style CDATA #IMPLIED>

<!ELEMENT fm-topo-link-des (fm-topo-link-des-in | fm-topo-link-des-out |
hs12-state-des)*>

<!ELEMENT fm-topo-link-des-in (#PCDATA)>

<!ELEMENT fm-topo-link-des-out (#PCDATA)>

<!ELEMENT fm-topo-link-details (fm-topo-link-type | fm-topo-sib-source |
fm-topo-sib-dest | source-pfe-xc-link | dest-pfe-xc-link | vcse1-status |
hs12-channel | hs12-status | fm-topo-link-in-out | fm-topo-link-details-head-lcc
| fm-topo-link-details-lcc | fm-topo-link-details-head-sfc |
fm-topo-link-details-sfc)*>

<!ELEMENT fm-topo-link-details-head-lcc (fm-topo-sib-source | fm-topo-sib-dest)*>

<!ELEMENT fm-topo-link-details-head-sfc (fm-topo-sib-source | fm-topo-sib-dest)*>

<!ELEMENT fm-topo-link-details-lcc (source-pfe-xc-link | dest-pfe-xc-link |
vcse1-status | hs12-channel | hs12-status)*>

<!ELEMENT fm-topo-link-details-sfc (source-pfe-xc-link | dest-pfe-xc-link |

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vcse1-status | hsl2-channel | hsl2-status)*>

<!ELEMENT fm-topo-link-fail (fm-topo-sib | fm-topo-fail-msg)*>

<!ELEMENT fm-topo-link-fail-sgl (fm-topo-sib | fm-topo-fail-msg)*>

<!ELEMENT fm-topo-link-in-out (fm-topo-link-type)*>

<!ELEMENT fm-topo-link-information (fm-topo-sib | fm-topo-dbl-line |
fm-topo-link-fail | fm-topo-link-details)*>

<!ELEMENT fm-topo-link-information-sgl (fm-topo-link-fail-sgl |
fm-topo-link-details)*>

<!ELEMENT fm-topo-link-msg (#PCDATA)>

<!ELEMENT fm-topo-link-src (fm-topo-link-src-in | fm-topo-link-src-out |
hsl2-state-src)*>

<!ELEMENT fm-topo-link-src-des (fm-topo-link-msg | fm-topo-link-src |
fm-topo-link-des)*>

<!ELEMENT fm-topo-link-src-in (#PCDATA)>

<!ELEMENT fm-topo-link-src-out (#PCDATA)>

<!ELEMENT fm-topo-link-type (#PCDATA)>

<!ELEMENT fm-topo-sib (#PCDATA)>

<!ELEMENT fm-topo-sib-dest (#PCDATA)>

<!ELEMENT fm-topo-sib-source (#PCDATA)>

<!ELEMENT fm-topology (fm-topo-link-src-des | fm-topo-link)*>

<!ELEMENT fmp-plane (slot | state | up-time | comment | sib-name | sib-f13-name
| sib-f2-name | sibs-slot | sibs2-slot | plane-state | even-odd | sib1-slot |
lcc-slot | f13-slot | sib1-link-state | sgasic-number | sgasic-port-number |
sgasic-port-link-state | lcc-sgasic-number | lcc-sgasic-port-number |
lcc-sgasic-port-link-state | f2-link-state | lcc-pfe-slot | lcc-fpc-slot |
lcc-pfe-link-state | lcc-sib-link-state | fru-name | fru-slot | pfe-slot |
pfe-link-status)*>

<!ELEMENT fms-fpc-ln (slot | fms-pfe-ln)*>

<!ELEMENT fms-lcc-link-state (#PCDATA)>

<!ELEMENT fms-lcc-ln (lcc-slot | fms-lcc-link-state)*>

<!ELEMENT fms-pfe-link-state (#PCDATA)>

<!ELEMENT fms-pfe-ln (pfe-slot | fms-pfe-link-state)*>

<!ELEMENT fms-scc-link-state (#PCDATA)>

<!ELEMENT fms-scc-ln (fms-scc-link-state)*>

<!ELEMENT fms-sib-ln (sib-slot | sib-fm-state | fms-fpc-ln | fms-lcc-ln |
fms-scc-ln)*>
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<!ELEMENT fpc (slot | logical-slot | state | description | error-code | temperature
| cpu-total | cpu-interrupt | cpu-less-info-str | memory-dram-size |
memory-sram-size | memory-sdram-size | memory-rl dram-size | memory-ddr-dram-size
| memory-notification-sdram-size | memory-heap-utilization |
memory-buffer-utilization | asic-information | start-time | up-time | comment |
pic | pic-detail | max-power-consumption | red-led | green-led)*>

<!ELEMENT fpc-feb-connectivity (fpc-feb-connectivity-item)*>

<!ELEMENT fpc-feb-connectivity-item (fpc-slot | fpc-type | fpc-state | feb-slot
| no-feb-slot | feb-state | fpc-link-status)*>

<!ELEMENT fpc-firmware-version (#PCDATA)>

<!ELEMENT fpc-information (fpc | fpc-slot | fpc-power-limit | fpc-priority |
fpc-power | fpc-status | fpc-firmware-version)*>
<!ATTLIST fpc-information junos:style CDATA #IMPLIED>

<!ELEMENT fpc-link-status (#PCDATA)>

<!ELEMENT fpc-number (#PCDATA)>

<!ELEMENT fpc-panel (fpc)*>

<!ELEMENT fpc-power (#PCDATA)>

<!ELEMENT fpc-power-limit (#PCDATA)>

<!ELEMENT fpc-priority (#PCDATA)>

<!ELEMENT fpc-slot (#PCDATA)>

<!ELEMENT fpc-state (#PCDATA)>

<!ELEMENT fpc-status (#PCDATA)>

<!ELEMENT fpc-type (#PCDATA)>

<!ELEMENT fpga-registers (fpga-registers-name | fpga-registers-value)*>

<!ELEMENT fpga-registers-name (#PCDATA)>

<!ELEMENT fpga-registers-value (#PCDATA)>

<!ELEMENT fpga-revision (#PCDATA)>

<!ELEMENT fpga-revision-detail (fpga-revision-name | fpga-revision-value)*>

<!ELEMENT fpga-revision-name (#PCDATA)>

<!ELEMENT fpga-revision-value (#PCDATA)>

<!ELEMENT frequency (#PCDATA)>

<!ELEMENT front-panel (display-panel | re-panel | alarm-indicators | fpc-panel)*>

<!ELEMENT front-panel-lcd (front-panel-title | display-panel-lcd | system-led |
interface-led)*>

<!ELEMENT front-panel-title (name)*>

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<!ELEMENT fru (slot | state | up-time | comment)*>

<!ELEMENT fru-comment (#PCDATA)>

<!ELEMENT fru-fan-status (#PCDATA)>

<!ELEMENT fru-information (fru)*>
<!ATTLIST fru-information junos:style CDATA #IMPLIED>

<!ELEMENT fru-name (#PCDATA)>

<!ELEMENT fru-power-on-sequence (sequence)*>

<!ELEMENT fru-reason (#PCDATA)>

<!ELEMENT fru-slot (#PCDATA)>

<!ELEMENT fru-status (#PCDATA)>

<!ELEMENT fru-temp-status (#PCDATA)>

<!ELEMENT fru-temperature (#PCDATA)>
<!ATTLIST fru-temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT get-craft-information-lcd (front-panel-lcd | front-panel-title |
display-panel-lcd | display-row-1 | display-row-2 | name)*>

<!ELEMENT global-fpc-number (#PCDATA)>

<!ELEMENT green-led EMPTY>

<!ELEMENT ha-led (red-led | yellow-led | amber-led)*>

<!ELEMENT hardware-incomplete EMPTY>

<!ELEMENT hcoord (#PCDATA)>

<!ELEMENT hs12-channel (#PCDATA)>

<!ELEMENT hs12-state-des (#PCDATA)>

<!ELEMENT hs12-state-src (#PCDATA)>

<!ELEMENT hs12-status (#PCDATA)>

<!ELEMENT hw-status (#PCDATA)>

<!ELEMENT i2c-data (#PCDATA)>

<!ELEMENT i2c-identifier (#PCDATA)>

<!ELEMENT i2c-information (jedec-code | eeprom-version | part-number |
serial-number | model-number | clei-code | assembly-identifier | assembly-version
| manufacture-date | assembly-flags | i2c-version | i2c-identifier | i2c-data |
board-information-record)*>

<!ELEMENT i2c-version (#PCDATA)>

<!ELEMENT in-service-upgrade-fru-status (fru-name | fru-status | fru-reason |
in-service-upgrade-pic-status)*>
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<!ELEMENT in-service-upgrade-pic-status (fru-name | fru-status | fru-reason)*>

<!ELEMENT in-service-upgrade-status (in-service-upgrade-fru-status)*>

<!ELEMENT input-voltage (voltage-name | voltage-value)*>

<!ELEMENT intake-temperature (#PCDATA)>

<!ELEMENT interface-asterisk (#PCDATA)>

<!ELEMENT interface-class (#PCDATA)>

<!ELEMENT interface-class-detail (#PCDATA)>

<!ELEMENT interface-detail-asterisk (#PCDATA)>

<!ELEMENT interface-display-title (#PCDATA)>

<!ELEMENT interface-enabled (#PCDATA)>

<!ELEMENT interface-enabled-detail (#PCDATA)>

<!ELEMENT interface-information (interface-name | interface-enabled |
interface-status | interface-power-limit | interface-priority | interface-power
| interface-asterisk | interface-class)*>

<!ELEMENT interface-information-detail (interface-name-detail |
interface-enabled-detail | interface-status-detail | interface-power-limit-detail
| interface-priority-detail | interface-power-detail | interface-detail-asterisk
| interface-class-detail)*>

<!ELEMENT interface-led (interface-display-title | interface-led-display)*>

<!ELEMENT interface-led-display (interface-name | led-status | activity-led)*>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-name-detail (#PCDATA)>

<!ELEMENT interface-power (#PCDATA)>

<!ELEMENT interface-power-detail (#PCDATA)>

<!ELEMENT interface-power-limit (#PCDATA)>

<!ELEMENT interface-power-limit-detail (#PCDATA)>

<!ELEMENT interface-priority (#PCDATA)>

<!ELEMENT interface-priority-detail (#PCDATA)>

<!ELEMENT interface-status (#PCDATA)>

<!ELEMENT interface-status-detail (#PCDATA)>

<!ELEMENT ioc-npc-connectivity (ioc-npc-connectivity-item)*>

<!ELEMENT ioc-npc-connectivity-item (ioc-slot | ioc-type | ioc-state | npc-slot
| no-npc-slot | npc-state | npc-link-status)*>

<!ELEMENT ioc-slot (#PCDATA)>

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<!ELEMENT ioc-state (#PCDATA)>

<!ELEMENT ioc-type (#PCDATA)>

<!ELEMENT jedec-code (#PCDATA)>

<!ELEMENT jfirmware-version (#PCDATA)>

<!ELEMENT last-deviation (#PCDATA)>

<!ELEMENT last-reboot-reason (#PCDATA)>

<!ELEMENT lata (#PCDATA)>

<!ELEMENT latitude (#PCDATA)>

<!ELEMENT lcc (slot | state | up-time | comment)*>

<!ELEMENT lcc-fpc-slot (#PCDATA)>

<!ELEMENT lcc-information (lcc)*>
<!ATTLIST lcc-information junos:style CDATA #IMPLIED>

<!ELEMENT lcc-number (#PCDATA)>

<!ELEMENT lcc-pfe-link-state (#PCDATA)>

<!ELEMENT lcc-pfe-slot (#PCDATA)>

<!ELEMENT lcc-sgasic-number (#PCDATA)>

<!ELEMENT lcc-sgasic-port-link-state (#PCDATA)>

<!ELEMENT lcc-sgasic-port-number (#PCDATA)>

<!ELEMENT lcc-sib-link-state (#PCDATA)>

<!ELEMENT lcc-slot (#PCDATA)>

<!ELEMENT led-status (#PCDATA)>

<!ELEMENT line-card-power (#PCDATA)>

<!ELEMENT line-card-priority (#PCDATA)>

<!ELEMENT line-card-slot (#PCDATA)>

<!ELEMENT line-card-type (#PCDATA)>

<!ELEMENT line-termination (#PCDATA)>

<!ELEMENT load (#PCDATA)>

<!ELEMENT load-average-fifteen (#PCDATA)>

<!ELEMENT load-average-five (#PCDATA)>

<!ELEMENT load-average-one (#PCDATA)>

<!ELEMENT local-fpc-number (#PCDATA)>
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<!ELEMENT logical-slot (#PCDATA)>
<!ELEMENT longitude (#PCDATA)>
<!ELEMENT major-alarm-relay EMPTY>
<!ELEMENT management-status (#PCDATA)>
<!ELEMENT manufacture-date (#PCDATA)>
<!ELEMENT marked-as-failed-source (source-name)*>
<!ELEMENT marked-as-failed-source-list (marked-as-failed-source)*>
<!ELEMENT master-led EMPTY>
<!ELEMENT mastership-priority (#PCDATA)>
<!ELEMENT mastership-state (#PCDATA)>
<!ELEMENT max-chip-id (#PCDATA)>
<!ELEMENT max-power-consumption (#PCDATA)>
<!ELEMENT max-power-exceeded-controller EMPTY>
<!ELEMENT max-power-exceeded-interface EMPTY>
<!ELEMENT mcs (slot | amber-led | green-led | blue-led)*>
<!ELEMENT mcs-panel (mcs)*>
<!ELEMENT memory-buffer-utilization (#PCDATA)>
<!ELEMENT memory-control-plane (#PCDATA)>
<!ELEMENT memory-control-plane-used (#PCDATA)>
<!ELEMENT memory-control-plane-util (#PCDATA)>
<!ELEMENT memory-data-plane (#PCDATA)>
<!ELEMENT memory-data-plane-used (#PCDATA)>
<!ELEMENT memory-data-plane-util (#PCDATA)>
<!ELEMENT memory-ddr-dram-size (#PCDATA)>
<!ELEMENT memory-dram-size (#PCDATA)>
<!ELEMENT memory-heap-utilization (#PCDATA)>
<!ELEMENT memory-notification-sdram-size (#PCDATA)>
<!ELEMENT memory-r1dram-size (#PCDATA)>
<!ELEMENT memory-sdram-size (#PCDATA)>
<!ELEMENT memory-sram-size (#PCDATA)>
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<!ELEMENT memory-system-total (#PCDATA)>

<!ELEMENT memory-system-total-used (#PCDATA)>

<!ELEMENT memory-system-total-util (#PCDATA)>

<!ELEMENT mfr-id (#PCDATA)>

<!ELEMENT min-chip-id (#PCDATA)>

<!ELEMENT minor-alarm-relay EMPTY>

<!ELEMENT model (#PCDATA)>

<!ELEMENT model-number (#PCDATA)>

<!ELEMENT multi-routing-engine-item (re-name | chassis-location-information |
chassisd-database-memory-usage | chassis-inventory | environment-information |
fpc-information | fm-topology | spmb-information | sib-information |
fm-fpc-state-information | fm-sib-state-information | scb-information |
route-engine-information | firmware-information | system-firmware-information |
system-firmware-compatibility-information | power-budget-information)*>

<!ELEMENT multi-routing-engine-results (multi-routing-engine-item)*>

<!ELEMENT name (#PCDATA)>

<!ELEMENT network-services (network-services-information)*>

<!ELEMENT network-services-information (name)*>

<!ELEMENT no-feb-slot EMPTY>

<!ELEMENT no-npc-slot EMPTY>

<!ELEMENT notification-information (fpc-number | notification-status)*>

<!ELEMENT notification-status (#PCDATA)>

<!ELEMENT npa-nxx (#PCDATA)>

<!ELEMENT npc-slot (#PCDATA)>

<!ELEMENT npc-state (#PCDATA)>

<!ELEMENT ok-led EMPTY>

<!ELEMENT output (#PCDATA)>

<!ELEMENT output-current (#PCDATA)>

<!ELEMENT output-detail (output-voltage | output-current)*>

<!ELEMENT output-voltage (#PCDATA)>

<!ELEMENT part-number (#PCDATA)>

<!ELEMENT pcb-rev (#PCDATA)>

<!ELEMENT pcg (slot | amber-led | green-led | blue-led)*>
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<!ELEMENT pcg-frequency (pcg-frequency-setting | pcg-frequency-measurement)*>
<!ELEMENT pcg-frequency-measurement (#PCDATA)>
<!ELEMENT pcg-frequency-setting (#PCDATA)>
<!ELEMENT pcg-panel (pcg)*>
<!ELEMENT pem-capacity-detail (capacity-actual | capacity-max)*>
<!ELEMENT pfe-link-status (#PCDATA)>
<!ELEMENT pfe-slot (#PCDATA)>
<!ELEMENT physical-slot (#PCDATA)>
<!ELEMENT pic (pic-slot | pic-type | pic-state | comment)*>
<!ELEMENT pic-clock-sync (#PCDATA)>
<!ELEMENT pic-detail (slot | pic-slot | pic-type | asic-type | comment |
pic-version | state | cpu-total | cpu-interrupt | memory-buffer-utilization |
memory-heap-utilization | memory-dram-size | cpu-sw-version | cpu-rom-version |
up-time | pic-package | pic-clock-sync | configured-mode | port-information)*>
<!ELEMENT pic-package (#PCDATA)>
<!ELEMENT pic-slot (#PCDATA)>
<!ELEMENT pic-state (#PCDATA)>
<!ELEMENT pic-type (#PCDATA)>
<!ELEMENT pic-version (#PCDATA)>
<!ELEMENT plane (#PCDATA)>
<!ELEMENT plane-fm-state (#PCDATA)>
<!ELEMENT plane-slot (#PCDATA)>
<!ELEMENT plane-state (#PCDATA)>
<!ELEMENT poe (interface-information | interface-information-detail |
notification-information | controller-information | poe-error |
telemetries-information | fpc-information)*>
<!ELEMENT poe-error (max-power-exceeded-interface | max-power-exceeded-controller
| poe-software-upgrade-controller | poe-software-upgrade-reboot)*>
<!ELEMENT poe-software-upgrade-controller EMPTY>
<!ELEMENT poe-software-upgrade-reboot EMPTY>
<!ELEMENT port (port-number | cable-type | fiber-mode | sfp-vendor-name |
sfp-vendor-pno | wavelength)*>
<!ELEMENT port-information (port)*>
<!ELEMENT port-number (#PCDATA)>

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<!ELEMENT postal-code (#PCDATA)>

<!ELEMENT power-available-redundant-case (#PCDATA)>

<!ELEMENT power-budget-information (psu-slot | psu-type | power-supplied-psu |
total-power-supplied | base-power | psu-redundancy-config | line-card-slot |
line-card-type | line-card-power | line-card-priority | actual-power-used |
power-available-redundant-case | total-power-available)*>

<!ELEMENT power-information (power-title | voltage-title | voltage)*>

<!ELEMENT power-management (power-mgmt-device | power-mgmt-low-power |
power-mgmt-high-power | power-mgmt-heat | power-mgmt-state)*>

<!ELEMENT power-management-information (power-management)*>

<!ELEMENT power-mgmt-device (#PCDATA)>

<!ELEMENT power-mgmt-heat (#PCDATA)>

<!ELEMENT power-mgmt-high-power (#PCDATA)>

<!ELEMENT power-mgmt-low-power (#PCDATA)>

<!ELEMENT power-mgmt-state (#PCDATA)>

<!ELEMENT power-state (#PCDATA)>

<!ELEMENT power-supplied-psu (#PCDATA)>

<!ELEMENT power-supply (slot | amber-led | green-led | blue-led)*>

<!ELEMENT power-supply-panel (power-supply)*>

<!ELEMENT power-title (power-type | power-state)*>

<!ELEMENT power-type (#PCDATA)>

<!ELEMENT power-usage-information (capacity-actual | capacity-max |
capacity-allocated | capacity-remaining | capacity-actual-usage | capacity-load
| zone | power-usage-item | power-usage-system)*>

<!ELEMENT power-usage-item (name | status | state | ac-input-detail |
dc-input-detail | dc-output-detail | pem-capacity-detail)*>

<!ELEMENT power-usage-system (power-usage-zone-information | capacity-sys-actual
| capacity-sys-max | capacity-sys-remaining)*>

<!ELEMENT power-usage-zone-information (zone | capacity-actual | capacity-max |
capacity-remaining | capacity-allocated | capacity-actual-usage)*>

<!ELEMENT product (#PCDATA)>

<!ELEMENT product-number (#PCDATA)>

<!ELEMENT psd (slot | description | state | up-time | comment)*>

<!ELEMENT psd-information (psd)*>
<!ATTLIST psd-information junos:style CDATA #IMPLIED>

<!ELEMENT psu-redundancy-config (#PCDATA)>
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<!ELEMENT psu-slot (#PCDATA)>

<!ELEMENT psu-type (#PCDATA)>

<!ELEMENT rack (#PCDATA)>

<!ELEMENT re (slot | ok-led | fail-led | master-led)*>

<!ELEMENT re-name (#PCDATA)>

<!ELEMENT re-panel (re)*>

<!ELEMENT read-register (cb-slot | fchip-id | address | data)*>

<!ELEMENT reason (#PCDATA)>

<!ELEMENT recb-panel (ha-led | sfb-led | cfm-ok-fail-led | cfm-service-led |
sysio-status-led)*>

<!ELEMENT red-alarm (#PCDATA)>
<ATTLIST red-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT red-led EMPTY>

<!ELEMENT redundancy-priority (#PCDATA)>

<!ELEMENT redundancy-state (#PCDATA)>

<!ELEMENT redundancy-state-description (#PCDATA)>

<!ELEMENT reference-voltage (#PCDATA)>

<!ELEMENT reset-count (#PCDATA)>

<!ELEMENT revision (revision-name | revision-number)*>

<!ELEMENT revision-name (#PCDATA)>

<!ELEMENT revision-number (#PCDATA)>

<!ELEMENT route-engine (description | slot | physical-slot | mastership-state |
mastership-priority | status | model | temperature | cpu-temperature |
memory-dram-size | memory-buffer-utilization | memory-system-total |
memory-system-total-used | memory-system-total-util | memory-control-plane |
memory-control-plane-used | memory-control-plane-util | memory-data-plane |
memory-data-plane-used | memory-data-plane-util | control-plane-cpu-count |
data-plane-cpu-count | cpu-user | cpu-real-time | cpu-background | cpu-system |
cpu-interrupt | cpu-idle | serial-number | start-time | up-time |
last-reboot-reason | load-average-one | load-average-five | load-average-fifteen
| bios-version | bios-date | bios-id)*>

<!ELEMENT route-engine-information (route-engine)*>

<!ELEMENT routing-engine-software-version (#PCDATA)>

<!ELEMENT rpm (#PCDATA)>

<!ELEMENT scb (slot | state | failover-count | reset-count | activate-count |
temperature | intake-temperature | exhaust-temperature | exhaust-a-temperature |
exhaust-b-temperature | spp-temperature | spr-temperature | cpu-total |

```

```
cpu-total-ukern | cpu-total-rt | cpu-interrupt | memory-dram-size |
memory-sram-size | memory-rldram-size | memory-ddr-dram-size |
memory-heap-utilization | memory-buffer-utilization | asic-name | asic-information
  | start-time | up-time | comment | max-power-consumption)*>

<!ELEMENT scb-information (scb-type | scb)*>
<!--ATTLIST scb-information junos:style CDATA #IMPLIED-->

<!ELEMENT scb-type (#PCDATA)>

<!ELEMENT scg (slot | amber-led | green-led | blue-led)*>

<!ELEMENT scg-panel (scg)*>

<!ELEMENT sequence (#PCDATA)>

<!ELEMENT serial-id (#PCDATA)>

<!ELEMENT serial-number (#PCDATA)>

<!ELEMENT sfb-led (red-led | yellow-led | amber-led | blink-led)*>

<!ELEMENT sfm (slot | amber-led | green-led | blue-led)*>

<!ELEMENT sfm-panel (sfm)*>

<!ELEMENT sfp-vendor-name (#PCDATA)>

<!ELEMENT sfp-vendor-pno (#PCDATA)>

<!ELEMENT sgasic-number (#PCDATA)>

<!ELEMENT sgasic-port-link-state (#PCDATA)>

<!ELEMENT sgasic-port-number (#PCDATA)>

<!ELEMENT sib (slot | slot-type | state | sib-type | destination-error | up-time
  | comment | ok-led | fail-led | active-led)*>

<!ELEMENT sib-f13-name (#PCDATA)>

<!ELEMENT sib-f13-slot (#PCDATA)>

<!ELEMENT sib-f2-name (#PCDATA)>

<!ELEMENT sib-f2-slot (#PCDATA)>

<!ELEMENT sib-fm-state (#PCDATA)>

<!ELEMENT sib-information (sib | use-cli-info)*>
<!--ATTLIST sib-information junos:style CDATA #IMPLIED-->

<!ELEMENT sib-l-slot (#PCDATA)>

<!ELEMENT sib-name (#PCDATA)>

<!ELEMENT sib-panel (sib)*>

<!ELEMENT sib-slot (#PCDATA)>

<!ELEMENT sib-type (#PCDATA)>
```

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```
<!ELEMENT switching-mode (#PCDATA)>

<!ELEMENT synchronization-source-list (current-source | configured-source-list)*>

<!ELEMENT sysio-status-led (red-led | yellow-led | amber-led | blink-led)*>

<!ELEMENT system-firmware (firmware-name | firmware-type | firmware-tag |
firmware-revision | firmware-revision-available | firmware-status |
system-sub-module-firmware-list)*>

<!ELEMENT system-firmware-compatibility (firmware-name | firmware-type |
firmware-tag | firmware-revision | firmware-revision-available | firmware-status
| firmware-action | system-sub-module-firmware-compatibility-list)*>

<!ELEMENT system-firmware-compatibility-information (firmware-version-mismatch |
system-firmware-compatibility)*>

<!ELEMENT system-firmware-information (system-firmware)*>

<!ELEMENT system-led (system-led-display)*>

<!ELEMENT system-led-display (name | led-status)*>

<!ELEMENT system-sub-module-firmware (firmware-name | firmware-type | firmware-tag
| firmware-revision | firmware-revision-available | firmware-status)*>

<!ELEMENT system-sub-module-firmware-compatibility (firmware-name | firmware-type
| firmware-tag | firmware-revision | firmware-revision-available | firmware-status
| firmware-action)*>

<!ELEMENT system-sub-module-firmware-compatibility-list
(system-sub-module-firmware-compatibility)*>

<!ELEMENT system-sub-module-firmware-list (system-sub-module-firmware)*>

<!ELEMENT telemetries-index (#PCDATA)>

<!ELEMENT telemetries-information (telemetries-index | telemetries-timestamp |
telemetries-power | telemetries-voltage)*>

<!ELEMENT telemetries-power (#PCDATA)>

<!ELEMENT telemetries-timestamp (#PCDATA)>

<!ELEMENT telemetries-voltage (#PCDATA)>

<!ELEMENT temperature (#PCDATA)>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT temperature-name (#PCDATA)>

<!ELEMENT temperature-reading (temperature-name | temperature)*>

<!ELEMENT temperature-threshold (name | fan-normal-speed | fan-high-speed |
yellow-alarm | bad-fan-yellow-alarm | red-alarm | bad-fan-red-alarm |
temperature-threshold-information-item)*>

<!ELEMENT temperature-threshold-information (temperature-threshold)*>
```



```
<!ELEMENT temperature-threshold-information-item (#PCDATA)>

<!ELEMENT total-power-available (#PCDATA)>

<!ELEMENT total-power-supplied (#PCDATA)>

<!ELEMENT transmit (#PCDATA)>

<!ELEMENT type (#PCDATA)>

<!ELEMENT up-time (#PCDATA)>
<ATTLIST up-time junos:seconds CDATA #IMPLIED>

<!ELEMENT use-cli-info (#PCDATA)>

<!ELEMENT validation-interval (#PCDATA)>

<!ELEMENT vcoord (#PCDATA)>

<!ELEMENT vcsel-status (#PCDATA)>

<!ELEMENT vendor (#PCDATA)>

<!ELEMENT version (#PCDATA)>

<!ELEMENT voltage (reference-voltage | actual-voltage)*>

<!ELEMENT voltage-name (#PCDATA)>

<!ELEMENT voltage-title (#PCDATA)>

<!ELEMENT voltage-value (#PCDATA)>

<!ELEMENT vpfe-id (#PCDATA)>

<!ELEMENT wavelength (#PCDATA)>

<!ELEMENT write-register (cb-slot | fchip-id | address | data)*>

<!ELEMENT xf-address (#PCDATA)>

<!ELEMENT xf-data (#PCDATA)>

<!ELEMENT xf-mode (#PCDATA)>

<!ELEMENT xf-read-register (xfchip-id | xf-address | xf-data)*>

<!ELEMENT xf-show-summary (xfchip-id | xf-mode)*>

<!ELEMENT xf-write-register (xfchip-id | xf-address | xf-data)*>

<!ELEMENT xfchip-id (#PCDATA)>

<!ELEMENT yellow-alarm (#PCDATA)>
<ATTLIST yellow-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT yellow-led EMPTY>

<!ELEMENT zone (#PCDATA)>
```

<!ELEMENT zone-status (#PCDATA)>

CHAPTER 28

DTD for Clock Synchronization Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-clksyncd.dtd`, which lists the Junos XML tags that contain information about clock synchronization. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-clksyncd.dtd -->

<!ELEMENT acbc-primary-slot (#PCDATA)>

<!ELEMENT acbc-secondary-slot (#PCDATA)>

<!ELEMENT ack-reply-bitmap (#PCDATA)>

<!ELEMENT agentsmith-dpc-bitmap (#PCDATA)>

<!ELEMENT change-hold-interval (#PCDATA)>

<!ELEMENT clock-failure-reason (#PCDATA)>

<!ELEMENT clock-flags (#PCDATA)>

<!ELEMENT clock-ineligible-reason (#PCDATA)>

<!ELEMENT clock-lock-information (#PCDATA)>

<!ELEMENT clock-mode (#PCDATA)>

<!ELEMENT clock-state (#PCDATA)>

<!ELEMENT clock-status (#PCDATA)>

<!ELEMENT clock-synchronization (clock-status | clock-lock-information |
clock-ineligible-reason | clock-synchronization-source)*>

<!ELEMENT clock-synchronization-clear-output (#PCDATA)>

<!ELEMENT clock-synchronization-cpld-information (cpld-primary-mic |
cpld-secondary-mic)*>

<!ELEMENT clock-synchronization-esmc-transmit (esmc-transmit-interface-name |
```

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esmc-transmit-interface-status)*>
<!ATTLIST clock-synchronization-esmc-transmit junos:style CDATA #IMPLIED>

<!ELEMENT clock-synchronization-esmc-transmit-information
(clock-synchronization-esmc-transmit)*>

<!ELEMENT clock-synchronization-fpga-information (acbc-primary-slot |
acbc-secondary-slot)*>

<!ELEMENT clock-synchronization-gencfg (primary-index | secondary-index |
primary-type | secondary-type | primary-quality-level | secondary-quality-level
| primary-state | secondary-state | clock-flags)*>

<!ELEMENT clock-synchronization-global-information (network-option | clock-mode
| quality-mode | switchover-mode | change-hold-interval | switchover-hold-interval
| reboot-hold-interval | master-status | agentsmith-dpc-bitmap |
zarlink-support-dpc-bitmap | fpga-support-synchronous-ethernet)*>
<!ATTLIST clock-synchronization-global-information junos:style CDATA #IMPLIED>

<!ELEMENT clock-synchronization-interface-name (#PCDATA)>

<!ELEMENT clock-synchronization-interface-statistics
(clock-synchronization-interface-name | interface-receive-esmc-count |
interface-transmit-esmc-count | interface-receive-esmc-drop-count |
interface-esmc-ineligible-drop-count | interface-adjacency-create-count)*>

<!ELEMENT clock-synchronization-ref-monitor (zarlink-fail-bitmap | ack-reply-bitmap
| reference-must-mask | current-event-context | current-sequence-number |
current-reference-index | next-function)*>

<!ELEMENT clock-synchronization-source (source-priority | source-quality-level |
esmc-quality-level | source-interface-name | source-interface-status |
source-interface-index | clock-state | interface-configuration-flags |
interface-flags | source-clock-type | source-clock-event |
interface-ineligible-reason | clock-failure-reason |
interface-hold-interval-expiry)*>
<!ATTLIST clock-synchronization-source junos:style CDATA #IMPLIED>

<!ELEMENT clock-synchronization-statistics
(clock-synchronization-interface-statistics)*>
<!ATTLIST clock-synchronization-statistics junos:style CDATA #IMPLIED>

<!ELEMENT clock-synchronization-zarlink (#PCDATA)>

<!ELEMENT cp1d-primary-mic (#PCDATA)>

<!ELEMENT cp1d-secondary-mic (#PCDATA)>

<!ELEMENT current-event-context (#PCDATA)>

<!ELEMENT current-reference-index (#PCDATA)>

<!ELEMENT current-sequence-number (#PCDATA)>

<!ELEMENT esmc-quality-level (#PCDATA)>

<!ELEMENT esmc-transmit-interface-name (#PCDATA)>

<!ELEMENT esmc-transmit-interface-status (#PCDATA)>

<!ELEMENT fpga-support-synchronous-ethernet (#PCDATA)>
```

```
<!ELEMENT interface-adjacency-create-count (#PCDATA)>
<!ELEMENT interface-configuration-flags (#PCDATA)>
<!ELEMENT interface-esmc-ineligible-drop-count (#PCDATA)>
<!ELEMENT interface-flags (#PCDATA)>
<!ELEMENT interface-hold-interval-expiry (#PCDATA)>
<!ELEMENT interface-ineligible-reason (#PCDATA)>
<!ELEMENT interface-receive-esmc-count (#PCDATA)>
<!ELEMENT interface-receive-esmc-drop-count (#PCDATA)>
<!ELEMENT interface-transmit-esmc-count (#PCDATA)>
<!ELEMENT master-status (#PCDATA)>
<!ELEMENT network-option (#PCDATA)>
<!ELEMENT next-function (#PCDATA)>
<!ELEMENT primary-index (#PCDATA)>
<!ELEMENT primary-quality-level (#PCDATA)>
<!ELEMENT primary-state (#PCDATA)>
<!ELEMENT primary-type (#PCDATA)>
<!ELEMENT quality-mode (#PCDATA)>
<!ELEMENT reboot-hold-interval (#PCDATA)>
<!ELEMENT reference-must-mask (#PCDATA)>
<!ELEMENT secondary-index (#PCDATA)>
<!ELEMENT secondary-quality-level (#PCDATA)>
<!ELEMENT secondary-state (#PCDATA)>
<!ELEMENT secondary-type (#PCDATA)>
<!ELEMENT source-clock-event (#PCDATA)>
<!ELEMENT source-clock-type (#PCDATA)>
<!ELEMENT source-interface-index (#PCDATA)>
<!ELEMENT source-interface-name (#PCDATA)>
<!ELEMENT source-interface-status (#PCDATA)>
<!ELEMENT source-priority (#PCDATA)>
<!ELEMENT source-quality-level (#PCDATA)>
```

```
<!ELEMENT switchover-hold-interval (#PCDATA)>  
<!ELEMENT switchover-mode (#PCDATA)>  
<!ELEMENT zarlink-fail-bitmap (#PCDATA)>  
<!ELEMENT zarlink-support-dpc-bitmap (#PCDATA)>
```

CHAPTER 29

DTD for Class-of-Service Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-cos.dtd`, which lists the Junos XML tags that contain information about CoS. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-cos.dtd -->

<!ELEMENT adaptive-shaper (adaptive-shaper-name | table-index | trigger-item)*>

<!ELEMENT adaptive-shaper-name (#PCDATA)>

<!ELEMENT adaptive-shaping-rate (#PCDATA)>

<!ELEMENT adjusting-application-name (#PCDATA)>

<!ELEMENT adjustment-shape-value (#PCDATA)>

<!ELEMENT adjustment-type (#PCDATA)>

<!ELEMENT adjustment-value (#PCDATA)>

<!ELEMENT alias-map (alias-map-item)*>

<!ELEMENT alias-map-item (code-point-bits | code-point-alias)*>

<!ELEMENT burst-size (#PCDATA)>

<!ELEMENT cell-overhead (#PCDATA)>

<!ELEMENT channel (virtual-channel-name | scheduler-map-name | channel-shaping-rate
| adjustment-shape-value)*>

<!ELEMENT channel-shaping-rate (#PCDATA)>

<!ELEMENT chassis-scheduler-map-index (#PCDATA)>

<!ELEMENT chassis-scheduler-map-name (#PCDATA)>

<!ELEMENT classifier (classifier-name | code-point-type | table-index |
classifier-map)*>

<!ELEMENT classifier-inet-index (#PCDATA)>
```

```
<!ELEMENT classifier-inet-name (#PCDATA)>

<!ELEMENT classifier-inet-type (#PCDATA)>

<!ELEMENT classifier-map (classifier-map-item)*>

<!ELEMENT classifier-map-item (code-point | fc-name | loss-priority |
cntag-present)*>

<!ELEMENT classifier-name (#PCDATA)>

<!ELEMENT classifier-table (table-index | number-of-entries | table-type |
classifier-table-entry)*>

<!ELEMENT classifier-table-entry (table-index | code-point | fc-queue-number |
loss-priority)*>

<!ELEMENT classifier-table-map (table-index | table-type | logical-interface |
logical-interface-index)*>

<!ELEMENT cls-md-map (classifier-inet-name | classifier-inet-type |
classifier-inet-index | multidest-classifier-name | multidest-classifier-type |
multidest-classifier-index)*>

<!ELEMENT cntag-present (#PCDATA)>

<!ELEMENT code-point (#PCDATA)>

<!ELEMENT code-point-alias (#PCDATA)>

<!ELEMENT code-point-bits (#PCDATA)>

<!ELEMENT code-point-map (code-point-type | alias-map)*>

<!ELEMENT code-point-type (#PCDATA)>

<!ELEMENT configured-shaping-rate (#PCDATA)>

<!ELEMENT congestion-notification-id (#PCDATA)>

<!ELEMENT congestion-notification-map (congestion-notification-map-item)*>

<!ELEMENT congestion-notification-map-item (pfc-priority | pfc-enable-state)*>

<!ELEMENT congestion-notification-name (#PCDATA)>

<!ELEMENT congestion-notification-type (#PCDATA)>

<!ELEMENT cos-adaptive-shaper-information (adaptive-shaper)*>

<!ELEMENT cos-classifier-information (classifier)*>

<!ELEMENT cos-classifier-table-information (classifier-table)*>

<!ELEMENT cos-classifier-table-map-information (classifier-table-map)*>

<!ELEMENT cos-code-point-map-information (code-point-map)*>

<!ELEMENT cos-congestion-notification (congestion-notification-type |
congestion-notification-name | congestion-notification-id |
```



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congestion-notification-map)*>

<!ELEMENT cos-congestion-notification-information (cos-congestion-notification)*>

<!ELEMENT cos-drop-profile-information (drop-profile)*>

<!ELEMENT cos-fabric-scheduler-map-information (fabric-scheduler-map)*>

<!ELEMENT cos-fabric-scheduler-map-table-information (fabric-scheduler-map-table)*>

<!ELEMENT cos-forwarding-class-information (fc-map)*>

<!ELEMENT cos-forwarding-class-map-information (fc-map)*>

<!ELEMENT cos-forwarding-class-map-interface-table-information
(forwarding-class-queue-table-map)*>

<!ELEMENT cos-forwarding-class-map-table-information
(forwarding-class-queue-table)*>

<!ELEMENT cos-forwarding-class-set-information (forwarding-class-set)*>

<!ELEMENT cos-fragmentation-map-information (fragmentation-map)*>

<!ELEMENT cos-information (cos-forwarding-class-information |
cos-forwarding-class-map-information | cos-classifier-information |
cos-loss-priority-map-information | cos-drop-profile-information |
cos-rewrite-information | cos-code-point-map-information |
cos-fragmentation-map-information | cos-translation-table-map-information |
cos-multi-destination-information | cos-forwarding-class-set-information)*>

<!ELEMENT cos-interface-information (interface-map)*>

<!ELEMENT cos-interface-set-information (interface-set-map)*>

<!ELEMENT cos-l2tp-session-information (l2tp-session-map)*>

<!ELEMENT cos-loss-priority-map-information (loss-priority-map)*>

<!ELEMENT cos-loss-priority-map-table-binding-information
(loss-priority-map-table-binding)*>

<!ELEMENT cos-loss-priority-map-table-information (loss-priority-map-table)*>

<!ELEMENT cos-multi-destination-information (sm-md-map | fc-md-map | cls-md-map)*>

<!ELEMENT cos-policer-table-map-information (policer-table-map)*>

<!ELEMENT cos-red-information (red)*>

<!ELEMENT cos-rewrite-information (rewrite)*>

<!ELEMENT cos-rewrite-table-information (rewrite-table)*>

<!ELEMENT cos-rewrite-table-map-information (rewrite-table-map)*>

<!ELEMENT cos-routing-instance-information (routing-instance-map)*>

<!ELEMENT cos-scheduler-map-information (scheduler-map)*>

<!ELEMENT cos-scheduler-map-table-information (policy)*>
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<!ELEMENT cos-shaper-table-map-information (shaper-table-map)*>

<!ELEMENT cos-table-information (cos-classifier-table-information |
cos-classifier-table-map-information | cos-loss-priority-map-table-information |
cos-loss-priority-map-table-binding-information |
cos-scheduler-map-table-information | cos-red-information |
cos-rewrite-table-information | cos-rewrite-table-map-information |
cos-policer-table-map-information | cos-shaper-table-map-information)*>

<!ELEMENT cos-traffic-control-profile-information (traffic-control-profile)*>

<!ELEMENT cos-translation-table-information (translation-table)*>

<!ELEMENT cos-translation-table-map-information (translation-table)*>

<!ELEMENT cos-translation-table-mapping-information (translation-table-mapping)*>

<!ELEMENT cos-virtual-channel-group-information (virtual-channel-group)*>

<!ELEMENT cos-virtual-channel-information (virtual-channel)*>

<!ELEMENT delay-buffer-rate (#PCDATA)>

<!ELEMENT dest-fpc-index (#PCDATA)>

<!ELEMENT drop-bps-high (#PCDATA)>

<!ELEMENT drop-bps-low (#PCDATA)>

<!ELEMENT drop-bytes-high (#PCDATA)>

<!ELEMENT drop-bytes-low (#PCDATA)>

<!ELEMENT drop-pkts-high (#PCDATA)>

<!ELEMENT drop-pkts-low (#PCDATA)>

<!ELEMENT drop-pps-high (#PCDATA)>

<!ELEMENT drop-pps-low (#PCDATA)>

<!ELEMENT drop-profile (profile-name | profile-type | table-index | profile-map)*>

<!ELEMENT drop-profile-map-set-type (#PCDATA)>

<!ELEMENT drop-statistics (drop-pkts-high | drop-pkts-low | drop-bytes-high |
drop-bytes-low | drop-pps-high | drop-pps-low | drop-bps-high | drop-bps-low)*>

<!ELEMENT encapsulation-overhead (#PCDATA)>

<!ELEMENT excess-rate (#PCDATA)>

<!ELEMENT fabric-queue-information (fpc-queue-information)*>

<!ELEMENT fabric-scheduler (fabric-scheduler-name | fabric-scheduler-index |
fabric-scheduler-drop-profile-ln-index | fabric-scheduler-drop-profile-ln |
fabric-scheduler-drop-profile-lt-index | fabric-scheduler-drop-profile-lt |
fabric-scheduler-drop-profile-hn-index | fabric-scheduler-drop-profile-hn |
fabric-scheduler-drop-profile-ht-index | fabric-scheduler-drop-profile-ht)*>
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<!ELEMENT fabric-scheduler-drop-profile-hn (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-hn-index (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-ht (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-ht-index (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-ln (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-ln-index (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-lt (#PCDATA)>
<!ELEMENT fabric-scheduler-drop-profile-lt-index (#PCDATA)>
<!ELEMENT fabric-scheduler-index (#PCDATA)>
<!ELEMENT fabric-scheduler-map (fabric-scheduler-priority | fabric-scheduler)*>
<!ELEMENT fabric-scheduler-map-table (fabric-scheduler-priority |
fabric-scheduler-queues | fabric-scheduler-table)*>
<!ELEMENT fabric-scheduler-name (#PCDATA)>
<!ELEMENT fabric-scheduler-priority (#PCDATA)>
<!ELEMENT fabric-scheduler-queues (#PCDATA)>
<!ELEMENT fabric-scheduler-table (fabric-scheduler-index |
fabric-scheduler-drop-profile-hn-index | fabric-scheduler-drop-profile-ln-index
| fabric-scheduler-drop-profile-ht-index |
fabric-scheduler-drop-profile-lt-index)*>
<!ELEMENT fc-map (fc-map-item)*>
<ATTLIST fc-map junos:style CDATA #IMPLIED>
<!ELEMENT fc-map-item (fc-name | fc-number | fc-queue-number | fc-rqueue-number
| fc-priority | fc-policing-priority)*>
<!ELEMENT fc-md-map (fc-name | fc-queue-number)*>
<!ELEMENT fc-name (#PCDATA)>
<!ELEMENT fc-number (#PCDATA)>
<!ELEMENT fc-policing-priority (#PCDATA)>
<!ELEMENT fc-priority (#PCDATA)>
<!ELEMENT fc-queue-number (#PCDATA)>
<!ELEMENT fc-rqueue-number (#PCDATA)>
<!ELEMENT fill-level (#PCDATA)>
<!ELEMENT forwarding-class-map-index (#PCDATA)>
<!ELEMENT forwarding-class-map-name (#PCDATA)>
<!ELEMENT forwarding-class-queue-table (table-index | number-of-entries |

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forwarding-class-queue-table-entry)*>

<!ELEMENT forwarding-class-queue-table-entry (fc-number | fc-queue-number |
fc-rqueue-number)*>

<!ELEMENT forwarding-class-queue-table-map (logical-interface |
logical-interface-index | table-index)*>

<!ELEMENT forwarding-class-set (forwarding-class-set-entry)*>
<!ATTLIST forwarding-class-set junos:style CDATA #IMPLIED>

<!ELEMENT forwarding-class-set-attachment (forwarding-class-set-name | table-index
| output-traffic-control-profile-name | output-traffic-control-profile-index)*>

<!ELEMENT forwarding-class-set-entry (forwarding-class-set-name |
forwarding-class-set-type | forwarding-class-set-index | fc-map)*>

<!ELEMENT forwarding-class-set-index (#PCDATA)>

<!ELEMENT forwarding-class-set-name (#PCDATA)>

<!ELEMENT forwarding-class-set-type (#PCDATA)>

<!ELEMENT fpc-queue-information (dest-fpc-index | src-fpc-index | total-statistics
| tx-statistics | drop-statistics)*>

<!ELEMENT fragment-map (fc-name | fragment-threshold | no-fragmentation |
fragment-multilink-class)*>
<!ATTLIST fragment-map junos:style CDATA #IMPLIED>

<!ELEMENT fragment-multilink-class (#PCDATA)>

<!ELEMENT fragment-threshold (#PCDATA)>

<!ELEMENT fragmentation-map (fragmentation-map-name | fragmentation-map-index |
fragment-map)*>

<!ELEMENT fragmentation-map-index (#PCDATA)>

<!ELEMENT fragmentation-map-name (#PCDATA)>

<!ELEMENT from-code-point (#PCDATA)>

<!ELEMENT guaranteed-rate (#PCDATA)>

<!ELEMENT high-drop-profile-identifier (#PCDATA)>

<!ELEMENT i-logical-index (#PCDATA)>

<!ELEMENT i-logical-map (i-logical-name | i-logical-index |
interface-has-dedicated-queues | i-logical-objects | policer-bandwidth |
policer-burst | shaper-bandwidth | shaper-burst | shaping-rate | burst-size |
input-shaping-rate | input-burst-size | adjusting-application-name |
adjustment-type | configured-shaping-rate | adjustment-value)*>

<!ELEMENT i-logical-name (#PCDATA)>

<!ELEMENT i-logical-object-index (#PCDATA)>

<!ELEMENT i-logical-object-name (#PCDATA)>
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<!ELEMENT i-logical-object-subtype (#PCDATA)>

<!ELEMENT i-logical-object-type (#PCDATA)>

<!ELEMENT i-logical-objects (i-logical-object-type | i-logical-object-name |
i-logical-object-subtype | i-logical-object-index)*>

<!ELEMENT input-burst-size (#PCDATA)>

<!ELEMENT input-scheduler-map-index (#PCDATA)>

<!ELEMENT input-scheduler-map-name (#PCDATA)>

<!ELEMENT input-shaping-rate (#PCDATA)>

<!ELEMENT input-traffic-control-profile-index (#PCDATA)>

<!ELEMENT input-traffic-control-profile-name (#PCDATA)>

<!ELEMENT instance-reference-count (#PCDATA)>

<!ELEMENT interface (#PCDATA)>

<!ELEMENT interface-congestion-notification-map (#PCDATA)>

<!ELEMENT interface-congestion-notification-map-index (#PCDATA)>

<!ELEMENT interface-has-dedicated-queues (#PCDATA)>

<!ELEMENT interface-index (#PCDATA)>

<!ELEMENT interface-input-shaping-rate (#PCDATA)>

<!ELEMENT interface-map (interface-name | interface-index |
interface-queues-supported | interface-queues-in-use |
interface-total-queues-created | interface-shaping-rate | scheduler-map-name |
scheduler-map-index | interface-input-shaping-rate | input-scheduler-map-name |
input-scheduler-map-index | chassis-scheduler-map-name |
chassis-scheduler-map-index | input-traffic-control-profile-name |
input-traffic-control-profile-index | output-traffic-control-profile-name |
output-traffic-control-profile-index | forwarding-class-map-name |
forwarding-class-map-index | interface-congestion-notification-map |
interface-congestion-notification-map-index | forwarding-class-set-attachment |
i-logical-map)*>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-queues-in-use (#PCDATA)>

<!ELEMENT interface-queues-supported (#PCDATA)>

<!ELEMENT interface-set-index (#PCDATA)>

<!ELEMENT interface-set-map (interface-set-name | interface-set-index |
interface-name | interface-index | interface-queues-supported |
interface-queues-in-use | output-traffic-control-profile-name |
output-traffic-control-profile-index | input-traffic-control-profile-name |
input-traffic-control-profile-index | adjusting-application-name | adjustment-type
| configured-shaping-rate | adjustment-value)*>

<!ELEMENT interface-set-name (#PCDATA)>

```

```
<!ELEMENT interface-shaping-rate (#PCDATA)>

<!ELEMENT interface-total-queues-created (#PCDATA)>

<!ELEMENT l2tp-session-index (#PCDATA)>

<!ELEMENT l2tp-session-map (interface-name | interface-index |
interface-queues-supported | interface-queues-in-use | l2tp-session-username |
l2tp-session-index | traffic-control-profile-name | traffic-control-profile-index
| scheduler-map-name | scheduler-map-index | shaping-rate | guaranteed-rate |
delay-buffer-rate | encapsulation-overhead | cell-overhead)*>

<!ELEMENT l2tp-session-username (#PCDATA)>

<!ELEMENT logical-interface (#PCDATA)>

<!ELEMENT logical-interface-index (#PCDATA)>

<!ELEMENT loss-priority (#PCDATA)>

<!ELEMENT loss-priority-map (loss-priority-map-name | code-point-type | table-index
| loss-priority-map-table)*>

<!ELEMENT loss-priority-map-item (code-point | loss-priority)*>

<!ELEMENT loss-priority-map-name (#PCDATA)>

<!ELEMENT loss-priority-map-table (loss-priority-map-item | table-index |
number-of-entries | table-type | loss-priority-map-table-entry)*>

<!ELEMENT loss-priority-map-table-binding (table-index | table-type |
logical-interface | logical-interface-index)*>

<!ELEMENT loss-priority-map-table-entry (table-index | code-point |
loss-priority)*>

<!ELEMENT low-drop-profile-identifier (#PCDATA)>

<!ELEMENT medium-drop-profile-identifier (#PCDATA)>

<!ELEMENT medium-high-drop-profile-identifier (#PCDATA)>

<!ELEMENT medium-low-drop-profile-identifier (#PCDATA)>

<!ELEMENT multidest-classifier-index (#PCDATA)>

<!ELEMENT multidest-classifier-name (#PCDATA)>

<!ELEMENT multidest-classifier-type (#PCDATA)>

<!ELEMENT no-fragmentation EMPTY>

<!ELEMENT number-of-entries (#PCDATA)>

<!ELEMENT output-traffic-control-profile-index (#PCDATA)>

<!ELEMENT output-traffic-control-profile-name (#PCDATA)>

<!ELEMENT overhead-accounting-mode (#PCDATA)>
```

```

<!ELEMENT overhead-bytes (#PCDATA)>

<!ELEMENT p-interface (#PCDATA)>

<!ELEMENT p-interface-index (#PCDATA)>

<!ELEMENT pfc-enable-state (#PCDATA)>

<!ELEMENT pfc-priority (#PCDATA)>

<!ELEMENT policer-bandwidth (#PCDATA)>

<!ELEMENT policer-burst (#PCDATA)>

<!ELEMENT policer-table-map (p-interface | p-interface-index | policer-bandwidth
| policer-burst)*>

<!ELEMENT policy (interface | interface-index | policy-index | policy-type |
policy-number-of-queues | traffic-control-profile-name |
traffic-control-profile-index | policy-entry)*>

<!ELEMENT policy-buffer-size-percentage (#PCDATA)>

<!ELEMENT policy-buffer-size-remainder (#PCDATA)>

<!ELEMENT policy-buffer-size-temporal (#PCDATA)>

<!ELEMENT policy-entry (table-index | policy-entry-identifier | fc-number |
fc-queue-number | policy-transmit-rate | policy-transmit-rate-percentage |
policy-transmit-rate-remainder | policy-buffer-size-temporal |
policy-buffer-size-percentage | policy-buffer-size-remainder |
policy-scheduling-priority | policy-excess-priority |
policy-excess-rate-proportional | policy-excess-rate-percentage |
policy-shaping-rate | policy-shaping-rate-percentage | policy-packet-loss-profile
| policy-exact)*>

<!ELEMENT policy-entry-identifier (#PCDATA)>

<!ELEMENT policy-exact (#PCDATA)>

<!ELEMENT policy-excess-priority (#PCDATA)>

<!ELEMENT policy-excess-rate-percentage (#PCDATA)>

<!ELEMENT policy-excess-rate-proportional (#PCDATA)>

<!ELEMENT policy-index (#PCDATA)>

<!ELEMENT policy-number-of-queues (#PCDATA)>

<!ELEMENT policy-packet-loss-profile (high-drop-profile-identifier |
medium-drop-profile-identifier | low-drop-profile-identifier |
medium-high-drop-profile-identifier | medium-low-drop-profile-identifier |
tcp-high-drop-profile-identifier | tcp-low-drop-profile-identifier)*>

<!ELEMENT policy-scheduling-priority (#PCDATA)>

<!ELEMENT policy-shaping-rate (#PCDATA)>

<!ELEMENT policy-shaping-rate-percentage (#PCDATA)>

```

```
<!ELEMENT policy-transmit-rate (#PCDATA)>

<!ELEMENT policy-transmit-rate-percentage (#PCDATA)>

<!ELEMENT policy-transmit-rate-remainder (#PCDATA)>

<!ELEMENT policy-type (#PCDATA)>

<!ELEMENT probability (#PCDATA)>

<!ELEMENT profile-map (profile-map-item)*>

<!ELEMENT profile-map-item (fill-level | probability)*>
<!-- ATTLIST profile-map-item junos:style CDATA #IMPLIED -->

<!ELEMENT profile-name (#PCDATA)>

<!ELEMENT profile-type (#PCDATA)>

<!ELEMENT red (red-drop-profile-identifier | number-of-entries | red-entry)*>

<!ELEMENT red-drop-probability (#PCDATA)>

<!ELEMENT red-drop-profile-identifier (#PCDATA)>

<!ELEMENT red-entry (red-entry-index | red-fullness | red-drop-probability)*>
<!-- ATTLIST red-entry junos:style CDATA #IMPLIED -->

<!ELEMENT red-entry-index (#PCDATA)>

<!ELEMENT red-fullness (#PCDATA)>

<!ELEMENT rewrite (rewrite-name | code-point-type | table-index | rewrite-map)*>

<!ELEMENT rewrite-high-codepoint (#PCDATA)>

<!ELEMENT rewrite-high-enable-state (#PCDATA)>

<!ELEMENT rewrite-low-codepoint (#PCDATA)>

<!ELEMENT rewrite-low-enable-state (#PCDATA)>

<!ELEMENT rewrite-map (rewrite-map-item)*>

<!ELEMENT rewrite-map-item (code-point | fc-name | loss-priority)*>

<!ELEMENT rewrite-medium-codepoint (#PCDATA)>

<!ELEMENT rewrite-medium-enable-state (#PCDATA)>

<!-- ATTLIST rewrite-medium-high-codepoint (#PCDATA) -->

<!-- ATTLIST rewrite-medium-high-enable-state (#PCDATA) -->

<!-- ATTLIST rewrite-medium-low-codepoint (#PCDATA) -->

<!-- ATTLIST rewrite-medium-low-enable-state (#PCDATA) -->

<!ELEMENT rewrite-name (#PCDATA)>

<!-- ATTLIST rewrite-table (table-index | number-of-entries | table-type |
```



```

rewrite-table-entry)*>

<!ELEMENT rewrite-table-entry (fc-queue-number | rewrite-low-codepoint |
rewrite-low-enable-state | rewrite-high-codepoint | rewrite-high-enable-state |
rewrite-medium-codepoint | rewrite-medium-enable-state |
rewrite-medium-low-codepoint | rewrite-medium-low-enable-state |
rewrite-medium-high-codepoint | rewrite-medium-high-enable-state)*>
<!ATTLIST rewrite-table-entry junos:style CDATA #IMPLIED>

<!ELEMENT rewrite-table-map (table-index | table-type | logical-interface |
logical-interface-index)*>

<!ELEMENT routing-instance-map (routing-instance-name | i-logical-map)*>

<!ELEMENT routing-instance-name (#PCDATA)>

<!ELEMENT s-interface (#PCDATA)>

<!ELEMENT s-interface-index (#PCDATA)>

<!ELEMENT scheduler (fc-name | scheduler-name | scheduler-index | scheduler-tx-rate
| scheduler-tx-limit | scheduler-buffer-size | scheduler-buffer-limit |
scheduler-priority | scheduler-excess-priority | scheduler-shaping-rate |
scheduler-excess-rate | scheduler-drop-profile-ln-index | scheduler-drop-profile-ln
| scheduler-drop-profile-lt-index | scheduler-drop-profile-lt |
scheduler-drop-profile-hn-index | scheduler-drop-profile-hn |
scheduler-drop-profile-ht-index | scheduler-drop-profile-ht |
scheduler-drop-profile-la-index | scheduler-drop-profile-la |
scheduler-drop-profile-mla-index | scheduler-drop-profile-mla |
scheduler-drop-profile-mha-index | scheduler-drop-profile-mha |
scheduler-drop-profile-ma-index | scheduler-drop-profile-ma |
scheduler-drop-profile-ha-index | scheduler-drop-profile-ha |
drop-profile-map-set-type)*>

<!ELEMENT scheduler-buffer-limit (#PCDATA)>

<!ELEMENT scheduler-buffer-size (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ha (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ha-index (#PCDATA)>

<!ELEMENT scheduler-drop-profile-hn (#PCDATA)>

<!ELEMENT scheduler-drop-profile-hn-index (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ht (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ht-index (#PCDATA)>

<!ELEMENT scheduler-drop-profile-la (#PCDATA)>

<!ELEMENT scheduler-drop-profile-la-index (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ln (#PCDATA)>

<!ELEMENT scheduler-drop-profile-ln-index (#PCDATA)>

<!ELEMENT scheduler-drop-profile-lt (#PCDATA)>

<!ELEMENT scheduler-drop-profile-lt-index (#PCDATA)>

```

```
<!ELEMENT scheduler-drop-profile-ma (#PCDATA)>
<!ELEMENT scheduler-drop-profile-ma-index (#PCDATA)>
<!ELEMENT scheduler-drop-profile-mha (#PCDATA)>
<!ELEMENT scheduler-drop-profile-mha-index (#PCDATA)>
<!ELEMENT scheduler-drop-profile-mla (#PCDATA)>
<!ELEMENT scheduler-drop-profile-mla-index (#PCDATA)>
<!ELEMENT scheduler-excess-priority (#PCDATA)>
<!ELEMENT scheduler-excess-rate (#PCDATA)>
<!ELEMENT scheduler-index (#PCDATA)>
<!ELEMENT scheduler-map (scheduler-map-name | scheduler-map-index | scheduler)*>
<!ELEMENT scheduler-map-index (#PCDATA)>
<!ELEMENT scheduler-map-name (#PCDATA)>
<!ELEMENT scheduler-name (#PCDATA)>
<!ELEMENT scheduler-priority (#PCDATA)>
<!ELEMENT scheduler-shaping-rate (#PCDATA)>
<!ELEMENT scheduler-tx-limit (#PCDATA)>
<!ELEMENT scheduler-tx-rate (#PCDATA)>
<!ELEMENT shaper-bandwidth (#PCDATA)>
<!ELEMENT shaper-burst (#PCDATA)>
<!ELEMENT shaper-table-map (s-interface | s-interface-index | shaper-bandwidth |
shaper-burst)*>
<!ELEMENT shaping-rate (#PCDATA)>
<!ELEMENT shaping-rate-excess-high (#PCDATA)>
<!ELEMENT shaping-rate-excess-low (#PCDATA)>
<!ELEMENT shaping-rate-priority-high (#PCDATA)>
<!ELEMENT shaping-rate-priority-low (#PCDATA)>
<!ELEMENT shaping-rate-priority-medium (#PCDATA)>
<!ELEMENT sm-md-map (scheduler-map-name | scheduler-map-index)*>
<!ELEMENT src-fpc-index (#PCDATA)>
<!ELEMENT table-index (#PCDATA)>
<!ELEMENT table-type (#PCDATA)>
```

```

<!ELEMENT tcp-high-drop-profile-identifier (#PCDATA)>

<!ELEMENT tcp-low-drop-profile-identifier (#PCDATA)>

<!ELEMENT to-code-point (#PCDATA)>

<!ELEMENT total-bps-high (#PCDATA)>

<!ELEMENT total-bps-low (#PCDATA)>

<!ELEMENT total-bytes-high (#PCDATA)>

<!ELEMENT total-bytes-low (#PCDATA)>

<!ELEMENT total-pkts-high (#PCDATA)>

<!ELEMENT total-pkts-low (#PCDATA)>

<!ELEMENT total-pps-high (#PCDATA)>

<!ELEMENT total-pps-low (#PCDATA)>

<!ELEMENT total-statistics (total-pkts-high | total-pkts-low | total-bytes-high
| total-bytes-low | total-pps-high | total-pps-low | total-bps-high |
total-bps-low)*>

<!ELEMENT traffic-control-profile (traffic-control-profile-name |
scheduler-map-name | shaping-rate | shaping-rate-priority-high |
shaping-rate-priority-medium | shaping-rate-priority-low | shaping-rate-excess-high
| shaping-rate-excess-low | traffic-control-profile-index |
traffic-control-profile-instance | guaranteed-rate | delay-buffer-rate |
excess-rate | overhead-bytes | overhead-accounting-mode)*>

<!ELEMENT traffic-control-profile-index (#PCDATA)>

<!ELEMENT traffic-control-profile-instance (traffic-control-profile-instance-name
| traffic-control-profile-instance-index | instance-reference-count)*>

<!ELEMENT traffic-control-profile-instance-index (#PCDATA)>

<!ELEMENT traffic-control-profile-instance-name (#PCDATA)>

<!ELEMENT traffic-control-profile-name (#PCDATA)>

<!ELEMENT translation-table (translation-table-name | translation-table-type |
table-index | translation-table-map | number-of-entries |
translation-table-entry)*>

<!ELEMENT translation-table-entry (table-index | from-code-point | to-code-point)*>

<!ELEMENT translation-table-map (translation-table-map-item)*>

<!ELEMENT translation-table-map-item (from-code-point | to-code-point)*>

<!ELEMENT translation-table-mapping (table-index | translation-table-type |
logical-interface | logical-interface-index)*>

<!ELEMENT translation-table-name (#PCDATA)>

<!ELEMENT translation-table-type (#PCDATA)>

```

```
<!ELEMENT trigger-item (trigger-type | adaptive-shaping-rate)*>

<!ELEMENT trigger-type (#PCDATA)>

<!ELEMENT tx-bps-high (#PCDATA)>

<!ELEMENT tx-bps-low (#PCDATA)>

<!ELEMENT tx-bytes-high (#PCDATA)>

<!ELEMENT tx-bytes-low (#PCDATA)>

<!ELEMENT tx-pkts-high (#PCDATA)>

<!ELEMENT tx-pkts-low (#PCDATA)>

<!ELEMENT tx-pps-high (#PCDATA)>

<!ELEMENT tx-pps-low (#PCDATA)>

<!ELEMENT tx-statistics (tx-pkts-high | tx-pkts-low | tx-bytes-high | tx-bytes-low
| tx-pps-high | tx-pps-low | tx-bps-high | tx-bps-low)*>

<!ELEMENT virtual-channel (virtual-channel-name | table-index)*>

<!ELEMENT virtual-channel-group (virtual-channel-group-name | table-index |
channel)*>

<!ELEMENT virtual-channel-group-name (#PCDATA)>

<!ELEMENT virtual-channel-name (#PCDATA)>
```

DTD for Database Replication Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-database-replication.dtd`, which lists the Junos XML tags that contain information about database replication. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-database-replication.dtd -->

<!ELEMENT database-replication-statistics-information (dropped-connections-total
| max-buffer-count | msg-received-bytes | msgs-received-total | msg-sent-bytes
| msgs-sent-total | queue-full-total | queue-max-size)*>

<!ELEMENT database-replication-summary-information
(replication-graceful-restart-type | replication-mastership-type |
replication-connection-type | replication-database-type | replication-queue-type)*>

<!ELEMENT dropped-connections-total (#PCDATA)>

<!ELEMENT max-buffer-count (#PCDATA)>

<!ELEMENT msg-received-bytes (#PCDATA)>

<!ELEMENT msg-sent-bytes (#PCDATA)>

<!ELEMENT msgs-received-total (#PCDATA)>

<!ELEMENT msgs-sent-total (#PCDATA)>

<!ELEMENT queue-full-total (#PCDATA)>

<!ELEMENT queue-max-size (#PCDATA)>

<!ELEMENT replication-connection-type (#PCDATA)>

<!ELEMENT replication-database-type (#PCDATA)>

<!ELEMENT replication-graceful-restart-type (#PCDATA)>

<!ELEMENT replication-mastership-type (#PCDATA)>
```

<!ELEMENT replication-queue-type (#PCDATA)>

CHAPTER 31

DTD for Dynamic Flow Capture Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dfc.dtd`, which lists the Junos XML tags that contain information about dynamic flow capture. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-dfc.dtd -->

<!ELEMENT active-criteria (#PCDATA)>

<!ELEMENT active-criteria-dynamic (#PCDATA)>

<!ELEMENT active-criteria-static (#PCDATA)>

<!ELEMENT add-request-peak-rate (#PCDATA)>

<!ELEMENT add-request-rate (#PCDATA)>

<!ELEMENT average-bandwidth (#PCDATA)>

<!ELEMENT bandwidth (#PCDATA)>

<!ELEMENT bandwidth-all (#PCDATA)>

<!ELEMENT capture-group-id (#PCDATA)>

<!ELEMENT congestion-notifications (#PCDATA)>

<!ELEMENT content-destination-id (#PCDATA)>

<!ELEMENT content-destination-information (capture-group-id |
content-destination-id | criteria | bandwidth | average-bandwidth | matched-packets
| matched-bytes | dropped-packets | congestion-notifications)*>
<ATTLIST content-destination-information junos:style CDATA #IMPLIED>

<!ELEMENT control-protocol-requests (#PCDATA)>

<!ELEMENT control-protocol-requests-add (#PCDATA)>

<!ELEMENT control-protocol-requests-add-failed (#PCDATA)>
```

```
<!ELEMENT control-protocol-requests-delete (#PCDATA)>

<!ELEMENT control-protocol-requests-delete-failed (#PCDATA)>

<!ELEMENT control-protocol-requests-list (#PCDATA)>

<!ELEMENT control-protocol-requests-list-failed (#PCDATA)>

<!ELEMENT control-protocol-requests-noop (#PCDATA)>

<!ELEMENT control-protocol-requests-noop-failed (#PCDATA)>

<!ELEMENT control-protocol-requests-refresh (#PCDATA)>

<!ELEMENT control-protocol-requests-refresh-failed (#PCDATA)>

<!ELEMENT control-source-id (#PCDATA)>

<!ELEMENT control-source-information (capture-group-id | control-source-id |
criteria-added | criteria-add-failed | active-criteria | active-criteria-static
| active-criteria-dynamic | control-protocol-requests |
control-protocol-requests-add | control-protocol-requests-delete |
control-protocol-requests-list | control-protocol-requests-refresh |
control-protocol-requests-noop | control-protocol-requests-add-failed |
control-protocol-requests-delete-failed | control-protocol-requests-list-failed
| control-protocol-requests-refresh-failed | control-protocol-requests-noop-failed
| add-request-rate | add-request-peak-rate | bandwidth-all | notifications |
notifications-restart | notifications-rollover | notifications-noop |
notifications-timeout | notifications-congestion | notifications-congestion-delete
| notifications-dups-dropped | criteria-deleted | criteria-deleted-timeout-idle
| criteria-deleted-timeout-total | criteria-deleted-packets |
criteria-deleted-bytes | sequence-number)*>
<!ATTLIST control-source-information junos:style CDATA #IMPLIED>

<!ELEMENT criteria (#PCDATA)>

<!ELEMENT criteria-add-failed (#PCDATA)>

<!ELEMENT criteria-added (#PCDATA)>

<!ELEMENT criteria-deleted (#PCDATA)>

<!ELEMENT criteria-deleted-bytes (#PCDATA)>

<!ELEMENT criteria-deleted-packets (#PCDATA)>

<!ELEMENT criteria-deleted-timeout-idle (#PCDATA)>

<!ELEMENT criteria-deleted-timeout-total (#PCDATA)>

<!ELEMENT dfc-information (control-source-information |
content-destination-information | dfc-statistics-information)*>

<!ELEMENT dfc-statistics-information (capture-group-id |
input-packets-control-protocol | input-packets-cap-data | input-packets-control-iri
| input-packets-control-protocol-not-ip | input-packets-control-protocol-not-udp
| input-packets-control-protocol-invalid-dest-ip |
input-packets-control-protocol-drop-other |
input-packets-control-protocol-drop-no-memory |
input-packets-control-protocol-drop-unauthorized |
input-packets-control-protocol-drop-bad-req |
```



```

input-packets-control-protocol-drop-unknown-control-source |
input-packets-control-protocol-drop-not-dtcp |
input-packets-control-protocol-drop-bad-cmdline |
input-packets-control-protocol-drop-bandwidth-exceeded |
input-packets-control-protocol-drop-rate-bandwidth-exceeded |
input-packets-drop-unknown | input-packets-drop-cap-data-not-ipv4 |
input-packets-drop-cap-data-too-small | input-packets-drop-cap-data-drop |
input-packets-drop-cap-data-nomatch | input-packets-drop-bandwidth-exceeded |
input-packets-drop-rate-bandwidth-exceeded | output-packets-control-protocol |
output-packets-cap-data | output-packets-drop-control-protocol |
output-packets-drop-cap-data | flowstats-active-cache-entries-count |
flowstats-active-cache-usage-percentage | flowstats-cache-entries-allocated |
flowstats-control-source-count | flowstats-content-destination-count |
flowstats-criteria-count | flowstats-maximum-criteria-matching-flow |
flowstats-purged-flows | flowstats-maximum-filter-matching-packet)*>

<!ELEMENT dropped-packets (#PCDATA)>

<!ELEMENT flowstats-active-cache-entries-count (#PCDATA)>

<!ELEMENT flowstats-active-cache-usage-percentage (#PCDATA)>

<!ELEMENT flowstats-cache-entries-allocated (#PCDATA)>

<!ELEMENT flowstats-content-destination-count (#PCDATA)>

<!ELEMENT flowstats-control-source-count (#PCDATA)>

<!ELEMENT flowstats-criteria-count (#PCDATA)>

<!ELEMENT flowstats-maximum-criteria-matching-flow (#PCDATA)>

<!ELEMENT flowstats-maximum-filter-matching-packet (#PCDATA)>

<!ELEMENT flowstats-purged-flows (#PCDATA)>

<!ELEMENT input-packets-cap-data (#PCDATA)>

<!ELEMENT input-packets-control-iri (#PCDATA)>

<!ELEMENT input-packets-control-protocol (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-bad-cmdline (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-bad-req (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-bandwidth-exceeded (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-no-memory (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-not-dtcp (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-other (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-rate-bandwidth-exceeded (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-unauthorized (#PCDATA)>

<!ELEMENT input-packets-control-protocol-drop-unknown-control-source (#PCDATA)>

<!ELEMENT input-packets-control-protocol-invalid-dest-ip (#PCDATA)>

```

```
<!ELEMENT input-packets-control-protocol-not-ip (#PCDATA)>
<!ELEMENT input-packets-control-protocol-not-udp (#PCDATA)>
<!ELEMENT input-packets-drop-bandwidth-exceeded (#PCDATA)>
<!ELEMENT input-packets-drop-cap-data-drop (#PCDATA)>
<!ELEMENT input-packets-drop-cap-data-nomatch (#PCDATA)>
<!ELEMENT input-packets-drop-cap-data-not-ipv4 (#PCDATA)>
<!ELEMENT input-packets-drop-cap-data-too-small (#PCDATA)>
<!ELEMENT input-packets-drop-rate-bandwidth-exceeded (#PCDATA)>
<!ELEMENT input-packets-drop-unknown (#PCDATA)>
<!ELEMENT matched-bytes (#PCDATA)>
<!ELEMENT matched-packets (#PCDATA)>
<!ELEMENT notifications (#PCDATA)>
<!ELEMENT notifications-congestion (#PCDATA)>
<!ELEMENT notifications-congestion-delete (#PCDATA)>
<!ELEMENT notifications-dups-dropped (#PCDATA)>
<!ELEMENT notifications-noop (#PCDATA)>
<!ELEMENT notifications-restart (#PCDATA)>
<!ELEMENT notifications-rollover (#PCDATA)>
<!ELEMENT notifications-timeout (#PCDATA)>
<!ELEMENT output-packets-cap-data (#PCDATA)>
<!ELEMENT output-packets-control-protocol (#PCDATA)>
<!ELEMENT output-packets-drop-cap-data (#PCDATA)>
<!ELEMENT output-packets-drop-control-protocol (#PCDATA)>
<!ELEMENT sequence-number (#PCDATA)>
```

CHAPTER 32

DTD for DHCP Relay Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dhcp-relay.dtd`, which lists the Junos XML tags that contain information about DHCP relay. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-dhcp-relay.dtd -->

<!ELEMENT allocated-address (#PCDATA)>

<!ELEMENT alt-client-id (#PCDATA)>

<!ELEMENT alt-client-id-len (#PCDATA)>

<!ELEMENT antispoof-filter-action (#PCDATA)>

<!ELEMENT antispoof-filter-flags (#PCDATA)>

<!ELEMENT antispoof-filter-name (#PCDATA)>

<!ELEMENT antispoof-filter-owner (#PCDATA)>

<!ELEMENT antispoof-filter-parent (#PCDATA)>

<!ELEMENT antispoof-filter-state (#PCDATA)>

<!ELEMENT antispoof-filter-term-id (#PCDATA)>

<!ELEMENT antispoof-filter-type (#PCDATA)>

<!ELEMENT auth-client-limit (#PCDATA)>

<!ELEMENT auth-relay-server-group (#PCDATA)>

<!ELEMENT authentication-num-servers (#PCDATA)>

<!ELEMENT binding-count (#PCDATA)>

<!ELEMENT binding-summary (binding-count | init-count | bound-count |
selecting-count | requesting-count | renewing-count | rebinding-count |
releasing-count | restore-count)*>

<!ELEMENT bootp-relay-address (#PCDATA)>
```

```
<!ELEMENT bound-count (#PCDATA)>

<!ELEMENT bridge-domain (#PCDATA)>

<!ELEMENT client-id (#PCDATA)>

<!ELEMENT client-id-len (#PCDATA)>

<!ELEMENT client-option-data (#PCDATA)>

<!ELEMENT client-option-len (#PCDATA)>

<!ELEMENT client-option-type (#PCDATA)>

<!ELEMENT client-stale-count (#PCDATA)>

<!ELEMENT demux-interface-name (#PCDATA)>

<!ELEMENT dhcp-binding (allocated-address | mac-address | lease-expires |
lease-start-time | lease-end-time | lease-state | interface-name | vlan-id |
svlan-id | demux-interface-name | server-ip-address | server-interface-name |
bootp-relay-address | previous-bootp-relay-address | session-id | pool-name |
profile-name | dhcp-lease-binding-type | client-id-len | client-id |
alt-client-id-len | alt-client-id | client-option-type | client-option-len |
client-option-data | option-82-length-from-client | option-82-data-from-client |
hardware-type | logical-system-routing-instance | bridge-domain |
retail-logical-system-routing-instance | retail-bridge-domain |
wholesale-logical-system-routing-instance | wholesale-bridge-domain |
antispoof-filter-name | antispoof-filter-flags | antispoof-filter-state |
antispoof-filter-type | antispoof-filter-term-id | antispoof-filter-action |
antispoof-filter-parent | antispoof-filter-owner | authentication-num-servers |
client-stale-count | auth-client-limit | auth-relay-server-group)*>

<!ELEMENT dhcp-lease-binding-type (#PCDATA)>

<!ELEMENT dhcp-relay-binding-information (binding-summary | dhcp-binding)*>
<!ATTLIST dhcp-relay-binding-information junos:style CDATA #IMPLIED>

<!ELEMENT dhcp-relay-statistics-information (dropped-packet-total |
dropped-packet-bad-hardware | dropped-packet-bad-opcode |
dropped-packet-bad-options | dropped-packet-invalid-server-address |
dropped-packet-no-addresses | dropped-packet-no-interface |
dropped-packet-no-routing-instance | dropped-packet-no-local-address |
dropped-packet-too-short | dropped-packet-read-error | dropped-packet-send-error
| dropped-packet-option-60 | dropped-packet-option-82 |
dropped-packet-authentication | dropped-packet-dynamic-profile |
dropped-packet-license | message-table | forwarded-packets-total |
forwarded-bootrequest-packets | forwarded-bootreply-packets)*>

<!ELEMENT dropped-packet-authentication (#PCDATA)>

<!ELEMENT dropped-packet-bad-hardware (#PCDATA)>

<!ELEMENT dropped-packet-bad-opcode (#PCDATA)>

<!ELEMENT dropped-packet-bad-options (#PCDATA)>

<!ELEMENT dropped-packet-dynamic-profile (#PCDATA)>

<!ELEMENT dropped-packet-invalid-server-address (#PCDATA)>
```

```
<!ELEMENT dropped-packet-license (#PCDATA)>
<!ELEMENT dropped-packet-no-addresses (#PCDATA)>
<!ELEMENT dropped-packet-no-interface (#PCDATA)>
<!ELEMENT dropped-packet-no-local-address (#PCDATA)>
<!ELEMENT dropped-packet-no-routing-instance (#PCDATA)>
<!ELEMENT dropped-packet-option-60 (#PCDATA)>
<!ELEMENT dropped-packet-option-82 (#PCDATA)>
<!ELEMENT dropped-packet-read-error (#PCDATA)>
<!ELEMENT dropped-packet-send-error (#PCDATA)>
<!ELEMENT dropped-packet-too-short (#PCDATA)>
<!ELEMENT dropped-packet-total (#PCDATA)>
<!ELEMENT forwarded-bootreply-packets (#PCDATA)>
<!ELEMENT forwarded-bootrequest-packets (#PCDATA)>
<!ELEMENT forwarded-packets-total (#PCDATA)>
<!ELEMENT hardware-type (#PCDATA)>
<!ELEMENT init-count (#PCDATA)>
<!ELEMENT interface-name (#PCDATA)>
<!ELEMENT lease-end-time (#PCDATA)>
<ATTLIST lease-end-time junos:seconds CDATA #IMPLIED>
<!ELEMENT lease-expires (#PCDATA)>
<!ELEMENT lease-start-time (#PCDATA)>
<ATTLIST lease-start-time junos:seconds CDATA #IMPLIED>
<!ELEMENT lease-state (#PCDATA)>
<!ELEMENT logical-system-routing-instance (#PCDATA)>
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT message (message-name | message-count)*>
<!ELEMENT message-count (#PCDATA)>
<!ELEMENT message-direction (#PCDATA)>
<!ELEMENT message-name (#PCDATA)>
<!ELEMENT message-table (message-direction | message)*>
<!ELEMENT option-82-data-from-client (#PCDATA)>
```

```
<!ELEMENT option-82-length-from-client (#PCDATA)>
<!ELEMENT pool-name (#PCDATA)>
<!ELEMENT previous-bootp-relay-address (#PCDATA)>
<!ELEMENT profile-name (#PCDATA)>
<!ELEMENT rebinding-count (#PCDATA)>
<!ELEMENT releasing-count (#PCDATA)>
<!ELEMENT renewing-count (#PCDATA)>
<!ELEMENT requesting-count (#PCDATA)>
<!ELEMENT restore-count (#PCDATA)>
<!ELEMENT retail-bridge-domain (#PCDATA)>
<!ELEMENT retail-logical-system-routing-instance (#PCDATA)>
<!ELEMENT selecting-count (#PCDATA)>
<!ELEMENT server-interface-name (#PCDATA)>
<!ELEMENT server-ip-address (#PCDATA)>
<!ELEMENT session-id (#PCDATA)>
<!ELEMENT svlan-id (#PCDATA)>
<!ELEMENT vlan-id (#PCDATA)>
<!ELEMENT wholesale-bridge-domain (#PCDATA)>
<!ELEMENT wholesale-logical-system-routing-instance (#PCDATA)>
```

CHAPTER 33

DTD for DHCP Server Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dhcp-server.dtd`, which lists the Junos XML tags that contain information about DHCP server. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-dhcp-server.dtd -->

<!ELEMENT allocated-address (#PCDATA)>

<!ELEMENT alt-client-id (#PCDATA)>

<!ELEMENT alt-client-id-len (#PCDATA)>

<!ELEMENT antispoof-filter-action (#PCDATA)>

<!ELEMENT antispoof-filter-flags (#PCDATA)>

<!ELEMENT antispoof-filter-name (#PCDATA)>

<!ELEMENT antispoof-filter-owner (#PCDATA)>

<!ELEMENT antispoof-filter-parent (#PCDATA)>

<!ELEMENT antispoof-filter-state (#PCDATA)>

<!ELEMENT antispoof-filter-term-id (#PCDATA)>

<!ELEMENT antispoof-filter-type (#PCDATA)>

<!ELEMENT auth-client-limit (#PCDATA)>

<!ELEMENT auth-relay-server-group (#PCDATA)>

<!ELEMENT authentication-num-servers (#PCDATA)>

<!ELEMENT binding-count (#PCDATA)>

<!ELEMENT binding-summary (binding-count | init-count | bound-count |
selecting-count | requesting-count | renewing-count | releasing-count |
restore-count)*>

<!ELEMENT bootp-relay-address (#PCDATA)>
```

```
<!ELEMENT bound-count (#PCDATA)>

<!ELEMENT bridge-domain (#PCDATA)>

<!ELEMENT client-duid (#PCDATA)>

<!ELEMENT client-id (#PCDATA)>

<!ELEMENT client-id-len (#PCDATA)>

<!ELEMENT client-option-data (#PCDATA)>

<!ELEMENT client-option-len (#PCDATA)>

<!ELEMENT client-option-type (#PCDATA)>

<!ELEMENT client-stale-count (#PCDATA)>

<!ELEMENT demux-interface-name (#PCDATA)>

<!ELEMENT dhcp-binding (allocated-address | mac-address | lease-expires |
lease-start-time | lease-end-time | lease-state | interface-name | vlan-id |
svlan-id | demux-interface-name | server-ip-address | bootp-relay-address |
previous-bootp-relay-address | session-id | pool-name | profile-name |
dhcp-lease-binding-type | client-id-len | client-id | alt-client-id-len |
alt-client-id | client-option-type | client-option-len | client-option-data |
option-82-length-from-client | option-82-data-from-client | hardware-type |
logical-system-routing-instance | bridge-domain |
retail-logical-system-routing-instance | retail-bridge-domain |
wholesale-logical-system-routing-instance | wholesale-bridge-domain |
antispoof-filter-name | antispoof-filter-flags | antispoof-filter-state |
antispoof-filter-type | antispoof-filter-term-id | antispoof-filter-action |
antispoof-filter-parent | antispoof-filter-owner | authentication-num-servers |
client-stale-count | auth-client-limit | auth-relay-server-group)*>

<!ELEMENT dhcp-lease-binding-type (#PCDATA)>

<!ELEMENT dhcp-server-binding-information (binding-summary | dhcp-binding)*>
<!ATTLIST dhcp-server-binding-information junos:style CDATA #IMPLIED>

<!ELEMENT dhcp-server-statistics-information (dropped-packet-total |
dropped-packet-bad-hardware | dropped-packet-bad-opcode |
dropped-packet-bad-options | dropped-packet-invalid-server-address |
dropped-packet-no-addresses | dropped-packet-no-interface |
dropped-packet-no-routing-instance | dropped-packet-no-local-address |
dropped-packet-too-short | dropped-packet-read-error | dropped-packet-send-error
| dropped-packet-authentication | dropped-packet-dynamic-profile |
dropped-packet-license | message-table | forwarded-packets-total |
forwarded-bootrequest-packets | forwarded-bootreply-packets)*>

<!ELEMENT dhcpv6-binding (allocated-address | client-duid | client-id-len |
client-id | alt-client-id-len | alt-client-id | lease-expires | lease-start-time
| lease-end-time | lease-state | interface-name | vlan-id | svlan-id |
demux-interface-name | server-ip-address | session-id | pool-name | profile-name
| dhcpv6-server-id | dhcp-lease-binding-type | logical-system-routing-instance
| bridge-domain | retail-logical-system-routing-instance | retail-bridge-domain
| wholesale-logical-system-routing-instance | wholesale-bridge-domain |
authentication-num-servers | client-stale-count | auth-client-limit |
auth-relay-server-group)*>
```



```

<!ELEMENT dhcpv6-binding-count (#PCDATA)>

<!ELEMENT dhcpv6-binding-summary (dhcpv6-binding-count | dhcpv6-init-count |
dhcpv6-bound-count | dhcpv6-selecting-count | dhcpv6-requesting-count |
dhcpv6-renewing-count | dhcpv6-releasing-count | dhcpv6-restore-count)*>

<!ELEMENT dhcpv6-bound-count (#PCDATA)>

<!ELEMENT dhcpv6-init-count (#PCDATA)>

<!ELEMENT dhcpv6-message (dhcpv6-message-name | dhcpv6-message-count)*>

<!ELEMENT dhcpv6-message-count (#PCDATA)>

<!ELEMENT dhcpv6-message-direction (#PCDATA)>

<!ELEMENT dhcpv6-message-name (#PCDATA)>

<!ELEMENT dhcpv6-message-table (dhcpv6-message-direction | dhcpv6-message)*>

<!ELEMENT dhcpv6-releasing-count (#PCDATA)>

<!ELEMENT dhcpv6-renewing-count (#PCDATA)>

<!ELEMENT dhcpv6-requesting-count (#PCDATA)>

<!ELEMENT dhcpv6-restore-count (#PCDATA)>

<!ELEMENT dhcpv6-selecting-count (#PCDATA)>

<!ELEMENT dhcpv6-server-binding-information (dhcpv6-binding-summary |
dhcpv6-binding)*>
<!ATTLIST dhcpv6-server-binding-information junos:style CDATA #IMPLIED>

<!ELEMENT dhcpv6-server-id (#PCDATA)>

<!ELEMENT dhcpv6-server-statistics-information (v6-dropped-packet-total |
v6-dropped-packet-no-safd | v6-dropped-packet-bad-send |
v6-dropped-packet-short-packet | v6-dropped-packet-bad-msgtype |
v6-dropped-packet-bad-options | v6-dropped-packet-bad-srcaddress |
v6-dropped-packet-relay-hop-count | v6-dropped-packet-no-client-id |
v6-dropped-packet-strict-reconfigure | dhcpv6-message-table)*>

<!ELEMENT dropped-packet-authentication (#PCDATA)>

<!ELEMENT dropped-packet-bad-hardware (#PCDATA)>

<!ELEMENT dropped-packet-bad-opcode (#PCDATA)>

<!ELEMENT dropped-packet-bad-options (#PCDATA)>

<!ELEMENT dropped-packet-dynamic-profile (#PCDATA)>

<!ELEMENT dropped-packet-invalid-server-address (#PCDATA)>

<!ELEMENT dropped-packet-license (#PCDATA)>

<!ELEMENT dropped-packet-no-addresses (#PCDATA)>

<!ELEMENT dropped-packet-no-interface (#PCDATA)>

```

```
<!ELEMENT dropped-packet-no-local-address (#PCDATA)>
<!ELEMENT dropped-packet-no-routing-instance (#PCDATA)>
<!ELEMENT dropped-packet-read-error (#PCDATA)>
<!ELEMENT dropped-packet-send-error (#PCDATA)>
<!ELEMENT dropped-packet-too-short (#PCDATA)>
<!ELEMENT dropped-packet-total (#PCDATA)>
<!ELEMENT forwarded-bootreply-packets (#PCDATA)>
<!ELEMENT forwarded-bootrequest-packets (#PCDATA)>
<!ELEMENT forwarded-packets-total (#PCDATA)>
<!ELEMENT hardware-type (#PCDATA)>
<!ELEMENT init-count (#PCDATA)>
<!ELEMENT interface-name (#PCDATA)>
<!ELEMENT lease-end-time (#PCDATA)>
<!ATTLIST lease-end-time junos:seconds CDATA #IMPLIED>
<!ELEMENT lease-expires (#PCDATA)>
<!ELEMENT lease-start-time (#PCDATA)>
<!ATTLIST lease-start-time junos:seconds CDATA #IMPLIED>
<!ELEMENT lease-state (#PCDATA)>
<!ELEMENT logical-system-routing-instance (#PCDATA)>
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT message (message-name | message-count)*>
<!ELEMENT message-count (#PCDATA)>
<!ELEMENT message-direction (#PCDATA)>
<!ELEMENT message-name (#PCDATA)>
<!ELEMENT message-table (message-direction | message)*>
<!ELEMENT option-82-data-from-client (#PCDATA)>
<!ELEMENT option-82-length-from-client (#PCDATA)>
<!ELEMENT pool-name (#PCDATA)>
<!ELEMENT previous-bootp-relay-address (#PCDATA)>
<!ELEMENT profile-name (#PCDATA)>
<!ELEMENT releasing-count (#PCDATA)>
<!ELEMENT renewing-count (#PCDATA)>
```

```
<!ELEMENT requesting-count (#PCDATA)>
<!ELEMENT restore-count (#PCDATA)>
<!ELEMENT retail-bridge-domain (#PCDATA)>
<!ELEMENT retail-logical-system-routing-instance (#PCDATA)>
<!ELEMENT selecting-count (#PCDATA)>
<!ELEMENT server-ip-address (#PCDATA)>
<!ELEMENT session-id (#PCDATA)>
<!ELEMENT svlan-id (#PCDATA)>
<!ELEMENT v6-dropped-packet-bad-msgtype (#PCDATA)>
<!ELEMENT v6-dropped-packet-bad-options (#PCDATA)>
<!ELEMENT v6-dropped-packet-bad-send (#PCDATA)>
<!ELEMENT v6-dropped-packet-bad-srcaddress (#PCDATA)>
<!ELEMENT v6-dropped-packet-no-client-id (#PCDATA)>
<!ELEMENT v6-dropped-packet-no-safd (#PCDATA)>
<!ELEMENT v6-dropped-packet-relay-hop-count (#PCDATA)>
<!ELEMENT v6-dropped-packet-short-packet (#PCDATA)>
<!ELEMENT v6-dropped-packet-strict-reconfigure (#PCDATA)>
<!ELEMENT v6-dropped-packet-total (#PCDATA)>
<!ELEMENT vlan-id (#PCDATA)>
<!ELEMENT wholesale-bridge-domain (#PCDATA)>
<!ELEMENT wholesale-logical-system-routing-instance (#PCDATA)>
```


CHAPTER 34

DTD for DHCP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dhcp.dtd`, which lists the Junos XML tags that contain information about DHCP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->  
<!-- All rights reserved. -->  
<!-- junos-dhcp.dtd -->
```

```
<!ELEMENT active-lease-count (#PCDATA)>
```

```
<!ELEMENT address-count (#PCDATA)>
```

```
<!ELEMENT address-pool-excluded-address (#PCDATA)>
```

```
<!ELEMENT address-pool-high-address (#PCDATA)>
```

```
<!ELEMENT address-pool-low-address (#PCDATA)>
```

```
<!ELEMENT address-pool-name (#PCDATA)>
```

```
<!ELEMENT allocated-address (#PCDATA)>
```

```
<!ELEMENT assigned-lease-count (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-badaddr (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-badread (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-badsend (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-nointerface (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-nolocaladdr (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-noroute (#PCDATA)>
```

```
<!ELEMENT bootp-dropped-packets-nortinst (#PCDATA)>
```

```
<!ELEMENT bootp-forwarded-packets (#PCDATA)>
```

```
<!ELEMENT bootp-lease-length (#PCDATA)>
```

```
<!ELEMENT bootp-received-packets (#PCDATA)>

<!ELEMENT bootp-relay-address (#PCDATA)>

<!ELEMENT client-identifier (hex-data | hex-data-line | printable-data-line)*>

<!ELEMENT conflict-address (#PCDATA)>

<!ELEMENT conflict-count (#PCDATA)>

<!ELEMENT default-lease-time (#PCDATA)>

<!ELEMENT detection-method (#PCDATA)>

<!ELEMENT detection-time (#PCDATA)>

<!ELEMENT dhcp-binding (allocated-address | mac-address | dhcp-lease-binding-type
| lease-end-time | lease-state | dhcp-option-table | address-pool-name |
interface-name | bootp-relay-address | dhcp-lease-information |
client-identifier)*>

<!ELEMENT dhcp-binding-information (dhcp-binding)*>
<!-- ATTENTION: This element is not used in the Junos style -->
<!-- ATTENTION: This element is not used in the Junos style -->

<!ELEMENT dhcp-conflict (detection-time | detection-method | conflict-address)*>

<!ELEMENT dhcp-conflict-information (dhcp-conflict)*>

<!ELEMENT dhcp-global-information (dhcp-lease-time-information | dhcp-option-table
| bootp-lease-length)*>

<!ELEMENT dhcp-lease-binding-type (#PCDATA)>

<!ELEMENT dhcp-lease-information (dhcp-lease-type | lease-start-time |
lease-end-time | lease-state)*>

<!ELEMENT dhcp-lease-time-information (default-lease-time | minimum-lease-time |
maximum-lease-time)*>

<!ELEMENT dhcp-lease-type (#PCDATA)>

<!ELEMENT dhcp-option (dhcp-option-code | dhcp-option-name | dhcp-option-type |
dhcp-option-value)*>

<!ELEMENT dhcp-option-code (#PCDATA)>

<!ELEMENT dhcp-option-name (#PCDATA)>

<!ELEMENT dhcp-option-table (dhcp-option)*>

<!ELEMENT dhcp-option-type (#PCDATA)>

<!ELEMENT dhcp-option-value (#PCDATA)>

<!ELEMENT dhcp-pool (address-pool-name | address-pool-low-address |
address-pool-high-address | address-pool-excluded-address |
dhcp-lease-time-information | dhcp-option-table | address-count |
assigned-lease-count | active-lease-count | offered-lease-count |
expired-lease-count | conflict-count | exclusion-count)*>
```

```

<!ELEMENT dhcp-pool-information (dhcp-pool)*>
<!ATTLIST dhcp-pool-information junos:style CDATA #IMPLIED>

<!ELEMENT dhcp-statistics-information (dropped-packet-total |
dropped-packet-bad-hardware | dropped-packet-bad-opcode |
dropped-packet-bad-options | dropped-packet-invalid-server-address |
dropped-packet-no-addresses | dropped-packet-no-interface |
dropped-packet-no-routing-instance | dropped-packet-no-local-address |
dropped-packet-too-short | dropped-packet-read-error | dropped-packet-send-error
| message-table)*>

<!ELEMENT dropped-packet-bad-hardware (#PCDATA)>

<!ELEMENT dropped-packet-bad-opcode (#PCDATA)>

<!ELEMENT dropped-packet-bad-options (#PCDATA)>

<!ELEMENT dropped-packet-invalid-server-address (#PCDATA)>

<!ELEMENT dropped-packet-no-addresses (#PCDATA)>

<!ELEMENT dropped-packet-no-interface (#PCDATA)>

<!ELEMENT dropped-packet-no-local-address (#PCDATA)>

<!ELEMENT dropped-packet-no-routing-instance (#PCDATA)>

<!ELEMENT dropped-packet-read-error (#PCDATA)>

<!ELEMENT dropped-packet-send-error (#PCDATA)>

<!ELEMENT dropped-packet-too-short (#PCDATA)>

<!ELEMENT dropped-packet-total (#PCDATA)>

<!ELEMENT exclusion-count (#PCDATA)>

<!ELEMENT expired-lease-count (#PCDATA)>

<!ELEMENT helper-statistics (relay-information)*>

<!ELEMENT hex-data (#PCDATA)>

<!ELEMENT hex-data-line (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT lease-end-time (#PCDATA)>
<!ATTLIST lease-end-time junos:seconds CDATA #IMPLIED>

<!ELEMENT lease-start-time (#PCDATA)>
<!ATTLIST lease-start-time junos:seconds CDATA #IMPLIED>

<!ELEMENT lease-state (#PCDATA)>

<!ELEMENT mac-address (#PCDATA)>

<!ELEMENT maximum-lease-time (#PCDATA)>

<!ELEMENT message (message-name | message-count)*>

```

```
<!ELEMENT message-count (#PCDATA)>

<!ELEMENT message-direction (#PCDATA)>

<!ELEMENT message-name (#PCDATA)>

<!ELEMENT message-table (message-direction | message)*>

<!ELEMENT minimum-lease-time (#PCDATA)>

<!ELEMENT offered-lease-count (#PCDATA)>

<!ELEMENT printable-data-line (#PCDATA)>

<!ELEMENT relay-information (bootp-received-packets | bootp-forwarded-packets |
bootp-dropped-packets | bootp-dropped-packets-nointerface |
bootp-dropped-packets-nortinst | bootp-dropped-packets-badread |
bootp-dropped-packets-badsend | bootp-dropped-packets-badaddr |
bootp-dropped-packets-nolocaladdr | bootp-dropped-packets-noroute)*>
```


CHAPTER 35

DTD for Dialer Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dood.dtd`, which lists the Junos XML tags that contain information about dialer response tags. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->  
<!-- All rights reserved. -->  
<!-- junos-dood.dtd -->
```

```
<!ELEMENT activation-delay (#PCDATA)>
```

```
<!ELEMENT activation-delay-elapsed (#PCDATA)>
```

```
<!ELEMENT backup EMPTY>
```

```
<!ELEMENT call-idle-timeout (#PCDATA)>
```

```
<!ELEMENT callback-wait-period (#PCDATA)>
```

```
<!ELEMENT callback-wait-period-elapsed (#PCDATA)>
```

```
<!ELEMENT deactivation-delay (#PCDATA)>
```

```
<!ELEMENT deactivation-delay-elapsed (#PCDATA)>
```

```
<!ELEMENT default-activation-delay (#PCDATA)>
```

```
<!ELEMENT default-callback-wait-period (#PCDATA)>
```

```
<!ELEMENT default-deactivation-delay (#PCDATA)>
```

```
<!ELEMENT default-idle-timeout (#PCDATA)>
```

```
<!ELEMENT default-initial-route-check (#PCDATA)>
```

```
<!ELEMENT default-load-interval (#PCDATA)>
```

```
<!ELEMENT default-load-threshold (#PCDATA)>
```

```
<!ELEMENT default-pool-priority (#PCDATA)>
```

```
<!ELEMENT default-redial-delay (#PCDATA)>
```

```
<!ELEMENT dial-string (#PCDATA)>
```

```
<!ELEMENT dial-string-list (dial-string)*>
<!ATTLIST dial-string-list junos:style CDATA #IMPLIED>

<!ELEMENT dialer-defaults-information (default-idle-timeout |
default-activation-delay | default-deactivation-delay | default-initial-route-check
| default-pool-priority | default-load-threshold | default-load-interval |
default-redial-delay | default-callback-wait-period)*>

<!ELEMENT dialer-info (dialer-interface-name | dialer-interface-state |
dialer-interface-flags)*>

<!ELEMENT dialer-interface (dialer-interface-name | dialer-interface-state |
dialer-interface-flags | pool-id | primary-interface | dial-string-list |
sub-interface-list | watch-list | activation-delay | deactivation-delay |
activation-delay-elapsed | deactivation-delay-elapsed | call-idle-timeout |
initial-route-check | redial-delay | callback-wait-period |
callback-wait-period-elapsed | load-threshold | load-interval)*>

<!ELEMENT dialer-interface-flags (backup | multilink | watchlist |
interesting-detected)*>

<!ELEMENT dialer-interface-information (dialer-interface)*>
<!ATTLIST dialer-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT dialer-interface-name (#PCDATA)>

<!ELEMENT dialer-interface-state (#PCDATA)>

<!ELEMENT dialer-pool (pool-id | pool-member-list)*>

<!ELEMENT dialer-pool-information (dialer-pool)*>
<!ATTLIST dialer-pool-information junos:style CDATA #IMPLIED>

<!ELEMENT initial-route-check (#PCDATA)>

<!ELEMENT interesting-detected EMPTY>

<!ELEMENT load-interval (#PCDATA)>

<!ELEMENT load-threshold (#PCDATA)>

<!ELEMENT multilink EMPTY>

<!ELEMENT pool-id (#PCDATA)>

<!ELEMENT pool-member-list (dialer-info | sub-info)*>

<!ELEMENT pool-priority (#PCDATA)>

<!ELEMENT primary-interface (#PCDATA)>

<!ELEMENT redial-delay (#PCDATA)>

<!ELEMENT sub-info (sub-interface-name | sub-interface-flags | pool-priority)*>

<!ELEMENT sub-interface-flags (#PCDATA)>

<!ELEMENT sub-interface-list (sub-interface-name)*>
<!ATTLIST sub-interface-list junos:style CDATA #IMPLIED>
```

```
<!ELEMENT sub-interface-name (#PCDATA)>

<!ELEMENT watch-list (watch-route)*>
<!ATTLIST watch-list junos:style CDATA #IMPLIED>

<!ELEMENT watch-route (#PCDATA)>

<!ELEMENT watchlist EMPTY>
```


DTD for Dynamic Configuration Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-dynamic-configuration.dtd`, which lists the Junos XML tags that contain information about dynamic configuration response tags. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-dynamic-configuration.dtd -->

<!ELEMENT accounting-interval (#PCDATA)>

<!ELEMENT accounting-session-id (#PCDATA)>

<!ELEMENT accounting-time-quota (#PCDATA)>

<!ELEMENT accounting-type (#PCDATA)>

<!ELEMENT accounting-volume-quota (#PCDATA)>

<!ELEMENT ack-received (#PCDATA)>

<!ELEMENT ack-sent (#PCDATA)>

<!ELEMENT action (#PCDATA)>

<!ELEMENT address-pool (#PCDATA)>

<!ELEMENT aggregate-type (#PCDATA)>

<!ELEMENT attribute-name (#PCDATA)>

<!ELEMENT attribute-value (#PCDATA)>

<!ELEMENT backpressure (#PCDATA)>

<!ELEMENT calling-station-id (#PCDATA)>

<!ELEMENT client-session-info (accounting-session-id | address-pool | interface
| ip-address | ip-address-mask | ipv6-address | ipv6-prefix |
ipv6-network-prefix-len | logical-system | profile | mac-address | nas-port-type
| routing-instance | session-id | client-session-type | user-name |
dhcp-gi-address | ifl-type | service-bundle | nas-ipv6-address | login-ipv6-host
```

```
| delegated-ipv6-prefix | framed-interface-id | framed-ipv6-pool | aggregate-type
| logical-interface | accounting-type | accounting-interval | state |
dynamic-configuration-info | session-ids | config-bits | vlan-tag | svlan-tag |
service-type | framed-protocol | calling-station-id)*>

<!ELEMENT client-session-type (#PCDATA)>

<!ELEMENT collect-perf (#PCDATA)>

<!ELEMENT config-bits (#PCDATA)>

<!ELEMENT connection (peer-name | connection-status | socket | queue)*>

<!ELEMENT connection-status (#PCDATA)>

<!ELEMENT consumer-message-counters (msg-received | ack-sent | nak-sent)*>

<!ELEMENT consumer-received (#PCDATA)>

<!ELEMENT consumer-sent (#PCDATA)>

<!ELEMENT cur-index (#PCDATA)>

<!ELEMENT delegated-ipv6-prefix (#PCDATA)>

<!ELEMENT dhcp-gi-address (#PCDATA)>

<!ELEMENT dynamic-configuration-attribute (attribute-name | attribute-value)*>

<!ELEMENT dynamic-configuration-info (dynamic-configuration-attribute)*>

<!ELEMENT dynamic-configuration-information (session-ids | client-session-info |
service-session-info | results | profile-results)*>

<!ELEMENT entry-delta-microseconds (#PCDATA)>

<!ELEMENT entry-delta-microseconds-perf (#PCDATA)>

<!ELEMENT entry-delta-seconds (#PCDATA)>

<!ELEMENT entry-delta-seconds-perf (#PCDATA)>

<!ELEMENT failure (#PCDATA)>

<!ELEMENT failure-reason (#PCDATA)>

<!ELEMENT framed-interface-id (#PCDATA)>

<!ELEMENT framed-ipv6-pool (#PCDATA)>

<!ELEMENT framed-protocol (#PCDATA)>

<!ELEMENT frozen (#PCDATA)>

<!ELEMENT ifl-type (#PCDATA)>

<!ELEMENT index (#PCDATA)>

<!ELEMENT index-perf (#PCDATA)>

<!ELEMENT interface (#PCDATA)>
```

```
<!ELEMENT ip-address (#PCDATA)>
<!ELEMENT ip-address-mask (#PCDATA)>
<!ELEMENT ipc-errors (#PCDATA)>
<!ELEMENT ipc-received (#PCDATA)>
<!ELEMENT ipc-sent (#PCDATA)>
<!ELEMENT ipv6-address (#PCDATA)>
<!ELEMENT ipv6-network-prefix-len (#PCDATA)>
<!ELEMENT ipv6-prefix (#PCDATA)>
<!ELEMENT ivol-ctxsw-perf (#PCDATA)>
<!ELEMENT log-name (#PCDATA)>
<!ELEMENT log-prefix (#PCDATA)>
<!ELEMENT log-prefix-perf (#PCDATA)>
<!ELEMENT logged-data (#PCDATA)>
<!ELEMENT logged-data-perf (#PCDATA)>
<!ELEMENT logical-interface (#PCDATA)>
<!ELEMENT logical-system (#PCDATA)>
<!ELEMENT login-ipv6-host (#PCDATA)>
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT max-data (#PCDATA)>
<!ELEMENT max-entries (#PCDATA)>
<!ELEMENT max-msg-pending (#PCDATA)>
<!ELEMENT msg-complete (#PCDATA)>
<!ELEMENT msg-held (#PCDATA)>
<!ELEMENT msg-pending (#PCDATA)>
<!ELEMENT msg-posted (#PCDATA)>
<!ELEMENT msg-received (#PCDATA)>
<!ELEMENT msg-sent (#PCDATA)>
<!ELEMENT nak-received (#PCDATA)>
<!ELEMENT nak-sent (#PCDATA)>
<!ELEMENT name (#PCDATA)>
```

```
<!ELEMENT nas-ipv6-address (#PCDATA)>

<!ELEMENT nas-port-type (#PCDATA)>

<!ELEMENT peer-name (#PCDATA)>

<!ELEMENT performance-counters (socket-received | socket-sent | socket-errors |
ipc-received | ipc-sent | ipc-errors)*>

<!ELEMENT process-id (#PCDATA)>

<!ELEMENT process-id-perf (#PCDATA)>

<!ELEMENT producer-message-counters (msg-sent | ack-received | nak-received |
backpressure)*>

<!ELEMENT producer-received (#PCDATA)>

<!ELEMENT producer-sent (#PCDATA)>

<!ELEMENT profile (#PCDATA)>

<!ELEMENT profile-action (#PCDATA)>

<!ELEMENT profile-name (#PCDATA)>

<!ELEMENT profile-results (profile-name | profile-action | session-id |
session-type | request-result | failure-reason | config-bits)*>
<!-- profile-results junos:style CDATA #IMPLIED -->

<!ELEMENT queue (msg-complete | msg-posted | msg-pending | max-msg-pending |
msg-held)*>

<!ELEMENT request-result (#PCDATA)>

<!ELEMENT results (action | session-type | session-id | success | failure)*>
<!-- results junos:style CDATA #IMPLIED -->

<!ELEMENT role (#PCDATA)>

<!ELEMENT routing-instance (#PCDATA)>

<!ELEMENT running-time-microseconds (#PCDATA)>

<!ELEMENT running-time-microseconds-perf (#PCDATA)>

<!ELEMENT running-time-seconds (#PCDATA)>

<!ELEMENT running-time-seconds-perf (#PCDATA)>

<!ELEMENT service-bundle (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT service-session-info (session-id | start-time | service-name |
accounting-session-id | accounting-type | accounting-interval |
accounting-volume-quota | accounting-time-quota | state |
dynamic-configuration-info)*>

<!ELEMENT service-type (#PCDATA)>
```



```

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-ids (session-id)*>
<!-- ATTLIST session-ids junos:style CDATA #IMPLIED -->

<!ELEMENT session-type (#PCDATA)>

<!ELEMENT shm-ipc-statistics (user | failure-reason)*>

<!ELEMENT socket (consumer-received | consumer-sent | producer-received |
producer-sent)*>

<!ELEMENT socket-errors (#PCDATA)>

<!ELEMENT socket-received (#PCDATA)>

<!ELEMENT socket-sent (#PCDATA)>

<!ELEMENT start-time (#PCDATA)>
<!-- ATTLIST start-time junos:seconds CDATA #IMPLIED -->

<!ELEMENT state (#PCDATA)>

<!ELEMENT status (#PCDATA)>

<!ELEMENT success EMPTY>

<!ELEMENT svlan-tag (#PCDATA)>

<!ELEMENT system-cpu-microseconds-perf (#PCDATA)>

<!ELEMENT system-cpu-seconds-perf (#PCDATA)>

<!ELEMENT system-time-microseconds (#PCDATA)>

<!ELEMENT system-time-microseconds-perf (#PCDATA)>

<!ELEMENT system-time-seconds (#PCDATA)>

<!ELEMENT system-time-seconds-perf (#PCDATA)>

<!ELEMENT thread-id (#PCDATA)>

<!ELEMENT thread-id-perf (#PCDATA)>

<!ELEMENT tracelog-data (tracelog-entry)*>

<!ELEMENT tracelog-data-performance (tracelog-entry-performance)*>

<!ELEMENT tracelog-entry (log-prefix | index | process-id | thread-id |
entry-delta-seconds | entry-delta-microseconds | running-time-seconds |
running-time-microseconds | system-time-seconds | system-time-microseconds |
logged-data)*>

<!ELEMENT tracelog-entry-performance (log-prefix-perf | index-perf |
process-id-perf | thread-id-perf | entry-delta-seconds-perf |
entry-delta-microseconds-perf | running-time-seconds-perf |
running-time-microseconds-perf | user-cpu-seconds-perf | user-cpu-microseconds-perf
| system-cpu-seconds-perf | system-cpu-microseconds-perf |
system-time-seconds-perf | system-time-microseconds-perf | vol-ctxsw-perf |
ivol-ctxsw-perf | logged-data-perf)*>

```

```
<!ELEMENT tracelog-information (tracelog-status-info)*>

<!ELEMENT tracelog-status-info (log-name | max-entries | cur-index | max-data |
wrap-cnt | wrapable | frozen | collect-perf)*>

<!ELEMENT user (name | role | status | performance-counters |
producer-message-counters | consumer-message-counters | connection)*>

<!ELEMENT user-cpu-microseconds-perf (#PCDATA)>

<!ELEMENT user-cpu-seconds-perf (#PCDATA)>

<!ELEMENT user-name (#PCDATA)>

<!ELEMENT vlan-tag (#PCDATA)>

<!ELEMENT vol-ctxsw-perf (#PCDATA)>

<!ELEMENT wrap-cnt (#PCDATA)>

<!ELEMENT wrapable (#PCDATA)>
```

DTD for Firewall Filter Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-filter.dtd`, which lists the Junos XML tags that contain information about firewall filters. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-filter.dtd -->

<!ELEMENT action-name (#PCDATA)>

<!ELEMENT byte-count (#PCDATA)>

<!ELEMENT counter (counter-name | byte-count | packet-count)*>

<!ELEMENT counter-name (#PCDATA)>

<!ELEMENT destination-address (#PCDATA)>

<!ELEMENT filter-information (filter-name | counter | policer | filter-version)*>

<!ELEMENT filter-name (#PCDATA)>

<!ELEMENT filter-version (filter-name | version)*>

<!ELEMENT firewall-db-object-config (#PCDATA)>

<!ELEMENT firewall-db-object-counts (firewall-db-object-type |
firewall-db-object-dynamic | firewall-db-object-config |
firewall-db-object-kernel)*>

<!ELEMENT firewall-db-object-dynamic (#PCDATA)>

<!ELEMENT firewall-db-object-information (firewall-db-object-counts)*>

<!ELEMENT firewall-db-object-kernel (#PCDATA)>

<!ELEMENT firewall-db-object-type (#PCDATA)>

<!ELEMENT firewall-debug-information (firewall-debug-str)*>

<!ELEMENT firewall-debug-str (#PCDATA)>

<!ELEMENT firewall-alloc-information (firewall-alloc-stats)*>
```

```
<!ELEMENT firewall-emalloc-max-allocated (#PCDATA)>

<!ELEMENT firewall-emalloc-num-times (#PCDATA)>

<!ELEMENT firewall-emalloc-phase (#PCDATA)>

<!ELEMENT firewall-emalloc-stats (firewall-emalloc-phase | firewall-emalloc-type
| firewall-emalloc-num-times | firewall-emalloc-max-allocated)*>

<!ELEMENT firewall-emalloc-type (#PCDATA)>

<!ELEMENT firewall-information (filter-information)*>

<!ELEMENT firewall-log-information (log-information)*>

<!ELEMENT firewall-prefix-action-information (filter-name | counter | policer)*>

<!ELEMENT icmp-code (#PCDATA)>

<!ELEMENT icmp-type (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT log-information (time | filter-name | action-name | interface-name |
protocol-name | source-address | destination-address | packet-length | icmp-type
| icmp-code)*>
<!-- ATTENTION: The following element is implied by the log-information element -->
<!ATTLIST log-information junos:style CDATA #IMPLIED>

<!ELEMENT packet-count (#PCDATA)>

<!ELEMENT packet-length (#PCDATA)>

<!ELEMENT policer (policer-name | packet-count)*>

<!ELEMENT policer-name (#PCDATA)>

<!ELEMENT protocol-name (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>

<!ELEMENT time (#PCDATA)>

<!ELEMENT version (#PCDATA)>
```

CHAPTER 38

DTD for J20 GGSN Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ggsn.dtd`, which lists the Junos XML tags that contain information about J20 GGSN. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-ggsn.dtd -->

<!ELEMENT accounting-failure (#PCDATA)>

<!ELEMENT activation-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT activation-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT activation-bearer-ctrl-reject (#PCDATA)>

<!ELEMENT activation-bearer-ctrl-upgrade (#PCDATA)>

<!ELEMENT activation-no-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT activation-no-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT activation-no-bearer-ctrl-reject (#PCDATA)>

<!ELEMENT active-predifened-charging-rulbases (#PCDATA)>

<!ELEMENT active-predifened-charging-rules (#PCDATA)>

<!ELEMENT active-sessions (#PCDATA)>

<!ELEMENT active-time (#PCDATA)>

<!ELEMENT active-tunnels (#PCDATA)>

<!ELEMENT address (#PCDATA)>

<!ELEMENT apn-name (#PCDATA)>

<!ELEMENT apn-pdp-context-deletion-results (apn-name | user-category |
interface-pdp-context-deletion-information)*>

<!ELEMENT apn-statistics (name | pdp-context-statistics | gtp-error-statistics |
uplink | downlink | ggsn-pdp-per-user-category | radius-statistics-information
```

```
| rulespace-based-charging-statistics | signalling | tft-filter-count |
neighbor-solicitation-req-received | neighbor-solicitation-req-responded |
router-solicitation-req-received | router-solicitation-req-responded)*>

<!ELEMENT apn-statistics-information (apn-statistics | sbcc-statistics-information
| service-based-charging-for-gx)*>

<!ELEMENT authentication-failure (#PCDATA)>

<!ELEMENT authorization-discard-information (authorization-discard-statistics)*>

<!ELEMENT authorization-discard-statistics (service-class-source | packets |
bytes)*>

<!ELEMENT authorization-failure (#PCDATA)>

<!ELEMENT billing-gateway (address | time-connected)*>

<!ELEMENT bytes (#PCDATA)>

<!ELEMENT bytes-ipv6 (#PCDATA)>

<!ELEMENT call-trace (imsi | msisdn | time-started | nsapi-information)*>

<!ELEMENT call-trace-information (number-enabled | number-active | call-trace)*>

<!ELEMENT ccas-authorization-failure (#PCDATA)>

<!ELEMENT ccas-cc-not-applicable (#PCDATA)>

<!ELEMENT ccas-identifier (#PCDATA)>

<!ELEMENT ccas-information (ccas-statistics)*>

<!ELEMENT ccas-start-request (#PCDATA)>

<!ELEMENT ccas-start-request-failed (#PCDATA)>

<!ELEMENT ccas-statistics (ccas-identifier | ccas-start-request |
ccas-start-request-failed | ccas-update-request | ccas-update-request-failed |
ccas-stop-request | ccas-stop-request-failed | ccas-user-service-denied |
ccas-user-unknown | ccas-authorization-failure | ccas-cc-not-applicable)*>

<!ELEMENT ccas-stop-request (#PCDATA)>

<!ELEMENT ccas-stop-request-failed (#PCDATA)>

<!ELEMENT ccas-update-request (#PCDATA)>

<!ELEMENT ccas-update-request-failed (#PCDATA)>

<!ELEMENT ccas-user-service-denied (#PCDATA)>

<!ELEMENT ccas-user-unknown (#PCDATA)>

<!ELEMENT ccr-identifier (#PCDATA)>

<!ELEMENT ccr-statistics (ccr-identifier | authorization-failure |
authentication-failure | session-failure)*>

<!ELEMENT charging-identifier (#PCDATA)>
```

```
<!ELEMENT charging-statistics-information (encoded-cdrs | failed-encoded-cdrs |
generated-ftp-cdrs | generated-gtp-cdrs | gtp-log-cdrs | gtp-send-attempted-cdrs
| gtp-send-failed-cdrs)*>

<!ELEMENT control-rx-packets (#PCDATA)>

<!ELEMENT control-tx-packets (#PCDATA)>

<!ELEMENT cpu-id (#PCDATA)>

<!ELEMENT cpu-info (cpu-id | cpu-load)*>

<!ELEMENT cpu-load (#PCDATA)>

<!ELEMENT create-request-received (#PCDATA)>

<!ELEMENT create-response-transmitted (#PCDATA)>

<!ELEMENT created-tunnels (#PCDATA)>

<!ELEMENT credit-start-request-attempted (#PCDATA)>

<!ELEMENT credit-start-request-failed (#PCDATA)>

<!ELEMENT credit-stop-request-attempted (#PCDATA)>

<!ELEMENT credit-stop-request-failed (#PCDATA)>

<!ELEMENT credit-update-request-attempted (#PCDATA)>

<!ELEMENT credit-update-request-failed (#PCDATA)>

<!ELEMENT daemon-name (#PCDATA)>

<!ELEMENT das-identifier (#PCDATA)>

<!ELEMENT das-information (das-statistics)*>

<!ELEMENT das-statistics (das-identifier | request)*>

<!ELEMENT data-record-transfer-statistics (request-transmitted | response-received
| request-accepted | error-no-resources | error-service-unsupported |
error-system-failure | error-invalid-request-format | error-version-unsupported
| error-request-unfulfilled | error-decoding-error | error-already-fulfilled |
error-duplicate-packet-fulfilled | send-data-record-packet)*>

<!ELEMENT data-rx-packets (#PCDATA)>

<!ELEMENT data-tx-packets (#PCDATA)>

<!ELEMENT default-apn-invalid (#PCDATA)>

<!ELEMENT default-apn-selected (#PCDATA)>

<!ELEMENT delete-request-received (#PCDATA)>

<!ELEMENT delete-request-transmitted (#PCDATA)>

<!ELEMENT delete-response-received (#PCDATA)>
```

```
<!ELEMENT delete-response-transmitted (#PCDATA)>

<!ELEMENT destination-port-range (#PCDATA)>

<!ELEMENT diffserv-code-point (#PCDATA)>

<!ELEMENT discard-rx-packets (#PCDATA)>

<!ELEMENT discard-tx-packets (#PCDATA)>

<!ELEMENT discarded-downlink (#PCDATA)>

<!ELEMENT discarded-uplink (#PCDATA)>

<!ELEMENT downlink (packets | packets-ipv6 | bytes | bytes-ipv6 | dropped-packets
  | dropped-packets-ipv6 | dropped-bytes | dropped-bytes-ipv6)*>

<!ELEMENT downlink-bitrate (#PCDATA)>

<!ELEMENT downlink-bytes (#PCDATA)>

<!ELEMENT downlink-packets (#PCDATA)>

<!ELEMENT downlink-statistics (#PCDATA)>

<!ELEMENT dropped-bytes (#PCDATA)>

<!ELEMENT dropped-bytes-ipv6 (#PCDATA)>

<!ELEMENT dropped-packets (#PCDATA)>

<!ELEMENT dropped-packets-ipv6 (#PCDATA)>

<!ELEMENT duration-time (#PCDATA)>

<!ELEMENT dynamic-charging-rules (#PCDATA)>

<!ELEMENT echo-request-statistics (request-received | request-transmitted |
  response-received | response-transmitted)*>

<!ELEMENT encoded-cdrs (#PCDATA)>

<!ELEMENT error-access-denied (#PCDATA)>

<!ELEMENT error-already-activated (#PCDATA)>

<!ELEMENT error-already-fulfilled (#PCDATA)>

<!ELEMENT error-authentication-failed (#PCDATA)>

<!ELEMENT error-decoding-error (#PCDATA)>

<!ELEMENT error-duplicate-packet-fulfilled (#PCDATA)>

<!ELEMENT error-indication-received (#PCDATA)>

<!ELEMENT error-indication-transmitted (#PCDATA)>

<!ELEMENT error-invalid-request-format (#PCDATA)>

<!ELEMENT error-invalid-request-format-when-delete (#PCDATA)>
```


<!ELEMENT error-invalid-request-format-when-update (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid-when-delete (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid-when-update (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing-when-delete (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing-when-update (#PCDATA)>
<!ELEMENT error-no-dynamic-address-available (#PCDATA)>
<!ELEMENT error-no-memory (#PCDATA)>
<!ELEMENT error-no-resources (#PCDATA)>
<!ELEMENT error-optional-ie-invalid (#PCDATA)>
<!ELEMENT error-optional-ie-invalid-when-delete (#PCDATA)>
<!ELEMENT error-optional-ie-invalid-when-update (#PCDATA)>
<!ELEMENT error-packet-filter-semantic (#PCDATA)>
<!ELEMENT error-packet-filter-semantic-when-update (#PCDATA)>
<!ELEMENT error-packet-filter-syntax (#PCDATA)>
<!ELEMENT error-packet-filter-syntax-when-update (#PCDATA)>
<!ELEMENT error-reference-invalid (#PCDATA)>
<!ELEMENT error-reference-invalid-when-delete (#PCDATA)>
<!ELEMENT error-reference-invalid-when-update (#PCDATA)>
<!ELEMENT error-request-unfulfilled (#PCDATA)>
<!ELEMENT error-service-unsupported (#PCDATA)>
<!ELEMENT error-system-failure (#PCDATA)>
<!ELEMENT error-system-failure-when-update (#PCDATA)>
<!ELEMENT error-tft-error-semantic (#PCDATA)>
<!ELEMENT error-tft-error-semantic-when-update (#PCDATA)>
<!ELEMENT error-tft-error-syntax (#PCDATA)>
<!ELEMENT error-tft-error-syntax-when-update (#PCDATA)>
<!ELEMENT error-unknown-apn (#PCDATA)>
<!ELEMENT error-unknown-pdp-address-or-type (#PCDATA)>

```
<!ELEMENT error-version-unsupported (#PCDATA)>

<!ELEMENT evaluation-precedence (#PCDATA)>

<!ELEMENT external-address (#PCDATA)>

<!ELEMENT external-credit-update (#PCDATA)>

<!ELEMENT external-credit-update-no-match (#PCDATA)>

<!ELEMENT external-prs-update (#PCDATA)>

<!ELEMENT external-prs-update-no-match (#PCDATA)>

<!ELEMENT external-update-failed (#PCDATA)>

<!ELEMENT failed-encoded-cdrs (#PCDATA)>

<!ELEMENT flow-label (#PCDATA)>

<!ELEMENT gate-discarded-downlink (#PCDATA)>

<!ELEMENT gate-discarded-uplink (#PCDATA)>

<!ELEMENT generated-ftp-cdrs (#PCDATA)>

<!ELEMENT generated-gtpp-cdrs (#PCDATA)>

<!ELEMENT ggsn-interface (service-interface | weighted-pdp-context-load-in-payload
| weighted-pdp-context-load-in-control | external-address | internal-address |
operating-function | hardware-version | software-version | pdp | resources |
tft-statistics | time-started | sbcc-statistics-information)*>

<!ELEMENT ggsn-interface-information (ggsn-interface)*>

<!ELEMENT ggsn-pdp-per-user-category (user-category-line)*>

<!ELEMENT ggsn-statistics (time-started | pdp-context-statistics |
interface-pdp-context-statistics-information | subscriber-count | uplink | downlink
| tft-filter-count | wlan-pdp-context-activation-procedures |
wlan-processed-uplink-bytes | wlan-dropped-uplink-packets |
wlan-processed-uplink-packets | wlan-completed-pdp-context-activations |
wlan-active-pdp-contexts | wlan-processed-downlink-bytes |
wlan-dropped-downlink-packets | wlan-processed-downlink-packets |
weighted-pdp-context-load | sbcc-statistics-information |
charging-statistics-information | radius-statistics-information)*>

<!ELEMENT gi-diffserv-code-point (#PCDATA)>

<!ELEMENT gn-diffserv-code-point (#PCDATA)>

<!ELEMENT gtp-error-statistics (request-accepted | error-indication-received |
error-indication-transmitted | error-version-unsupported |
error-invalid-request-format | error-invalid-request-format-when-update |
error-invalid-request-format-when-delete | error-no-resources |
error-no-dynamic-address-available | error-no-memory | error-unknown-apn |
error-unknown-pdp-address-or-type | error-authentication-failed |
error-system-failure | error-system-failure-when-update | error-tft-error-semantic
| error-tft-error-semantic-when-update | error-tft-error-syntax |
error-tft-error-syntax-when-update | error-packet-filter-semantic |
error-packet-filter-semantic-when-update | error-packet-filter-syntax |
```

```

error-packet-filter-syntax-when-update | error-mandatory-ie-missing |
error-mandatory-ie-missing-when-update | error-mandatory-ie-missing-when-delete
| error-mandatory-ie-invalid | error-mandatory-ie-invalid-when-update |
error-mandatory-ie-invalid-when-delete | error-optional-ie-invalid |
error-optional-ie-invalid-when-update | error-optional-ie-invalid-when-delete |
error-reference-invalid | error-reference-invalid-when-update |
error-reference-invalid-when-delete | error-service-unsupported |
error-already-activated | error-access-denied)*>

<!ELEMENT gtp-prime-error-statistics (error-mandatory-ie-missing |
error-mandatory-ie-invalid | error-optional-ie-invalid | error-reference-invalid)*>

<!ELEMENT gtp-prime-statistics (service-interface | echo-request-statistics |
version-unsupported-statistics | node-alive-request-statistics |
redirection-request-statistics | data-record-transfer-statistics |
gtp-prime-error-statistics)*>

<!ELEMENT gtp-prime-statistics-information (billing-gateway |
gtp-prime-statistics)*>

<!ELEMENT gtp-statistics (service-interface | uplink-packets | uplink-bytes |
downlink-packets | downlink-bytes | dropped-packets | active-tunnels |
created-tunnels | echo-request-statistics | version-unsupported-statistics |
pdp-request-statistics | gtp-error-statistics)*>

<!ELEMENT gtp-statistics-information (gtp-statistics)*>

<!ELEMENT gtp-log-cdrs (#PCDATA)>

<!ELEMENT gtp-send-attempted-cdrs (#PCDATA)>

<!ELEMENT gtp-send-failed-cdrs (#PCDATA)>

<!ELEMENT hardware-version (#PCDATA)>

<!ELEMENT ims-dedicated-completed-activation (#PCDATA)>

<!ELEMENT ims-dedicated-failed-activation (#PCDATA)>

<!ELEMENT ims-general-active-failed-activation (#PCDATA)>

<!ELEMENT ims-general-completed-activation (#PCDATA)>

<!ELEMENT ims-general-failed-activation (#PCDATA)>

<!ELEMENT ims-signalling-packets-drops (#PCDATA)>

<!ELEMENT imsi (#PCDATA)>

<!ELEMENT incoming (packets | bytes)*>

<!ELEMENT inspection-information (packet-inspection)*>

<!ELEMENT interface-action (#PCDATA)>

<!ELEMENT interface-action-results (interface-action | service-interface |
daemon-name)*>

<!ELEMENT interface-pdp-context-deletion (pdp-deleted | service-interface)*>

<!ELEMENT interface-pdp-context-deletion-information

```

```
(interface-pdp-context-deletion)*>

<!ELEMENT interface-pdp-context-statistics (service-interface |
pdp-context-statistics)*>

<!ELEMENT interface-pdp-context-statistics-information
(interface-pdp-context-statistics)*>

<!ELEMENT internal-address (#PCDATA)>

<!ELEMENT l2tp-tunnel-packet-statistics (control-tx-packets | control-rx-packets
| data-tx-packets | data-rx-packets | discard-tx-packets | discard-rx-packets)*>

<!ELEMENT l2tp-tunnel-statistics (local-tid | remote-tid | local-ip | remote-ip
| active-sessions | l2tp-tunnel-packet-statistics)*>

<!ELEMENT l2tp-tunnel-statistics-information (l2tp-tunnel-statistics)*>

<!ELEMENT local-ip (#PCDATA)>

<!ELEMENT local-tid (#PCDATA)>

<!ELEMENT logical-apn-statistics (name | pdp-attempted-activation | pdp-blocked
| default-apn-selected | default-apn-invalid | username-based-apn-selected |
username-based-apn-invalid)*>

<!ELEMENT logical-apn-statistics-information (logical-apn-statistics)*>

<!ELEMENT maximum-tft-filter-depth (#PCDATA)>

<!ELEMENT mean-tft-filter-depth (#PCDATA)>

<!ELEMENT memory-total (#PCDATA)>

<!ELEMENT memory-used (#PCDATA)>

<!ELEMENT mobile-user (imsi | msisdn | pdp-context-information)*>

<!ELEMENT mobile-user-information (mobile-user)*>

<!ELEMENT modification-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-deactivate (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-upgrade (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-deactivate (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT msisdn (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT neighbor-solicitation-req-received (#PCDATA)>

<!ELEMENT neighbor-solicitation-req-responded (#PCDATA)>
```

```
<!ELEMENT node-action (#PCDATA)>

<!ELEMENT node-action-results (node-action)*>

<!ELEMENT node-alive-request-statistics (request-received | request-transmitted
| response-received | response-transmitted)*>

<!ELEMENT nsapi (#PCDATA)>

<!ELEMENT nsapi-information (nsapi)*>

<!ELEMENT nsapi-linked (#PCDATA)>

<!ELEMENT number-active (#PCDATA)>

<!ELEMENT number-enabled (#PCDATA)>

<!ELEMENT operating-function (#PCDATA)>

<!ELEMENT outgoing (packets | bytes)*>

<!ELEMENT packet-filter (evaluation-precedence | source-address | source-mask |
source-port-range | destination-port-range | diffserv-code-point | flow-label |
spi | protocol)*>

<!ELEMENT packet-filter-information (packet-filter)*>

<!ELEMENT packet-inspection (#PCDATA)>

<!ELEMENT packets (#PCDATA)>

<!ELEMENT packets-ipv6 (#PCDATA)>

<!ELEMENT pdp (pdp-state | pdp-assigned | pdp-capacity)*>

<!ELEMENT pdp-active (#PCDATA)>

<!ELEMENT pdp-active-background (#PCDATA)>

<!ELEMENT pdp-active-conversational (#PCDATA)>

<!ELEMENT pdp-active-imsi (#PCDATA)>

<!ELEMENT pdp-active-interactive (#PCDATA)>

<!ELEMENT pdp-active-ipv6 (#PCDATA)>

<!ELEMENT pdp-active-l2tp-sessions (#PCDATA)>

<!ELEMENT pdp-active-l2tp-tunnels (#PCDATA)>

<!ELEMENT pdp-active-msisdn (#PCDATA)>

<!ELEMENT pdp-active-streaming (#PCDATA)>

<!ELEMENT pdp-apn-by-logical-apn-default (#PCDATA)>

<!ELEMENT pdp-apn-by-logical-apn-selection (#PCDATA)>

<!ELEMENT pdp-assigned (#PCDATA)>
```

```
<!ELEMENT pdp-assigned-msisdn (#PCDATA)>
<!ELEMENT pdp-assigned-shared-msisdn (#PCDATA)>
<!ELEMENT pdp-attempted-activation (#PCDATA)>
<!ELEMENT pdp-attempted-activation-dhcp (#PCDATA)>
<!ELEMENT pdp-attempted-activation-dynamic (#PCDATA)>
<!ELEMENT pdp-attempted-activation-ipv6 (#PCDATA)>
<!ELEMENT pdp-attempted-activation-local-pool (#PCDATA)>
<!ELEMENT pdp-attempted-activation-radius (#PCDATA)>
<!ELEMENT pdp-attempted-authentication-activation (#PCDATA)>
<!ELEMENT pdp-attempted-deactivation (#PCDATA)>
<!ELEMENT pdp-attempted-mobile-activation (#PCDATA)>
<!ELEMENT pdp-attempted-mobile-deactivation (#PCDATA)>
<!ELEMENT pdp-attempted-mobile-sgsn-update (#PCDATA)>
<!ELEMENT pdp-attempted-node-deactivation (#PCDATA)>
<!ELEMENT pdp-blocked (#PCDATA)>
<!ELEMENT pdp-capacity (#PCDATA)>
<!ELEMENT pdp-completed-activation (#PCDATA)>
<!ELEMENT pdp-completed-activation-dhcp (#PCDATA)>
<!ELEMENT pdp-completed-activation-dynamic (#PCDATA)>
<!ELEMENT pdp-completed-activation-ipv6 (#PCDATA)>
<!ELEMENT pdp-completed-activation-local-pool (#PCDATA)>
<!ELEMENT pdp-completed-activation-radius (#PCDATA)>
<!ELEMENT pdp-completed-authentication-activation (#PCDATA)>
<!ELEMENT pdp-completed-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-idle-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-activation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-sgsn-update (#PCDATA)>
<!ELEMENT pdp-completed-node-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-session-deactivation (#PCDATA)>
```

```

<!ELEMENT pdp-context (nsapi | nsapi-linked | apn-name | sgsn-address | address
| charging-identifier | quality-of-service | traffic-flow-template-information)*>

<!ELEMENT pdp-context-deletion-results (mobile-user)*>

<!ELEMENT pdp-context-information (pdp-context)*>

<!ELEMENT pdp-context-statistics (pdp-active | pdp-active-conversational |
pdp-active-streaming | pdp-active-interactive | pdp-active-background |
pdp-active-ipv6 | pdp-active-imsi | pdp-active-msisdn | pdp-blocked |
pdp-apn-by-logical-apn-selection | pdp-apn-by-logical-apn-default |
pdp-assigned-msisdn | pdp-assigned-shared-msisdn | pdp-attempted-activation |
pdp-attempted-activation-ipv6 | pdp-completed-activation |
pdp-completed-activation-ipv6 | pdp-attempted-activation-dhcp |
pdp-completed-activation-dhcp | pdp-attempted-activation-radius |
pdp-completed-activation-radius | pdp-attempted-activation-local-pool |
pdp-completed-activation-local-pool | pdp-attempted-activation-dynamic |
pdp-completed-activation-dynamic | pdp-attempted-mobile-activation |
pdp-completed-mobile-activation | pdp-attempted-deactivation |
pdp-completed-deactivation | pdp-attempted-node-deactivation |
pdp-completed-node-deactivation | pdp-completed-idle-deactivation |
pdp-completed-session-deactivation | pdp-attempted-mobile-deactivation |
pdp-completed-mobile-deactivation | pdp-attempted-authentication-activation |
pdp-completed-authentication-activation | pdp-attempted-mobile-sgsn-update |
pdp-completed-mobile-sgsn-update | pdp-created | pdp-created-ipv6 |
pdp-create-failed | pdp-create-failed-ipv6 | pdp-secondary-created |
pdp-secondary-created-ipv6 | pdp-secondary-create-failed |
pdp-secondary-attempted-ipv6 | pdp-secondary-completed-ipv6 | pdp-last-create |
pdp-secondary-create-failed-ipv6 | pdp-updates | pdp-update-failed | pdp-deleted
| pdp-deleted-by-idle-supervision | pdp-deleted-by-session-supervision |
pdp-deleted-by-command | pdp-deleted-by-failure | pdp-delete-failed |
pdp-last-delete | pdp-successful-deactivations | pdp-failed-deactivations |
pdp-maximum | pdp-minimum | pdp-mean | pdp-active-l2tp-tunnels |
pdp-active-l2tp-sessions | pdp-maximum-active-l2tp-tunnels |
pdp-maximum-active-l2tp-sessions | ims-dedicated-completed-activation |
ims-dedicated-failed-activation | ims-general-completed-activation |
ims-general-failed-activation | ims-general-active-failed-activation |
ims-signalling-packets-drops)*>

<!ELEMENT pdp-create-failed (#PCDATA)>

<!ELEMENT pdp-create-failed-ipv6 (#PCDATA)>

<!ELEMENT pdp-created (#PCDATA)>

<!ELEMENT pdp-created-ipv6 (#PCDATA)>

<!ELEMENT pdp-delete-failed (#PCDATA)>

<!ELEMENT pdp-deleted (#PCDATA)>

<!ELEMENT pdp-deleted-by-command (#PCDATA)>

<!ELEMENT pdp-deleted-by-failure (#PCDATA)>

<!ELEMENT pdp-deleted-by-idle-supervision (#PCDATA)>

<!ELEMENT pdp-deleted-by-session-supervision (#PCDATA)>

<!ELEMENT pdp-diagnostics-per-apn (pdp-id)*>

```

```
<!ELEMENT pdp-failed-deactivations (#PCDATA)>

<!ELEMENT pdp-id (#PCDATA)>

<!ELEMENT pdp-initiated-deactivation (#PCDATA)>

<!ELEMENT pdp-last-create (#PCDATA)>
<!--ATTLIST pdp-last-create junos:seconds CDATA #IMPLIED-->

<!ELEMENT pdp-last-delete (#PCDATA)>
<!--ATTLIST pdp-last-delete junos:seconds CDATA #IMPLIED-->

<!ELEMENT pdp-maximum (#PCDATA)>

<!ELEMENT pdp-maximum-active-l2tp-sessions (#PCDATA)>

<!ELEMENT pdp-maximum-active-l2tp-tunnels (#PCDATA)>

<!ELEMENT pdp-mean (#PCDATA)>

<!ELEMENT pdp-minimum (#PCDATA)>

<!--ELEMENT pdp-request-statistics (create-request-received |
create-response-transmitted | update-request-received | update-request-transmitted
| update-response-received | update-response-transmitted | delete-request-received
| delete-request-transmitted | delete-response-received |
delete-response-transmitted)*-->

<!ELEMENT pdp-secondary-attempted-ipv6 (#PCDATA)>

<!ELEMENT pdp-secondary-completed-ipv6 (#PCDATA)>

<!ELEMENT pdp-secondary-create-failed (#PCDATA)>

<!--ELEMENT pdp-secondary-create-failed-ipv6 (#PCDATA)-->

<!ELEMENT pdp-secondary-created (#PCDATA)>

<!--ELEMENT pdp-secondary-created-ipv6 (#PCDATA)-->

<!--ELEMENT pdp-state (#PCDATA)-->

<!--ELEMENT pdp-successful-deactivations (#PCDATA)-->

<!--ELEMENT pdp-update-failed (#PCDATA)-->

<!--ELEMENT pdp-updates (#PCDATA)-->

<!--ELEMENT pras-identifier (#PCDATA)-->

<!--ELEMENT pras-information (pras-statistics)*-->

<!--ELEMENT pras-start-request (#PCDATA)-->

<!--ELEMENT pras-start-request-failed (#PCDATA)-->

<!--ELEMENT pras-statistics (pras-identifier | pras-start-request |
pras-start-request-failed | pras-update-request | pras-update-request-failed |
pras-stop-request | pras-stop-request-failed | pras-user-service-denied |
pras-user-unknown)*-->
```



```
<!ELEMENT pras-stop-request (#PCDATA)>

<!ELEMENT pras-stop-request-failed (#PCDATA)>

<!ELEMENT pras-update-request (#PCDATA)>

<!ELEMENT pras-update-request-failed (#PCDATA)>

<!ELEMENT pras-user-service-denied (#PCDATA)>

<!ELEMENT pras-user-unknown (#PCDATA)>

<!ELEMENT prepaid-context (#PCDATA)>

<!ELEMENT prepaid-pdp-creates-attempted (#PCDATA)>

<!ELEMENT prepaid-pdp-creates-failed (#PCDATA)>

<!ELEMENT prepaid-request (#PCDATA)>

<!ELEMENT prepaid-user (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT quality-of-service (gi-diffserv-code-point | gn-diffserv-code-point |
downlink-bitrate)*>

<!ELEMENT radius-authentication-failure (#PCDATA)>

<!ELEMENT radius-statistics-information (radius-authentication-failure |
accounting-failure)*>

<!ELEMENT rate-group-identifier (#PCDATA)>

<!ELEMENT rate-group-information (rate-group-statistics)*>

<!ELEMENT rate-group-statistics (rate-group-identifier | transactions-start |
transactions-success)*>

<!ELEMENT rating-initial-request-attempted (#PCDATA)>

<!ELEMENT rating-initial-request-failed (#PCDATA)>

<!ELEMENT rating-request (#PCDATA)>

<!ELEMENT rating-update-request-attempted (#PCDATA)>

<!ELEMENT rating-update-request-failed (#PCDATA)>

<!ELEMENT redirection-request-statistics (request-received | request-transmitted
| response-received | response-transmitted)*>

<!ELEMENT remote-ip (#PCDATA)>

<!ELEMENT remote-tid (#PCDATA)>

<!ELEMENT request (#PCDATA)>

<!ELEMENT request-accepted (#PCDATA)>

<!ELEMENT request-received (#PCDATA)>
```

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<!ELEMENT request-transmitted (#PCDATA)>

<!ELEMENT resources (cpu-info | memory-total | memory-used)*>

<!ELEMENT response-received (#PCDATA)>

<!ELEMENT response-transmitted (#PCDATA)>

<!ELEMENT router-solicitation-req-received (#PCDATA)>

<!ELEMENT router-solicitation-req-responded (#PCDATA)>

<!ELEMENT rs-identifier (#PCDATA)>

<!ELEMENT rs-statistics (rs-identifier | uplink-statistics | downlink-statistics
| service-instances | discarded-uplink | discarded-downlink |
gate-discarded-uplink | gate-discarded-downlink)*>

<!ELEMENT rulespace-based-charging-statistics (rs-statistics)*>

<!ELEMENT sbcc-statistics-information (prepaid-request | rating-request |
prepaid-user | prepaid-context | prepaid-pdp-creates-attempted |
prepaid-pdp-creates-failed | pdp-initiated-deactivation |
credit-start-request-attempted | credit-start-request-failed |
rating-initial-request-attempted | rating-initial-request-failed |
rating-update-request-attempted | rating-update-request-failed |
credit-update-request-attempted | credit-update-request-failed |
credit-stop-request-attempted | credit-stop-request-failed | external-prs-update
| external-prs-update-no-match | external-credit-update |
external-credit-update-no-match | external-update-failed | duration-time |
activation-bearer-ctrl-accept | activation-bearer-ctrl-reject |
activation-bearer-ctrl-upgrade | activation-bearer-ctrl-downgrade |
modification-bearer-ctrl-accept | modification-bearer-ctrl-deactivate |
modification-bearer-ctrl-upgrade | modification-bearer-ctrl-downgrade |
activation-no-bearer-ctrl-accept | activation-no-bearer-ctrl-reject |
activation-no-bearer-ctrl-downgrade | modification-no-bearer-ctrl-accept |
modification-no-bearer-ctrl-deactivate | modification-no-bearer-ctrl-downgrade |
das-information | pras-information | ccas-information | service-class-information
| service-identifier-information | rate-group-information |
authorization-discard-information)*>

<!ELEMENT send-data-record-packet (#PCDATA)>

<!ELEMENT service-based-charging-for-gx (ccr-statistics | dynamic-charging-rules
| active-predifened-charging-rules | active-predifened-charging-rulbases)*>

<!ELEMENT service-class-identifier (#PCDATA)>

<!ELEMENT service-class-information (service-class-statistics)*>

<!ELEMENT service-class-source (#PCDATA)>

<!ELEMENT service-class-statistics (service-class-identifier | uplink-bytes |
downlink-bytes | active-time)*>

<!ELEMENT service-id-identifier (#PCDATA)>

<!ELEMENT service-id-information (service-id-statistics)*>

<!ELEMENT service-id-statistics (service-id-identifier | uplink-bytes |
```

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downlink-bytes | transactions-charged | transactions-failed | transactions-start
| transactions-success)*>

<!ELEMENT service-identifier-information (#PCDATA)>

<!ELEMENT service-instances (#PCDATA)>

<!ELEMENT service-interface (#PCDATA)>

<!ELEMENT session-failure (#PCDATA)>

<!ELEMENT sgsn-address (#PCDATA)>

<!ELEMENT sgsn-statistics (address | pdp-context-statistics | uplink | downlink
| gtp-error-statistics)*>

<!ELEMENT sgsn-statistics-information (sgsn-statistics)*>

<!ELEMENT signalling (incoming | outgoing)*>

<!ELEMENT software-action-message (#PCDATA)>

<!ELEMENT software-action-results (software-action-message)*>

<!ELEMENT software-version (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>

<!ELEMENT source-mask (#PCDATA)>

<!ELEMENT source-port-range (#PCDATA)>

<!ELEMENT spi (#PCDATA)>

<!ELEMENT subscriber-count (#PCDATA)>

<!ELEMENT tft-filter-count (#PCDATA)>

<!ELEMENT tft-statistics (maximum-tft-filter-depth | mean-tft-filter-depth)*>

<!ELEMENT time-connected (#PCDATA)>
<ATTLIST time-connected junos:seconds CDATA #IMPLIED>

<!ELEMENT time-started (#PCDATA)>
<ATTLIST time-started junos:seconds CDATA #IMPLIED>

<!ELEMENT traffic-flow-template (packet-filter-information)*>

<!ELEMENT traffic-flow-template-information (traffic-flow-template)*>

<!ELEMENT transactions-charged (#PCDATA)>

<!ELEMENT transactions-failed (#PCDATA)>

<!ELEMENT transactions-start (#PCDATA)>

<!ELEMENT transactions-success (#PCDATA)>

<!ELEMENT update-request-received (#PCDATA)>

<!ELEMENT update-request-transmitted (#PCDATA)>
```

```
<!ELEMENT update-response-received (#PCDATA)>

<!ELEMENT update-response-transmitted (#PCDATA)>

<!ELEMENT uplink (packets | packets-ipv6 | bytes | bytes-ipv6 | dropped-packets
| dropped-packets-ipv6 | dropped-bytes | dropped-bytes-ipv6)*>

<!ELEMENT uplink-bytes (#PCDATA)>

<!ELEMENT uplink-packets (#PCDATA)>

<!ELEMENT uplink-statistics (#PCDATA)>

<!ELEMENT user-category (#PCDATA)>

<!ELEMENT user-category-line (user-category | pdp-active)*>

<!ELEMENT username-based-apn-invalid (#PCDATA)>

<!ELEMENT username-based-apn-selected (#PCDATA)>

<!ELEMENT version-unsupported-received (#PCDATA)>

<!ELEMENT version-unsupported-statistics (version-unsupported-received |
version-unsupported-transmitted)*>

<!ELEMENT version-unsupported-transmitted (#PCDATA)>

<!ELEMENT weighted-pdp-context-load (weighted-pdp-context-load-in-control |
weighted-pdp-context-load-in-payload)*>

<!ELEMENT weighted-pdp-context-load-in-control (#PCDATA)>

<!ELEMENT weighted-pdp-context-load-in-payload (#PCDATA)>

<!ELEMENT wlan-active-pdp-contexts (#PCDATA)>

<!ELEMENT wlan-completed-pdp-context-activations (#PCDATA)>

<!ELEMENT wlan-dropped-downlink-packets (#PCDATA)>

<!ELEMENT wlan-dropped-uplink-packets (#PCDATA)>

<!ELEMENT wlan-pdp-context-activation-procedures (#PCDATA)>

<!ELEMENT wlan-processed-downlink-bytes (#PCDATA)>

<!ELEMENT wlan-processed-downlink-packets (#PCDATA)>

<!ELEMENT wlan-processed-uplink-bytes (#PCDATA)>

<!ELEMENT wlan-processed-uplink-packets (#PCDATA)>
```

CHAPTER 39

DTD for GRES Test Point Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-gres-test-point.dtd`, which lists the Junos XML tags that contain information about GRES Test Point. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-gres-test-point.dtd -->

<!ELEMENT actions (trigger-after | delay | trigger-count | hold-database |
kernel-panic | daemon-restart)*>

<!ELEMENT daemon-restart EMPTY>

<!ELEMENT delay (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT gres-test-point-error (message)*>

<!ELEMENT gres-test-point-information (gres-test-point-list |
gres-test-point-error)*>
<!ATTLIST gres-test-point-information junos:style CDATA #IMPLIED>

<!ELEMENT gres-test-point-list (test-point)*>

<!ELEMENT hit-count (#PCDATA)>

<!ELEMENT hold-database (#PCDATA)>

<!ELEMENT id (#PCDATA)>

<!ELEMENT kernel-panic EMPTY>

<!ELEMENT message (#PCDATA)>

<!ELEMENT state (#PCDATA)>

<!ELEMENT test-point (id | description | state | hit-count | actions)*>

<!ELEMENT trigger-after (#PCDATA)>
```

<!ELEMENT trigger-count (#PCDATA)>

CHAPTER 40

DTD for UDP Forwarding Helper Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-helper.dtd`, which lists the Junos XML tags that contain information about UDP Forwarding helpers. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-helper.dtd -->

<!ELEMENT dropped-packets (#PCDATA)>

<!ELEMENT dropped-packets-badaddr (#PCDATA)>

<!ELEMENT dropped-packets-badread (#PCDATA)>

<!ELEMENT dropped-packets-badsend (#PCDATA)>

<!ELEMENT dropped-packets-nointerface (#PCDATA)>

<!ELEMENT dropped-packets-nolocaladdr (#PCDATA)>

<!ELEMENT dropped-packets-noroute (#PCDATA)>

<!ELEMENT dropped-packets-nortinst (#PCDATA)>

<!ELEMENT forwarded-packets (#PCDATA)>

<!ELEMENT helper-statistics-information (helper-statistics-service-information)*>

<!ELEMENT helper-statistics-service-information (service-name | received-packets
| forwarded-packets | dropped-packets | dropped-packets-nointerface |
dropped-packets-nortinst | dropped-packets-badread | dropped-packets-badsend |
dropped-packets-badaddr | dropped-packets-nolocaladdr | dropped-packets-noroute)*>

<!ELEMENT received-packets (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>
```


CHAPTER 41

DTD for ICCP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-iccpd.dtd`, which lists the Junos XML tags that contain information about ICCP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-iccpd.dtd -->

<!ELEMENT client-name (#PCDATA)>

<!ELEMENT client-rg-groups (#PCDATA)>

<!ELEMENT iccp-client (client-name | client-rg-groups)*>

<!ELEMENT iccp-information (iccp-peer | iccp-client)*>

<!ELEMENT iccp-peer (peer-address | peer-conn-state-information | rg-groups)*>

<!ELEMENT peer-address (#PCDATA)>

<!ELEMENT peer-conn-bfd-state (#PCDATA)>

<!ELEMENT peer-conn-state (peer-conn-tcp-state | peer-conn-bfd-state)*>

<!ELEMENT peer-conn-state-information (peer-conn-state)*>

<!ELEMENT peer-conn-tcp-state (#PCDATA)>

<!ELEMENT redundancy-group (#PCDATA)>

<!ELEMENT rg-group-entry (redundancy-group | rg-state)*>

<!ELEMENT rg-groups (rg-group-entry)*>

<!ELEMENT rg-state (#PCDATA)>
```


CHAPTER 42

DTD for IDP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-idp.dtd`, which lists the Junos XML tags that contain information about IDP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-idp.dtd -->

<!ELEMENT active-sessions (#PCDATA)>

<!ELEMENT attack-id (#PCDATA)>

<!ELEMENT attack-name (#PCDATA)>

<!ELEMENT attack-service-name (#PCDATA)>

<!ELEMENT auxiliary-flow (#PCDATA)>

<!ELEMENT average-latency-time (#PCDATA)>
<!-- ATTENTION: average-latency-time junos:seconds CDATA #IMPLIED -->

<!ELEMENT average-time (#PCDATA)>

<!ELEMENT cache-entries (#PCDATA)>

<!ELEMENT clear-idp-ssl-session-cache-information
(cleared-ssl-session-cache-count)*>

<!ELEMENT cleared-ssl-session-cache-count (#PCDATA)>

<!ELEMENT connections-per-sec (#PCDATA)>

<!ELEMENT context-direction (#PCDATA)>

<!ELEMENT context-name (#PCDATA)>

<!ELEMENT context-value (#PCDATA)>

<!ELEMENT context-values-per-tick (#PCDATA)>

<!ELEMENT contexts-per-tick (#PCDATA)>

<!ELEMENT current-icmp-flow-count (#PCDATA)>
```

```
<!ELEMENT current-other-flow-count (#PCDATA)>

<!ELEMENT current-tcp-flow-count (#PCDATA)>

<!ELEMENT current-udp-flow-count (#PCDATA)>

<!ELEMENT date-time (#PCDATA)>
<!ATTLIST date-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ddos-application (#PCDATA)>

<!ELEMENT ddos-context (#PCDATA)>

<!ELEMENT desc (#PCDATA)>

<!ELEMENT destination-address (#PCDATA)>

<!ELEMENT destination-port (#PCDATA)>

<!ELEMENT detector-version (#PCDATA)>

<!ELEMENT direction (#PCDATA)>

<!ELEMENT from-zone (#PCDATA)>

<!ELEMENT fw-service (#PCDATA)>

<!ELEMENT get-idp-addos-application-information (idp-addos-application)*>

<!ELEMENT get-idp-ssl-session-cache-information (idp-ssl-session-cache-count |
idp-ssl-session-cache-entry)*>

<!ELEMENT icmp-packet-count (#PCDATA)>

<!ELEMENT icmp-session-count (#PCDATA)>

<!ELEMENT id (#PCDATA)>

<!ELEMENT idp-addos-application (to-zone | destination-address | ddos-application
| connections-per-sec | ddos-context | contexts-per-tick | context-value |
context-values-per-tick)*>
<!ATTLIST idp-addos-application junos:style CDATA #IMPLIED>

<!ELEMENT idp-anomaly (attack-service-name | service-id | attack-name |
attack-id)*>

<!ELEMENT idp-anomaly-list (idp-anomaly)*>

<!ELEMENT idp-application (#PCDATA)>

<!ELEMENT idp-application-statistics (name | value)*>

<!ELEMENT idp-application-statistics-information (idp-application-statistics)*>

<!ELEMENT idp-application-system-cache-information
(idp-application-system-cache-pic)*>

<!ELEMENT idp-application-system-cache-pic (pic-name |
idp-application-system-cache-statistics)*>
```

```

<!ELEMENT idp-application-system-cache-statistics (virtual-system-identifier |
ip-address | ipv6-address | port | protocol | idp-service | idp-application)*>

<!ELEMENT idp-attack-groups (name)*>

<!ELEMENT idp-attack-information (idp-attack-statistics)*>

<!ELEMENT idp-attack-statistics (name | value)*>

<!ELEMENT idp-attacks-list (name)*>

<!ELEMENT idp-cache-aggregate-statistics (total-memory-used | cache-entries |
single-rules | multiple-rules)*>

<!ELEMENT idp-cache-rule (rule-pointer | rule-number | idp-service | protocol |
direction | auxiliary-flow | line-separator | memory-bytes)*>

<!ELEMENT idp-cache-rule-statistics (idp-cache-rule)*>

<!ELEMENT idp-cache-service (idp-service | memory-in-kb)*>

<!ELEMENT idp-cache-service-memory-statistics (idp-cache-service)*>

<!ELEMENT idp-cache-statistics (idp-cache-rule-statistics |
idp-cache-service-memory-statistics | idp-cache-aggregate-statistics)*>

<!ELEMENT idp-context-list (idp-contexts)*>

<!ELEMENT idp-contexts (service-name | context-name | offset-id |
context-direction)*>

<!ELEMENT idp-counter-information (idp-counter-statistics)*>

<!ELEMENT idp-counter-statistics (name | value)*>

<!ELEMENT idp-detail-status-information (idp-status-detail-per-spu-information)*>

<!ELEMENT idp-detector-version (#PCDATA)>

<!ELEMENT idp-detector-versions (#PCDATA)>

<!ELEMENT idp-forwarding-process-mode (#PCDATA)>

<!ELEMENT idp-icmp-flow-count (current-icmp-flow-count | maximum-icmp-flow-count
| maximum-icmp-flow-count-time | date-time)*>

<!ELEMENT idp-kbits-per-second (#PCDATA)>

<!ELEMENT idp-kbits-per-second-information (idp-kbits-per-second |
idp-peak-kbits-per-second | date-time)*>

<!ELEMENT idp-kbits-spu-per-second-information (idp-kbits-per-second |
idp-peak-kbits-per-second | date-time)*>

<!ELEMENT idp-latency (minimum-latency-time | maximum-latency-time |
average-latency-time)*>

<!ELEMENT idp-memory-information (idp-memory-per-spu-information)*>

<!ELEMENT idp-memory-per-spu-information (pic-name |
total-idp-data-plane-memory-in-mb | total-idp-data-plane-memory-used-in-mb |

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total-idp-data-plane-memory-used-in-kb |
total-idp-data-plane-memory-used-in-percentage |
total-idp-data-plane-memory-available-in-mb |
total-idp-data-plane-memory-available-in-kb |
total-idp-data-plane-memory-available-in-percentage)*>

<!ELEMENT idp-mode (idp-forwarding-process-mode)*>

<!ELEMENT idp-other-flow-count (current-other-flow-count | maximum-other-flow-count
| maximum-other-flow-count-time | date-time)*>

<!ELEMENT idp-packet-count (icmp-packet-count | tcp-packet-count | udp-packet-count
| other-packet-count)*>

<!ELEMENT idp-packets-per-second (#PCDATA)>

<!ELEMENT idp-packets-per-second-information (idp-packets-per-second |
idp-peak-packets-per-second | date-time)*>

<!ELEMENT idp-packets-spu-per-second-information (idp-packets-per-second |
idp-peak-packets-per-second | date-time)*>

<!ELEMENT idp-peak-kbits-per-second (#PCDATA)>

<!ELEMENT idp-peak-packets-per-second (#PCDATA)>

<!ELEMENT idp-policy (policy-load-templates)*>

<!ELEMENT idp-policy-commit-status (policy-commit-status-detail)*>

<!ELEMENT idp-policy-list-entry (id | policy-name | sessions | memory |
idp-detector-versions)*>

<!ELEMENT idp-policy-load-result (#PCDATA)>

<!ELEMENT idp-policy-name (#PCDATA)>

<!ELEMENT idp-policy-template-information (#PCDATA)>

<!ELEMENT idp-predefined-attack-groups (idp-attack-groups)*>

<!ELEMENT idp-predefined-attacks (idp-attacks-list)*>

<!ELEMENT idp-protocol-list (idp-protocols)*>

<!ELEMENT idp-protocols (protocol-name | protocol-type | port-number |
line-seperator | scope)*>

<!ELEMENT idp-qmodule (name | minimum-time | maximum-time | average-time |
number-of-packets | number-of-packets-dropped | number-of-error-packets)*>

<!ELEMENT idp-qmodule-information (idp-qmodule)*>

<!ELEMENT idp-recent-security-package-information
(recent-security-package-version)*>

<!ELEMENT idp-rule-information (idp-rule-name | idp-rulebase-type)*>

<!ELEMENT idp-rule-name (#PCDATA)>

<!ELEMENT idp-rulebase (idp-rule-information)*>
```

```

<!ELEMENT idp-rulebase-type (idp-rulebase-type-name | number-of-rules)*>

<!ELEMENT idp-rulebase-type-name (#PCDATA)>

<!ELEMENT idp-security-package-information (security-package-version |
detector-version | policy-template-version)*>

<!ELEMENT idp-service (#PCDATA)>

<!ELEMENT idp-session (session-identifier | source-address | source-port |
destination-address | destination-port | from-zone | to-zone | protocol |
idp-service | fw-service | timeout | maximum-timeout)*>

<!ELEMENT idp-session-count (icmp-session-count | tcp-session-count |
udp-session-count | other-session-count)*>

<!ELEMENT idp-session-information (idp-session)*>

<!ELEMENT idp-session-summary-information (idp-session-summary-per-pic-information
| total-sessions)*>

<!ELEMENT idp-session-summary-per-pic-information (pic-name | maximum-sessions |
active-sessions)*>

<!ELEMENT idp-sigdb-version (#PCDATA)>

<!ELEMENT idp-spu-icmp-flow-count (current-icmp-flow-count |
maximum-icmp-flow-count | maximum-icmp-flow-count-time | date-time)*>

<!ELEMENT idp-spu-latency (minimum-latency-time | maximum-latency-time |
average-latency-time)*>

<!ELEMENT idp-spu-other-flow-count (current-other-flow-count |
maximum-other-flow-count | maximum-other-flow-count-time | date-time)*>

<!ELEMENT idp-spu-packet-count (icmp-packet-count | tcp-packet-count |
udp-packet-count | other-packet-count)*>

<!ELEMENT idp-spu-session-count (icmp-session-count | tcp-session-count |
udp-session-count | other-session-count)*>

<!ELEMENT idp-spu-ssl-session-information (ssl-session-count)*>

<!ELEMENT idp-spu-tcp-flow-count (current-tcp-flow-count | maximum-tcp-flow-count
| maximum-tcp-flow-count-time | date-time)*>

<!ELEMENT idp-spu-udp-flow-count (current-udp-flow-count | maximum-udp-flow-count
| maximum-udp-flow-count-time | date-time)*>

<!ELEMENT idp-spu-uptime (pic-name | idp-status | date-time | time-length)*>

<!ELEMENT idp-ssl-key-count (#PCDATA)>

<!ELEMENT idp-ssl-key-information (idp-ssl-key-count |
idp-ssl-per-key-information)*>

<!ELEMENT idp-ssl-per-key-information (key-name | destination-address)*>

<!ELEMENT idp-ssl-session-cache-count (#PCDATA)>

```

```
<!ELEMENT idp-ssl-session-cache-entry (ssl-session-identifier)*>

<!ELEMENT idp-ssl-session-information (ssl-session-count)*>

<!ELEMENT idp-status (#PCDATA)>

<!ELEMENT idp-status-detail-per-spu-information (idp-spu-uptime |
idp-packets-spu-per-second-information | idp-kbits-spu-per-second-information |
idp-spu-latency | idp-spu-packet-count | idp-spu-icmp-flow-count |
idp-spu-tcp-flow-count | idp-spu-udp-flow-count | idp-spu-other-flow-count |
idp-spu-session-count | idp-spu-ssl-session-information)*>

<!ELEMENT idp-status-information (idp-uptime | idp-packets-per-second-information
| idp-kbits-per-second-information | idp-latency | idp-packet-count |
idp-icmp-flow-count | idp-tcp-flow-count | idp-udp-flow-count |
idp-other-flow-count | idp-session-count | idp-ssl-session-information)*>

<!ELEMENT idp-subscriber-policy-list (idp-subscriber-policy-per-pic-information)*>

<!ELEMENT idp-subscriber-policy-per-pic-information (pic-name |
idp-policy-list-entry)*>

<!ELEMENT idp-tcp-flow-count (current-tcp-flow-count | maximum-tcp-flow-count |
maximum-tcp-flow-count-time | date-time)*>

<!ELEMENT idp-udp-flow-count (current-udp-flow-count | maximum-udp-flow-count |
maximum-udp-flow-count-time | date-time)*>

<!ELEMENT idp-uptime (idp-status | date-time | time-length)*>

<!ELEMENT idp-version-information (idp-policy-name | idp-detector-version |
idp-sigdb-version)*>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT ipv6-address (#PCDATA)>

<!ELEMENT key-name (#PCDATA)>

<!ELEMENT key-number (#PCDATA)>

<!ELEMENT line-separator (#PCDATA)>

<!ELEMENT line-seperator (#PCDATA)>

<!ELEMENT maximum-icmp-flow-count (#PCDATA)>

<!ELEMENT maximum-icmp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-icmp-flow-count-time junos:seconds CDATA #IMPLIED>
<!ATTLIST maximum-icmp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-latency-time (#PCDATA)>
<!ATTLIST maximum-latency-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-other-flow-count (#PCDATA)>

<!ELEMENT maximum-other-flow-count-time (#PCDATA)>
<!ATTLIST maximum-other-flow-count-time junos:seconds CDATA #IMPLIED>
<!ATTLIST maximum-other-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-sessions (#PCDATA)>
```



```
<!ELEMENT maximum-tcp-flow-count (#PCDATA)>

<!ELEMENT maximum-tcp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-tcp-flow-count-time junos:seconds CDATA #IMPLIED>
<!ATTLIST maximum-tcp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-time (#PCDATA)>

<!ELEMENT maximum-timeout (#PCDATA)>

<!ELEMENT maximum-udp-flow-count (#PCDATA)>

<!ELEMENT maximum-udp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-udp-flow-count-time junos:seconds CDATA #IMPLIED>
<!ATTLIST maximum-udp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT memory (#PCDATA)>

<!ELEMENT memory-bytes (#PCDATA)>

<!ELEMENT memory-in-kb (#PCDATA)>

<!ELEMENT minimum-latency-time (#PCDATA)>
<!ATTLIST minimum-latency-time junos:seconds CDATA #IMPLIED>

<!ELEMENT minimum-time (#PCDATA)>

<!ELEMENT multiple-rules (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT number-of-error-packets (#PCDATA)>

<!ELEMENT number-of-packets (#PCDATA)>

<!ELEMENT number-of-packets-dropped (#PCDATA)>

<!ELEMENT number-of-rules (#PCDATA)>

<!ELEMENT offset-id (#PCDATA)>

<!ELEMENT other-packet-count (#PCDATA)>

<!ELEMENT other-session-count (#PCDATA)>

<!ELEMENT pic-name (#PCDATA)>

<!ELEMENT policy-commit-status-detail (#PCDATA)>

<!ELEMENT policy-load-templates (desc)*>

<!ELEMENT policy-name (#PCDATA)>

<!ELEMENT policy-template-version (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT port-number (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>
```

```
<!ELEMENT protocol-name (#PCDATA)>

<!ELEMENT protocol-type (#PCDATA)>

<!ELEMENT recent-security-package-version (#PCDATA)>

<!ELEMENT request-idp-policy-load (idp-policy-load-result)*>

<!ELEMENT request-idp-ssl-key-add (#PCDATA)>

<!ELEMENT request-idp-ssl-key-delete (key-number | server-number)*>

<!ELEMENT rule-number (#PCDATA)>

<!ELEMENT rule-pointer (#PCDATA)>

<!ELEMENT scope (#PCDATA)>

<!ELEMENT secpack-download-policy-template-detail (#PCDATA)>

<!ELEMENT secpack-download-policy-template-file
(secpack-download-policy-template-file-detail)*>

<!ELEMENT secpack-download-policy-template-file-detail (#PCDATA)>

<!ELEMENT secpack-download-policy-template-result
(secpack-download-policy-template-detail)*>

<!ELEMENT secpack-download-status (secpack-download-status-detail)*>

<!ELEMENT secpack-download-status-detail (#PCDATA)>

<!ELEMENT secpack-status-detail (#PCDATA)>

<!ELEMENT secpack-update-policy-template-detail (#PCDATA)>

<!ELEMENT secpack-update-policy-template-result
(secpack-update-policy-template-detail)*>

<!ELEMENT secpack-update-status (secpack-status-detail)*>

<!ELEMENT security-package-version (#PCDATA)>

<!ELEMENT server-number (#PCDATA)>

<!ELEMENT service-id (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT session-identifier (#PCDATA)>

<!ELEMENT sessions (#PCDATA)>

<!ELEMENT single-rules (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>

<!ELEMENT source-port (#PCDATA)>

<!ELEMENT ssl-session-count (#PCDATA)>
```

```
<!ELEMENT ssl-session-identifier (#PCDATA)>

<!ELEMENT tcp-packet-count (#PCDATA)>

<!ELEMENT tcp-session-count (#PCDATA)>

<!ELEMENT time-length (#PCDATA)>
<!ATTLIST time-length junos:seconds CDATA #IMPLIED>

<!ELEMENT timeout (#PCDATA)>

<!ELEMENT to-zone (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-available-in-kb (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-available-in-mb (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-available-in-percentage (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-in-mb (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-used-in-kb (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-used-in-mb (#PCDATA)>

<!ELEMENT total-idp-data-plane-memory-used-in-percentage (#PCDATA)>

<!ELEMENT total-memory-used (#PCDATA)>

<!ELEMENT total-sessions (#PCDATA)>

<!ELEMENT udp-packet-count (#PCDATA)>

<!ELEMENT udp-session-count (#PCDATA)>

<!ELEMENT value (#PCDATA)>

<!ELEMENT virtual-system-identifier (#PCDATA)>
```


CHAPTER 43

DTD for Interface Metadata Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-interface-metadata.dtd`, which lists the Junos XML tags that contain information about Interface Metadata. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-interface-metadata.dtd -->

<!ELEMENT channels (subunit)*>

<!ELEMENT flag (#PCDATA)>

<!ELEMENT interface (name | long | pics-per-slot | ports-per-slot | max-mtu |
flag | channels | max-channelization | product)*>

<!ELEMENT interface-metadata-information (interface)*>

<!ELEMENT long (#PCDATA)>

<!ELEMENT max-channelization (#PCDATA)>

<!ELEMENT max-mtu (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT pics-per-slot (#PCDATA)>

<!ELEMENT ports-per-slot (#PCDATA)>

<!ELEMENT product (#PCDATA)>

<!ELEMENT subunit (#PCDATA)>
```


DTD for Interfaces Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-interface.dtd`, which lists the Junos XML tags that contain information about interfaces. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-interface.dtd -->

<!ELEMENT ac-name (#PCDATA)>

<!ELEMENT ac-name-config (#PCDATA)>

<!ELEMENT ac-name-session (#PCDATA)>

<!ELEMENT activation-delay (#PCDATA)>

<!ELEMENT activation-delay-elapsed (#PCDATA)>

<!ELEMENT active-alarms (type | interface-alarms)*>

<!ELEMENT active-alarms-otn (type-otn | interface-alarms)*>

<!ELEMENT active-bundle-links (#PCDATA)>

<!ELEMENT active-defects (type | interface-alarms)*>

<!ELEMENT active-defects-otn (type-otn | interface-alarms)*>

<!ELEMENT active-sessions (#PCDATA)>

<!ELEMENT address-family (compression-device-name | address-family-name |
multilink-bundle-name | as-bundle-name | ae-bundle-name | es-sa-name |
es-sa-fail-count | es-sa-xmt-seq-num | es-sa-recv-seq-num | mtu | maximum-labels
| address-family-flags | address-family-unnumbered | arp-respond-any-local-address
| generation | route-table | filter-information | policer-information |
interface-address | mac-validate-statistics | route-rpf-statistics |
destination-class-statistics | source-class-statistics)*>

<!ELEMENT address-family-flags (iff-none | iff-primary | iff-redirects |
iff-no-redirects | iff-no-neighbor-learn | iff-targeted-broadcast |
iff-sendbcast-pkt-to-re | iff-hard-down | iff-down | iff-up | iff-func1 |
iff-func2 | iff-is-primary | iff-recv-options | iff-recv-ttl-exceeded |
iff-dst-class-usage | iff-src-class-input | iff-src-class-output |
```

```
iff-mtu-user-conf | iff-mac-validate-strict | iff-mac-validate-loose |
iff-rpf-check | iff-rpf-loose-mode | iff-sample-input | iff-sample-output |
iff-no-async-notification | iff-negotiate-address | iff-port-mode-trunk |
iff-mtu-protocol-adj | iff-unnumbered | iff-tcc-mps | iff-tcc-inet |
iff-tcc-inet6 | iff-tcc-iso | iff-port-mode-isid-trunk | generic-value)*>

<!ELEMENT address-family-name (#PCDATA)>

<!ELEMENT address-family-unnumbered (unnumbered-family-donor-interface-name |
unnumbered-family-donor-interface-index |
unnumbered-family-preferred-source-address)*>

<!ELEMENT admin-state (#PCDATA)>

<!ELEMENT admin-status (#PCDATA)>
<ATTLIST admin-status junos:format CDATA #IMPLIED>

<!ELEMENT adsl-annex-type (#PCDATA)>

<!ELEMENT adsl-last-fail-code (#PCDATA)>

<!ELEMENT adsl-seconds-in-showtime (#PCDATA)>

<!ELEMENT adsl-subfunction (#PCDATA)>

<!ELEMENT ae-bundle-name (#PCDATA)>

<!ELEMENT aged-packets (#PCDATA)>

<!ELEMENT agent-circuit-id (#PCDATA)>

<!ELEMENT agent-remote-id (#PCDATA)>

<!ELEMENT alarm-not-present EMPTY>

<!ELEMENT alternate-physical-address (#PCDATA)>

<!ELEMENT apd-supply-fault-alarm (#PCDATA)>

<!ELEMENT arp-respond-any-local-address (#PCDATA)>

<!ELEMENT as-bundle-name (#PCDATA)>

<!ELEMENT atm-cos-information (vc-cos-mode | atm-cos-queue)*>
<ATTLIST atm-cos-information junos:style CDATA #IMPLIED>

<!ELEMENT atm-cos-plp-statistics (atm-plp0-output-bytes | atm-plp1-output-bytes
| atm-plp0-output-packets | atm-plp1-output-packets | atm-plp0-byte-drops |
atm-plp1-byte-drops | atm-plp0-packet-drops | atm-plp1-packet-drops)*>

<!ELEMENT atm-cos-queue (atm-cos-queue-parameters | atm-cos-queue-statistics |
atm-cos-plp-statistics)*>

<!ELEMENT atm-cos-queue-parameters (cos-forwarding-class-name | cos-queue-number
| scheduling-priority | transmit-weight-cells | transmit-weight-percent |
epd-threshold | epd-threshold-plp0 | epd-threshold-plp1 |
linear-red-drop-profile)*>

<!ELEMENT atm-cos-queue-statistics (atm-output-bytes | atm-output-packets |
atm-packet-drops)*>
```



```
<!ELEMENT atm-defects (media-alarm)*>

<!ELEMENT atm-e3-framing (#PCDATA)>

<!ELEMENT atm-encapsulation (#PCDATA)>

<!ELEMENT atm-hcs-state (#PCDATA)>

<!ELEMENT atm-information (plcp-defects | atm-defects | plcp-statistics |
atm-hcs-state | atm-loss-of-cell | atm-statistics)*>

<!ELEMENT atm-line-build-out (#PCDATA)>

<!ELEMENT atm-loss-of-cell (#PCDATA)>

<!ELEMENT atm-output-bytes (#PCDATA)>

<!ELEMENT atm-output-packets (#PCDATA)>

<!ELEMENT atm-packet-drops (#PCDATA)>

<!ELEMENT atm-plp0-byte-drops (#PCDATA)>

<!ELEMENT atm-plp0-output-bytes (#PCDATA)>

<!ELEMENT atm-plp0-output-packets (#PCDATA)>

<!ELEMENT atm-plp0-packet-drops (#PCDATA)>

<!ELEMENT atm-plp1-byte-drops (#PCDATA)>

<!ELEMENT atm-plp1-output-bytes (#PCDATA)>

<!ELEMENT atm-plp1-output-packets (#PCDATA)>

<!ELEMENT atm-plp1-packet-drops (#PCDATA)>

<!ELEMENT atm-policer-statistics (non-conform-clp0-cells | non-conform-clp1-cells
| tagged-cells)*>

<!ELEMENT atm-statistics (uncorrectable-hcs-errors | correctable-hcs-errors |
tx-cell-fifo-overruns | rx-cell-fifo-overruns | rx-cell-fifo-underruns |
rx-cell-count | tx-cell-count | tx-idle-cell-count | vc-queue-drops | no-buffers
| length-errors | timeouts | bundle-timeouts | rx-invalid-vc | bad-crcs |
oam-cell-no-buffers)*>

<!ELEMENT atm-tm-cbr EMPTY>

<!ELEMENT atm-tm-rtvbr EMPTY>

<!ELEMENT atm-tm-vbr EMPTY>

<!ELEMENT atu-c-country-code (#PCDATA)>

<!ELEMENT atu-c-vendor-id (#PCDATA)>

<!ELEMENT atu-c-vendor-specific (#PCDATA)>

<!ELEMENT atu-r-country-code (#PCDATA)>

<!ELEMENT atu-r-vendor-id (#PCDATA)>
```

```
<!ELEMENT atu-r-vendor-specific (#PCDATA)>

<!ELEMENT auto-negotiation (#PCDATA)>

<!ELEMENT auto-reconnect (#PCDATA)>

<!ELEMENT autonegotiation-status (#PCDATA)>

<!ELEMENT backup EMPTY>

<!ELEMENT bad-crcs (#PCDATA)>

<!ELEMENT bad-hardware-length-count (#PCDATA)>

<!ELEMENT bad-packet-length-count (#PCDATA)>

<!ELEMENT bad-protocol-count (#PCDATA)>

<!ELEMENT bad-protocol-length-count (#PCDATA)>

<!ELEMENT bandwidth (#PCDATA)>

<!ELEMENT baud-rate (#PCDATA)>

<!ELEMENT ber-sd (#PCDATA)>

<!ELEMENT ber-sf (#PCDATA)>

<!ELEMENT ber-threshold (ber-sd | ber-sf)*>

<!ELEMENT bipe-count (#PCDATA)>

<!ELEMENT bipe-seconds (#PCDATA)>

<!ELEMENT bit-error-seconds (#PCDATA)>

<!ELEMENT bpdu-error (#PCDATA)>

<!ELEMENT bridge-iff-properties (svlan-ethertype | eth-switching-flags)*>

<!ELEMENT buffer-to-buffer-credit-recovery-lost-frames (#PCDATA)>

<!ELEMENT buffer-to-buffer-credit-recovery-lost-rrdys (#PCDATA)>

<!ELEMENT bundle (multilink-frames | network-frames)*>

<!ELEMENT bundle-class (#PCDATA)>

<!ELEMENT bundle-detail (fragments | non-fragments | lfi)*>

<!ELEMENT bundle-timeouts (#PCDATA)>

<!ELEMENT burst (#PCDATA)>

<!ELEMENT call-direction (#PCDATA)>

<!ELEMENT call-duration (#PCDATA)>

<!ELEMENT call-idle-timeout (#PCDATA)>
```

```

<!ELEMENT call-status (#PCDATA)>

<!ELEMENT callback-wait-period (#PCDATA)>

<!ELEMENT callback-wait-period-elapsed (#PCDATA)>

<!ELEMENT cam-destination-filter-count (#PCDATA)>

<!ELEMENT cam-source-filter-count (#PCDATA)>

<!ELEMENT carrier-transitions (#PCDATA)>

<!ELEMENT cascade-port (#PCDATA)>

<!ELEMENT cds1-information (interface-tx-queue)*>

<!ELEMENT cdvt (#PCDATA)>

<!ELEMENT ce-counter-bytes (#PCDATA)>

<!ELEMENT ce-counter-count (#PCDATA)>

<!ELEMENT ce-counter-name (#PCDATA)>

<!ELEMENT ce-counter-packets (#PCDATA)>

<!ELEMENT ce-excessive-packet-loss-rate-sample-period (#PCDATA)>

<!ELEMENT ce-excessive-packet-loss-rate-threshold (#PCDATA)>

<!ELEMENT ce-idle-pattern (#PCDATA)>

<!ELEMENT ce-jitter-buffer-auto-adjust (#PCDATA)>

<!ELEMENT ce-jitter-buffer-latency (#PCDATA)>

<!ELEMENT ce-jitter-buffer-packets (#PCDATA)>

<!ELEMENT ce-octet-aligned (#PCDATA)>

<!ELEMENT ce-packetization-latency (#PCDATA)>

<!ELEMENT ce-payload-size (#PCDATA)>

<!ELEMENT cell-bundle-size (#PCDATA)>

<!ELEMENT cell-bundle-timeout (#PCDATA)>

<!ELEMENT cell-timeout-count (#PCDATA)>

<!ELEMENT cesopsn-information (ce-packetization-latency | ce-idle-pattern |
ce-jitter-buffer-packets | ce-jitter-buffer-latency | ce-jitter-buffer-auto-adjust
| ce-excessive-packet-loss-rate-sample-period |
ce-excessive-packet-loss-rate-threshold)*>

<!ELEMENT chap-state (#PCDATA)>

<!ELEMENT chassis-queue-counters (interface-chassis-cos-summary | queue)*>
<!ATTLIST chassis-queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT checksum-fault-alarm (#PCDATA)>

```

```
<!ELEMENT class (class-info | multilink-frames | network-frames)*>

<!ELEMENT class-2-discards (#PCDATA)>

<!ELEMENT class-3-discards (#PCDATA)>

<!ELEMENT class-detail (class-info | fragments | non-fragments)*>

<!ELEMENT class-f-discards (#PCDATA)>

<!ELEMENT class-info (multilink-class-id)*>

<!ELEMENT clock-mode (#PCDATA)>

<!ELEMENT clock-rate (#PCDATA)>

<!ELEMENT clocking (#PCDATA)>

<!ELEMENT clocking-mode (clock-mode)*>

<!ELEMENT clocking-rate (clock-rate)*>

<!ELEMENT compression-device-name (#PCDATA)>

<!ELEMENT control-memory-error (#PCDATA)>

<!ELEMENT controller (name | admin-status | oper-status)*>

<!ELEMENT copy-tos-to-outer-ip-header (#PCDATA)>

<!ELEMENT correctable-hcs-errors (#PCDATA)>

<!ELEMENT cos-direction (#PCDATA)>

<!ELEMENT cos-forwarding-class-name (#PCDATA)>

<!ELEMENT cos-header EMPTY>

<!ELEMENT cos-information (cos-stream-information)*>

<!ELEMENT cos-queue-bandwidth (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-bps (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-bps-remainder (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-remainder (#PCDATA)>

<!ELEMENT cos-queue-buffer (#PCDATA)>

<!ELEMENT cos-queue-buffer-bytes (#PCDATA)>

<!ELEMENT cos-queue-buffer-remainder (#PCDATA)>

<!ELEMENT cos-queue-configuration (cos-queue-number | cos-queue-forwarding-class
| cos-queue-bandwidth | cos-queue-bandwidth-remainder | cos-queue-bandwidth-bps
| cos-queue-bandwidth-bps-remainder | cos-queue-buffer |
cos-queue-buffer-remainder | cos-queue-buffer-bytes | cos-queue-priority |
cos-queue-limit)*>
```

```
<!ELEMENT cos-queue-forwarding-class (#PCDATA)>
<!ELEMENT cos-queue-limit (#PCDATA)>
<!ELEMENT cos-queue-number (#PCDATA)>
<!ELEMENT cos-queue-priority (#PCDATA)>
<!ELEMENT cos-stream-information (cos-direction | cos-queue-configuration)*>
<!ELEMENT crc (#PCDATA)>
<!ELEMENT crtp (crtp-sessions | crtp-statistics)*>
<!ELEMENT crtp-sessions (input-frames | output-frames)*>
<!ELEMENT crtp-statistics (name | input-frames | input-fps | input-bytes |
input-bps | output-frames | output-fps | output-bytes | output-bps)*>
<!ELEMENT ct3-information (interface-tx-queue)*>
<!ELEMENT cts (#PCDATA)>
<!ELEMENT cts-polarity (#PCDATA)>
<!ELEMENT current-differential-delay (#PCDATA)>
<!ELEMENT current-physical-address (#PCDATA)>
<!ELEMENT data-memory-error (#PCDATA)>
<!ELEMENT data-signal (rx-clock)*>
<!ELEMENT dcd (#PCDATA)>
<!ELEMENT dcd-polarity (#PCDATA)>
<!ELEMENT dce-loopback-override (#PCDATA)>
<!ELEMENT dcu-class-bps (#PCDATA)>
<!ELEMENT dcu-class-bytes (#PCDATA)>
<!ELEMENT dcu-class-name (#PCDATA)>
<!ELEMENT dcu-class-packets (#PCDATA)>
<!ELEMENT dcu-class-pps (#PCDATA)>
<!ELEMENT deactivation-delay (#PCDATA)>
<!ELEMENT deactivation-delay-elapsed (#PCDATA)>
<!ELEMENT default-vlan-id (#PCDATA)>
<!ELEMENT demux-inet-prefix (#PCDATA)>
<!ELEMENT demux-inet-prefix-count (#PCDATA)>
<!ELEMENT demux-inet-prefix-type (#PCDATA)>
```

```
<!ELEMENT demux-inet6-prefix (#PCDATA)>

<!ELEMENT demux-inet6-prefix-count (#PCDATA)>

<!ELEMENT demux-inet6-prefix-type (#PCDATA)>

<!ELEMENT demux-information (demux-interface)*>

<!ELEMENT demux-interface (demux-underlying-interface-name |
demux-underlying-interface-index | demux-inet-prefix-type | demux-inet-prefix-count
| demux-inet-prefix | demux-inet6-prefix-type | demux-inet6-prefix-count |
demux-inet6-prefix)*>

<!ELEMENT demux-table-type (#PCDATA)>

<!ELEMENT demux-underlying-interface-index (#PCDATA)>

<!ELEMENT demux-underlying-interface-name (#PCDATA)>

<!ELEMENT denied-count (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT destination-class (dcu-class-name | dcu-class-packets | dcu-class-bytes
| dcu-class-pps | dcu-class-bps)*>

<!ELEMENT destination-class-statistics (destination-class)*>

<!ELEMENT destination-mask (#PCDATA)>

<!ELEMENT destination-slot (#PCDATA)>

<!ELEMENT dial-string (#PCDATA)>

<!ELEMENT dial-string-list (dial-string)*>
<!ATTLIST dial-string-list junos:style CDATA #IMPLIED>

<!ELEMENT dialer-information (dialer-interface | dialer-time-to-disconnect)*>

<!ELEMENT dialer-interface (dialer-interface-name | dialer-interface-state |
dialer-interface-flags | pool-id | primary-interface | dial-string-list |
sub-interface-list | watch-list | activation-delay | deactivation-delay |
activation-delay-elapsed | deactivation-delay-elapsed | call-idle-timeout |
initial-route-check | redial-delay | callback-wait-period |
callback-wait-period-elapsed | load-threshold | load-interval)*>

<!ELEMENT dialer-interface-flags (backup | multilink | watchlist |
interesting-detected)*>

<!ELEMENT dialer-interface-information (dialer-interface)*>
<!ATTLIST dialer-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT dialer-interface-name (#PCDATA)>

<!ELEMENT dialer-interface-state (#PCDATA)>

<!ELEMENT dialer-time-to-disconnect (#PCDATA)>

<!ELEMENT disabled-bundle-links (#PCDATA)>

<!ELEMENT dlci (#PCDATA)>
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<!ELEMENT dlci-active (#PCDATA)>

<!ELEMENT dlci-inactive (#PCDATA)>

<!ELEMENT dlci-statistics (dlci-active | dlci-inactive)*>

<!ELEMENT docsis-bpi (#PCDATA)>

<!ELEMENT docsis-information (docsis-status-information | docsis-media-properties
| docsis-security-properties)*>

<!ELEMENT docsis-media-properties (downstream-buffers-used |
downstream-buffers-free | upstream-buffers-used | upstream-buffers-free |
request-opportunity-burst | physical-burst | tuner-frequency | standard-short-grant
| standard-long-grant)*>

<!ELEMENT docsis-mode (#PCDATA)>

<!ELEMENT docsis-security-properties (docsis-bpi | encryption-algorithm |
key-length)*>

<!ELEMENT docsis-state (#PCDATA)>

<!ELEMENT docsis-status-information (docsis-state | docsis-mode |
docsis-upstream-speed | downstream-scanning | ranging | signal-to-noise-ratio |
power)*>

<!ELEMENT docsis-upstream-speed (#PCDATA)>

<!ELEMENT down EMPTY>

<!ELEMENT down-count (#PCDATA)>

<!ELEMENT down-hold-time (#PCDATA)>

<!ELEMENT down-time (#PCDATA)>

<!ELEMENT downstream-buffers-free (#PCDATA)>

<!ELEMENT downstream-buffers-used (#PCDATA)>

<!ELEMENT downstream-scanning (#PCDATA)>

<!ELEMENT drop-timeout (#PCDATA)>

<!ELEMENT dropped-count (#PCDATA)>

<!ELEMENT ds0-bert-algorithm (#PCDATA)>

<!ELEMENT ds0-bert-bit-count (#PCDATA)>

<!ELEMENT ds0-bert-elapsed (#PCDATA)>

<!ELEMENT ds0-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds0-bert-error-rate (#PCDATA)>

<!ELEMENT ds0-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds0-bert-information (ds0-bert-period | ds0-bert-elapsed |

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ds0-bert-status | ds0-bert-algorithm | ds0-bert-error-rate |
ds0-bert-induced-error-rate | ds0-bert-bit-count | ds0-bert-error-bit-count |
ds0-bert-los-status | ds0-bert-los-count | ds0-bert-los-seconds)*>

<!ELEMENT ds0-bert-los-count (#PCDATA)>

<!ELEMENT ds0-bert-los-seconds (#PCDATA)>

<!ELEMENT ds0-bert-los-status (#PCDATA)>

<!ELEMENT ds0-bert-period (#PCDATA)>

<!ELEMENT ds0-bert-status (#PCDATA)>

<!ELEMENT ds0-byte-encoding (#PCDATA)>

<!ELEMENT ds0-data-inversion (#PCDATA)>

<!ELEMENT ds1-alarm-ais EMPTY>

<!ELEMENT ds1-alarm-crc-major EMPTY>

<!ELEMENT ds1-alarm-crc-minor EMPTY>

<!ELEMENT ds1-alarm-lof EMPTY>

<!ELEMENT ds1-alarm-los EMPTY>

<!ELEMENT ds1-alarm-ylw EMPTY>

<!ELEMENT ds1-bert-algorithm (#PCDATA)>

<!ELEMENT ds1-bert-bit-count (#PCDATA)>

<!ELEMENT ds1-bert-elapsed (#PCDATA)>

<!ELEMENT ds1-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds1-bert-error-rate (#PCDATA)>

<!ELEMENT ds1-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds1-bert-information (ds1-bert-period | ds1-bert-elapsed |
ds1-bert-status | ds1-bert-algorithm | ds1-bert-error-rate |
ds1-bert-induced-error-rate | ds1-bert-bit-count | ds1-bert-error-bit-count |
ds1-bert-los-status | ds1-bert-los-count | ds1-bert-los-seconds)*>

<!ELEMENT ds1-bert-los-count (#PCDATA)>

<!ELEMENT ds1-bert-los-seconds (#PCDATA)>

<!ELEMENT ds1-bert-los-status (#PCDATA)>

<!ELEMENT ds1-bert-period (#PCDATA)>

<!ELEMENT ds1-bert-status (#PCDATA)>

<!ELEMENT ds1-buildout (#PCDATA)>

<!ELEMENT ds1-byte-encoding (#PCDATA)>
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<!ELEMENT ds1-crc-alarm-threshold (ds1-crc-alarm-threshold-major |
ds1-crc-alarm-threshold-minor)*>

<!ELEMENT ds1-crc-alarm-threshold-major (#PCDATA)>

<!ELEMENT ds1-crc-alarm-threshold-minor (#PCDATA)>

<!ELEMENT ds1-data-inversion (#PCDATA)>

<!ELEMENT ds1-framing (#PCDATA)>

<!ELEMENT ds1-line-encoding (#PCDATA)>

<!ELEMENT ds1-timeslots (#PCDATA)>

<!ELEMENT ds3-alarm-ais EMPTY>

<!ELEMENT ds3-alarm-exz EMPTY>

<!ELEMENT ds3-alarm-ferf EMPTY>

<!ELEMENT ds3-alarm-idle EMPTY>

<!ELEMENT ds3-alarm-lcv EMPTY>

<!ELEMENT ds3-alarm-lof EMPTY>

<!ELEMENT ds3-alarm-los EMPTY>

<!ELEMENT ds3-alarm-pll EMPTY>

<!ELEMENT ds3-alarm-ylw EMPTY>

<!ELEMENT ds3-bert-algorithm (#PCDATA)>

<!ELEMENT ds3-bert-bit-count (#PCDATA)>

<!ELEMENT ds3-bert-bit-count-overflow (#PCDATA)>

<!ELEMENT ds3-bert-elapsed (#PCDATA)>

<!ELEMENT ds3-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds3-bert-error-bit-count-overflow (#PCDATA)>

<!ELEMENT ds3-bert-error-rate (#PCDATA)>

<!ELEMENT ds3-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds3-bert-information (ds3-bert-period | ds3-bert-elapsed |
ds3-bert-status | ds3-bert-algorithm | ds3-bert-error-rate |
ds3-bert-induced-error-rate | ds3-bert-bit-count | ds3-bert-bit-count-overflow |
ds3-bert-error-bit-count | ds3-bert-error-bit-count-overflow | ds3-bert-los-status
| ds3-bert-los-count | ds3-bert-los-seconds)*>

<!ELEMENT ds3-bert-los-count (#PCDATA)>

<!ELEMENT ds3-bert-los-seconds (#PCDATA)>

<!ELEMENT ds3-bert-los-status (#PCDATA)>
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<!ELEMENT ds3-bert-period (#PCDATA)>

<!ELEMENT ds3-bert-status (#PCDATA)>

<!ELEMENT ds3-long-buildout (#PCDATA)>

<!ELEMENT ds3-mode (#PCDATA)>

<!ELEMENT dsl-alarm-far-locdi EMPTY>

<!ELEMENT dsl-alarm-far-locdni EMPTY>

<!ELEMENT dsl-alarm-far-lof EMPTY>

<!ELEMENT dsl-alarm-far-los EMPTY>

<!ELEMENT dsl-alarm-locdi EMPTY>

<!ELEMENT dsl-alarm-locdni EMPTY>

<!ELEMENT dsl-alarm-lof EMPTY>

<!ELEMENT dsl-alarm-lom EMPTY>

<!ELEMENT dsl-alarm-lop EMPTY>

<!ELEMENT dsl-alarm-los EMPTY>

<!ELEMENT dsl-chipset-information (atu-r-vendor-id | atu-c-vendor-id |
atu-r-vendor-specific | atu-c-vendor-specific | atu-r-country-code |
atu-c-country-code)*>

<!ELEMENT dsl-information (dsl-line-status | dsl-line-operating-mode |
dsl-line-type | adsl-annex-type | adsl-last-fail-code | adsl-subfunction |
adsl-seconds-in-showtime | dsl-chipset-information | dsl-statistics)*>

<!ELEMENT dsl-line-operating-mode (#PCDATA)>

<!ELEMENT dsl-line-status (#PCDATA)>

<!ELEMENT dsl-line-type (#PCDATA)>

<!ELEMENT dsl-statistics (near-end-attainable-bitrate | far-end-attainable-bitrate
| near-end-attenuation | far-end-attenuation | near-end-capacity-used |
far-end-capacity-used | near-end-noise-margin | far-end-noise-margin |
near-end-output-power | far-end-output-power | interleaved-rx-cells | fast-rx-cells
| interleaved-tx-cells | fast-tx-cells | near-end-interleaved-bitrate |
near-end-fast-bitrate | far-end-interleaved-bitrate | far-end-fast-bitrate |
near-end-interleaved-crc | near-end-fast-crc | far-end-interleaved-crc |
far-end-fast-crc | near-end-interleaved-hec | near-end-fast-hec |
far-end-interleaved-hec | far-end-fast-hec | near-end-interleaved-fec |
near-end-fast-fec | far-end-interleaved-fec | far-end-fast-fec |
near-end-interleaved-rx-cells | near-end-fast-rx-cells |
near-end-interleaved-tx-cells | near-end-fast-tx-cells)*>

<!ELEMENT dsr (#PCDATA)>

<!ELEMENT dsr-polarity (#PCDATA)>

<!ELEMENT dsu-compatibility-mode (#PCDATA)>
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<!ELEMENT dsu-information (dsu-compatibility-mode | dsu-scrambler | dsu-subrate
| feac-loopback | feac-response | feac-count)*>

<!ELEMENT dsu-scrambler (#PCDATA)>

<!ELEMENT dsu-subrate (#PCDATA)>

<!ELEMENT dtr (#PCDATA)>

<!ELEMENT dtr-circuit (dtr-circuit-mode)*>

<!ELEMENT dtr-circuit-mode (#PCDATA)>

<!ELEMENT dtr-polarity (#PCDATA)>

<!ELEMENT duplex (#PCDATA)>

<!ELEMENT duplicate-protection (#PCDATA)>

<!ELEMENT dynamic-interface-bandwidth (#PCDATA)>

<!ELEMENT dynamic-profile (#PCDATA)>

<!ELEMENT e3-bert-algorithm (#PCDATA)>

<!ELEMENT e3-bert-bit-count (#PCDATA)>

<!ELEMENT e3-bert-bit-count-overflow (#PCDATA)>

<!ELEMENT e3-bert-elapsed (#PCDATA)>

<!ELEMENT e3-bert-error-bit-count (#PCDATA)>

<!ELEMENT e3-bert-error-bit-count-overflow (#PCDATA)>

<!ELEMENT e3-bert-error-rate (#PCDATA)>

<!ELEMENT e3-bert-induced-error-rate (#PCDATA)>

<!ELEMENT e3-bert-information (e3-bert-period | e3-bert-elapsed | e3-bert-status
| e3-bert-algorithm | e3-bert-error-rate | e3-bert-induced-error-rate |
e3-bert-bit-count | e3-bert-bit-count-overflow | e3-bert-error-bit-count |
e3-bert-error-bit-count-overflow | e3-bert-los-status | e3-bert-los-count |
e3-bert-los-seconds)*>

<!ELEMENT e3-bert-los-count (#PCDATA)>

<!ELEMENT e3-bert-los-seconds (#PCDATA)>

<!ELEMENT e3-bert-los-status (#PCDATA)>

<!ELEMENT e3-bert-period (#PCDATA)>

<!ELEMENT e3-bert-status (#PCDATA)>

<!ELEMENT e3-data-inversion (#PCDATA)>

<!ELEMENT e3-framing (#PCDATA)>

<!ELEMENT eia530-control-signal (mode | to-dce | from-dce | to-dte | from-dte)*>
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<!ELEMENT eia530-signal-polarity (dtr-polarity | rts-polarity | dcd-polarity |
dsr-polarity | cts-polarity | tm-polarity)*>

<!ELEMENT encapsulation (#PCDATA)>

<!ELEMENT encryption-algorithm (#PCDATA)>

<!ELEMENT end-vci (#PCDATA)>

<!ELEMENT epd-threshold (#PCDATA)>

<!ELEMENT epd-threshold-plp0 (#PCDATA)>

<!ELEMENT epd-threshold-plp1 (#PCDATA)>

<!ELEMENT error-code (#PCDATA)>

<!ELEMENT errored-blocks-seconds (#PCDATA)>

<!ELEMENT es-ifd-stats (total-anti-replay-count |
total-authentication-failure-count)*>

<!ELEMENT es-sa-fail-count (#PCDATA)>

<!ELEMENT es-sa-name (#PCDATA)>

<!ELEMENT es-sa-recv-seq-num (#PCDATA)>

<!ELEMENT es-sa-xmt-seq-num (#PCDATA)>

<!ELEMENT eth-switching-flags (eth-switching-flags-value |
no-mac-learning-status)*>

<!ELEMENT eth-switching-flags-value (#PCDATA)>

<!ELEMENT ether-policer-list (ether-policer-record)*>

<!ELEMENT ether-policer-record (policer-type | out-of-spec-bytes |
out-of-spec-frames)*>

<!ELEMENT ethernet-alarm-lcdp EMPTY>

<!ELEMENT ethernet-alarm-link-down EMPTY>

<!ELEMENT ethernet-autonegotiation (autonegotiation-status | link-partner-status
| link-partner-reason | link-partner-duplexity | link-partner-speed | flow-control
| local-info)*>

<!ELEMENT ethernet-filter-statistics (input-packets | input-reject-count |
input-reject-destination-address-count | input-reject-source-address-count |
output-packets | output-packet-pad-count | output-packet-error-count |
cam-destination-filter-count | cam-source-filter-count)*>
<!--ATTLIST ethernet-filter-statistics junos:style CDATA #IMPLIED-->

<!ELEMENT ethernet-mac-pfc-statistics (input-mac-pfc-frames | mac-pfc-dot1p |
output-mac-pfc-frames)*>
<!--ATTLIST ethernet-mac-pfc-statistics junos:style CDATA #IMPLIED-->

<!ELEMENT ethernet-mac-statistics (input-bytes | input-packets | input-unicasts
| input-broadcasts | input-multicasts | input-crc-errors | input-fifo-errors |
input-mac-control-frames | input-mac-pause-frames | input-oversized-frames |
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input-undersized-frames | input-jabber-frames | input-fragment-frames |
input-vlan-tagged-frames | input-code-violations | input-policer-frame-drops |
input-policer-byte-drops | output-bytes | output-packets | output-unicasts |
output-broadcasts | output-multicasts | output-crc-errors | output-fifo-errors |
output-mac-control-frames | output-mac-pause-frames)*>
<!ATTLIST ethernet-mac-statistics junos:style CDATA #IMPLIED>

<!ELEMENT ethernet-pcs-statistics (bit-error-seconds | errored-blocks-seconds)*>
<!ATTLIST ethernet-pcs-statistics junos:style CDATA #IMPLIED>

<!ELEMENT far-end-attainable-bitrate (#PCDATA)>

<!ELEMENT far-end-attenuation (#PCDATA)>

<!ELEMENT far-end-capacity-used (#PCDATA)>

<!ELEMENT far-end-fast-bitrate (#PCDATA)>

<!ELEMENT far-end-fast-crc (#PCDATA)>

<!ELEMENT far-end-fast-fec (#PCDATA)>

<!ELEMENT far-end-fast-hec (#PCDATA)>

<!ELEMENT far-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT far-end-interleaved-crc (#PCDATA)>

<!ELEMENT far-end-interleaved-fec (#PCDATA)>

<!ELEMENT far-end-interleaved-hec (#PCDATA)>

<!ELEMENT far-end-noise-margin (#PCDATA)>

<!ELEMENT far-end-output-power (#PCDATA)>

<!ELEMENT fast-rx-cells (#PCDATA)>

<!ELEMENT fast-tx-cells (#PCDATA)>

<!ELEMENT feac-count (#PCDATA)>

<!ELEMENT feac-loopback (#PCDATA)>

<!ELEMENT feac-response (#PCDATA)>

<!ELEMENT febe-count (#PCDATA)>

<!ELEMENT febe-seconds (#PCDATA)>

<!ELEMENT fec-corrected-error-ratio (#PCDATA)>

<!ELEMENT fec-corrected-errors (#PCDATA)>

<!ELEMENT fec-mode (#PCDATA)>

<!ELEMENT fec-valid-time (#PCDATA)>

<!ELEMENT ferr-count (#PCDATA)>

<!ELEMENT ferr-seconds (#PCDATA)>
```

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<!ELEMENT fibrechannel-mac-statistics (fibrechannel-mac-statistics-generic |
fibrechannel-mac-statistics-received | fibrechannel-mac-statistics-transmitted)*>
<!ATTLIST fibrechannel-mac-statistics junos:style CDATA #IMPLIED>

<!ELEMENT fibrechannel-mac-statistics-generic (link-failures | loss-of-sync |
loss-of-signal | sw-link-resets | buffer-to-buffer-credit-recovery-lost-frames |
buffer-to-buffer-credit-recovery-lost-rrdys)*>

<!ELEMENT fibrechannel-mac-statistics-received (rx-class-2-frames |
rx-class-3-frames | rx-class-f-frames | rx-class-2-octets | rx-class-3-octets |
rx-class-f-octets | class-2-discards | class-3-discards | class-f-discards |
rx-frames-too-long | rx-frames-too-short | rx-missing-eof | rx-invalid-crcs |
rx-link-resets | rx-link-reset-responses | rx-offlines | rx-not-operationals |
rx-invalid-tx-words | rx-encoding-disparity-errors | rx-delimiter-errors |
rx-input-buffers-full | rx-invalid-ordered-sets | rx-prim-seq-protocol-errors |
rx-other-errors)*>

<!ELEMENT fibrechannel-mac-statistics-transmitted (tx-class-2-frames |
tx-class-3-frames | tx-class-f-frames | tx-class-2-octets | tx-class-3-octets |
tx-class-f-octets | tx-link-resets | tx-link-reset-responses | tx-offlines |
tx-not-operationals | tx-bb-credit-zeroes | tx-other-errors)*>

<!ELEMENT fibrechannel-port-flow-control (fibrechannel-port-flow-control-mode |
fibrechannel-port-flow-control-credits)*>
<!ATTLIST fibrechannel-port-flow-control junos:style CDATA #IMPLIED>

<!ELEMENT fibrechannel-port-flow-control-credits
(fibrechannel-port-flow-control-credits-subject |
fibrechannel-port-flow-control-credits-assigned |
fibrechannel-port-flow-control-credits-available)*>

<!ELEMENT fibrechannel-port-flow-control-credits-assigned (#PCDATA)>

<!ELEMENT fibrechannel-port-flow-control-credits-available (#PCDATA)>

<!ELEMENT fibrechannel-port-flow-control-credits-subject (#PCDATA)>

<!ELEMENT fibrechannel-port-flow-control-mode (#PCDATA)>

<!ELEMENT filter-family (#PCDATA)>

<!ELEMENT filter-information (filter-family | filter-input |
filter-input-precedence | filter-output | filter-output-precedence)*>

<!ELEMENT filter-input (#PCDATA)>

<!ELEMENT filter-input-precedence (#PCDATA)>

<!ELEMENT filter-output (#PCDATA)>

<!ELEMENT filter-output-precedence (#PCDATA)>

<!ELEMENT flow-control (#PCDATA)>

<!ELEMENT forwarding-class-name (#PCDATA)>

<!ELEMENT fpc-number (#PCDATA)>

<!ELEMENT fragment-buffer-overflow (#PCDATA)>
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<!ELEMENT fragment-drop-bytes (#PCDATA)>
<!ELEMENT fragment-drops (#PCDATA)>
<!ELEMENT fragment-threshold (#PCDATA)>
<!ELEMENT fragment-timeout (#PCDATA)>
<!ELEMENT fragments (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>
<!ELEMENT framing-errors (#PCDATA)>
<!ELEMENT frequency (#PCDATA)>
<!ELEMENT from-dce (dtr | rts | cts | dcd | dsr | tm)*>
<!ELEMENT from-dte (dtr | rts | cts | dcd | dsr | tm)*>
<!ELEMENT generation (#PCDATA)>
<!ELEMENT generic-value (#PCDATA)>
<!ELEMENT global-fpc-number (#PCDATA)>
<!ELEMENT gre-keepalive-adj-state (#PCDATA)>
<!ELEMENT gre-keepalive-configured (#PCDATA)>
<!ELEMENT hardware-physical-address (#PCDATA)>
<!ELEMENT hardware-token (#PCDATA)>
<!ELEMENT hdlc-giant-threshold (#PCDATA)>
<!ELEMENT hdlc-information (hdlc-rx-bucket-state | hdlc-rx-bit-rate |
hdlc-rx-threshold | hdlc-tx-bit-rate | hdlc-tx-bucket-state | hdlc-tx-threshold
| hdlc-giant-threshold | hdlc-runt-threshold)*>
<!ELEMENT hdlc-runt-threshold (#PCDATA)>
<!ELEMENT hdlc-rx-bit-rate (#PCDATA)>
<!ELEMENT hdlc-rx-bucket-state (#PCDATA)>
<!ELEMENT hdlc-rx-threshold (#PCDATA)>
<!ELEMENT hdlc-tx-bit-rate (#PCDATA)>
<!ELEMENT hdlc-tx-bucket-state (#PCDATA)>
<!ELEMENT hdlc-tx-threshold (#PCDATA)>
<!ELEMENT high-red (#PCDATA)>
<!ELEMENT hs-link-crc-errors (#PCDATA)>
<!ELEMENT hs-link-fifo-overflows (#PCDATA)>
<!ELEMENT hs-link-fifo-underflows (#PCDATA)>
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<!ELEMENT idle-cycle-flag (#PCDATA)>

<!ELEMENT idle-timeout (#PCDATA)>

<!ELEMENT if-auto-mdix (#PCDATA)>

<!ELEMENT if-auto-negotiation (#PCDATA)>

<!ELEMENT if-config-flags (iff-none | iff-hardware-down | iff-down | iff-up |
iff-admin-down | iff-admin-up | iff-link-down | iff-device-down |
iff-point-to-point | iff-point-to-multipoint | plp-to-clp | iff-multiaccess |
iff-change | iff-inverse-arp | iff-no-multicast | iff-multicast | iff-promiscuous
| iff-all-multicast | iff-snmp-traps | iff-rx-passive | iff-tx-passive |
iff-ccc-down | iff-clear-df | iff-tunnel-reassembly | iff-acfc | iff-pfc | iff-rdd
| iff-looped | internal-flags)*>

<!ELEMENT if-device-flags (ifdf-none | ifdf-present | ifdf-running | ifdf-duplex
| ifdf-down | ifdf-no-carrier | ifdf-error1 | ifdf-error2 | ifdf-no-multicast |
ifdf-loopback | ifdf-quench | ifdf-recv-all-multicasts | ifdf-promiscuous |
ifdf-link-layer-down | ifdf-loop-detected | ifdf-pfe-gone | generic-value)*>

<!ELEMENT if-flow-control (#PCDATA)>

<!ELEMENT if-media-flags (ifmf-none | ifmf-autoselect | ifmf-scheduler |
ifmf-shared-scheduler | ifmf-keepalives | ifmf-no-keepalives | ifmf-give-up |
ifmf-loose-lcp | ifmf-loose-ncp | ifmf-ppp-acfc | ifmf-ppp-pfc | ifmf-loose-lmi
| ifmf-dce | ifmf-dte | generic-value)*>

<!ELEMENT if-remote-fault (#PCDATA)>

<!ELEMENT if-speed-auto-negotiation (#PCDATA)>

<!ELEMENT if-switchover-last-attempt (#PCDATA)>

<!ELEMENT if-switchover-last-time (#PCDATA)>

<!ELEMENT if-switchover-min-max-avg-time (#PCDATA)>

<!ELEMENT if-switchover-total (#PCDATA)>

<!ELEMENT if-type (#PCDATA)>

<!ELEMENT if-unidirectional (#PCDATA)>

<!ELEMENT ifa-address-pool (#PCDATA)>

<!ELEMENT ifa-broadcast (#PCDATA)>

<!ELEMENT ifa-destination (#PCDATA)>

<!ELEMENT ifa-flags (ifaf-none | ifaf-primary | ifaf-preferred | ifaf-master-only
| ifaf-down | ifaf-kernel | ifaf-current-default | ifaf-current-preferred |
ifaf-current-primary | ifaf-duplicate | ifaf-webauth-http | generic-value)*>

<!ELEMENT ifa-local (#PCDATA)>

<!ELEMENT ifa-primary-dns (#PCDATA)>

<!ELEMENT ifa-primary-nbns (#PCDATA)>

<!ELEMENT ifa-secondary-dns (#PCDATA)>
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<!ELEMENT ifa-secondary-nbns (#PCDATA)>

<!ELEMENT ifaf-current-default EMPTY>

<!ELEMENT ifaf-current-preferred EMPTY>

<!ELEMENT ifaf-current-primary EMPTY>

<!ELEMENT ifaf-down EMPTY>

<!ELEMENT ifaf-duplicate EMPTY>

<!ELEMENT ifaf-kernel EMPTY>

<!ELEMENT ifaf-master-only EMPTY>

<!ELEMENT ifaf-none EMPTY>

<!ELEMENT ifaf-preferred EMPTY>

<!ELEMENT ifaf-primary EMPTY>

<!ELEMENT ifaf-webauth-http EMPTY>

<!ELEMENT ifd-cell-bundle-size (#PCDATA)>

<!ELEMENT ifd-cell-bundle-timeout (#PCDATA)>

<!ELEMENT ifdf-down EMPTY>

<!ELEMENT ifdf-duplex EMPTY>

<!ELEMENT ifdf-error1 EMPTY>

<!ELEMENT ifdf-error2 EMPTY>

<!ELEMENT ifdf-link-layer-down EMPTY>

<!ELEMENT ifdf-loop-detected EMPTY>

<!ELEMENT ifdf-loopback EMPTY>

<!ELEMENT ifdf-no-carrier EMPTY>

<!ELEMENT ifdf-no-multicast EMPTY>

<!ELEMENT ifdf-none EMPTY>

<!ELEMENT ifdf-pfe-gone EMPTY>

<!ELEMENT ifdf-present EMPTY>

<!ELEMENT ifdf-promiscuous EMPTY>

<!ELEMENT ifdf-quench EMPTY>

<!ELEMENT ifdf-recv-all-multicasts EMPTY>

<!ELEMENT ifdf-running EMPTY>
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<!ELEMENT iff-acfc EMPTY>
<!ELEMENT iff-admin-down EMPTY>
<!ELEMENT iff-admin-up EMPTY>
<!ELEMENT iff-all-multicast EMPTY>
<!ELEMENT iff-ccc-down EMPTY>
<!ELEMENT iff-change EMPTY>
<!ELEMENT iff-clear-df EMPTY>
<!ELEMENT iff-device-down EMPTY>
<!ELEMENT iff-down EMPTY>
<!ELEMENT iff-hardware-down EMPTY>
<!ELEMENT iff-inverse-arp EMPTY>
<!ELEMENT iff-link-down EMPTY>
<!ELEMENT iff-looped EMPTY>
<!ELEMENT iff-multiaccess EMPTY>
<!ELEMENT iff-multicast EMPTY>
<!ELEMENT iff-no-multicast EMPTY>
<!ELEMENT iff-none EMPTY>
<!ELEMENT iff-pfc EMPTY>
<!ELEMENT iff-point-to-multipoint EMPTY>
<!ELEMENT iff-point-to-point EMPTY>
<!ELEMENT iff-ppp-flags-acfc EMPTY>
<!ELEMENT iff-ppp-flags-pfc EMPTY>
<!ELEMENT iff-promiscuous EMPTY>
<!ELEMENT iff-rdd EMPTY>
<!ELEMENT iff-rx-passive EMPTY>
<!ELEMENT iff-snmp-traps EMPTY>
<!ELEMENT iff-tunnel-reassembly EMPTY>
<!ELEMENT iff-tx-passive EMPTY>
<!ELEMENT iff-up EMPTY>
<!ELEMENT ifff-down EMPTY>
<!ELEMENT ifff-dst-class-usage EMPTY>
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<!ELEMENT ifff-func1 EMPTY>

<!ELEMENT ifff-func2 EMPTY>

<!ELEMENT ifff-hard-down EMPTY>

<!ELEMENT ifff-is-primary EMPTY>

<!ELEMENT ifff-mac-validate-loose EMPTY>

<!ELEMENT ifff-mac-validate-strict EMPTY>

<!ELEMENT ifff-mtu-protocol-adj EMPTY>

<!ELEMENT ifff-mtu-user-conf EMPTY>

<!ELEMENT ifff-negotiate-address EMPTY>

<!ELEMENT ifff-no-asynch-notification EMPTY>

<!ELEMENT ifff-no-neighbor-learn EMPTY>

<!ELEMENT ifff-no-redirects EMPTY>

<!ELEMENT ifff-none EMPTY>

<!ELEMENT ifff-port-mode-isid-trunk EMPTY>

<!ELEMENT ifff-port-mode-trunk EMPTY>

<!ELEMENT ifff-primary EMPTY>

<!ELEMENT ifff-recv-options EMPTY>

<!ELEMENT ifff-recv-ttl-exceeded EMPTY>

<!ELEMENT ifff-redirects EMPTY>

<!ELEMENT ifff-rpf-check EMPTY>

<!ELEMENT ifff-rpf-loose-mode EMPTY>

<!ELEMENT ifff-sample-input EMPTY>

<!ELEMENT ifff-sample-output EMPTY>

<!ELEMENT ifff-sendbcast-pkt-to-re EMPTY>

<!ELEMENT ifff-src-class-input EMPTY>

<!ELEMENT ifff-src-class-output EMPTY>

<!ELEMENT ifff-targeted-broadcast EMPTY>

<!ELEMENT ifff-tcc-inet EMPTY>

<!ELEMENT ifff-tcc-inet6 EMPTY>

<!ELEMENT ifff-tcc-iso EMPTY>
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<!ELEMENT ifff-tcc-mps EMPTY>

<!ELEMENT ifff-unnumbered EMPTY>

<!ELEMENT ifff-up EMPTY>

<!ELEMENT ifl-type (#PCDATA)>

<!ELEMENT ifmf-autoselect EMPTY>

<!ELEMENT ifmf-dce EMPTY>

<!ELEMENT ifmf-dte EMPTY>

<!ELEMENT ifmf-give-up EMPTY>

<!ELEMENT ifmf-keepalives EMPTY>

<!ELEMENT ifmf-loose-lcp EMPTY>

<!ELEMENT ifmf-loose-lmi EMPTY>

<!ELEMENT ifmf-loose-ncp EMPTY>

<!ELEMENT ifmf-no-keepalives EMPTY>

<!ELEMENT ifmf-none EMPTY>

<!ELEMENT ifmf-ppp-acfc EMPTY>

<!ELEMENT ifmf-ppp-pfc EMPTY>

<!ELEMENT ifmf-scheduler EMPTY>

<!ELEMENT ifmf-shared-scheduler EMPTY>

<!ELEMENT ifvc-active EMPTY>

<!ELEMENT ifvc-ccc-down EMPTY>

<!ELEMENT ifvc-closed EMPTY>

<!ELEMENT ifvc-configured EMPTY>

<!ELEMENT ifvc-down EMPTY>

<!ELEMENT ifvc-epd (#PCDATA)>

<!ELEMENT ifvc-epd-plp0 (#PCDATA)>

<!ELEMENT ifvc-epd-plp1 (#PCDATA)>

<!ELEMENT ifvc-flags (ifvc-down | ifvc-none | ifvc-active | ifvc-closed |
ifvc-inverse-arp | ifvc-ilmi | ifvc-oam | ifvc-shaping | ifvc-passiveoam |
ifvc-multicast | ifvc-ccc-down | ifvc-configured | ifvc-unconfigured |
generic-value)*>

<!ELEMENT ifvc-ilmi EMPTY>

<!ELEMENT ifvc-inverse-arp EMPTY>
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<!ELEMENT ifvc-multicast EMPTY>

<!ELEMENT ifvc-multipoint-destination (multipoint-address)*>

<!ELEMENT ifvc-none EMPTY>

<!ELEMENT ifvc-oam EMPTY>

<!ELEMENT ifvc-passiveoam EMPTY>

<!ELEMENT ifvc-shaping EMPTY>

<!ELEMENT ifvc-unconfigured EMPTY>

<!ELEMENT ifvc-weight (#PCDATA)>

<!ELEMENT ifvp-active EMPTY>

<!ELEMENT ifvp-closed EMPTY>

<!ELEMENT ifvp-down EMPTY>

<!ELEMENT ifvp-flags (ifvp-down | ifvp-none | ifvp-active | ifvp-closed | ifvp-oam
| ifvp-shaping | ifvp-passiveoam | ifvp-tunnel | generic-value)*>

<!ELEMENT ifvp-none EMPTY>

<!ELEMENT ifvp-oam EMPTY>

<!ELEMENT ifvp-passiveoam EMPTY>

<!ELEMENT ifvp-shaping EMPTY>

<!ELEMENT ifvp-tunnel EMPTY>

<!ELEMENT ih-parent (#PCDATA)>

<!ELEMENT illegal-rx-packets (#PCDATA)>

<!ELEMENT ima-alarm-blocked EMPTY>

<!ELEMENT ima-alarm-blocked-fe EMPTY>

<!ELEMENT ima-alarm-config-abort EMPTY>

<!ELEMENT ima-alarm-config-abort-fe EMPTY>

<!ELEMENT ima-alarm-fault EMPTY>

<!ELEMENT ima-alarm-insufficient-links EMPTY>

<!ELEMENT ima-alarm-insufficient-links-fe EMPTY>

<!ELEMENT ima-alarm-lif EMPTY>

<!ELEMENT ima-alarm-lods EMPTY>

<!ELEMENT ima-alarm-rdi EMPTY>

<!ELEMENT ima-alarm-rx-misconnected EMPTY>
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<!ELEMENT ima-alarm-rx-unusable-fe EMPTY>

<!ELEMENT ima-alarm-startup-fe EMPTY>

<!ELEMENT ima-alarm-timing-mismatch EMPTY>

<!ELEMENT ima-alarm-tx-misconnected EMPTY>

<!ELEMENT ima-alarm-tx-unusable-fe EMPTY>

<!ELEMENT ima-alarm-version-mismatch EMPTY>

<!ELEMENT ima-differential-delay (#PCDATA)>

<!ELEMENT ima-frame-length (#PCDATA)>

<!ELEMENT ima-frame-sync-alpha (#PCDATA)>

<!ELEMENT ima-frame-sync-beta (#PCDATA)>

<!ELEMENT ima-frame-sync-gamma (#PCDATA)>

<!ELEMENT ima-group-id (#PCDATA)>

<!ELEMENT ima-group-information (media-alarm)*>

<!ELEMENT ima-group-link-enumerator (#PCDATA)>

<!ELEMENT ima-group-link-information (#PCDATA)>

<!ELEMENT ima-group-properties (ima-version | ima-frame-length |
ima-differential-delay | ima-symmetry | ima-transmit-clock | ima-tx-minimum-links
| ima-rx-minimum-links | ima-frame-sync-alpha | ima-frame-sync-beta |
ima-frame-sync-gamma | ima-group-link-enumerator | ima-group-link-information |
ima-test-period | ima-test-elapsed | ima-test-status | ima-test-pattern |
ima-test-link | ima-test-result-pattern | ima-test-result-status |
ima-test-result-miscon | ima-test-result-mispat)*>

<!ELEMENT ima-link-direction (#PCDATA)>

<!ELEMENT ima-link-information (media-alarm)*>

<!ELEMENT ima-link-properties (ima-group-id | ima-link-direction)*>

<!ELEMENT ima-rx-minimum-links (#PCDATA)>

<!ELEMENT ima-state (media-type | ima-state-line | ima-state-near-end |
ima-state-far-end)*>

<!ELEMENT ima-state-far-end (#PCDATA)>

<!ELEMENT ima-state-line (#PCDATA)>

<!ELEMENT ima-state-near-end (#PCDATA)>

<!ELEMENT ima-symmetry (#PCDATA)>

<!ELEMENT ima-test-elapsed (#PCDATA)>

<!ELEMENT ima-test-link (#PCDATA)>
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<!ELEMENT ima-test-pattern (#PCDATA)>

<!ELEMENT ima-test-period (#PCDATA)>

<!ELEMENT ima-test-result-miscon (#PCDATA)>

<!ELEMENT ima-test-result-mispat (#PCDATA)>

<!ELEMENT ima-test-result-pattern (#PCDATA)>

<!ELEMENT ima-test-result-status (#PCDATA)>

<!ELEMENT ima-test-status (#PCDATA)>

<!ELEMENT ima-transmit-clock (#PCDATA)>

<!ELEMENT ima-tx-minimum-links (#PCDATA)>

<!ELEMENT ima-version (#PCDATA)>

<!ELEMENT in-arp-statistics (received-count | transmitted-count | denied-count |
  operation-not-supported-count | bad-packet-length-count | bad-protocol-count |
  bad-protocol-length-count | bad-hardware-length-count | dropped-count |
  last-received | last-transmitted)*>

<!ELEMENT in6-addr-flags (in6-anycast | in6-tentative | in6-duplicate |
  in6-detached | in6-deprecated | in6-nodad | in6-temporary | in6-autoconf |
  in6-nopfxmgmt)*>

<!ELEMENT in6-anycast EMPTY>

<!ELEMENT in6-autoconf EMPTY>

<!ELEMENT in6-deprecated EMPTY>

<!ELEMENT in6-detached EMPTY>

<!ELEMENT in6-duplicate EMPTY>

<!ELEMENT in6-nodad EMPTY>

<!ELEMENT in6-nopfxmgmt EMPTY>

<!ELEMENT in6-temporary EMPTY>

<!ELEMENT in6-tentative EMPTY>

<!ELEMENT ingress-queue-counters (interface-chassis-cos-summary | queue |
  interface-cos-summary | interface-cos-short-summary |
  queue-num-forwarding-class-name-map)*>
<!ATTLIST ingress-queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT ingress-rate-limit (#PCDATA)>

<!ELEMENT ingress-traffic-statistics (input-bytes | input-bps | input-packets |
  input-pps | input-drop-bytes | input-drop-packets | input-drop-bps |
  input-drop-pps)*>
<!ATTLIST ingress-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT init-command-str (#PCDATA)>

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<!ELEMENT init-status (#PCDATA)>

<!ELEMENT initial-route-check (#PCDATA)>

<!ELEMENT input-bps (#PCDATA)>

<!ELEMENT input-broadcasts (#PCDATA)>

<!ELEMENT input-bucket-drops (#PCDATA)>

<!ELEMENT input-bytes (#PCDATA)>

<!ELEMENT input-code-violations (#PCDATA)>

<!ELEMENT input-crc-errors (#PCDATA)>

<!ELEMENT input-disabled-bundle (#PCDATA)>

<!ELEMENT input-discards (#PCDATA)>

<!ELEMENT input-drop-bps (#PCDATA)>

<!ELEMENT input-drop-bytes (#PCDATA)>

<!ELEMENT input-drop-packets (#PCDATA)>

<!ELEMENT input-drop-pps (#PCDATA)>

<!ELEMENT input-drops (#PCDATA)>

<!ELEMENT input-error-count (#PCDATA)>

<!ELEMENT input-error-frames (#PCDATA)>

<!ELEMENT input-error-list (input-errors | input-drops | invalid-vcs |
framing-errors | input-runts | input-giants | input-bucket-drops | input-discards
| input-l3-incompletes | input-l2-channel-errors | input-l2-mismatch-timeouts |
input-fifo-errors | hs-link-crc-errors | hs-link-fifo-overflows | sram-errors |
input-resource-errors)*>

<!ELEMENT input-errors (#PCDATA)>

<!ELEMENT input-fifo-errors (#PCDATA)>

<!ELEMENT input-fps (#PCDATA)>

<!ELEMENT input-fragment-frames (#PCDATA)>

<!ELEMENT input-frames (#PCDATA)>

<!ELEMENT input-giants (#PCDATA)>

<!ELEMENT input-jabber-frames (#PCDATA)>

<!ELEMENT input-l2-channel-errors (#PCDATA)>

<!ELEMENT input-l2-mismatch-timeouts (#PCDATA)>

<!ELEMENT input-l3-incompletes (#PCDATA)>

<!ELEMENT input-mac-control-frames (#PCDATA)>
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<!ELEMENT input-mac-pause-frames (#PCDATA)>

<!ELEMENT input-mac-pfc-frames (#PCDATA)>

<!ELEMENT input-multicasts (#PCDATA)>

<!ELEMENT input-oversized-frames (#PCDATA)>

<!ELEMENT input-packets (#PCDATA)>

<!ELEMENT input-policer-byte-drops (#PCDATA)>

<!ELEMENT input-policer-frame-drops (#PCDATA)>

<!ELEMENT input-pps (#PCDATA)>

<!ELEMENT input-reject-count (#PCDATA)>

<!ELEMENT input-reject-destination-address-count (#PCDATA)>

<!ELEMENT input-reject-source-address-count (#PCDATA)>

<!ELEMENT input-resource-errors (#PCDATA)>

<!ELEMENT input-runs (#PCDATA)>

<!ELEMENT input-undersized-frames (#PCDATA)>

<!ELEMENT input-unicasts (#PCDATA)>

<!ELEMENT input-vlan-tagged-frames (#PCDATA)>

<!ELEMENT instant-usage-weight-exponent (#PCDATA)>
<!ATTLIST instant-usage-weight-exponent junos:format CDATA #IMPLIED>

<!ELEMENT interesting-detected EMPTY>

<!ELEMENT interface-address (ifa-flags | generation | ifa-destination | ifa-local
| in6-addr-flags | ifa-broadcast | ifa-primary-dns | ifa-primary-nbns |
ifa-secondary-dns | ifa-secondary-nbns | ifa-address-pool)*>
<!ATTLIST interface-address heading CDATA #IMPLIED>

<!ELEMENT interface-alarms (alarm-not-present | sonet-alarm-lo1 | sonet-alarm-p11
| sonet-alarm-lof | sonet-alarm-los | sonet-alarm-sef | sonet-alarm-lais |
sonet-alarm-pais | sonet-alarm-lop | sonet-alarm-berr-sd | sonet-alarm-berr-sf |
sonet-alarm-lrdi | sonet-alarm-prdi | sonet-alarm-rei | sonet-alarm-uneq |
sonet-alarm-pmis | sonet-alarm-loc | sonet-alarm-vais | sonet-alarm-vlop |
sonet-alarm-vrdi | sonet-alarm-vuneq | sonet-alarm-vmis | sonet-alarm-vloc |
sdh-alarm-lo1 | sdh-alarm-p11 | sdh-alarm-lof | sdh-alarm-los | sdh-alarm-oof |
sdh-alarm-msais | sdh-alarm-hpais | sdh-alarm-lop | sdh-alarm-berr-sd |
sdh-alarm-berr-sf | sdh-alarm-msferf | sdh-alarm-hpferf | sdh-alarm-hpfebe |
sdh-alarm-hpuneq | sdh-alarm-hpplm | sdh-alarm-loc | sdh-alarm-tuais |
sdh-alarm-tulop | sdh-alarm-turdi | sdh-alarm-tuuneq | sdh-alarm-tumis |
sdh-alarm-tuloc | ds3-alarm-p11 | ds3-alarm-ais | ds3-alarm-lof | ds3-alarm-los
| ds3-alarm-lcv | ds3-alarm-exz | ds3-alarm-ferf | ds3-alarm-ylw | ds3-alarm-id1e
| ds1-alarm-ais | ds1-alarm-lof | ds1-alarm-los | ds1-alarm-ylw |
ds1-alarm-crc-major | ds1-alarm-crc-minor | ds1-alarm-lof | ds1-alarm-los |
ds1-alarm-lom | ds1-alarm-locdi | ds1-alarm-locdni | ds1-alarm-lop |
ds1-alarm-far-lof | ds1-alarm-far-los | ds1-alarm-far-locdi | ds1-alarm-far-locdni
| ethernet-alarm-link-down | ethernet-alarm-lcdp | isdn-alarm-los | isdn-alarm-lof

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    | shdsl-alarm-losd | shdsl-alarm-losw | shdsl-alarm-line1-losd |
    shdsl-alarm-line1-losw | shdsl-alarm-line2-losd | shdsl-alarm-line2-losw |
    otn-alarm-los | otn-alarm-lof | otn-alarm-lom | otn-alarm-wavelength-lock |
    otn-alarm-otu-ais | otn-alarm-otu-bdi | otn-alarm-otu-ttim | otn-alarm-otu-iae |
    otn-alarm-otu-sd | otn-alarm-otu-sf | otn-alarm-otu-fec-excessive |
    otn-alarm-otu-fec-degraded | otn-alarm-otu-threshold-bbe |
    otn-alarm-otu-threshold-es | otn-alarm-otu-threshold-ses |
    otn-alarm-otu-threshold-uas | otn-alarm-odu-ais | otn-alarm-odu-oci |
    otn-alarm-odu-lck | otn-alarm-odu-bdi | otn-alarm-odu-ttim | otn-alarm-odu-sd |
    otn-alarm-odu-sf | otn-alarm-odu-rx-aps-change | otn-alarm-odu-threshold-bbe |
    otn-alarm-odu-threshold-es | otn-alarm-odu-threshold-ses |
    otn-alarm-odu-threshold-uas | otn-alarm-opu-pmi | ima-alarm-startup-fe |
    ima-alarm-config-abort | ima-alarm-config-abort-fe | ima-alarm-insufficient-links
    | ima-alarm-insufficient-links-fe | ima-alarm-blocked | ima-alarm-blocked-fe |
    ima-alarm-timing-mismatch | ima-alarm-version-mismatch | ima-alarm-lif |
    ima-alarm-lods | ima-alarm-rdi | ima-alarm-tx-misconnected |
    ima-alarm-rx-misconnected | ima-alarm-fault | ima-alarm-tx-unusable-fe |
    ima-alarm-rx-unusable-fe | generic-value)*>

<!ELEMENT interface-chassis-cos-summary (intf-cos-chassis-num-queues-supported |
    intf-cos-chassis-num-queues-in-use)*>

<!ELEMENT interface-cos-short-summary (intf-cos-queue-type |
    intf-cos-num-queues-supported | intf-cos-num-queues-in-use)*>

<!ELEMENT interface-cos-summary (intf-cos-forwarding-classes-supported |
    intf-cos-forwarding-classes-in-use | intf-cos-queue-type |
    intf-cos-num-queues-supported | intf-cos-num-queues-in-use |
    intf-cos-burst-size-for-ifl)*>

<!ELEMENT interface-filter-information (physical-interface | logical-interface)*>
<!ATTLIST interface-filter-information heading CDATA #IMPLIED>
<!ATTLIST interface-filter-information junos:style CDATA #IMPLIED>

<!ELEMENT interface-flapped (#PCDATA)>

<!ELEMENT interface-index (#PCDATA)>

<!ELEMENT interface-information (physical-interface | logical-interface |
    controller | interface-set | docsis-information)*>
<!ATTLIST interface-information junos:style CDATA #IMPLIED>

<!ELEMENT interface-location-name-information (location-name-information)*>

<!ELEMENT interface-location-slot-information (location-slot-information)*>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-policer-information (physical-interface | logical-interface)*>
<!ATTLIST interface-policer-information heading CDATA #IMPLIED>
<!ATTLIST interface-policer-information junos:style CDATA #IMPLIED>

<!ELEMENT interface-set (name | interface-set-index | interface-set-member-list
    | traffic-statistics | interface-set-queue-information)*>
<!ATTLIST interface-set junos:style CDATA #IMPLIED>

<!ELEMENT interface-set-index (#PCDATA)>

<!ELEMENT interface-set-member (#PCDATA)>

<!ELEMENT interface-set-member-list (interface-set-member)*>

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<!ELEMENT interface-set-name (#PCDATA)>

<!ELEMENT interface-set-queue-information (queue-counters |
ingress-queue-counters)*>

<!ELEMENT interface-shared-with (#PCDATA)>

<!ELEMENT interface-tx-queue (name | bandwidth | wrr | output-packets |
output-bytes | output-drops | output-drops-bytes | output-errors)*>

<!ELEMENT interleave-fragments (#PCDATA)>

<!ELEMENT interleaved-rx-cells (#PCDATA)>

<!ELEMENT interleaved-tx-cells (#PCDATA)>

<!ELEMENT internal-flags (#PCDATA)>

<!ELEMENT interval (range | media-alarm)*>

<!ELEMENT interval-information (interval)*>

<!ELEMENT intf-cos-burst-size-for-ifl (#PCDATA)>

<!ELEMENT intf-cos-chassis-num-queues-in-use (#PCDATA)>

<!ELEMENT intf-cos-chassis-num-queues-supported (#PCDATA)>

<!ELEMENT intf-cos-forwarding-classes-in-use (#PCDATA)>

<!ELEMENT intf-cos-forwarding-classes-supported (#PCDATA)>

<!ELEMENT intf-cos-num-queues-in-use (#PCDATA)>

<!ELEMENT intf-cos-num-queues-supported (#PCDATA)>

<!ELEMENT intf-cos-queue-type (#PCDATA)>

<!ELEMENT invalid-vcs (#PCDATA)>

<!ELEMENT ipv4-multicast-statistics (input-bytes | input-bps | output-bytes |
output-bps | input-packets | input-pps | output-packets | output-pps)*>

<!ELEMENT ipv6-multicast-statistics (input-bytes | input-bps | output-bytes |
output-bps | input-packets | input-pps | output-packets | output-pps)*>

<!ELEMENT ipv6-total-statistics (input-bytes | output-bytes | input-packets |
output-packets)*>

<!ELEMENT ipv6-transit-statistics (input-bytes | output-bytes | input-packets |
output-packets)*>

<!ELEMENT irb-bridge (#PCDATA)>

<!ELEMENT irb-domain (irb-routing-instance | irb-bridge)*>

<!ELEMENT irb-routing-instance (#PCDATA)>

<!ELEMENT isdn-alarm-lof EMPTY>
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<!ELEMENT isdn-alarm-los EMPTY>

<!ELEMENT jswitch-port (physical-interface-name | port | admin-state |
physical-link | link-speed | auto-negotiation | link-duplexity | port-mtu |
ethernet-mac-statistics | ethernet-autonegotiation | vlan-id | default-vlan-id |
cascade-port)*>

<!ELEMENT jswitch-port-information (jswitch-port)*>
<!ATTLIST jswitch-port-information junos:style CDATA #IMPLIED>

<!ELEMENT keepalive-config (keepalive-interval | keepalive-up-count |
keepalive-down-count)*>

<!ELEMENT keepalive-down-count (#PCDATA)>

<!ELEMENT keepalive-input-count (#PCDATA)>

<!ELEMENT keepalive-input-time (#PCDATA)>

<!ELEMENT keepalive-interval (#PCDATA)>

<!ELEMENT keepalive-lmi-descriptor (#PCDATA)>

<!ELEMENT keepalive-output-count (#PCDATA)>

<!ELEMENT keepalive-output-time (#PCDATA)>

<!ELEMENT keepalive-statistics (keepalive-lmi-descriptor | keepalive-input-count
| keepalive-input-time | keepalive-output-count | keepalive-output-time)*>
<!ATTLIST keepalive-statistics junos:style CDATA #IMPLIED>

<!ELEMENT keepalive-up-count (#PCDATA)>

<!ELEMENT key-length (#PCDATA)>

<!ELEMENT l2circuit-info (cell-bundle-size | cell-bundle-timeout |
cell-timeout-count | out-of-sequence)*>

<!ELEMENT l2circuit-mode (#PCDATA)>

<!ELEMENT l2pt-error (#PCDATA)>

<!ELEMENT lacp-activity (#PCDATA)>

<!ELEMENT lacp-aggregation (#PCDATA)>

<!ELEMENT lacp-collecting (#PCDATA)>

<!ELEMENT lacp-defaulted (#PCDATA)>

<!ELEMENT lacp-distributing (#PCDATA)>

<!ELEMENT lacp-expired (#PCDATA)>

<!ELEMENT lacp-mux-state (#PCDATA)>

<!ELEMENT lacp-port-key (#PCDATA)>

<!ELEMENT lacp-port-number (#PCDATA)>

<!ELEMENT lacp-port-priority (#PCDATA)>
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<!ELEMENT lacp-receive-state (#PCDATA)>

<!ELEMENT lacp-role (#PCDATA)>

<!ELEMENT lacp-rx-packets (#PCDATA)>

<!ELEMENT lacp-synchronization (#PCDATA)>

<!ELEMENT lacp-sys-priority (#PCDATA)>

<!ELEMENT lacp-system-id (#PCDATA)>

<!ELEMENT lacp-timeout (#PCDATA)>

<!ELEMENT lacp-transmit-state (#PCDATA)>

<!ELEMENT lacp-tx-packets (#PCDATA)>

<!ELEMENT lag-bundle (input-packets | input-pps | input-bytes | input-bps |
output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-ipv4-multicast-statistics (input-packets | input-pps | input-bytes
| input-bps | output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-ipv6-multicast-statistics (input-packets | input-pps | input-bytes
| input-bps | output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-lacp-info (name | lacp-role | lacp-sys-priority | lacp-system-id |
lacp-port-priority | lacp-port-number | lacp-port-key)*>

<!ELEMENT lag-lacp-protocol (name | lacp-receive-state | lacp-transmit-state |
lacp-mux-state)*>

<!ELEMENT lag-lacp-state (name | lacp-role | lacp-expired | lacp-defaulted |
lacp-distributing | lacp-collecting | lacp-synchronization | lacp-aggregation |
lacp-timeout | lacp-activity)*>

<!ELEMENT lag-lacp-statistics (name | lacp-rx-packets | lacp-tx-packets |
unknown-rx-packets | illegal-rx-packets)*>

<!ELEMENT lag-link (name | down | input-packets | input-pps | input-bytes |
input-bps | output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-marker (name | marker-rx-packets | marker-response-tx-packets |
unknown-rx-packets | illegal-rx-packets)*>

<!ELEMENT lag-multicast-statistics (lag-multicast-statistics-header |
lag-ipv4-multicast-statistics | lag-ipv6-multicast-statistics)*>
<!--LIST lag-multicast-statistics junos:style CDATA #IMPLIED-->

<!ELEMENT lag-multicast-statistics-header EMPTY>

<!ELEMENT lag-traffic-statistics (lag-bundle | lag-multicast-statistics | lag-link
| lag-marker | lag-lacp-statistics | lag-lacp-info | lag-lacp-state |
lag-lacp-protocol)*>

<!ELEMENT lane-index (#PCDATA)>

<!ELEMENT laser-bias-current (#PCDATA)>

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<!ELEMENT laser-bias-current-alarm (#PCDATA)>
<!ELEMENT laser-bias-current-high-alarm (#PCDATA)>
<!ELEMENT laser-bias-current-high-alarm-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-high-warn (#PCDATA)>
<!ELEMENT laser-bias-current-high-warn-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-low-alarm (#PCDATA)>
<!ELEMENT laser-bias-current-low-alarm-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-low-warn (#PCDATA)>
<!ELEMENT laser-bias-current-low-warn-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-not-available (#PCDATA)>
<!ELEMENT laser-end-of-life-alarm (#PCDATA)>
<!ELEMENT laser-output-power (#PCDATA)>
<!ELEMENT laser-output-power-dbm (#PCDATA)>
<!ELEMENT laser-power-alarm (#PCDATA)>
<!ELEMENT laser-rx-optical-power (#PCDATA)>
<!ELEMENT laser-rx-optical-power-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-not-available (#PCDATA)>
<!ELEMENT laser-temp-high-alarm (#PCDATA)>
<!ELEMENT laser-temp-high-warn (#PCDATA)>
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<!ELEMENT laser-temp-low-alarm (#PCDATA)>

<!ELEMENT laser-temp-low-warn (#PCDATA)>

<!ELEMENT laser-temperature (#PCDATA)>
<!ATTLIST laser-temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT laser-temperature-high-alarm-threshold (#PCDATA)>
<!ATTLIST laser-temperature-high-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT laser-temperature-high-warn-threshold (#PCDATA)>
<!ATTLIST laser-temperature-high-warn-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT laser-temperature-low-alarm-threshold (#PCDATA)>
<!ATTLIST laser-temperature-low-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT laser-temperature-low-warn-threshold (#PCDATA)>
<!ATTLIST laser-temperature-low-warn-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT laser-tx-power-high-alarm (#PCDATA)>

<!ELEMENT laser-tx-power-high-alarm-threshold (#PCDATA)>

<!ELEMENT laser-tx-power-high-alarm-threshold-dbm (#PCDATA)>

<!ELEMENT laser-tx-power-high-warn (#PCDATA)>

<!ELEMENT laser-tx-power-high-warn-threshold (#PCDATA)>

<!ELEMENT laser-tx-power-high-warn-threshold-dbm (#PCDATA)>

<!ELEMENT laser-tx-power-low-alarm (#PCDATA)>

<!ELEMENT laser-tx-power-low-alarm-threshold (#PCDATA)>

<!ELEMENT laser-tx-power-low-alarm-threshold-dbm (#PCDATA)>

<!ELEMENT laser-tx-power-low-warn (#PCDATA)>

<!ELEMENT laser-tx-power-low-warn-threshold (#PCDATA)>

<!ELEMENT laser-tx-power-low-warn-threshold-dbm (#PCDATA)>

<!ELEMENT laser-tx-power-not-available (#PCDATA)>

<!ELEMENT laser-wavelength-alarm (#PCDATA)>

<!ELEMENT last-down-time (#PCDATA)>

<!ELEMENT last-received (#PCDATA)>

<!ELEMENT last-transmitted (#PCDATA)>

<!ELEMENT layer2-input-policer (#PCDATA)>

<!ELEMENT layer2-input-policer-information (layer2-input-policer)*>

<!ELEMENT layer2-input-policer-statistics (policer-low-igmp-frames |
policer-medium-low-igmp-frames | policer-medium-high-igmp-frames |
policer-high-igmp-frames | policer-dropped-igmp-frames | policer-low-frames |

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    policer-medium-low-frames | policer-medium-high-frames | policer-high-frames |
    policer-dropped-frames | policer-low-bytes | policer-medium-low-bytes |
    policer-medium-high-bytes | policer-high-bytes | policer-dropped-bytes |
    policer-low-rate | policer-medium-low-rate | policer-medium-high-rate |
    policer-high-rate | policer-dropped-rate)*>

<!ELEMENT layer2-output-policer (#PCDATA)>

<!ELEMENT layer2-output-policer-information (layer2-output-policer)*>

<!ELEMENT layer2-output-policer-statistics (policer-low-iq2-frames |
    policer-medium-low-iq2-frames | policer-medium-high-iq2-frames |
    policer-high-iq2-frames | policer-dropped-iq2-frames | policer-low-frames |
    policer-medium-low-frames | policer-medium-high-frames | policer-high-frames |
    policer-dropped-frames | policer-low-bytes | policer-medium-low-bytes |
    policer-medium-high-bytes | policer-high-bytes | policer-dropped-bytes |
    policer-low-rate | policer-medium-low-rate | policer-medium-high-rate |
    policer-high-rate | policer-dropped-rate)*>

<!ELEMENT lcc-number (#PCDATA)>

<!ELEMENT lcp-restart-timer (#PCDATA)>

<!ELEMENT lcp-state (#PCDATA)>

<!ELEMENT length-errors (#PCDATA)>

<!ELEMENT lfi (input-frames | input-fps | input-bytes | input-bps | output-frames
    | output-fps | output-bytes | output-bps)*>

<!ELEMENT line-protocol (line-protocol-mode)*>

<!ELEMENT line-protocol-mode (#PCDATA)>

<!ELEMENT linear-red-drop-profile (queue-depth | low-red | high-red | max-low-red
    | max-high-red)*>

<!ELEMENT link (name | down | link-uptime | input-frames | input-fps | input-bytes
    | input-bps | output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT link-address (#PCDATA)>

<!ELEMENT link-duplexity (#PCDATA)>

<!ELEMENT link-entry (link-id | active-alarms | active-defects | sonet-errors |
    sonet-physical-information | sonet-section-information | sonet-line-information
    | sonet-path-information | sonet-payload-pointer-information |
    sonet-payload-pointer-curptr | sonet-payload-pointer-ptrinc-count |
    sonet-payload-pointer-ptrdec-count | sonet-payload-pointer-newptr-ndf-count |
    sonet-vt-information | sonet-rx-overhead | sonet-tx-overhead | sonet-rx-path-trace
    | sonet-tx-path-trace | optics-diagnostics)*>

<!ELEMENT link-failures (#PCDATA)>

<!ELEMENT link-id (#PCDATA)>

<!ELEMENT link-layer-overhead (#PCDATA)>

<!ELEMENT link-level-type (#PCDATA)>

<!ELEMENT link-mode (#PCDATA)>
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<!ELEMENT link-partner-duplexity (#PCDATA)>

<!ELEMENT link-partner-reason (#PCDATA)>

<!ELEMENT link-partner-speed (#PCDATA)>

<!ELEMENT link-partner-status (#PCDATA)>

<!ELEMENT link-speed (#PCDATA)>

<!ELEMENT link-type (#PCDATA)>

<!ELEMENT link-uptime (#PCDATA)>

<!ELEMENT links (link-entry)*>

<!ELEMENT lip-ack-retries (#PCDATA)>

<!ELEMENT lip-ack-timer (#PCDATA)>

<!ELEMENT lip-header-string (#PCDATA)>

<!ELEMENT lip-hello-timer (#PCDATA)>

<!ELEMENT lmi-asynchronous-updates-received (#PCDATA)>

<!ELEMENT lmi-dce-config (lmi-type | lmi-n392dce | lmi-n393dce | lmi-t392dce)*>

<!ELEMENT lmi-dte-config (lmi-type | lmi-n391dte | lmi-n392dte | lmi-n393dte |
lmi-t391dte)*>

<!ELEMENT lmi-enquiries-received (#PCDATA)>

<!ELEMENT lmi-enquiries-sent (#PCDATA)>

<!ELEMENT lmi-enquiry-responses-received (#PCDATA)>

<!ELEMENT lmi-enquiry-responses-sent (#PCDATA)>

<!ELEMENT lmi-full-enquiries-received (#PCDATA)>

<!ELEMENT lmi-full-enquiries-sent (#PCDATA)>

<!ELEMENT lmi-full-enquiry-responses-received (#PCDATA)>

<!ELEMENT lmi-full-enquiry-responses-sent (#PCDATA)>

<!ELEMENT lmi-keepalive-responses-timeout (#PCDATA)>

<!ELEMENT lmi-n391dte (#PCDATA)>

<!ELEMENT lmi-n392dce (#PCDATA)>

<!ELEMENT lmi-n392dte (#PCDATA)>

<!ELEMENT lmi-n393dce (#PCDATA)>

<!ELEMENT lmi-n393dte (#PCDATA)>

<!ELEMENT lmi-out-of-sequence (#PCDATA)>
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<!ELEMENT lmi-statistics (lmi-statistics-dte-descriptor | lmi-enquiries-sent |
lmi-full-enquiries-sent | lmi-enquiry-responses-received |
lmi-full-enquiry-responses-received | lmi-statistics-dce-descriptor |
lmi-enquiries-received | lmi-full-enquiries-received | lmi-enquiry-responses-sent
| lmi-full-enquiry-responses-sent | lmi-statistics-common-descriptor |
lmi-unknown-messages-received | lmi-asynchronous-updates-received |
lmi-out-of-sequence | lmi-keepalive-responses-timeout)*>

<!ELEMENT lmi-statistics-common-descriptor (#PCDATA)>

<!ELEMENT lmi-statistics-dce-descriptor (#PCDATA)>

<!ELEMENT lmi-statistics-dte-descriptor (#PCDATA)>

<!ELEMENT lmi-t391dte (#PCDATA)>

<!ELEMENT lmi-t392dce (#PCDATA)>

<!ELEMENT lmi-type (#PCDATA)>

<!ELEMENT lmi-unknown-messages-received (#PCDATA)>

<!ELEMENT load-interval (#PCDATA)>

<!ELEMENT load-threshold (#PCDATA)>

<!ELEMENT local-flow-control (#PCDATA)>

<!ELEMENT local-index (#PCDATA)>

<!ELEMENT local-info (local-flow-control | local-remote-fault | local-link-speed
| local-link-duplexity)*>

<!ELEMENT local-link-duplexity (#PCDATA)>

<!ELEMENT local-link-speed (#PCDATA)>

<!ELEMENT local-remote-fault (#PCDATA)>

<!ELEMENT local-traffic-statistics (input-bytes | output-bytes | input-bps |
output-bps | input-packets | output-packets | input-pps | output-pps)*>

<!ELEMENT location-name-information (interface-name | fpc-number | lcc-number)*>

<!ELEMENT location-slot-information (global-fpc-number)*>

<!ELEMENT logical-interface (name | admin-status | oper-status | vrfname |
local-index | hardware-token | snmp-index | generation | description |
if-config-flags | multilink-flapped | link-address | encapsulation |
interface-set-name | demux-table-type | gre-keepalive-configured |
gre-keepalive-adj-state | copy-tos-to-outer-ip-header |
redundant-logical-interface-name | layer2-input-policer-information |
layer2-output-policer-information | pppoe-information | demux-interface |
demux-information | dialer-time-to-disconnect | dialer-information |
shared-interface-information | logical-interface-mac | mac-database |
logical-interface-bandwidth | queue-counters | ingress-queue-counters |
multilink-bundle-link-information | multilink-bundle-options |
multilink-bundle-errors | multilink-traffic-statistics | traffic-statistics |
multicast-statistics | ingress-traffic-statistics | local-traffic-statistics |
transit-traffic-statistics | keepalive-config | keepalive-statistics | ppp-flags
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| lcp-state | ncp-information | chap-state | pap-state |
virtual-circuit-information | filter-information | policer-information |
address-family | bridge-iff-properties | in-arp-statistics | l2circuit-info |
irb-domain | media-information | multilink-bundle-status | multilink-bundle-class
| lag-traffic-statistics | layer2-input-policer-statistics |
layer2-output-policer-statistics | mac-policer-information | ppp-parameters)*>

<!ELEMENT logical-interface-bandwidth (#PCDATA)>

<!ELEMENT logical-interface-mac (#PCDATA)>

<!ELEMENT loopback (#PCDATA)>

<!ELEMENT loopback-clear-timer (#PCDATA)>

<!ELEMENT loss-of-signal (#PCDATA)>

<!ELEMENT loss-of-sync (#PCDATA)>

<!ELEMENT low-red (#PCDATA)>

<!ELEMENT lsi-traffic-statistics (input-bytes | input-bps | input-packets |
input-pps)*>
<!ATTLIST lsi-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT mac-address (#PCDATA)>

<!ELEMENT mac-database (mac-record | number-of-mac-record)*>

<!ELEMENT mac-entry-type (#PCDATA)>

<!ELEMENT mac-mode (#PCDATA)>

<!ELEMENT mac-pfc-dot1p (#PCDATA)>

<!ELEMENT mac-policer-information (mac-address | mac-entry-type | receive-bytes
| transmit-bytes | receive-frames | transmit-frames | ether-policer-list)*>

<!ELEMENT mac-record (mac-address | receive-frames | receive-bytes |
transmit-frames | transmit-bytes)*>

<!ELEMENT mac-validate-bytes (#PCDATA)>

<!ELEMENT mac-validate-packets (#PCDATA)>

<!ELEMENT mac-validate-statistics (mac-validate-packets | mac-validate-bytes)*>

<!ELEMENT marker-response-tx-packets (#PCDATA)>

<!ELEMENT marker-rx-packets (#PCDATA)>

<!ELEMENT max-high-red (#PCDATA)>

<!ELEMENT max-low-red (#PCDATA)>

<!ELEMENT max-sessions (#PCDATA)>

<!ELEMENT max-speed (#PCDATA)>

<!ELEMENT maximum-labels (#PCDATA)>

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<!ELEMENT mc-ae-status (#PCDATA)>

<!ELEMENT media-alarm (media-alarm-name | media-alarm-seconds | media-alarm-count
| media-alarm-state | ce-counter-name | ce-counter-packets | ce-counter-bytes |
ce-counter-count)*>

<!ELEMENT media-alarm-count (#PCDATA)>

<!ELEMENT media-alarm-name (#PCDATA)>

<!ELEMENT media-alarm-seconds (#PCDATA)>

<!ELEMENT media-alarm-state (#PCDATA)>

<!ELEMENT media-information (media-alarm | ds1-timeslots | ds1-line-encoding |
ds1-byte-encoding | ds1-data-inversion | ds1-buildout | ds0-byte-encoding |
ds0-data-inversion | idle-cycle-flag | start-end-flag | e3-data-inversion |
media-type)*>
<!--ATTLIST media-information junos:style CDATA #IMPLIED-->

<!ELEMENT media-state (media-state-name | media-state-state)*>

<!ELEMENT media-state-information (media-type | media-state)*>

<!ELEMENT media-state-name (#PCDATA)>

<!ELEMENT media-state-state (#PCDATA)>

<!ELEMENT media-type (#PCDATA)>

<!ELEMENT minimum-bandwidth-in-aggregate (#PCDATA)>

<!ELEMENT minimum-links (#PCDATA)>

<!ELEMENT minimum-links-in-aggregate (#PCDATA)>

<!ELEMENT mlfr-uni-nni-bandwidth (#PCDATA)>

<!ELEMENT mlfr-uni-nni-bundle-options (mlfr-uni-nni-device-type | mlfr-uni-nni-mrru
| mlfr-uni-nni-bandwidth | red-differential-delay | red-differential-delay-action
| yellow-differential-delay | lip-hello-timer | lip-ack-timer | lip-ack-retries
| bundle-class | mlfr-uni-nni-drop-timeout | mlfr-uni-nni-link-layer-overhead |
mlfr-uni-nni-lmi-type | mlfr-uni-nni-fragment-threshold |
mlfr-uni-nni-minimum-links | t391 | t392 | n391 | n392 | n393)*>

<!ELEMENT mlfr-uni-nni-device-type (#PCDATA)>

<!ELEMENT mlfr-uni-nni-drop-timeout (#PCDATA)>

<!ELEMENT mlfr-uni-nni-fragment-threshold (#PCDATA)>

<!ELEMENT mlfr-uni-nni-link (name | down | link-uptime | input-frames | input-fps
| input-bytes | input-bps | output-frames | output-fps | output-bytes | output-bps
| lip-header-string | current-differential-delay | recent-high-differential-delay
| over-red-differential | over-yellow-differential | rcv-lip-addlink |
rcv-lip-link-ack | rcv-lip-link-rej | rcv-lip-hello | rcv-lip-hello-ack |
rcv-lip-link-rem | rcv-lip-rem-ack | xmt-lip-addlink | xmt-lip-link-ack |
xmt-lip-link-rej | xmt-lip-hello | xmt-lip-hello-ack | xmt-lip-link-rem |
xmt-lip-rem-ack)*>

<!ELEMENT mlfr-uni-nni-link-information (active-bundle-links | removed-bundle-links
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| disabled-bundle-links)*>

<!ELEMENT mlfri-uni-nni-link-layer-overhead (#PCDATA)>

<!ELEMENT mlfri-uni-nni-lmi-type (#PCDATA)>

<!ELEMENT mlfri-uni-nni-minimum-links (#PCDATA)>

<!ELEMENT mlfri-uni-nni-mrru (#PCDATA)>

<!ELEMENT mlfri-uni-nni-traffic-statistics (bundle | mlfri-uni-nni-link-information
| mlfri-uni-nni-link)*>

<!ELEMENT mlppp-inner-ppp-pfc (#PCDATA)>

<!ELEMENT mode (#PCDATA)>

<!ELEMENT modem-information (modem-type | init-command-str | init-status |
baud-rate | call-status | error-code | call-duration | call-direction)*>

<!ELEMENT modem-type (#PCDATA)>

<!ELEMENT modulator-bias-alarm (#PCDATA)>

<!ELEMENT modulator-temperature-alarm (#PCDATA)>

<!ELEMENT module-fault-alarm (#PCDATA)>

<!ELEMENT module-not-high-power-on-alarm (#PCDATA)>

<!ELEMENT module-not-init-done-alarm (#PCDATA)>

<!ELEMENT module-not-ready-alarm (#PCDATA)>

<!ELEMENT module-power-down-alarm (#PCDATA)>

<!ELEMENT module-temperature (#PCDATA)>
<!ATTLIST module-temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-alarm (#PCDATA)>

<!ELEMENT module-temperature-high-alarm (#PCDATA)>

<!ELEMENT module-temperature-high-alarm-threshold (#PCDATA)>
<!ATTLIST module-temperature-high-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-high-warn (#PCDATA)>

<!ELEMENT module-temperature-high-warn-threshold (#PCDATA)>
<!ATTLIST module-temperature-high-warn-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-low-alarm (#PCDATA)>

<!ELEMENT module-temperature-low-alarm-threshold (#PCDATA)>
<!ATTLIST module-temperature-low-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-low-warn (#PCDATA)>

<!ELEMENT module-temperature-low-warn-threshold (#PCDATA)>
<!ATTLIST module-temperature-low-warn-threshold junos:celsius CDATA #IMPLIED>

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<!ELEMENT module-temperature-not-available (#PCDATA)>

<!ELEMENT module-voltage (#PCDATA)>

<!ELEMENT module-voltage-high-alarm (#PCDATA)>

<!ELEMENT module-voltage-high-alarm-threshold (#PCDATA)>

<!ELEMENT module-voltage-high-warn (#PCDATA)>

<!ELEMENT module-voltage-high-warn-threshold (#PCDATA)>

<!ELEMENT module-voltage-low-alarm (#PCDATA)>

<!ELEMENT module-voltage-low-alarm-threshold (#PCDATA)>

<!ELEMENT module-voltage-low-warn (#PCDATA)>

<!ELEMENT module-voltage-low-warn-threshold (#PCDATA)>

<!ELEMENT mrru (#PCDATA)>

<!ELEMENT mrru-exceeded (#PCDATA)>

<!ELEMENT mtu (#PCDATA)>

<!ELEMENT mtu-errors (#PCDATA)>

<!ELEMENT multicast-statistics (multicast-statistics-header |
ipv4-multicast-statistics | ipv6-multicast-statistics)*>
<ATTLIST multicast-statistics junos:style CDATA #IMPLIED>

<!ELEMENT multicast-statistics-header EMPTY>

<!ELEMENT multilink EMPTY>

<!ELEMENT multilink-active-bundle-links (#PCDATA)>

<!ELEMENT multilink-bundle-class (multilink-class-id | rx-sequence-number |
tx-sequence-number | packet-drops | packet-drop-bytes | fragment-drops |
fragment-drop-bytes | mrru-exceeded | processing-errors | fragment-timeout |
sequence-number-missing | out-of-order-sequence-number |
out-of-range-sequence-number | packet-buffer-overflow | fragment-buffer-overflow
| multilink-class-drop-timeout)*>

<!ELEMENT multilink-bundle-errors (packet-drops | packet-drop-bytes |
fragment-drops | fragment-drop-bytes | mrru-exceeded | processing-errors)*>

<!ELEMENT multilink-bundle-link-information (multilink-active-bundle-links |
multilink-removed-bundle-links | multilink-disabled-bundle-links)*>

<!ELEMENT multilink-bundle-name (#PCDATA)>

<!ELEMENT multilink-bundle-options (mrru | remote-mrru | drop-timeout |
mlppp-inner-ppp-pfc | sequence-number-format | fragment-threshold | minimum-links
| interleave-fragments | multilink-classes | link-layer-overhead)*>

<!ELEMENT multilink-bundle-status (rx-sequence-number | tx-sequence-number |
packet-drops | packet-drop-bytes | fragment-drops | fragment-drop-bytes |
mrru-exceeded | processing-errors | fragment-timeout | sequence-number-missing |
out-of-order-sequence-number | out-of-range-sequence-number |
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packet-buffer-overflow | fragment-buffer-overflow)*>

<!ELEMENT multilink-class-drop-timeout (#PCDATA)>

<!ELEMENT multilink-class-id (#PCDATA)>

<!ELEMENT multilink-classes (#PCDATA)>

<!ELEMENT multilink-detail-statistics (bundle-detail | class-detail)*>

<!ELEMENT multilink-disabled-bundle-links (#PCDATA)>

<!ELEMENT multilink-flapped (#PCDATA)>

<!ELEMENT multilink-frames (input-frames | input-fps | input-bytes | input-bps |
  output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT multilink-interface-errors (oversized-frames | input-error-frames |
  input-disabled-bundle | output-disabled-bundle | queuing-drops |
  packet-buffer-overflow | fragment-buffer-overflow | fragment-timeout |
  sequence-number-missing | out-of-order-sequence-number |
  out-of-range-sequence-number | data-memory-error | control-memory-error)*>

<!ELEMENT multilink-removed-bundle-links (#PCDATA)>

<!ELEMENT multilink-traffic-statistics (bundle | class | link |
  multilink-detail-statistics | crtp)*>

<!ELEMENT multipoint-address (#PCDATA)>

<!ELEMENT n391 (#PCDATA)>

<!ELEMENT n392 (#PCDATA)>

<!ELEMENT n393 (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT ncp-information (ncp-protocol | ncp-state)*>

<!ELEMENT ncp-protocol (#PCDATA)>

<!ELEMENT ncp-restart-timer (#PCDATA)>

<!ELEMENT ncp-state (#PCDATA)>

<!ELEMENT near-end-attainable-bitrate (#PCDATA)>

<!ELEMENT near-end-attenuation (#PCDATA)>

<!ELEMENT near-end-capacity-used (#PCDATA)>

<!ELEMENT near-end-fast-bitrate (#PCDATA)>

<!ELEMENT near-end-fast-crc (#PCDATA)>

<!ELEMENT near-end-fast-fec (#PCDATA)>

<!ELEMENT near-end-fast-hec (#PCDATA)>

<!ELEMENT near-end-fast-rx-cells (#PCDATA)>

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<!ELEMENT near-end-fast-tx-cells (#PCDATA)>

<!ELEMENT near-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT near-end-interleaved-crc (#PCDATA)>

<!ELEMENT near-end-interleaved-fec (#PCDATA)>

<!ELEMENT near-end-interleaved-hec (#PCDATA)>

<!ELEMENT near-end-interleaved-rx-cells (#PCDATA)>

<!ELEMENT near-end-interleaved-tx-cells (#PCDATA)>

<!ELEMENT near-end-noise-margin (#PCDATA)>

<!ELEMENT near-end-output-power (#PCDATA)>

<!ELEMENT network-frames (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT no-buffers (#PCDATA)>

<!ELEMENT no-mac-learning-status (#PCDATA)>

<!ELEMENT non-conform-clp0-cells (#PCDATA)>

<!ELEMENT non-conform-clp1-cells (#PCDATA)>

<!ELEMENT non-fragments (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT number-of-mac-record (#PCDATA)>

<!ELEMENT nxds0-information (interface-tx-queue)*>

<!ELEMENT oam-ais-received-count (#PCDATA)>

<!ELEMENT oam-ais-received-last (#PCDATA)>

<!ELEMENT oam-ais-transmitted-count (#PCDATA)>

<!ELEMENT oam-ais-transmitted-last (#PCDATA)>

<!ELEMENT oam-cell-no-buffers (#PCDATA)>

<!ELEMENT oam-loopback-received-count (#PCDATA)>

<!ELEMENT oam-loopback-received-last (#PCDATA)>

<!ELEMENT oam-loopback-transmitted-count (#PCDATA)>

<!ELEMENT oam-loopback-transmitted-last (#PCDATA)>

<!ELEMENT oam-parameters (period | up-count | down-count)*>

<!ELEMENT oam-rdi-received-count (#PCDATA)>

<!ELEMENT oam-rdi-received-last (#PCDATA)>
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<!ELEMENT oam-rdi-transmitted-count (#PCDATA)>

<!ELEMENT oam-rdi-transmitted-last (#PCDATA)>

<!ELEMENT oam-statistics (oam-loopback-received-count | oam-loopback-received-last |
  oam-loopback-transmitted-count | oam-loopback-transmitted-last |
  oam-rdi-received-count | oam-rdi-received-last | oam-rdi-transmitted-count |
  oam-rdi-transmitted-last | oam-ais-received-count | oam-ais-received-last |
  oam-ais-transmitted-count | oam-ais-transmitted-last | oam-total-transmitted-count
  | oam-total-received-count | oam-total-transmitted-count-4 |
  oam-total-received-count-4)*>

<!ELEMENT oam-total-received-count (#PCDATA)>

<!ELEMENT oam-total-received-count-4 (#PCDATA)>

<!ELEMENT oam-total-transmitted-count (#PCDATA)>

<!ELEMENT oam-total-transmitted-count-4 (#PCDATA)>

<!ELEMENT oper-status (#PCDATA)>

<!ELEMENT operation-not-supported-count (#PCDATA)>

<!ELEMENT optic-diagnostics-not-available (#PCDATA)>

<!ELEMENT optics-diagnostics (optic-diagnostics-not-available |
  laser-bias-current-not-available | soa-bias-current-not-available |
  laser-tx-power-not-available | module-temperature-not-available |
  laser-rx-power-not-available | laser-bias-current | laser-output-power |
  laser-output-power-dbm | module-temperature | module-voltage | soa-bias-current
  | rx-signal-avg-optical-power | rx-signal-avg-optical-power-dbm |
  laser-rx-optical-power | laser-rx-optical-power-dbm | laser-bias-current-high-alarm
  | laser-bias-current-low-alarm | laser-bias-current-high-warn |
  laser-bias-current-low-warn | laser-tx-power-high-alarm | laser-tx-power-low-alarm
  | laser-tx-power-high-warn | laser-tx-power-low-warn | laser-rx-power-high-alarm
  | laser-rx-power-low-alarm | laser-rx-power-high-warn | laser-rx-power-low-warn
  | tx-loss-of-signal-functionality-alarm | tx-cdr-loss-of-lock-alarm |
  rx-loss-of-signal-alarm | rx-cdr-loss-of-lock-alarm | apd-supply-fault-alarm |
  tec-fault-alarm | wavelength-unlocked-alarm | module-voltage-high-alarm |
  module-voltage-low-alarm | module-voltage-high-warn | module-voltage-low-warn |
  module-temperature-high-alarm | module-temperature-low-alarm |
  module-temperature-high-warn | module-temperature-low-warn |
  soa-bias-current-high-alarm | soa-bias-current-low-alarm |
  soa-bias-current-high-warn | soa-bias-current-low-warn | laser-end-of-life-alarm
  | laser-wavelength-alarm | laser-bias-current-alarm | module-temperature-alarm
  | laser-power-alarm | modulator-temperature-alarm | modulator-bias-alarm |
  module-not-ready-alarm | module-power-down-alarm | module-not-init-done-alarm |
  module-not-high-power-on-alarm | module-fault-alarm | pld-flash-init-fault-alarm
  | power-supply-fault-alarm | checksum-fault-alarm | tx-mux-fifo-error-alarm |
  tx-loss-of-pll-alarm | tx-data-not-ready-alarm | tx-not-ready-alarm |
  tx-laser-fault-alarm | tx-laser-disabled-alarm | rx-loss-avg-opt-power-alarm |
  rx-loss-ac-power-alarm | rx-loss-of-pll-alarm | rx-not-ready-alarm |
  module-voltage-high-alarm-threshold | module-voltage-low-alarm-threshold |
  module-voltage-high-warn-threshold | module-voltage-low-warn-threshold |
  laser-bias-current-high-alarm-threshold | laser-bias-current-low-alarm-threshold
  | laser-bias-current-high-warn-threshold | laser-bias-current-low-warn-threshold
  | soa-bias-current-high-alarm-threshold | soa-bias-current-low-alarm-threshold
  | soa-bias-current-high-warn-threshold | soa-bias-current-low-warn-threshold |
  laser-tx-power-high-alarm-threshold | laser-tx-power-low-alarm-threshold |
  laser-tx-power-high-warn-threshold | laser-tx-power-low-warn-threshold |

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laser-tx-power-high-alarm-threshold-dbm | laser-tx-power-low-alarm-threshold-dbm
| laser-tx-power-high-warn-threshold-dbm | laser-tx-power-low-warn-threshold-dbm
| module-temperature-high-alarm-threshold | module-temperature-low-alarm-threshold
| module-temperature-high-warn-threshold | module-temperature-low-warn-threshold
| laser-temperature-high-alarm-threshold | laser-temperature-low-alarm-threshold
| laser-temperature-high-warn-threshold | laser-temperature-low-warn-threshold
| laser-rx-power-high-alarm-threshold | laser-rx-power-low-alarm-threshold |
laser-rx-power-high-warn-threshold | laser-rx-power-low-warn-threshold |
laser-rx-power-high-alarm-threshold-dbm | laser-rx-power-low-alarm-threshold-dbm
| laser-rx-power-high-warn-threshold-dbm | laser-rx-power-low-warn-threshold-dbm
| optics-diagnostics-lane-values)*>

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```

<!ELEMENT optics-diagnostics-lane-values (lane-index | laser-bias-current |
laser-output-power | laser-output-power-dbm | laser-temperature |
laser-rx-optical-power | laser-rx-optical-power-dbm | laser-bias-current-high-alarm
| laser-bias-current-low-alarm | laser-bias-current-high-warn |
laser-bias-current-low-warn | laser-tx-power-high-alarm | laser-tx-power-low-alarm
| laser-tx-power-high-warn | laser-tx-power-low-warn | laser-temp-high-alarm |
laser-temp-low-alarm | laser-temp-high-warn | laser-temp-low-warn |
laser-rx-power-high-alarm | laser-rx-power-low-alarm | laser-rx-power-high-warn
| laser-rx-power-low-warn | tec-fault-alarm | wavelength-unlocked-alarm |
apd-supply-fault-alarm | tx-loss-of-signal-functionality-alarm |
tx-cdr-loss-of-lock-alarm | rx-loss-of-signal-alarm | rx-cdr-loss-of-lock-alarm)*>

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<!ELEMENT optics-properties (wavelength | frequency)*>

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<!ELEMENT otn-alarm-lof EMPTY>

```

```

<!ELEMENT otn-alarm-lom EMPTY>

```

```

<!ELEMENT otn-alarm-los EMPTY>

```

```

<!ELEMENT otn-alarm-odu-ais EMPTY>

```

```

<!ELEMENT otn-alarm-odu-bdi EMPTY>

```

```

<!ELEMENT otn-alarm-odu-lck EMPTY>

```

```

<!ELEMENT otn-alarm-odu-oci EMPTY>

```

```

<!ELEMENT otn-alarm-odu-rx-aps-change EMPTY>

```

```

<!ELEMENT otn-alarm-odu-sd EMPTY>

```

```

<!ELEMENT otn-alarm-odu-sf EMPTY>

```

```

<!ELEMENT otn-alarm-odu-threshold-bbe EMPTY>

```

```

<!ELEMENT otn-alarm-odu-threshold-es EMPTY>

```

```

<!ELEMENT otn-alarm-odu-threshold-ses EMPTY>

```

```

<!ELEMENT otn-alarm-odu-threshold-uas EMPTY>

```

```

<!ELEMENT otn-alarm-odu-ttim EMPTY>

```

```

<!ELEMENT otn-alarm-opu-pmi EMPTY>

```

```

<!ELEMENT otn-alarm-otu-ais EMPTY>

```

```

<!ELEMENT otn-alarm-otu-bdi EMPTY>

```

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<!ELEMENT otn-alarm-otu-fec-degraded EMPTY>

<!ELEMENT otn-alarm-otu-fec-excessive EMPTY>

<!ELEMENT otn-alarm-otu-iae EMPTY>

<!ELEMENT otn-alarm-otu-sd EMPTY>

<!ELEMENT otn-alarm-otu-sf EMPTY>

<!ELEMENT otn-alarm-otu-threshold-bbe EMPTY>

<!ELEMENT otn-alarm-otu-threshold-es EMPTY>

<!ELEMENT otn-alarm-otu-threshold-ses EMPTY>

<!ELEMENT otn-alarm-otu-threshold-uas EMPTY>

<!ELEMENT otn-alarm-otu-ttim EMPTY>

<!ELEMENT otn-alarm-wavelength-lock EMPTY>

<!ELEMENT otn-errors (media-alarm)*>
<ATTLIST otn-errors junos:style CDATA #IMPLIED>

<!ELEMENT otn-fec-alarms (media-alarm)*>
<ATTLIST otn-fec-alarms junos:style CDATA #IMPLIED>

<!ELEMENT otn-fec-mode (fec-mode)*>
<ATTLIST otn-fec-mode junos:style CDATA #IMPLIED>

<!ELEMENT otn-fec-statistics (fec-corrected-errors | fec-valid-time |
fec-corrected-error-ratio)*>
<ATTLIST otn-fec-statistics junos:style CDATA #IMPLIED>

<!ELEMENT otn-loopback (#PCDATA)>

<!ELEMENT otn-mode (#PCDATA)>

<!ELEMENT otn-oc-information (media-alarm)*>
<ATTLIST otn-oc-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-odu-information (media-alarm)*>
<ATTLIST otn-odu-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-loopback (otn-loopback)*>
<ATTLIST otn-otn-loopback junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-mode (otn-mode)*>
<ATTLIST otn-otn-mode junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-rate (otn-rate)*>
<ATTLIST otn-otn-rate junos:style CDATA #IMPLIED>

<!ELEMENT otn-otu-information (media-alarm)*>
<ATTLIST otn-otu-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-rate (#PCDATA)>

<!ELEMENT otn-rx-overhead (#PCDATA)>
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<!ELEMENT otn-rx-tti (#PCDATA)>

<!ELEMENT otn-stats-counter (#PCDATA)>

<!ELEMENT otn-tx-overhead (#PCDATA)>

<!ELEMENT otn-tx-tti (#PCDATA)>

<!ELEMENT out-of-order-sequence-number (#PCDATA)>

<!ELEMENT out-of-range-sequence-number (#PCDATA)>

<!ELEMENT out-of-sequence (#PCDATA)>

<!ELEMENT out-of-spec-bytes (#PCDATA)>

<!ELEMENT out-of-spec-frames (#PCDATA)>

<!ELEMENT output-bps (#PCDATA)>

<!ELEMENT output-broadcasts (#PCDATA)>

<!ELEMENT output-bytes (#PCDATA)>

<!ELEMENT output-collisions (#PCDATA)>

<!ELEMENT output-crc-errors (#PCDATA)>

<!ELEMENT output-disabled-bundle (#PCDATA)>

<!ELEMENT output-drops (#PCDATA)>

<!ELEMENT output-drops-bytes (#PCDATA)>

<!ELEMENT output-error-count (#PCDATA)>

<!ELEMENT output-error-list (carrier-transitions | output-errors | output-drops
| output-collisions | output-hs-link-fifo-overflows | aged-packets |
output-fifo-errors | hs-link-fifo-underflows | hs-link-crc-errors | mtu-errors |
output-resource-errors)*>

<!ELEMENT output-errors (#PCDATA)>

<!ELEMENT output-fifo-errors (#PCDATA)>

<!ELEMENT output-fps (#PCDATA)>

<!ELEMENT output-frames (#PCDATA)>

<!ELEMENT output-hs-link-fifo-overflows (#PCDATA)>

<!ELEMENT output-mac-control-frames (#PCDATA)>

<!ELEMENT output-mac-pause-frames (#PCDATA)>

<!ELEMENT output-mac-pfc-frames (#PCDATA)>

<!ELEMENT output-multicasts (#PCDATA)>

<!ELEMENT output-packet-error-count (#PCDATA)>
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<!ELEMENT output-packet-pad-count (#PCDATA)>

<!ELEMENT output-packets (#PCDATA)>

<!ELEMENT output-pps (#PCDATA)>

<!ELEMENT output-resource-errors (#PCDATA)>

<!ELEMENT output-unicasts (#PCDATA)>

<!ELEMENT over-red-differential (#PCDATA)>

<!ELEMENT over-yellow-differential (#PCDATA)>

<!ELEMENT oversized-frames (#PCDATA)>

<!ELEMENT ownership (#PCDATA)>

<!ELEMENT packet-buffer-overflow (#PCDATA)>

<!ELEMENT packet-drop-bytes (#PCDATA)>

<!ELEMENT packet-drops (#PCDATA)>

<!ELEMENT padg-credits (#PCDATA)>

<!ELEMENT padm-hurl (#PCDATA)>

<!ELEMENT padm-motm (#PCDATA)>

<!ELEMENT pap-state (#PCDATA)>

<!ELEMENT payload-scrambler (#PCDATA)>

<!ELEMENT peak (#PCDATA)>

<!ELEMENT peer-configuration-status (peer-nonmatching-dlci)*>
<!-- ATTENTION: peer-configuration-status junos:style CDATA #IMPLIED -->

<!ELEMENT peer-interface-name (#PCDATA)>

<!ELEMENT peer-nonmatching-dlci (#PCDATA)>

<!ELEMENT period (#PCDATA)>

<!ELEMENT pfe-information (destination-slot | destination-mask | stream-number |
  stream-mask | plp-byte | plp-byte-count | pop-all-label)*>

<!ELEMENT physical-burst (#PCDATA)>

<!ELEMENT physical-information (#PCDATA)>

<!ELEMENT physical-interface (name | mc-ae-status | admin-status | oper-status |
  local-index | snmp-index | generation | description | if-type | link-level-type
  | mtu | link-mode | mac-mode | speed | max-speed | duplex | clocking | sonet-mode
  | physical-mode | l2circuit-mode | ifd-cell-bundle-size | ifd-cell-bundle-timeout
  | loopback | ih-parent | atm-line-build-out | atm-encapsulation | atm-e3-framing
  | sonet-loopback | crc | payload-scrambler | ingress-rate-limit | source-filtering
  | if-flow-control | bpdu-error | l2pt-error | if-unidirectional |
  if-auto-negotiation | if-remote-fault | if-speed-auto-negotiation | if-auto-mdix

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    | minimum-links-in-aggregate | minimum-bandwidth-in-aggregate | if-device-flags
    | if-config-flags | shared-interface-physical-interface | link-type |
    if-media-flags | optics-properties | keepalive-config | lmi-dce-config |
    lmi-dte-config | queue-counters | keepalive-statistics | ppp-flags | lcp-state |
    ncp-information | chap-state | pap-state | physical-information | es-ifd-stats
    | up-hold-time | down-hold-time | current-physical-address |
    hardware-physical-address | alternate-physical-address | interface-flapped |
    statistics-cleared | preserve-interface | preserve-interface-statistics |
    traffic-statistics | multicast-statistics | ingress-traffic-statistics |
    multilink-interface-errors | mlfr-uni-nni-bundle-options | multilink-bundle-errors
    | input-error-list | input-error-count | output-error-list | output-error-count
    | ber-threshold | ds1-crc-alarm-threshold | active-alarms | active-defects |
    media-state-information | sonet-errors | sonet-physical-information |
    sonet-section-information | sonet-line-information | sonet-path-information |
    sonet-payload-pointer-information | sonet-payload-pointer-curptr |
    sonet-payload-pointer-ptrinc-count | sonet-payload-pointer-ptrdec-count |
    sonet-payload-pointer-newptr-ndf-count | sonet-vt-information | sonet-rx-overhead
    | sonet-tx-overhead | sonet-rx-path-trace | sonet-tx-path-trace | otn-errors |
    otn-rx-overhead | otn-tx-overhead | otn-stats-counter | otn-fec-statistics |
    otn-fec-alarms | otn-fec-mode | otn-otn-mode | otn-otn-rate | otn-otn-loopback |
    otn-rx-tti | otn-tx-tti | media-information | ethernet-pcs-statistics |
    ethernet-mac-statistics | fibrechannel-port-flow-control |
    fibrechannel-mac-statistics | ethernet-filter-statistics | ethernet-autonegotiation
    | link-partner-status | local-info | mac-database | ds1-information |
    vds1-information | shds1-information | atm-information | modem-information |
    serial-information | virtual-path-information | ct3-information | cds1-information
    | nxds0-information | ds3-mode | ds3-long-buildout | e3-framing | ds1-framing |
    dsu-information | ds3-bert-information | e3-bert-information |
    ds1-bert-information | ds0-bert-information | hdlc-information | pfe-information
    | logical-interface | active-alarms-otn | active-defects-otn | links |
    src-information | peer-configuration-status | lmi-statistics |
    lsi-traffic-statistics | stp-traffic-statistics |
    queue-num-forwarding-class-name-map | chassis-queue-counters |
    ingress-queue-counters | otn-oc-information | otn-otu-information |
    otn-odu-information | ima-state | ima-group-information | ima-link-information |
    ethernet-mac-pfc-statistics | satop-information | cesopsn-information |
    ima-group-properties | ima-link-properties | cos-header | cos-information |
    physical-interface-cos-information | mlfr-uni-nni-traffic-statistics |
    interval-information)*>

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<!ELEMENT physical-interface-cos-hw-max-queues (#PCDATA)>
```

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<!ELEMENT physical-interface-cos-information (physical-interface-cos-hw-max-queues
| physical-interface-cos-use-max-queues | physical-interface-schedulers |
physical-interface-red-buffer-occupancy)*>
```

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<!ELEMENT physical-interface-cos-use-max-queues (#PCDATA)>
```

```
<!ELEMENT physical-interface-name (#PCDATA)>
```

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<!ELEMENT physical-interface-red-buffer-occupancy (instant-usage-weight-exponent)*>
```

```
<!ELEMENT physical-interface-schedulers (#PCDATA)>
```

```
<!ELEMENT physical-link (#PCDATA)>
```

```
<!ELEMENT physical-mode (#PCDATA)>
```

```
<!ELEMENT plcp-defects (media-alarm)*>
```

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<!ELEMENT plcp-statistics (ferr-count | ferr-seconds | bipec-count | bipec-seconds
```

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| febe-count | febe-seconds)*>

<!ELEMENT pld-flash-init-fault-alarm (#PCDATA)>

<!ELEMENT plp-byte (#PCDATA)>

<!ELEMENT plp-byte-count (#PCDATA)>

<!ELEMENT plp-to-clp EMPTY>

<!ELEMENT policer-dropped-bytes (#PCDATA)>

<!ELEMENT policer-dropped-frames (#PCDATA)>

<!ELEMENT policer-dropped-iq2-frames (#PCDATA)>

<!ELEMENT policer-dropped-rate (#PCDATA)>

<!ELEMENT policer-family (#PCDATA)>

<!ELEMENT policer-high-bytes (#PCDATA)>

<!ELEMENT policer-high-frames (#PCDATA)>

<!ELEMENT policer-high-iq2-frames (#PCDATA)>

<!ELEMENT policer-high-rate (#PCDATA)>

<!ELEMENT policer-information (policer-family | policer-input | policer-output)*>

<!ELEMENT policer-input (#PCDATA)>

<!ELEMENT policer-low-bytes (#PCDATA)>

<!ELEMENT policer-low-frames (#PCDATA)>

<!ELEMENT policer-low-iq2-frames (#PCDATA)>

<!ELEMENT policer-low-rate (#PCDATA)>

<!ELEMENT policer-medium-high-bytes (#PCDATA)>

<!ELEMENT policer-medium-high-frames (#PCDATA)>

<!ELEMENT policer-medium-high-iq2-frames (#PCDATA)>

<!ELEMENT policer-medium-high-rate (#PCDATA)>

<!ELEMENT policer-medium-low-bytes (#PCDATA)>

<!ELEMENT policer-medium-low-frames (#PCDATA)>

<!ELEMENT policer-medium-low-iq2-frames (#PCDATA)>

<!ELEMENT policer-medium-low-rate (#PCDATA)>

<!ELEMENT policer-output (#PCDATA)>

<!ELEMENT policer-type (#PCDATA)>

<!ELEMENT pool-id (#PCDATA)>
```

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<!ELEMENT pop-all-label (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT port-mtu (#PCDATA)>

<!ELEMENT power (#PCDATA)>

<!ELEMENT power-supply-fault-alarm (#PCDATA)>

<!ELEMENT ppp-flags (iff-ppp-flags-acfc | iff-ppp-flags-pfc)*>

<!ELEMENT ppp-parameters (lcp-restart-timer | ncp-restart-timer |
termination-requests | loopback-clear-timer)*>

<!ELEMENT pppoe-credit-scale-factor (#PCDATA)>

<!ELEMENT pppoe-credits (#PCDATA)>

<!ELEMENT pppoe-information (pppoe-interface)*>

<!ELEMENT pppoe-interface (interface-name | interface-index |
underlying-interface-name | underlying-interface-index | state | ifl-type |
session-id | ac-name-config | ac-name-session | service-name | remote-mac |
auto-reconnect | idle-timeout | session-uptime | dynamic-profile | pppoe-credits
| pppoe-credit-scale-factor | dynamic-interface-bandwidth | agent-circuit-id |
agent-remote-id | padm-motm | padm-hurl | padg-credits)*>

<!ELEMENT pppoe-underlying-interface (underlying-interface-name |
underlying-interface-index | state | dynamic-profile | max-sessions |
active-sessions | ac-name | service-name-table | duplicate-protection)*>

<!ELEMENT preserve-interface (#PCDATA)>

<!ELEMENT preserve-interface-statistics (if-switchover-total |
if-switchover-last-attempt | if-switchover-last-time |
if-switchover-min-max-avg-time)*>

<!ELEMENT primary-interface (#PCDATA)>

<!ELEMENT processing-errors (#PCDATA)>

<!ELEMENT queue (queue-number | forwarding-class-name |
queue-counters-queued-packets | queue-counters-queued-packets-na |
queue-counters-queued-bytes-na | queue-counters-queued-bytes |
queue-counters-queued-packets-rate | queue-counters-queued-bytes-rate |
queue-counters-trans-packets | queue-counters-trans-bytes |
queue-counters-trans-packets-rate | queue-counters-trans-bytes-rate |
queue-counters-tail-drop-packets | queue-counters-tail-drop-packets-rate |
queue-counters-tail-drop-packets-na | queue-counters-tail-drop-bytes |
queue-counters-tail-drop-bytes-rate | queue-counters-rate-limit-drop-packets |
queue-counters-rate-limit-drop-packets-rate |
queue-counters-rate-limit-drop-packets-na | queue-counters-rate-limit-drop-bytes
| queue-counters-rate-limit-drop-bytes-rate |
queue-counters-rate-limit-drop-bytes-na | queue-counters-red-packets-na |
queue-counters-red-packets | queue-counters-red-bytes-na | queue-counters-red-bytes
| queue-counters-red-packets-rate | queue-counters-red-bytes-rate |
queue-counters-red-packets-1n | queue-counters-red-bytes-1n |
queue-counters-red-packets-rate-1n | queue-counters-red-bytes-rate-1n |
queue-counters-red-packets-1t | queue-counters-red-bytes-1t |
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queue-counters-red-packets-rate-lt | queue-counters-red-bytes-rate-lt |
queue-counters-red-packets-ht | queue-counters-red-bytes-ht |
queue-counters-red-packets-rate-ht | queue-counters-red-bytes-rate-ht |
queue-counters-red-packets-hn | queue-counters-red-bytes-hn |
queue-counters-red-packets-rate-hn | queue-counters-red-bytes-rate-hn |
queue-counters-red-packets-low | queue-counters-red-bytes-low |
queue-counters-red-packets-rate-low | queue-counters-red-bytes-rate-low |
queue-counters-red-packets-medium-low | queue-counters-red-bytes-medium-low |
queue-counters-red-packets-rate-medium-low |
queue-counters-red-bytes-rate-medium-low | queue-counters-red-packets-medium-high
| queue-counters-red-bytes-medium-high |
queue-counters-red-packets-rate-medium-high |
queue-counters-red-bytes-rate-medium-high | queue-counters-red-packets-medium |
queue-counters-red-bytes-medium | queue-counters-red-packets-rate-medium |
queue-counters-red-bytes-rate-medium | queue-counters-red-packets-high |
queue-counters-red-bytes-high | queue-counters-red-packets-rate-high |
queue-counters-red-bytes-rate-high | queue-counters-total-drop-packets |
queue-counters-total-drop-packets-rate | queue-counters-total-drop-bytes |
queue-counters-total-drop-bytes-rate)*>

<!ELEMENT queue-counters (queue-counters-error-message | queue |
interface-cos-short-summary | interface-cos-summary)*>
<!ATTLIST queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT queue-counters-error-message (#PCDATA)>

<!ELEMENT queue-counters-queued-bytes (#PCDATA)>

<!ELEMENT queue-counters-queued-bytes-na (#PCDATA)>

<!ELEMENT queue-counters-queued-bytes-rate (#PCDATA)>

<!ELEMENT queue-counters-queued-packets (#PCDATA)>

<!ELEMENT queue-counters-queued-packets-na (#PCDATA)>

<!ELEMENT queue-counters-queued-packets-rate (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-bytes (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-bytes-na (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-bytes-rate (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-packets (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-packets-na (#PCDATA)>

<!ELEMENT queue-counters-rate-limit-drop-packets-rate (#PCDATA)>

<!ELEMENT queue-counters-red-bytes (#PCDATA)>

<!ELEMENT queue-counters-red-bytes-high (#PCDATA)>

<!ELEMENT queue-counters-red-bytes-hn (#PCDATA)>

<!ELEMENT queue-counters-red-bytes-ht (#PCDATA)>

<!ELEMENT queue-counters-red-bytes-ln (#PCDATA)>

<!ELEMENT queue-counters-red-bytes-low (#PCDATA)>

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<!ELEMENT queue-counters-red-bytes-lt (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-na (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-hn (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-ht (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-ln (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-low (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-lt (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-medium (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets (#PCDATA)>
<!ELEMENT queue-counters-red-packets-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-hn (#PCDATA)>
<!ELEMENT queue-counters-red-packets-ht (#PCDATA)>
<!ELEMENT queue-counters-red-packets-ln (#PCDATA)>
<!ELEMENT queue-counters-red-packets-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-lt (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-na (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-hn (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-ht (#PCDATA)>
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<!ELEMENT queue-counters-red-packets-rate-1n (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-1t (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium-low (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-bytes (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets-na (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-total-drop-bytes (#PCDATA)>
<!ELEMENT queue-counters-total-drop-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-total-drop-packets (#PCDATA)>
<!ELEMENT queue-counters-total-drop-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-trans-bytes (#PCDATA)>
<!ELEMENT queue-counters-trans-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-trans-packets (#PCDATA)>
<!ELEMENT queue-counters-trans-packets-rate (#PCDATA)>
<!ELEMENT queue-depth (#PCDATA)>
<!ELEMENT queue-limit (#PCDATA)>
<!ELEMENT queue-num-forwarding-class-name-map (queue-number |
forwarding-class-name)*>
<!ELEMENT queue-number (#PCDATA)>
<!ELEMENT queuing-drops (#PCDATA)>
<!ELEMENT range (#PCDATA)>
<!ELEMENT ranging (#PCDATA)>
<!ELEMENT rcv-lip-addlink (#PCDATA)>
<!ELEMENT rcv-lip-hello (#PCDATA)>
<!ELEMENT rcv-lip-hello-ack (#PCDATA)>
<!ELEMENT rcv-lip-link-ack (#PCDATA)>
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<!ELEMENT rcv-lip-link-rej (#PCDATA)>
<!ELEMENT rcv-lip-link-rem (#PCDATA)>
<!ELEMENT rcv-lip-rem-ack (#PCDATA)>
<!ELEMENT receive-bytes (#PCDATA)>
<!ELEMENT receive-frames (#PCDATA)>
<!ELEMENT received-count (#PCDATA)>
<!ELEMENT recent-high-differential-delay (#PCDATA)>
<!ELEMENT red-differential-delay (#PCDATA)>
<!ELEMENT red-differential-delay-action (#PCDATA)>
<!ELEMENT redial-delay (#PCDATA)>
<!ELEMENT redundant-logical-interface-name (#PCDATA)>
<!ELEMENT remote-mac (#PCDATA)>
<!ELEMENT remote-mrru (#PCDATA)>
<!ELEMENT removed-bundle-links (#PCDATA)>
<!ELEMENT request-opportunity-burst (#PCDATA)>
<!ELEMENT resync-counter (#PCDATA)>
<!ELEMENT resync-history (resync-counter | resync-timestamp)*>
<!ELEMENT resync-timestamp (#PCDATA)>
<!--ATTLIST resync-timestamp junos:seconds CDATA #IMPLIED-->
<!ELEMENT route-rpf-bytes (#PCDATA)>
<!ELEMENT route-rpf-packets (#PCDATA)>
<!ELEMENT route-rpf-statistics (route-rpf-packets | route-rpf-bytes)*>
<!ELEMENT route-table (#PCDATA)>
<!ELEMENT rts (#PCDATA)>
<!ELEMENT rts-polarity (#PCDATA)>
<!ELEMENT rx-cdr-loss-of-lock-alarm (#PCDATA)>
<!ELEMENT rx-cell-count (#PCDATA)>
<!ELEMENT rx-cell-fifo-overruns (#PCDATA)>
<!ELEMENT rx-cell-fifo-underruns (#PCDATA)>
<!ELEMENT rx-class-2-frames (#PCDATA)>
<!ELEMENT rx-class-2-octets (#PCDATA)>
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<!ELEMENT rx-class-3-frames (#PCDATA)>
<!ELEMENT rx-class-3-octets (#PCDATA)>
<!ELEMENT rx-class-f-frames (#PCDATA)>
<!ELEMENT rx-class-f-octets (#PCDATA)>
<!ELEMENT rx-clock (#PCDATA)>
<!ELEMENT rx-delimiter-errors (#PCDATA)>
<!ELEMENT rx-encoding-disparity-errors (#PCDATA)>
<!ELEMENT rx-fe (#PCDATA)>
<!ELEMENT rx-frames-too-long (#PCDATA)>
<!ELEMENT rx-frames-too-short (#PCDATA)>
<!ELEMENT rx-input-buffers-full (#PCDATA)>
<!ELEMENT rx-invalid-crcs (#PCDATA)>
<!ELEMENT rx-invalid-ordered-sets (#PCDATA)>
<!ELEMENT rx-invalid-tx-words (#PCDATA)>
<!ELEMENT rx-invalid-vcs (#PCDATA)>
<!ELEMENT rx-link-reset-responses (#PCDATA)>
<!ELEMENT rx-link-resets (#PCDATA)>
<!ELEMENT rx-loss-ac-power-alarm (#PCDATA)>
<!ELEMENT rx-loss-avg-opt-power-alarm (#PCDATA)>
<!ELEMENT rx-loss-of-pll-alarm (#PCDATA)>
<!ELEMENT rx-loss-of-signal-alarm (#PCDATA)>
<!ELEMENT rx-missing-eof (#PCDATA)>
<!ELEMENT rx-nhid (#PCDATA)>
<!ELEMENT rx-not-operationals (#PCDATA)>
<!ELEMENT rx-not-ready-alarm (#PCDATA)>
<!ELEMENT rx-offlines (#PCDATA)>
<!ELEMENT rx-other-errors (#PCDATA)>
<!ELEMENT rx-prim-seq-protocol-errors (#PCDATA)>
<!ELEMENT rx-sequence-number (#PCDATA)>
<!ELEMENT rx-signal-avg-optical-power (#PCDATA)>
<!ELEMENT rx-signal-avg-optical-power-dbm (#PCDATA)>
```

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<!ELEMENT satop-information (ce-payload-size | ce-idle-pattern | ce-octet-aligned  
| ce-jitter-buffer-packets | ce-jitter-buffer-latency |  
ce-jitter-buffer-auto-adjust | ce-excessive-packet-loss-rate-sample-period |  
ce-excessive-packet-loss-rate-threshold)*>
```

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<!ELEMENT scheduling-priority (#PCDATA)>
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<!ELEMENT scu-class-bps (#PCDATA)>
```

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<!ELEMENT scu-class-bytes (#PCDATA)>
```

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<!ELEMENT scu-class-name (#PCDATA)>
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<!ELEMENT scu-class-packets (#PCDATA)>
```

```
<!ELEMENT scu-class-pps (#PCDATA)>
```

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<!ELEMENT sdh-alarm-berr-sd EMPTY>
```

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<!ELEMENT sdh-alarm-berr-sf EMPTY>
```

```
<!ELEMENT sdh-alarm-hpais EMPTY>
```

```
<!ELEMENT sdh-alarm-hpfebe EMPTY>
```

```
<!ELEMENT sdh-alarm-hpferf EMPTY>
```

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<!ELEMENT sdh-alarm-hpplm EMPTY>
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<!ELEMENT sdh-alarm-hpuneq EMPTY>
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<!ELEMENT sdh-alarm-loc EMPTY>
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<!ELEMENT sdh-alarm-lof EMPTY>
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<!ELEMENT sdh-alarm-lol EMPTY>
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<!ELEMENT sdh-alarm-lop EMPTY>
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<!ELEMENT sdh-alarm-los EMPTY>
```

```
<!ELEMENT sdh-alarm-msais EMPTY>
```

```
<!ELEMENT sdh-alarm-msferf EMPTY>
```

```
<!ELEMENT sdh-alarm-oof EMPTY>
```

```
<!ELEMENT sdh-alarm-pll EMPTY>
```

```
<!ELEMENT sdh-alarm-tuais EMPTY>
```

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<!ELEMENT sdh-alarm-tuloc EMPTY>
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<!ELEMENT sdh-alarm-tulop EMPTY>
```

```
<!ELEMENT sdh-alarm-tumis EMPTY>
```

```
<!ELEMENT sdh-alarm-turdi EMPTY>
```

```
<!ELEMENT sdh-alarm-tuuneq EMPTY>
```

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<!ELEMENT sequence-number-format (#PCDATA)>

<!ELEMENT sequence-number-missing (#PCDATA)>

<!ELEMENT serial-encoding (serial-encoding-conf)*>

<!ELEMENT serial-encoding-conf (#PCDATA)>

<!ELEMENT serial-information (line-protocol | resync-history | clocking-mode |
clocking-rate | serial-encoding | dtr-circuit | eia530-signal-polarity |
x21-signal-polarity | serial-loopback | tx-clock | data-signal |
eia530-control-signal | x21-control-signal | dce-loopback-override)*>
<!ATTLIST serial-information heading CDATA #IMPLIED>

<!ELEMENT serial-loopback (serial-loopback-mode)*>

<!ELEMENT serial-loopback-mode (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT service-name-table (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-uptime (#PCDATA)>

<!ELEMENT shared-interface-information (shared-interface-logical-interface)*>

<!ELEMENT shared-interface-logical-interface (peer-interface-name |
interface-shared-with | rx-fe | rx-nhid | tx-fe | tx-nhid)*>

<!ELEMENT shared-interface-physical-interface (ownership)*>

<!ELEMENT shdsl-alarm-line1-losd EMPTY>

<!ELEMENT shdsl-alarm-line1-losw EMPTY>

<!ELEMENT shdsl-alarm-line2-losd EMPTY>

<!ELEMENT shdsl-alarm-line2-losw EMPTY>

<!ELEMENT shdsl-alarm-losd EMPTY>

<!ELEMENT shdsl-alarm-losw EMPTY>

<!ELEMENT shdsl-annex (#PCDATA)>

<!ELEMENT shdsl-bit-rate (#PCDATA)>

<!ELEMENT shdsl-cell-drop (#PCDATA)>

<!ELEMENT shdsl-chipset-version (#PCDATA)>

<!ELEMENT shdsl-crc (#PCDATA)>

<!ELEMENT shdsl-dying-gasp (#PCDATA)>

<!ELEMENT shdsl-firmware-version (#PCDATA)>

<!ELEMENT shdsl-framer-mode (#PCDATA)>

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<!ELEMENT shdsl-framer-sync-status (#PCDATA)>

<!ELEMENT shdsl-hec (#PCDATA)>

<!ELEMENT shdsl-information (shdsl-line-termination | shdsl-annex | shdsl-line-mode
| shdsl-modem-status | shdsl-bit-rate | shdsl-last-fail-reason |
shdsl-last-fail-code | shdsl-framer-mode | shdsl-dying-gasp |
shdsl-framer-sync-status | shdsl-chipset-version | shdsl-firmware-version |
shdsl-statistics)*>

<!ELEMENT shdsl-last-fail-code (#PCDATA)>

<!ELEMENT shdsl-last-fail-reason (#PCDATA)>

<!ELEMENT shdsl-line-mode (#PCDATA)>

<!ELEMENT shdsl-line-termination (#PCDATA)>

<!ELEMENT shdsl-loop-attenuation (#PCDATA)>

<!ELEMENT shdsl-losw (#PCDATA)>

<!ELEMENT shdsl-modem-status (#PCDATA)>

<!ELEMENT shdsl-receiver-gain (#PCDATA)>

<!ELEMENT shdsl-rx-cells (#PCDATA)>

<!ELEMENT shdsl-sega (#PCDATA)>

<!ELEMENT shdsl-snr-sampling (#PCDATA)>

<!ELEMENT shdsl-statistics (shdsl-loop-attenuation | shdsl-transmit-power |
shdsl-receiver-gain | shdsl-snr-sampling | shdsl-rx-cells | shdsl-tx-cells |
shdsl-crc | shdsl-sega | shdsl-losw | shdsl-hec | shdsl-cell-drop)*>

<!ELEMENT shdsl-transmit-power (#PCDATA)>

<!ELEMENT shdsl-tx-cells (#PCDATA)>

<!ELEMENT signal-to-noise-ratio (#PCDATA)>

<!ELEMENT snmp-index (#PCDATA)>

<!ELEMENT soa-bias-current (#PCDATA)>

<!ELEMENT soa-bias-current-high-alarm (#PCDATA)>

<!ELEMENT soa-bias-current-high-alarm-threshold (#PCDATA)>

<!ELEMENT soa-bias-current-high-warn (#PCDATA)>

<!ELEMENT soa-bias-current-high-warn-threshold (#PCDATA)>

<!ELEMENT soa-bias-current-low-alarm (#PCDATA)>

<!ELEMENT soa-bias-current-low-alarm-threshold (#PCDATA)>

<!ELEMENT soa-bias-current-low-warn (#PCDATA)>
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<!ELEMENT soa-bias-current-low-warn-threshold (#PCDATA)>
<!ELEMENT soa-bias-current-not-available (#PCDATA)>
<!ELEMENT sonet-alarm-berr-sd EMPTY>
<!ELEMENT sonet-alarm-berr-sf EMPTY>
<!ELEMENT sonet-alarm-lais EMPTY>
<!ELEMENT sonet-alarm-loc EMPTY>
<!ELEMENT sonet-alarm-lof EMPTY>
<!ELEMENT sonet-alarm-lol EMPTY>
<!ELEMENT sonet-alarm-lop EMPTY>
<!ELEMENT sonet-alarm-los EMPTY>
<!ELEMENT sonet-alarm-lrldi EMPTY>
<!ELEMENT sonet-alarm-pais EMPTY>
<!ELEMENT sonet-alarm-pll EMPTY>
<!ELEMENT sonet-alarm-pmis EMPTY>
<!ELEMENT sonet-alarm-prdi EMPTY>
<!ELEMENT sonet-alarm-rei EMPTY>
<!ELEMENT sonet-alarm-sef EMPTY>
<!ELEMENT sonet-alarm-uneq EMPTY>
<!ELEMENT sonet-alarm-vais EMPTY>
<!ELEMENT sonet-alarm-vloc EMPTY>
<!ELEMENT sonet-alarm-vlop EMPTY>
<!ELEMENT sonet-alarm-vmis EMPTY>
<!ELEMENT sonet-alarm-vrldi EMPTY>
<!ELEMENT sonet-alarm-vuneq EMPTY>
<!ELEMENT sonet-errors (media-alarm)*>
<!ATTLIST sonet-errors junos:style CDATA #IMPLIED>
<!ELEMENT sonet-line-information (media-alarm)*>
<!ATTLIST sonet-line-information junos:style CDATA #IMPLIED>
<!ELEMENT sonet-loopback (#PCDATA)>
<!ELEMENT sonet-mode (#PCDATA)>
<!ELEMENT sonet-path-information (media-alarm)*>
<!ATTLIST sonet-path-information junos:style CDATA #IMPLIED>
```

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<!ELEMENT sonet-payload-pointer-curptr (#PCDATA)>

<!ELEMENT sonet-payload-pointer-information (sonet-payload-pointer-curptr |
sonet-payload-pointer-ptrinc-count | sonet-payload-pointer-ptrdec-count |
sonet-payload-pointer-newptr-ndf-count)*>

<!ELEMENT sonet-payload-pointer-newptr-ndf-count (#PCDATA)>

<!ELEMENT sonet-payload-pointer-ptrdec-count (#PCDATA)>

<!ELEMENT sonet-payload-pointer-ptrinc-count (#PCDATA)>

<!ELEMENT sonet-physical-information (media-alarm)*>
<!ATTLIST sonet-physical-information junos:style CDATA #IMPLIED>

<!ELEMENT sonet-rx-overhead (#PCDATA)>

<!ELEMENT sonet-rx-path-trace (#PCDATA)>

<!ELEMENT sonet-section-information (media-alarm)*>
<!ATTLIST sonet-section-information junos:style CDATA #IMPLIED>

<!ELEMENT sonet-tx-overhead (#PCDATA)>

<!ELEMENT sonet-tx-path-trace (#PCDATA)>

<!ELEMENT sonet-vt-information (media-alarm)*>
<!ATTLIST sonet-vt-information junos:style CDATA #IMPLIED>

<!ELEMENT source-class (scu-class-name | scu-class-packets | scu-class-bytes |
scu-class-pps | scu-class-bps)*>

<!ELEMENT source-class-statistics (source-class)*>

<!ELEMENT source-filtering (#PCDATA)>

<!ELEMENT speed (#PCDATA)>

<!ELEMENT sram-errors (#PCDATA)>

<!ELEMENT src-chassis-name (#PCDATA)>

<!ELEMENT src-fpc (#PCDATA)>

<!ELEMENT src-information (src-chassis-name | src-fpc | src-pfe-id)*>

<!ELEMENT src-pfe-id (#PCDATA)>

<!ELEMENT standard-long-grant (#PCDATA)>

<!ELEMENT standard-short-grant (#PCDATA)>

<!ELEMENT start-end-flag (#PCDATA)>

<!ELEMENT start-vci (#PCDATA)>

<!ELEMENT state (#PCDATA)>

<!ELEMENT statistics-cleared (#PCDATA)>

<!ELEMENT stp-input-bytes-dropped (#PCDATA)>
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<!ELEMENT stp-input-packets-dropped (#PCDATA)>

<!ELEMENT stp-output-bytes-dropped (#PCDATA)>

<!ELEMENT stp-output-packets-dropped (#PCDATA)>

<!ELEMENT stp-traffic-statistics (stp-input-bytes-dropped |
stp-output-bytes-dropped | stp-input-packets-dropped |
stp-output-packets-dropped)*>
<!ATTLIST stp-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT stream-mask (#PCDATA)>

<!ELEMENT stream-number (#PCDATA)>

<!ELEMENT sub-interface-list (sub-interface-name)*>
<!ATTLIST sub-interface-list junos:style CDATA #IMPLIED>

<!ELEMENT sub-interface-name (#PCDATA)>

<!ELEMENT sustained (#PCDATA)>

<!ELEMENT svlan-ethertype (#PCDATA)>

<!ELEMENT sw-link-resets (#PCDATA)>

<!ELEMENT t391 (#PCDATA)>

<!ELEMENT t392 (#PCDATA)>

<!ELEMENT tagged-cells (#PCDATA)>

<!ELEMENT tec-fault-alarm (#PCDATA)>

<!ELEMENT termination-requests (#PCDATA)>

<!ELEMENT timeouts (#PCDATA)>

<!ELEMENT tm (#PCDATA)>

<!ELEMENT tm-polarity (#PCDATA)>

<!ELEMENT to-dce (dtr | rts | cts | dcd | dsr)*>

<!ELEMENT to-dte (dtr | rts | cts | dcd | dsr)*>

<!ELEMENT total-anti-replay-count (#PCDATA)>

<!ELEMENT total-authentication-failure-count (#PCDATA)>

<!ELEMENT traffic-statistics (input-bytes | output-bytes | input-bps | output-bps
| input-packets | output-packets | input-pps | output-pps |
ipv6-transit-statistics | ipv6-total-statistics)*>
<!ATTLIST traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT transit-traffic-statistics (input-bytes | output-bytes | input-bps |
output-bps | input-packets | output-packets | input-pps | output-pps |
ipv6-transit-statistics | ipv6-total-statistics)*>

<!ELEMENT transmit-bytes (#PCDATA)>

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<!ELEMENT transmit-frames (#PCDATA)>
<!ELEMENT transmit-weight-cells (#PCDATA)>
<!ELEMENT transmit-weight-percent (#PCDATA)>
<!ELEMENT transmitted-count (#PCDATA)>
<!ELEMENT trunk (#PCDATA)>
<!ELEMENT trunk-bandwidth (#PCDATA)>
<!ELEMENT tuner-frequency (#PCDATA)>
<!ELEMENT tx-bb-credit-zeroes (#PCDATA)>
<!ELEMENT tx-cdr-loss-of-lock-alarm (#PCDATA)>
<!ELEMENT tx-cell-count (#PCDATA)>
<!ELEMENT tx-cell-fifo-overruns (#PCDATA)>
<!ELEMENT tx-class-2-frames (#PCDATA)>
<!ELEMENT tx-class-2-octets (#PCDATA)>
<!ELEMENT tx-class-3-frames (#PCDATA)>
<!ELEMENT tx-class-3-octets (#PCDATA)>
<!ELEMENT tx-class-f-frames (#PCDATA)>
<!ELEMENT tx-class-f-octets (#PCDATA)>
<!ELEMENT tx-clock (tx-clock-mode)*>
<!ELEMENT tx-clock-mode (#PCDATA)>
<!ELEMENT tx-data-not-ready-alarm (#PCDATA)>
<!ELEMENT tx-fe (#PCDATA)>
<!ELEMENT tx-idle-cell-count (#PCDATA)>
<!ELEMENT tx-laser-disabled-alarm (#PCDATA)>
<!ELEMENT tx-laser-fault-alarm (#PCDATA)>
<!ELEMENT tx-link-reset-responses (#PCDATA)>
<!ELEMENT tx-link-resets (#PCDATA)>
<!ELEMENT tx-loss-of-pll-alarm (#PCDATA)>
<!ELEMENT tx-loss-of-signal-functionality-alarm (#PCDATA)>
<!ELEMENT tx-mux-fifo-error-alarm (#PCDATA)>
<!ELEMENT tx-nhid (#PCDATA)>
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<!ELEMENT tx-not-operational (<#PCDATA>)>
<!ELEMENT tx-not-ready-alarm (<#PCDATA>)>
<!ELEMENT tx-offlines (<#PCDATA>)>
<!ELEMENT tx-other-errors (<#PCDATA>)>
<!ELEMENT tx-sequence-number (<#PCDATA>)>
<!ELEMENT type (<#PCDATA>)>
<!ELEMENT type-otn (<#PCDATA>)>
<!ELEMENT uncorrectable-hcs-errors (<#PCDATA>)>
<!ELEMENT underlying-interface-index (<#PCDATA>)>
<!ELEMENT underlying-interface-name (<#PCDATA>)>
<!ELEMENT unknown-rx-packets (<#PCDATA>)>
<!ELEMENT unnumbered-family-donor-interface-index (<#PCDATA>)>
<!ELEMENT unnumbered-family-donor-interface-name (<#PCDATA>)>
<!ELEMENT unnumbered-family-preferred-source-address (<#PCDATA>)>
<!ELEMENT up-count (<#PCDATA>)>
<!ELEMENT up-hold-time (<#PCDATA>)>
<!ELEMENT upstream-buffers-free (<#PCDATA>)>
<!ELEMENT upstream-buffers-used (<#PCDATA>)>
<!ELEMENT vc-cos-mode (<#PCDATA>)>
<!ELEMENT vc-queue-drops (<#PCDATA>)>
<!ELEMENT vci (<#PCDATA>)>
<!ELEMENT vci-range (vpi | start-vci | end-vci)*>
<!ELEMENT vdsl-annex-type (<#PCDATA>)>
<!ELEMENT vdsl-chipset-information (vtu-r-vendor-id | vtu-c-vendor-id |
vtu-r-vendor-specific | vtu-c-vendor-specific | vtu-r-country-code |
vtu-c-country-code)*>
<!ELEMENT vdsl-far-end-attainable-bitrate (<#PCDATA>)>
<!ELEMENT vdsl-far-end-attenuation (<#PCDATA>)>
<!ELEMENT vdsl-far-end-capacity-used (<#PCDATA>)>
<!ELEMENT vdsl-far-end-fast-bitrate (<#PCDATA>)>
<!ELEMENT vdsl-far-end-fast-crc (<#PCDATA>)>
<!ELEMENT vdsl-far-end-fast-fec (<#PCDATA>)>
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<!ELEMENT vdsl-far-end-fast-hec (#PCDATA)>

<!ELEMENT vdsl-far-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT vdsl-far-end-interleaved-crc (#PCDATA)>

<!ELEMENT vdsl-far-end-interleaved-fec (#PCDATA)>

<!ELEMENT vdsl-far-end-interleaved-hec (#PCDATA)>

<!ELEMENT vdsl-far-end-noise-margin (#PCDATA)>

<!ELEMENT vdsl-far-end-output-power (#PCDATA)>

<!ELEMENT vdsl-information (vdsl-line-status | vdsl-line-profile-type |
vdsl-line-type | vdsl-annex-type | vdsl-last-fail-code | vdsl-subfunction |
vdsl-seconds-in-showtime | vdsl-chipset-information | vdsl-statistics)*>

<!ELEMENT vdsl-last-fail-code (#PCDATA)>

<!ELEMENT vdsl-line-profile-type (#PCDATA)>

<!ELEMENT vdsl-line-status (#PCDATA)>

<!ELEMENT vdsl-line-type (#PCDATA)>

<!ELEMENT vdsl-near-end-attainable-bitrate (#PCDATA)>

<!ELEMENT vdsl-near-end-attenuation (#PCDATA)>

<!ELEMENT vdsl-near-end-capacity-used (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-bitrate (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-crc (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-fec (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-hec (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-rx-cells (#PCDATA)>

<!ELEMENT vdsl-near-end-fast-tx-cells (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-crc (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-fec (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-hec (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-rx-cells (#PCDATA)>

<!ELEMENT vdsl-near-end-interleaved-tx-cells (#PCDATA)>

<!ELEMENT vdsl-near-end-noise-margin (#PCDATA)>

<!ELEMENT vdsl-near-end-output-power (#PCDATA)>
```

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<!ELEMENT vdsl-seconds-in-showtime (#PCDATA)>

<!ELEMENT vdsl-statistics (vdsl-near-end-attainable-bitrate |
vdsl-far-end-attainable-bitrate | vdsl-near-end-attenuation |
vdsl-far-end-attenuation | vdsl-near-end-capacity-used | vdsl-far-end-capacity-used
| vdsl-near-end-noise-margin | vdsl-far-end-noise-margin |
vdsl-near-end-output-power | vdsl-far-end-output-power |
vdsl-near-end-interleaved-bitrate | vdsl-near-end-fast-bitrate |
vdsl-far-end-interleaved-bitrate | vdsl-far-end-fast-bitrate |
vdsl-near-end-interleaved-crc | vdsl-near-end-fast-crc |
vdsl-far-end-interleaved-crc | vdsl-far-end-fast-crc |
vdsl-near-end-interleaved-hec | vdsl-near-end-fast-hec |
vdsl-far-end-interleaved-hec | vdsl-far-end-fast-hec |
vdsl-near-end-interleaved-fec | vdsl-near-end-fast-fec |
vdsl-far-end-interleaved-fec | vdsl-far-end-fast-fec |
vdsl-near-end-interleaved-rx-cells | vdsl-near-end-fast-rx-cells |
vdsl-near-end-interleaved-tx-cells | vdsl-near-end-fast-tx-cells)*>

<!ELEMENT vdsl-subfunction (#PCDATA)>

<!ELEMENT virtual-circuit-information (dlci-statistics | vpi | vci | vci-range |
trunk | trunk-bandwidth | dlci | ifvc-flags | ifvc-multipoint-destination |
atm-tm-cbr | atm-tm-vbr | atm-tm-rtvbr | peak | sustained | burst | cdvt |
queue-limit | down-time | last-down-time | ifvc-epd | ifvc-epd-plp0 | ifvc-epd-plp1
| ifvc-weight | oam-parameters | oam-statistics | traffic-statistics |
atm-policer-statistics | atm-statistics | atm-cos-information |
in-arp-statistics)*>

<!ELEMENT virtual-path-information (vpi | ifvp-flags | atm-tm-cbr | atm-tm-vbr |
atm-tm-rtvbr | peak | sustained | burst | cdvt | queue-limit | down-time |
last-down-time | oam-parameters | oam-statistics | traffic-statistics)*>

<!ELEMENT vlan-id (#PCDATA)>

<!ELEMENT vpi (#PCDATA)>

<!ELEMENT vrfname (#PCDATA)>

<!ELEMENT vtu-c-country-code (#PCDATA)>

<!ELEMENT vtu-c-vendor-id (#PCDATA)>

<!ELEMENT vtu-c-vendor-specific (#PCDATA)>

<!ELEMENT vtu-r-country-code (#PCDATA)>

<!ELEMENT vtu-r-vendor-id (#PCDATA)>

<!ELEMENT vtu-r-vendor-specific (#PCDATA)>

<!ELEMENT watch-list (watch-route)*>
<!ATTLIST watch-list junos:style CDATA #IMPLIED>

<!ELEMENT watch-route (#PCDATA)>

<!ELEMENT watchlist EMPTY>

<!ELEMENT wavelength (#PCDATA)>

<!ELEMENT wavelength-unlocked-alarm (#PCDATA)>

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<!ELEMENT wrp (#PCDATA)>
<!ELEMENT x21-control-signal (rts | cts)*>
<!ELEMENT x21-signal-polarity (rts-polarity | cts-polarity)*>
<!ELEMENT xmt-lip-addlink (#PCDATA)>
<!ELEMENT xmt-lip-hello (#PCDATA)>
<!ELEMENT xmt-lip-hello-ack (#PCDATA)>
<!ELEMENT xmt-lip-link-ack (#PCDATA)>
<!ELEMENT xmt-lip-link-rej (#PCDATA)>
<!ELEMENT xmt-lip-link-rem (#PCDATA)>
<!ELEMENT xmt-lip-rem-ack (#PCDATA)>
<!ELEMENT yellow-differential-delay (#PCDATA)>
```


CHAPTER 45

DTD for IPSec Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ipsec.dtd`, which lists the Junos XML tags that contain information about IPSec. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-ipsec.dtd -->

<!ELEMENT active-entries (#PCDATA)>

<!ELEMENT ah-authentication-failures (#PCDATA)>

<!ELEMENT ah-input-bytes (#PCDATA)>

<!ELEMENT ah-input-packets (#PCDATA)>

<!ELEMENT ah-output-bytes (#PCDATA)>

<!ELEMENT ah-output-packets (#PCDATA)>

<!ELEMENT ah-statistics (ah-input-bytes | ah-output-bytes | ah-input-packets |
ah-output-packets)*>

<!ELEMENT alternate-subject (#PCDATA)>

<!ELEMENT alternate-subject-list (alternate-subject)*>

<!ELEMENT authorization-status (#PCDATA)>

<!ELEMENT auto-re-enrollment (auto-re-enrollment-status |
auto-re-enrollment-next-trigger-time)*>

<!ELEMENT auto-re-enrollment-next-trigger-time (#PCDATA)>

<!ELEMENT auto-re-enrollment-status (#PCDATA)>

<!ELEMENT bad-headers (#PCDATA)>

<!ELEMENT bad-trailers (#PCDATA)>

<!ELEMENT ca-certificate-enroll (ca-subject | fingerprint)*>

<!ELEMENT ca-certificate-enroll-list (ca-certificate-enroll-msg |
```

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ca-certificate-enroll)*>
<!ELEMENT ca-certificate-enroll-msg (#PCDATA)>
<!ELEMENT ca-file (#PCDATA)>
<!ELEMENT ca-name (#PCDATA)>
<!ELEMENT ca-profile-name (#PCDATA)>
<!ELEMENT ca-subject (#PCDATA)>
<!ELEMENT cert-after (#PCDATA)>
<!ELEMENT cert-before (#PCDATA)>
<!ELEMENT cert-ca-load-status (cert-ca-profile)*>
<!ELEMENT cert-ca-manual-load (fingerprint)*>
<!ELEMENT cert-ca-profile (#PCDATA)>
<!ELEMENT cert-certificate-id (#PCDATA)>
<!ELEMENT cert-crl (#PCDATA)>
<!ELEMENT cert-flag-info (cert-flag-trust | cert-flag-root)*>
<!ELEMENT cert-flag-root (#PCDATA)>
<!ELEMENT cert-flag-trust (#PCDATA)>
<!ELEMENT cert-id (#PCDATA)>
<!ELEMENT cert-issuer (#PCDATA)>
<!ELEMENT cert-key-pair (cert-key-pair-name | cert-key-pair-size)*>
<!ELEMENT cert-key-pair-name (#PCDATA)>
<!ELEMENT cert-key-pair-size (#PCDATA)>
<!ELEMENT cert-load-status (cert-certificate-id)*>
<!ELEMENT cert-references (#PCDATA)>
<!ELEMENT cert-request-dump (cert-request-dump-msg | cert-request-dump-file |
fingerprint)*>
<!ELEMENT cert-request-dump-file (cert-request-dump-file-content)*>
<!ELEMENT cert-request-dump-file-content (#PCDATA)>
<!ELEMENT cert-request-dump-msg (#PCDATA)>
<!ELEMENT cert-root (#PCDATA)>
<!ELEMENT cert-serial (#PCDATA)>
<!ELEMENT cert-subject (#PCDATA)>
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<!ELEMENT cert-trust (#PCDATA)>

<!ELEMENT certificate-alternate-subject (#PCDATA)>

<!ELEMENT certificate-cache-entry (#PCDATA)>

<!ELEMENT certificate-dns (#PCDATA)>

<!ELEMENT certificate-information (certificates | total-entries | active-entries
| locked-entries | db-stats)*>
<!ATTLIST certificate-information junos:style CDATA #IMPLIED>

<!ELEMENT certificate-subject (#PCDATA)>

<!ELEMENT certificate-type (#PCDATA)>

<!ELEMENT certificates (cert-subject | cert-serial | cert-id | cert-references |
cert-issuer | cert-trust | cert-root | cert-crl | cert-before | cert-after |
x509)*>

<!ELEMENT common-name (#PCDATA)>

<!ELEMENT country-name (#PCDATA)>

<!ELEMENT crl (cert-issuer | cert-id | cert-references | crl-list)*>

<!ELEMENT crl-information (crl)*>
<!ATTLIST crl-information junos:style CDATA #IMPLIED>

<!ELEMENT crl-issuer (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject-list (crl-issuer-alternate-subject)*>

<!ELEMENT crl-issuer-detail (distinguished-name)*>

<!ELEMENT crl-list (serial | revocation-date)*>

<!ELEMENT crl-load-status (ca-profile-name)*>

<!ELEMENT crl-number (#PCDATA)>

<!ELEMENT crl-revocation-date (#PCDATA)>

<!ELEMENT crl-revocation-list (revoked-cert-serial-number | crl-revocation-date)*>

<!ELEMENT crl-validity (effective-date | next-update)*>

<!ELEMENT crl-version (#PCDATA)>

<!ELEMENT db-stats (#PCDATA)>

<!ELEMENT distinguished-name (organization-name | organizational-unit-name |
country-name | state-or-province-name | locality-name | common-name | email-address
| domain-component)*>

<!ELEMENT distribution-crl (#PCDATA)>

<!ELEMENT distribution-crl-list (distribution-crl)*>

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<!ELEMENT domain-component (#PCDATA)>

<!ELEMENT effective-date (#PCDATA)>

<!ELEMENT email-address (#PCDATA)>

<!ELEMENT encoding (#PCDATA)>

<!ELEMENT error-statistics (ah-authentication-failures | replay-errors |
esp-authentication-failures | esp-decryption-failures | replay-pkts |
replay-before-window-drops | bad-headers | bad-trailers | flow-errors |
no-sa-errors | ip-integrity-errors | exceeds-tunnel-mtu | rule-lookup-fail |
misc-errors)*>

<!ELEMENT esp-authentication-failures (#PCDATA)>

<!ELEMENT esp-decrypted-bytes (#PCDATA)>

<!ELEMENT esp-decrypted-packets (#PCDATA)>

<!ELEMENT esp-decryption-failures (#PCDATA)>

<!ELEMENT esp-encrypted-bytes (#PCDATA)>

<!ELEMENT esp-encrypted-packets (#PCDATA)>

<!ELEMENT esp-statistics (esp-encrypted-bytes | esp-decrypted-bytes |
esp-encrypted-packets | esp-decrypted-packets)*>

<!ELEMENT exceeds-tunnel-mtu (#PCDATA)>

<!ELEMENT fingerprint (fingerprint-hash-algorithm | fingerprint-content)*>

<!ELEMENT fingerprint-content (#PCDATA)>

<!ELEMENT fingerprint-hash-algorithm (#PCDATA)>

<!ELEMENT fips-pic-status (fpc-slot | pic-slot | serial-number |
authorization-status)*>

<!ELEMENT fips-pic-status-information (fips-pic-status)*>

<!ELEMENT flow-errors (#PCDATA)>

<!ELEMENT fpc-slot (#PCDATA)>

<!ELEMENT identifier (#PCDATA)>

<!ELEMENT ike-sa-algorithms (ike-sa-authentication-algorithm |
ike-sa-encryption-algorithm | ike-sa-prf-algorithm | ike-sa-dhgroup)*>

<!ELEMENT ike-sa-authentication-algorithm (#PCDATA)>

<!ELEMENT ike-sa-authentication-method (#PCDATA)>

<!ELEMENT ike-sa-dhgroup (#PCDATA)>

<!ELEMENT ike-sa-encryption-algorithm (#PCDATA)>

<!ELEMENT ike-sa-exchange-type (#PCDATA)>
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<!ELEMENT ike-sa-flags (#PCDATA)>

<!ELEMENT ike-sa-initiator-cookie (#PCDATA)>

<!ELEMENT ike-sa-input-bytes (#PCDATA)>

<!ELEMENT ike-sa-input-packets (#PCDATA)>

<!ELEMENT ike-sa-lifetime (#PCDATA)>

<!ELEMENT ike-sa-local-address (#PCDATA)>

<!ELEMENT ike-sa-local-id (#PCDATA)>

<!ELEMENT ike-sa-local-port (#PCDATA)>

<!ELEMENT ike-sa-misc (ike-sa-flags | ike-sa-num-ipsec-sas-created |
ike-sa-num-ipsec-sas-deleted | ike-sa-num-phase2-negotiations)*>

<!ELEMENT ike-sa-msg-id (#PCDATA)>

<!ELEMENT ike-sa-num-ipsec-sas-created (#PCDATA)>

<!ELEMENT ike-sa-num-ipsec-sas-deleted (#PCDATA)>

<!ELEMENT ike-sa-num-phase2-negotiations (#PCDATA)>

<!ELEMENT ike-sa-output-bytes (#PCDATA)>

<!ELEMENT ike-sa-output-packets (#PCDATA)>

<!ELEMENT ike-sa-phase2-information (ike-sa-phase2-type | ike-sa-role |
ike-sa-msg-id | ike-sa-local-address | ike-sa-local-port | ike-sa-remote-address
| ike-sa-remote-port | ike-sa-local-id | ike-sa-remote-id | ike-sa-flags)*>

<!ELEMENT ike-sa-phase2-type (#PCDATA)>

<!ELEMENT ike-sa-prf-algorithm (#PCDATA)>

<!ELEMENT ike-sa-remote-address (#PCDATA)>

<!ELEMENT ike-sa-remote-id (#PCDATA)>

<!ELEMENT ike-sa-remote-port (#PCDATA)>

<!ELEMENT ike-sa-responder-cookie (#PCDATA)>

<!ELEMENT ike-sa-role (#PCDATA)>

<!ELEMENT ike-sa-state (#PCDATA)>

<!ELEMENT ike-sa-traffic-statistics (ike-sa-input-packets | ike-sa-output-packets
| ike-sa-input-bytes | ike-sa-output-bytes)*>

<!ELEMENT ike-security-associations (ike-sa-role | ike-sa-state |
ike-sa-initiator-cookie | ike-sa-responder-cookie | ike-sa-exchange-type |
ike-sa-authentication-method | ike-sa-local-address | ike-sa-local-port |
ike-sa-remote-address | ike-sa-remote-port | ike-sa-lifetime | ike-sa-algorithms
| ike-sa-traffic-statistics | ike-sa-misc | ike-sa-phase2-information)*>

<!ELEMENT ike-security-associations-block (ike-sa-remote-address |
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ike-security-associations)*>

<!ELEMENT ike-security-associations-information (ike-security-associations |
ike-sa-phase2-information | ike-security-associations-block)*>
<!ATTLIST ike-security-associations-information junos:style CDATA #IMPLIED>

<!ELEMENT ip-integrity-errors (#PCDATA)>

<!ELEMENT ipsec-pic-redundancy (ipsec-redundancy-counter |
ipsec-redundancy-pic-no-information | ipsec-pic-redundancy-primary-interface |
ipsec-pic-redundancy-backup-interface | ipsec-redundancy-primary-state |
ipsec-redundancy-backup-state)*>

<!ELEMENT ipsec-pic-redundancy-backup-interface (#PCDATA)>

<!ELEMENT ipsec-pic-redundancy-information (ipsec-pic-redundancy)*>

<!ELEMENT ipsec-pic-redundancy-primary-interface (#PCDATA)>

<!ELEMENT ipsec-redundancy-backup-state (#PCDATA)>

<!ELEMENT ipsec-redundancy-counter (#PCDATA)>

<!ELEMENT ipsec-redundancy-pic-no-information EMPTY>

<!ELEMENT ipsec-redundancy-primary-state (#PCDATA)>

<!ELEMENT ipsec-redundancy-tunnel-no-information EMPTY>

<!ELEMENT ipsec-service-set-statistics (pic-name | service-set-name |
ipsec-statistics)*>

<!ELEMENT ipsec-statistics (local-gateway | remote-gateway | tunnel-index |
esp-statistics | ah-statistics | error-statistics | statistics-no-information)*>

<!ELEMENT ipsec-total-statistics (ipsec-service-set-statistics)*>

<!ELEMENT ipsec-total-statistics-information (ipsec-service-set-statistics)*>
<!ATTLIST ipsec-total-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT ipsec-tunnel-redundancy (sa-name | ipsec-redundancy-counter |
ipsec-redundancy-tunnel-no-information | ipsec-tunnel-redundancy-local-address |
ipsec-tunnel-redundancy-primary-remote-address |
ipsec-tunnel-redundancy-backup-remote-address | ipsec-redundancy-primary-state |
ipsec-redundancy-backup-state)*>

<!ELEMENT ipsec-tunnel-redundancy-backup-remote-address (#PCDATA)>

<!ELEMENT ipsec-tunnel-redundancy-information (ipsec-tunnel-redundancy)*>

<!ELEMENT ipsec-tunnel-redundancy-local-address (#PCDATA)>

<!ELEMENT ipsec-tunnel-redundancy-primary-remote-address (#PCDATA)>

<!ELEMENT issue-info (recipient | issued-by)*>

<!ELEMENT issued-by (#PCDATA)>

<!ELEMENT issuer (distinguished-name)*>

<!ELEMENT key (#PCDATA)>
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<!ELEMENT key-contents (#PCDATA)>

<!ELEMENT key-usage (#PCDATA)>

<!ELEMENT key-usage-list (key-usage)*>

<!ELEMENT kmd-memory-usage (memory-block-type | memory-in-use)*>

<!ELEMENT kmd-memory-usage-information (kmd-memory-usage)*>
<!ATTLIST kmd-memory-usage-information junos:style CDATA #IMPLIED>

<!ELEMENT local-gateway (#PCDATA)>

<!ELEMENT locality-name (#PCDATA)>

<!ELEMENT locked-entries (#PCDATA)>

<!ELEMENT memory-block-type (#PCDATA)>

<!ELEMENT memory-in-use (#PCDATA)>

<!ELEMENT message (#PCDATA)>

<!ELEMENT misc-errors (#PCDATA)>

<!ELEMENT next-update (#PCDATA)>

<!ELEMENT no-sa-errors (#PCDATA)>

<!ELEMENT not-after (#PCDATA)>

<!ELEMENT not-before (#PCDATA)>

<!ELEMENT organization-name (#PCDATA)>

<!ELEMENT organizational-unit-name (#PCDATA)>

<!ELEMENT outside-service-interface-routing-instance (#PCDATA)>

<!ELEMENT pic-name (#PCDATA)>

<!ELEMENT pic-slot (#PCDATA)>

<!ELEMENT pki-scep (url | ca-name | ca-file | key | certificate-subject |
certificate-dns | certificate-alternate-subject | encoding | message)*>

<!ELEMENT public-key (public-key-algorithm | public-key-length |
public-key-verification-status)*>

<!ELEMENT public-key-algorithm (#PCDATA)>

<!ELEMENT public-key-contents-list (key-contents)*>

<!ELEMENT public-key-length (#PCDATA)>

<!ELEMENT public-key-verification-status (#PCDATA)>

<!ELEMENT recipient (#PCDATA)>

<!ELEMENT remote-gateway (#PCDATA)>
```

```
<!ELEMENT replay-before-window-drops (#PCDATA)>
<!ELEMENT replay-errors (#PCDATA)>
<!ELEMENT replay-pkts (#PCDATA)>
<!ELEMENT revocation-date (#PCDATA)>
<!ELEMENT revoked-cert-serial-number (#PCDATA)>
<!ELEMENT rule-lookup-fail (#PCDATA)>
<!ELEMENT sa-anti-replay-service (#PCDATA)>
<!ELEMENT sa-authentication-algorithm (#PCDATA)>
<!ELEMENT sa-aux-spi (#PCDATA)>
<!ELEMENT sa-block-state (#PCDATA)>
<!ELEMENT sa-direction (#PCDATA)>
<!ELEMENT sa-encryption-algorithm (#PCDATA)>
<!ELEMENT sa-hard-lifetime (#PCDATA)>
<!ELEMENT sa-inside-interface (#PCDATA)>
<!ELEMENT sa-local-gateway (#PCDATA)>
<!ELEMENT sa-local-identity (#PCDATA)>
<!ELEMENT sa-mode (#PCDATA)>
<!ELEMENT sa-name (#PCDATA)>
<!ELEMENT sa-no-information EMPTY>
<!ELEMENT sa-protocol (#PCDATA)>
<!ELEMENT sa-remote-gateway (#PCDATA)>
<!ELEMENT sa-remote-identity (#PCDATA)>
<!ELEMENT sa-replay-window-size (#PCDATA)>
<!ELEMENT sa-rule-name (#PCDATA)>
<!ELEMENT sa-soft-lifetime (#PCDATA)>
<!ELEMENT sa-spi (#PCDATA)>
<!ELEMENT sa-state (#PCDATA)>
<!ELEMENT sa-term-name (#PCDATA)>
<!ELEMENT sa-tunnel-index (#PCDATA)>
<!ELEMENT sa-tunnel-information (sa-rule-name | sa-term-name | sa-tunnel-index |
sa-local-gateway | sa-remote-gateway | sa-local-identity | sa-remote-identity |
```



```

    sa-inside-interface | sa-tunnel-mtu | sa-no-information)*>

<!ELEMENT sa-tunnel-mtu (#PCDATA)>

<!ELEMENT sa-type (#PCDATA)>

<!ELEMENT security-associations (sa-direction | sa-spi | sa-aux-spi | sa-state |
    sa-mode | sa-type | sa-protocol | sa-authentication-algorithm |
    sa-encryption-algorithm | sa-soft-lifetime | sa-hard-lifetime |
    sa-anti-replay-service | sa-replay-window-size)*>

<!ELEMENT security-associations-block (sa-name | sa-block-state |
    sa-tunnel-information | security-associations)*>

<!ELEMENT security-associations-information (security-associations-block |
    sa-tunnel-information | security-associations)*>
<!ATTLIST security-associations-information junos:style CDATA #IMPLIED>

<!ELEMENT serial (#PCDATA)>

<!ELEMENT serial-number (#PCDATA)>

<!ELEMENT serial-number-list (serial-number-x509)*>

<!ELEMENT serial-number-x509 (#PCDATA)>

<!ELEMENT service-set-info (service-set-name | total-cert-entries)*>

<!ELEMENT service-set-name (#PCDATA)>

<!ELEMENT services-security-associations-block (svc-set-name |
    outside-service-interface-routing-instance | sa-tunnel-information |
    security-associations | tunnel-redundancy-extensive)*>

<!ELEMENT services-security-associations-information
    (services-security-associations-block | sa-tunnel-information |
    security-associations | tunnel-redundancy-extensive)*>
<!ATTLIST services-security-associations-information junos:style CDATA #IMPLIED>

<!ELEMENT signature-algorithm (#PCDATA)>

<!ELEMENT state-or-province-name (#PCDATA)>

<!ELEMENT statistics-no-information EMPTY>

<!ELEMENT status (#PCDATA)>

<!ELEMENT subject (distinguished-name)*>

<!ELEMENT svc-set-name (#PCDATA)>

<!ELEMENT total-cert-entries (#PCDATA)>

<!ELEMENT total-entries (#PCDATA)>

<!ELEMENT tunnel-index (#PCDATA)>

<!ELEMENT tunnel-redundancy-extensive (ipsec-redundancy-counter |
    ipsec-redundancy-tunnel-no-information |
    ipsec-tunnel-redundancy-primary-remote-address |
    ipsec-tunnel-redundancy-backup-remote-address | ipsec-redundancy-primary-state |

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    ipsec-redundancy-backup-state)*>

<!ELEMENT url (#PCDATA)>

<!ELEMENT validity (not-before | not-after)*>

<!ELEMENT version (#PCDATA)>

<!ELEMENT x509 (x509-ip | x509-dns | x509-uri | x509-email)*>

<!ELEMENT x509-certificate-cache-info (service-set-info | cert-flag-info |
issue-info | serial-number-list | public-key | fingerprint |
public-key-contents-list | alternate-subject-list | key-usage-list |
distribution-crl-list | signature-algorithm | identifier | validity | version |
certificate-cache-entry)*>
<!ATTLIST x509-certificate-cache-info junos:style CDATA #IMPLIED>

<!ELEMENT x509-certificate-cache-info-list (x509-certificate-cache-info)*>

<!ELEMENT x509-certificate-info (issue-info | serial-number-list | public-key |
fingerprint | public-key-contents-list | alternate-subject-list | key-usage-list
| distribution-crl-list | signature-algorithm | identifier | validity | version
| auto-re-enrollment | certificate-type | status | issuer | subject)*>
<!ATTLIST x509-certificate-info junos:style CDATA #IMPLIED>

<!ELEMENT x509-crl-information (crl-number | crl-revocation-list | crl-validity
| crl-version | crl-issuer | identifier | crl-issuer-alternate-subject-list |
crl-issuer-detail)*>
<!ATTLIST x509-crl-information junos:style CDATA #IMPLIED>

<!ELEMENT x509-dns (#PCDATA)>

<!ELEMENT x509-email (#PCDATA)>

<!ELEMENT x509-ip (#PCDATA)>

<!ELEMENT x509-pki-certificate-info-list (x509-certificate-info)*>

<!ELEMENT x509-pki-crl-information-list (x509-crl-information)*>

<!ELEMENT x509-uri (#PCDATA)>
```

CHAPTER 46

DTD for IPv6 Neighbor Discovery Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ipv6-nd.dtd`, which lists the Junos XML tags that contain information about IPv6 Neighbor Discovery. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-ipv6-nd.dtd -->

<!ELEMENT ipv6-modify-nd (ipv6-modify-nd-entry)*>

<!ELEMENT ipv6-modify-nd-entry (ipv6-nd-neighbor-address |
ipv6-nd-neighbor-l2-address | ipv6-nd-change)*>

<!ELEMENT ipv6-nd-change (#PCDATA)>

<!ELEMENT ipv6-nd-entry (ipv6-nd-neighbor-address | ipv6-nd-neighbor-l2-address
| ipv6-nd-total | ipv6-nd-state | ipv6-nd-expire | ipv6-nd-isrouter |
ipv6-nd-issecure | ipv6-nd-interface-name)*>

<!ELEMENT ipv6-nd-expire (#PCDATA)>

<!ELEMENT ipv6-nd-information (ipv6-nd-entry)*>

<!ELEMENT ipv6-nd-interface-name (#PCDATA)>

<!ELEMENT ipv6-nd-isrouter (#PCDATA)>

<!ELEMENT ipv6-nd-issecure (#PCDATA)>

<!ELEMENT ipv6-nd-neighbor-address (#PCDATA)>

<!ELEMENT ipv6-nd-neighbor-l2-address (#PCDATA)>

<!ELEMENT ipv6-nd-state (#PCDATA)>

<!ELEMENT ipv6-nd-total (#PCDATA)>
```


DTD for Junos Diameter Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-jdiameterd.dtd`, which lists the Junos XML tags that contain information about Junos diameter function. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-jdiameterd.dtd -->

<!ELEMENT jdiameterd-function-brief (jdiameterd-function-name |
jdiameterd-function-state | jdiameterd-function-upstream-transaction-utilization
| jdiameterd-function-downstream-transaction-utilization |
jdiameterd-function-network-transmission-queue-memory-utilization |
jdiameterd-function-function-transmission-queue-memory-utilization |
jdiameterd-function-routed-dests)*>

<!ELEMENT jdiameterd-function-connection-count (#PCDATA)>

<!ELEMENT jdiameterd-function-data (jdiameterd-function-name |
jdiameterd-function-state | jdiameterd-function-upstream-transaction-utilization
| jdiameterd-function-downstream-transaction-utilization |
jdiameterd-function-network-transmission-queue-memory-utilization |
jdiameterd-function-function-transmission-queue-memory-utilization |
jdiameterd-function-routed-dests |
jdiameterd-function-network-transmission-queue-requests |
jdiameterd-function-expected-answers-from-network |
jdiameterd-function-function-transmission-queue-answers |
jdiameterd-function-upstream-transaction-count |
jdiameterd-function-upstream-transaction-limit |
jdiameterd-function-function-transmission-queue-requests |
jdiameterd-function-expected-answers-from-function |
jdiameterd-function-network-transmission-queue-answers |
jdiameterd-function-downstream-transaction-count |
jdiameterd-function-downstream-transaction-limit |
jdiameterd-function-network-transmission-queue-memory |
jdiameterd-function-network-transmission-queue-memory-limit |
jdiameterd-function-function-transmission-queue-memory |
jdiameterd-function-function-transmission-queue-memory-limit)*>

<!ELEMENT jdiameterd-function-downstream-transaction-count (#PCDATA)>

<!ELEMENT jdiameterd-function-downstream-transaction-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-downstream-transaction-utilization (#PCDATA)>
```

```
<!ELEMENT jdiameterd-function-error (#PCDATA)>

<!ELEMENT jdiameterd-function-expected-answers-from-function (#PCDATA)>

<!ELEMENT jdiameterd-function-expected-answers-from-network (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-answer-failures (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-answer-failures-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-message-failures (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-message-failures-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-request-failures (#PCDATA)>

<!ELEMENT jdiameterd-function-function-receive-request-failures-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-answers-forwarded (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-answers-forwarded-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-answers-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-answers-over-limit-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-messages-forwarded (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-messages-forwarded-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-messages-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-messages-over-limit-total
(PCDATA)>

<!ELEMENT jdiameterd-function-function-received-requests-forwarded (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-requests-forwarded-total (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-requests-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-function-received-requests-over-limit-total
(PCDATA)>

<!ELEMENT jdiameterd-function-function-transmission-queue-answers (#PCDATA)>

<!ELEMENT jdiameterd-function-function-transmission-queue-memory (#PCDATA)>

<!ELEMENT jdiameterd-function-function-transmission-queue-memory-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-function-transmission-queue-memory-utilization
(PCDATA)>

<!ELEMENT jdiameterd-function-function-transmission-queue-requests (#PCDATA)>

<!ELEMENT jdiameterd-function-information (jdiameterd-function-list |
jdiameterd-function-brief | jdiameterd-function-data |
jdiameterd-function-not-found | jdiameterd-function-error)*>
<!ATTLIST jdiameterd-function-information junos:style CDATA #IMPLIED>
```

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<!ELEMENT jdiameterd-function-list (jdiameterd-function-name |
jdiameterd-function-state | jdiameterd-function-upstream-transaction-utilization
| jdiameterd-function-downstream-transaction-utilization |
jdiameterd-function-network-transmission-queue-memory-utilization |
jdiameterd-function-function-transmission-queue-memory-utilization |
jdiameterd-function-routed-dests)*>

<!ELEMENT jdiameterd-function-name (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answer-deliveries (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answer-deliveries-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answer-delivery-fails (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answer-delivery-fails-total
(#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answers-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-answers-over-limit-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-message-deliveries (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-message-deliveries-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-message-delivery-fails (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-message-delivery-fails-total
(#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-messages-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-messages-over-limit-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-deliveries (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-deliveries-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-delivery-fails (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-delivery-fails-total
(#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-over-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-network-received-requests-over-limit-total (#PCDATA)>

<!ELEMENT jdiameterd-function-network-transmission-queue-answers (#PCDATA)>

<!ELEMENT jdiameterd-function-network-transmission-queue-memory (#PCDATA)>

<!ELEMENT jdiameterd-function-network-transmission-queue-memory-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-network-transmission-queue-memory-utilization
(#PCDATA)>

<!ELEMENT jdiameterd-function-network-transmission-queue-requests (#PCDATA)>

<!ELEMENT jdiameterd-function-not-found (#PCDATA)>

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<!ELEMENT jdiameterd-function-routed-dests (#PCDATA)>

<!ELEMENT jdiameterd-function-state (#PCDATA)>

<!ELEMENT jdiameterd-function-statistics-brief (jdiameterd-function-name |
jdiameterd-function-connection-count |
jdiameterd-function-network-received-requests-deliveries |
jdiameterd-function-network-received-requests-deliveries-total |
jdiameterd-function-network-received-answer-deliveries |
jdiameterd-function-network-received-answer-deliveries-total |
jdiameterd-function-network-received-message-deliveries |
jdiameterd-function-network-received-message-deliveries-total |
jdiameterd-function-function-received-requests-forwarded |
jdiameterd-function-function-received-requests-forwarded-total |
jdiameterd-function-function-received-answers-forwarded |
jdiameterd-function-function-received-answers-forwarded-total |
jdiameterd-function-function-received-messages-forwarded |
jdiameterd-function-function-received-messages-forwarded-total)*>

<!ELEMENT jdiameterd-function-statistics-data (jdiameterd-function-name |
jdiameterd-function-connection-count |
jdiameterd-function-network-received-requests-deliveries |
jdiameterd-function-network-received-requests-deliveries-total |
jdiameterd-function-network-received-answer-deliveries |
jdiameterd-function-network-received-answer-deliveries-total |
jdiameterd-function-network-received-message-deliveries |
jdiameterd-function-network-received-message-deliveries-total |
jdiameterd-function-function-received-requests-forwarded |
jdiameterd-function-function-received-requests-forwarded-total |
jdiameterd-function-function-received-answers-forwarded |
jdiameterd-function-function-received-answers-forwarded-total |
jdiameterd-function-function-received-messages-forwarded |
jdiameterd-function-function-received-messages-forwarded-total |
jdiameterd-function-network-received-requests-over-limit |
jdiameterd-function-network-received-requests-over-limit-total |
jdiameterd-function-network-received-answers-over-limit |
jdiameterd-function-network-received-answers-over-limit-total |
jdiameterd-function-network-received-messages-over-limit |
jdiameterd-function-network-received-messages-over-limit-total |
jdiameterd-function-network-received-requests-delivery-fails |
jdiameterd-function-network-received-requests-delivery-fails-total |
jdiameterd-function-network-received-answer-delivery-fails |
jdiameterd-function-network-received-answer-delivery-fails-total |
jdiameterd-function-network-received-message-delivery-fails |
jdiameterd-function-network-received-message-delivery-fails-total |
jdiameterd-function-function-received-requests-over-limit |
jdiameterd-function-function-received-requests-over-limit-total |
jdiameterd-function-function-received-answers-over-limit |
jdiameterd-function-function-received-answers-over-limit-total |
jdiameterd-function-function-received-messages-over-limit |
jdiameterd-function-function-received-messages-over-limit-total |
jdiameterd-function-function-receive-request-failures |
jdiameterd-function-function-receive-request-failures-total |
jdiameterd-function-function-receive-answer-failures |
jdiameterd-function-function-receive-answer-failures-total |
jdiameterd-function-function-receive-message-failures |
jdiameterd-function-function-receive-message-failures-total)*>

<!ELEMENT jdiameterd-function-statistics-error (#PCDATA)>

<!ELEMENT jdiameterd-function-statistics-information
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(jdiameterd-function-statistics-list | jdiameterd-function-statistics-brief |
jdiameterd-function-statistics-data | jdiameterd-function-statistics-not-found |
jdiameterd-function-statistics-error)*>
<!ATTLIST jdiameterd-function-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-function-statistics-list (jdiameterd-function-name |
jdiameterd-function-network-received-requests-deliveries |
jdiameterd-function-network-received-answer-deliveries |
jdiameterd-function-network-received-message-deliveries |
jdiameterd-function-function-received-requests-forwarded |
jdiameterd-function-function-received-answers-forwarded |
jdiameterd-function-function-received-messages-forwarded)*>

<!ELEMENT jdiameterd-function-statistics-not-found (#PCDATA)>

<!ELEMENT jdiameterd-function-upstream-transaction-count (#PCDATA)>

<!ELEMENT jdiameterd-function-upstream-transaction-limit (#PCDATA)>

<!ELEMENT jdiameterd-function-upstream-transaction-utilization (#PCDATA)>

<!ELEMENT jdiameterd-instance-brief (jdiameterd-instance-name |
jdiameterd-instance-origin-realm | jdiameterd-instance-origin-host |
jdiameterd-instance-total-network-elements |
jdiameterd-instance-connected-network-elements)*>

<!ELEMENT jdiameterd-instance-connected-network-elements (#PCDATA)>

<!ELEMENT jdiameterd-instance-error (#PCDATA)>

<!ELEMENT jdiameterd-instance-information (jdiameterd-instance-list |
jdiameterd-instance-brief | jdiameterd-instance-not-found |
jdiameterd-instance-error)*>
<!ATTLIST jdiameterd-instance-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-instance-list (jdiameterd-instance-name |
jdiameterd-instance-origin-realm | jdiameterd-instance-origin-host |
jdiameterd-instance-total-network-elements |
jdiameterd-instance-connected-network-elements)*>

<!ELEMENT jdiameterd-instance-name (#PCDATA)>

<!ELEMENT jdiameterd-instance-not-found (#PCDATA)>

<!ELEMENT jdiameterd-instance-origin-host (#PCDATA)>

<!ELEMENT jdiameterd-instance-origin-realm (#PCDATA)>

<!ELEMENT jdiameterd-instance-total-network-elements (#PCDATA)>

<!ELEMENT jdiameterd-network-element-activated-peers (#PCDATA)>

<!ELEMENT jdiameterd-network-element-brief (jdiameterd-network-element-name |
jdiameterd-network-element-instance-name | jdiameterd-network-element-state |
jdiameterd-network-element-primary-peer |
jdiameterd-network-element-secondary-peer)*>

<!ELEMENT jdiameterd-network-element-data (jdiameterd-network-element-name |
jdiameterd-network-element-instance-name | jdiameterd-network-element-state |
jdiameterd-network-element-primary-peer | jdiameterd-network-element-secondary-peer
| jdiameterd-network-element-total-peers |

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jdiameterd-network-element-activated-peers | jdiameterd-network-element-open-peers
| jdiameterd-network-element-total-routes |
jdiameterd-network-element-invalid-routes |
jdiameterd-network-element-peer-activation-delay |
jdiameterd-network-element-first-selection-delay |
jdiameterd-network-element-post-selection-delay)*>

<!ELEMENT jdiameterd-network-element-error (#PCDATA)>

<!ELEMENT jdiameterd-network-element-first-selection-delay (#PCDATA)>

<!ELEMENT jdiameterd-network-element-information (jdiameterd-network-element-list
| jdiameterd-network-element-brief | jdiameterd-network-element-data |
jdiameterd-network-element-not-found | jdiameterd-network-element-error)*>
<!ATTLIST jdiameterd-network-element-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-network-element-instance-name (#PCDATA)>

<!ELEMENT jdiameterd-network-element-invalid-routes (#PCDATA)>

<!ELEMENT jdiameterd-network-element-list (jdiameterd-network-element-name |
jdiameterd-network-element-instance-name | jdiameterd-network-element-state |
jdiameterd-network-element-primary-peer |
jdiameterd-network-element-secondary-peer)*>

<!ELEMENT jdiameterd-network-element-map-data (jdiameterd-network-element-name |
jdiameterd-network-element-instance-name | jdiameterd-network-element-peer-name
| jdiameterd-network-element-peer-priority |
jdiameterd-network-element-peer-usage)*>

<!ELEMENT jdiameterd-network-element-map-error (#PCDATA)>

<!ELEMENT jdiameterd-network-element-map-information
(jdiameterd-network-element-map-list | jdiameterd-network-element-map-data |
jdiameterd-network-element-map-not-found | jdiameterd-network-element-map-error)*>
<!ATTLIST jdiameterd-network-element-map-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-network-element-map-list (jdiameterd-network-element-name |
jdiameterd-network-element-instance-name | jdiameterd-network-element-peer-name
| jdiameterd-network-element-peer-priority |
jdiameterd-network-element-peer-usage)*>

<!ELEMENT jdiameterd-network-element-map-not-found (#PCDATA)>

<!ELEMENT jdiameterd-network-element-name (#PCDATA)>

<!ELEMENT jdiameterd-network-element-not-found (#PCDATA)>

<!ELEMENT jdiameterd-network-element-open-peers (#PCDATA)>

<!ELEMENT jdiameterd-network-element-peer-activation-delay (#PCDATA)>

<!ELEMENT jdiameterd-network-element-peer-name (#PCDATA)>

<!ELEMENT jdiameterd-network-element-peer-priority (#PCDATA)>

<!ELEMENT jdiameterd-network-element-peer-usage (#PCDATA)>

<!ELEMENT jdiameterd-network-element-post-selection-delay (#PCDATA)>

<!ELEMENT jdiameterd-network-element-primary-peer (#PCDATA)>
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<!ELEMENT jdiameterd-network-element-secondary-peer (#PCDATA)>

<!ELEMENT jdiameterd-network-element-state (#PCDATA)>

<!ELEMENT jdiameterd-network-element-total-peers (#PCDATA)>

<!ELEMENT jdiameterd-network-element-total-routes (#PCDATA)>

<!ELEMENT jdiameterd-node-activated-peers (#PCDATA)>

<!ELEMENT jdiameterd-node-connected-functions (#PCDATA)>

<!ELEMENT jdiameterd-node-connected-network-elements (#PCDATA)>

<!ELEMENT jdiameterd-node-expected-answers-from-function (#PCDATA)>

<!ELEMENT jdiameterd-node-expected-answers-from-network (#PCDATA)>

<!ELEMENT jdiameterd-node-function-transmission-queue-answers (#PCDATA)>

<!ELEMENT jdiameterd-node-function-transmission-queue-memory (#PCDATA)>

<!ELEMENT jdiameterd-node-function-transmission-queue-requests (#PCDATA)>

<!ELEMENT jdiameterd-node-information (jdiameterd-node-summary |
jdiameterd-function-list | jdiameterd-instance-list |
jdiameterd-network-element-list | jdiameterd-peer-list | jdiameterd-route-list)*>
<!--ATTLIST jdiameterd-node-information junos:style CDATA #IMPLIED-->

<!ELEMENT jdiameterd-node-instances (#PCDATA)>

<!ELEMENT jdiameterd-node-network-transmission-queue-answers (#PCDATA)>

<!ELEMENT jdiameterd-node-network-transmission-queue-memory (#PCDATA)>

<!ELEMENT jdiameterd-node-network-transmission-queue-requests (#PCDATA)>

<!ELEMENT jdiameterd-node-open-peers (#PCDATA)>

<!ELEMENT jdiameterd-node-pid (#PCDATA)>

<!ELEMENT jdiameterd-node-summary (jdiameterd-node-pid |
jdiameterd-node-total-functions | jdiameterd-node-connected-functions |
jdiameterd-node-instances | jdiameterd-node-total-network-elements |
jdiameterd-node-connected-network-elements | jdiameterd-node-total-peers |
jdiameterd-node-activated-peers | jdiameterd-node-open-peers |
jdiameterd-node-total-ports |
jdiameterd-node-network-transmission-queue-requests |
jdiameterd-node-network-transmission-queue-answers |
jdiameterd-node-expected-answers-from-network |
jdiameterd-node-function-transmission-queue-requests |
jdiameterd-node-function-transmission-queue-answers |
jdiameterd-node-expected-answers-from-function |
jdiameterd-node-network-transmission-queue-memory |
jdiameterd-node-function-transmission-queue-memory)*>

<!ELEMENT jdiameterd-node-total-functions (#PCDATA)>

<!ELEMENT jdiameterd-node-total-network-elements (#PCDATA)>

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<!ELEMENT jdiameterd-node-total-peers (#PCDATA)>

<!ELEMENT jdiameterd-node-total-transport (#PCDATA)>

<!ELEMENT jdiameterd-peer-activated-count (#PCDATA)>

<!ELEMENT jdiameterd-peer-active-connection-terminations (#PCDATA)>

<!ELEMENT jdiameterd-peer-active-connection-terminations-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-active-disconnects (#PCDATA)>

<!ELEMENT jdiameterd-peer-active-disconnects-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-answer-count (#PCDATA)>

<!ELEMENT jdiameterd-peer-brief (jdiameterd-peer-name | jdiameterd-instance-name
| jdiameterd-peer-state | jdiameterd-peer-network-element-count |
jdiameterd-peer-activated-count | jdiameterd-peer-primary-count |
jdiameterd-peer-secondary-count | jdiameterd-peer-vrf |
jdiameterd-peer-remote-address | jdiameterd-peer-remote-port |
jdiameterd-peer-remote-realm | jdiameterd-peer-remote-host)*>

<!ELEMENT jdiameterd-peer-cea-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-cea-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-cea-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-cea-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-cer-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-cer-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-cer-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-cer-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-closed-timeout (#PCDATA)>

<!ELEMENT jdiameterd-peer-connect-timeout (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-attempts (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-attempts-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-failures (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-failures-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-successes (#PCDATA)>

<!ELEMENT jdiameterd-peer-connection-successes-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-data (jdiameterd-peer-name | jdiameterd-instance-name
| jdiameterd-peer-state | jdiameterd-peer-network-element-count |
jdiameterd-peer-activated-count | jdiameterd-peer-primary-count |
jdiameterd-peer-secondary-count | jdiameterd-peer-vrf |
jdiameterd-peer-remote-address | jdiameterd-peer-remote-port |
jdiameterd-peer-remote-realm | jdiameterd-peer-remote-host |
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jdiameterd-peer-local-address | jdiameterd-peer-local-port |
jdiameterd-peer-local-transport | jdiameterd-peer-post-enable-time |
jdiameterd-peer-in-state-time | jdiameterd-peer-in-state-remain-time |
jdiameterd-peer-missed-watch-dogs | jdiameterd-peer-transmission-queue-length |
jdiameterd-peer-answer-count | jdiameterd-peer-post-rx-time |
jdiameterd-peer-post-rx-remain | jdiameterd-peer-op-timeout |
jdiameterd-peer-suspended-timeout | jdiameterd-peer-closed-timeout |
jdiameterd-peer-connect-timeout)*>

<!ELEMENT jdiameterd-peer-dpa-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpa-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpa-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpa-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpr-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpr-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpr-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-dpr-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwa-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwa-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwa-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwa-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwr-received (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwr-received-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwr-transmitted (#PCDATA)>

<!ELEMENT jdiameterd-peer-dwr-transmitted-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-error (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarded-messages (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarded-messages-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-dropped-messages (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-dropped-messages-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-failures (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-failures-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-moved-in-messages (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-moved-in-messages-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-moved-out-messages (#PCDATA)>

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<!ELEMENT jdiameterd-peer-forwarding-moved-out-messages-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-rerouted-messages (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-rerouted-messages-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-successes (#PCDATA)>

<!ELEMENT jdiameterd-peer-forwarding-successes-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-in-state-remain-time (#PCDATA)>
<!ATTLIST jdiameterd-peer-in-state-remain-time junos:seconds CDATA #IMPLIED>

<!ELEMENT jdiameterd-peer-in-state-time (#PCDATA)>
<!ATTLIST jdiameterd-peer-in-state-time junos:seconds CDATA #IMPLIED>

<!ELEMENT jdiameterd-peer-information (jdiameterd-peer-list | jdiameterd-peer-brief
 | jdiameterd-peer-data | jdiameterd-peer-not-found | jdiameterd-peer-error)*>
<!ATTLIST jdiameterd-peer-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-peer-instance-name (#PCDATA)>

<!ELEMENT jdiameterd-peer-list (jdiameterd-peer-name |
jdiameterd-peer-instance-name | jdiameterd-peer-state |
jdiameterd-peer-network-element-count | jdiameterd-peer-activated-count |
jdiameterd-peer-primary-count | jdiameterd-peer-secondary-count)*>

<!ELEMENT jdiameterd-peer-local-address (#PCDATA)>

<!ELEMENT jdiameterd-peer-local-port (#PCDATA)>

<!ELEMENT jdiameterd-peer-local-transport (#PCDATA)>

<!ELEMENT jdiameterd-peer-map-data (jdiameterd-peer-name |
jdiameterd-peer-instance-name | jdiameterd-peer-network-element-name |
jdiameterd-peer-network-element-priority | jdiameterd-peer-network-element-usage)*>

<!ELEMENT jdiameterd-peer-map-error (#PCDATA)>

<!ELEMENT jdiameterd-peer-map-information (jdiameterd-peer-map-list |
jdiameterd-peer-map-data | jdiameterd-peer-map-not-found |
jdiameterd-peer-map-error)*>
<!ATTLIST jdiameterd-peer-map-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-peer-map-list (jdiameterd-peer-name |
jdiameterd-peer-instance-name | jdiameterd-peer-network-element-name |
jdiameterd-peer-network-element-priority | jdiameterd-peer-network-element-usage)*>

<!ELEMENT jdiameterd-peer-map-not-found (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-peer (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-peer-connection (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-peer-connection-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-peer-total (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-routed-destination (#PCDATA)>

<!ELEMENT jdiameterd-peer-messages-forwarded-to-routed-destination-total (#PCDATA)>
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<!ELEMENT jddiameterd-peer-messages-transmitted-by-self (#PCDATA)>
<!ELEMENT jddiameterd-peer-messages-transmitted-by-self-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-missed-watch-dogs (#PCDATA)>
<!ELEMENT jddiameterd-peer-name (#PCDATA)>
<!ELEMENT jddiameterd-peer-network-element-count (#PCDATA)>
<!ELEMENT jddiameterd-peer-network-element-name (#PCDATA)>
<!ELEMENT jddiameterd-peer-network-element-priority (#PCDATA)>
<!ELEMENT jddiameterd-peer-network-element-usage (#PCDATA)>
<!ELEMENT jddiameterd-peer-not-found (#PCDATA)>
<!ELEMENT jddiameterd-peer-op-timeout (#PCDATA)>
<!ELEMENT jddiameterd-peer-passive-connection-terminations (#PCDATA)>
<!ELEMENT jddiameterd-peer-passive-connection-terminations-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-passive-disconnects (#PCDATA)>
<!ELEMENT jddiameterd-peer-passive-disconnects-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-post-enable-time (#PCDATA)>
<!ATTLIST jddiameterd-peer-post-enable-time junos:seconds CDATA #IMPLIED>
<!ELEMENT jddiameterd-peer-post-rx-remain (#PCDATA)>
<!ELEMENT jddiameterd-peer-post-rx-time (#PCDATA)>
<!ELEMENT jddiameterd-peer-primary-count (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-answers-dropped (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-answers-dropped-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-blocking-requests (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-blocking-requests-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-blocking-timeouts (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-blocking-timeouts-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-errors (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-errors-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-messages-delivered-to-node (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-messages-delivered-to-node-total (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-messages-dropped (#PCDATA)>
<!ELEMENT jddiameterd-peer-receive-messages-dropped-total (#PCDATA)>
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<!ELEMENT jddiameterd-peer-receive-messages-handled-by-peer (#PCDATA)>

<!ELEMENT jddiameterd-peer-receive-messages-handled-by-peer-total (#PCDATA)>

<!ELEMENT jddiameterd-peer-receive-successes (#PCDATA)>

<!ELEMENT jddiameterd-peer-receive-successes-total (#PCDATA)>

<!ELEMENT jddiameterd-peer-received-answers (#PCDATA)>

<!ELEMENT jddiameterd-peer-received-answers-total (#PCDATA)>

<!ELEMENT jddiameterd-peer-received-requests (#PCDATA)>

<!ELEMENT jddiameterd-peer-received-requests-total (#PCDATA)>

<!ELEMENT jddiameterd-peer-remote-address (#PCDATA)>

<!ELEMENT jddiameterd-peer-remote-host (#PCDATA)>

<!ELEMENT jddiameterd-peer-remote-port (#PCDATA)>

<!ELEMENT jddiameterd-peer-remote-realm (#PCDATA)>

<!ELEMENT jddiameterd-peer-secondary-count (#PCDATA)>

<!ELEMENT jddiameterd-peer-state (#PCDATA)>

<!ELEMENT jddiameterd-peer-statistics-brief (jddiameterd-peer-name |
jddiameterd-peer-instance-name | jddiameterd-peer-receive-errors |
jddiameterd-peer-receive-successes |
jddiameterd-peer-receive-messages-handled-by-peer |
jddiameterd-peer-receive-messages-dropped | jddiameterd-peer-receive-answers-dropped
| jddiameterd-peer-received-answers | jddiameterd-peer-received-requests |
jddiameterd-peer-receive-messages-delivered-to-node |
jddiameterd-peer-receive-errors-total | jddiameterd-peer-receive-successes-total |
jddiameterd-peer-receive-messages-handled-by-peer-total |
jddiameterd-peer-receive-messages-dropped-total |
jddiameterd-peer-receive-answers-dropped-total |
jddiameterd-peer-received-answers-total | jddiameterd-peer-received-requests-total
| jddiameterd-peer-receive-messages-delivered-to-node-total |
jddiameterd-peer-messages-forwarded-to-peer-connection |
jddiameterd-peer-messages-forwarded-to-peer |
jddiameterd-peer-messages-forwarded-to-routed-destination |
jddiameterd-peer-forwarded-messages | jddiameterd-peer-forwarding-failures |
jddiameterd-peer-forwarding-successes | jddiameterd-peer-forwarding-moved-in-messages
| jddiameterd-peer-forwarding-moved-out-messages |
jddiameterd-peer-forwarding-rerouted-messages |
jddiameterd-peer-forwarding-dropped-messages |
jddiameterd-peer-messages-transmitted-by-self | jddiameterd-peer-transmit-errors |
jddiameterd-peer-transmit-successes |
jddiameterd-peer-messages-forwarded-to-peer-connection-total |
jddiameterd-peer-messages-forwarded-to-peer-total |
jddiameterd-peer-messages-forwarded-to-routed-destination-total |
jddiameterd-peer-forwarded-messages-total |
jddiameterd-peer-forwarding-failures-total |
jddiameterd-peer-forwarding-successes-total |
jddiameterd-peer-forwarding-moved-in-messages-total |
jddiameterd-peer-forwarding-moved-out-messages-total |
jddiameterd-peer-forwarding-rerouted-messages-total |
```



```

jdiameterd-peer-forwarding-dropped-messages-total |
jdiameterd-peer-messages-transmitted-by-self-total |
jdiameterd-peer-transmit-errors-total | jdiameterd-peer-transmit-successes-total
| jdiameterd-peer-connection-attempts | jdiameterd-peer-connection-failures |
jdiameterd-peer-connection-successes |
jdiameterd-peer-passive-connection-terminations |
jdiameterd-peer-active-connection-terminations |
jdiameterd-peer-passive-disconnects | jdiameterd-peer-active-disconnects |
jdiameterd-peer-connection-attempts-total |
jdiameterd-peer-connection-failures-total |
jdiameterd-peer-connection-successes-total |
jdiameterd-peer-passive-connection-terminations-total |
jdiameterd-peer-active-connection-terminations-total |
jdiameterd-peer-passive-disconnects-total |
jdiameterd-peer-active-disconnects-total |
jdiameterd-peer-receive-blocking-requests |
jdiameterd-peer-receive-blocking-timeouts |
jdiameterd-peer-receive-blocking-requests-total |
jdiameterd-peer-receive-blocking-timeouts-total)*>

```

```

<!ELEMENT jdiameterd-peer-statistics-data (jdiameterd-peer-receive-errors |
jdiameterd-peer-receive-successes |
jdiameterd-peer-receive-messages-handled-by-peer |
jdiameterd-peer-receive-messages-dropped | jdiameterd-peer-receive-answers-dropped
| jdiameterd-peer-received-answers | jdiameterd-peer-received-requests |
jdiameterd-peer-receive-messages-delivered-to-node |
jdiameterd-peer-receive-errors-total | jdiameterd-peer-receive-successes-total |
jdiameterd-peer-receive-messages-handled-by-peer-total |
jdiameterd-peer-receive-messages-dropped-total |
jdiameterd-peer-receive-answers-dropped-total |
jdiameterd-peer-received-answers-total | jdiameterd-peer-received-requests-total
| jdiameterd-peer-receive-messages-delivered-to-node-total |
jdiameterd-peer-messages-forwarded-to-peer-connection |
jdiameterd-peer-messages-forwarded-to-peer |
jdiameterd-peer-messages-forwarded-to-routed-destination |
jdiameterd-peer-forwarded-messages | jdiameterd-peer-forwarding-failures |
jdiameterd-peer-forwarding-successes | jdiameterd-peer-forwarding-moved-in-messages
| jdiameterd-peer-forwarding-moved-out-messages |
jdiameterd-peer-forwarding-rerouted-messages |
jdiameterd-peer-forwarding-dropped-messages |
jdiameterd-peer-messages-transmitted-by-self | jdiameterd-peer-transmit-errors |
jdiameterd-peer-transmit-successes |
jdiameterd-peer-messages-forwarded-to-peer-connection-total |
jdiameterd-peer-messages-forwarded-to-peer-total |
jdiameterd-peer-messages-forwarded-to-routed-destination-total |
jdiameterd-peer-forwarded-messages-total |
jdiameterd-peer-forwarding-failures-total |
jdiameterd-peer-forwarding-successes-total |
jdiameterd-peer-forwarding-moved-in-messages-total |
jdiameterd-peer-forwarding-moved-out-messages-total |
jdiameterd-peer-forwarding-rerouted-messages-total |
jdiameterd-peer-forwarding-dropped-messages-total |
jdiameterd-peer-messages-transmitted-by-self-total |
jdiameterd-peer-transmit-errors-total | jdiameterd-peer-transmit-successes-total
| jdiameterd-peer-connection-attempts | jdiameterd-peer-connection-failures |
jdiameterd-peer-connection-successes |
jdiameterd-peer-passive-connection-terminations |
jdiameterd-peer-active-connection-terminations |
jdiameterd-peer-passive-disconnects | jdiameterd-peer-active-disconnects |
jdiameterd-peer-connection-attempts-total |
jdiameterd-peer-connection-failures-total |

```

```

jiameterd-peer-connection-successes-total |
jiameterd-peer-passive-connection-terminations-total |
jiameterd-peer-active-connection-terminations-total |
jiameterd-peer-passive-disconnects-total |
jiameterd-peer-active-disconnects-total |
jiameterd-peer-receive-blocking-requests |
jiameterd-peer-receive-blocking-timeouts |
jiameterd-peer-receive-blocking-requests-total |
jiameterd-peer-receive-blocking-timeouts-total | jiameterd-peer-cer-transmitted
| jiameterd-peer-cer-received | jiameterd-peer-cea-transmitted |
jiameterd-peer-cea-received | jiameterd-peer-dwr-transmitted |
jiameterd-peer-dwr-received | jiameterd-peer-dwa-transmitted |
jiameterd-peer-dwa-received | jiameterd-peer-dpr-transmitted |
jiameterd-peer-dpr-received | jiameterd-peer-dpa-transmitted |
jiameterd-peer-dpa-received | jiameterd-peer-cer-transmitted-total |
jiameterd-peer-cer-received-total | jiameterd-peer-cea-transmitted-total |
jiameterd-peer-cea-received-total | jiameterd-peer-dwr-transmitted-total |
jiameterd-peer-dwr-received-total | jiameterd-peer-dwa-transmitted-total |
jiameterd-peer-dwa-received-total | jiameterd-peer-dpr-transmitted-total |
jiameterd-peer-dpr-received-total | jiameterd-peer-dpa-transmitted-total |
jiameterd-peer-dpa-received-total)*>

<!ELEMENT jiameterd-peer-statistics-error (#PCDATA)>

<!ELEMENT jiameterd-peer-statistics-information (jiameterd-peer-statistics-list
| jiameterd-peer-statistics-brief | jiameterd-peer-statistics-data |
jiameterd-peer-statistics-not-found | jiameterd-peer-statistics-error)*>
<ATTLIST jiameterd-peer-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT jiameterd-peer-statistics-list (jiameterd-peer-name |
jiameterd-peer-instance-name | jiameterd-peer-receive-successes |
jiameterd-peer-receive-messages-handled-by-peer |
jiameterd-peer-receive-messages-delivered-to-node |
jiameterd-peer-forwarding-successes | jiameterd-peer-messages-transmitted-by-self
| jiameterd-peer-transmit-successes)*>

<!ELEMENT jiameterd-peer-statistics-not-found (#PCDATA)>

<!ELEMENT jiameterd-peer-suspended-timeout (#PCDATA)>

<!ELEMENT jiameterd-peer-transmission-queue-length (#PCDATA)>

<!ELEMENT jiameterd-peer-transmit-errors (#PCDATA)>

<!ELEMENT jiameterd-peer-transmit-errors-total (#PCDATA)>

<!ELEMENT jiameterd-peer-transmit-successes (#PCDATA)>

<!ELEMENT jiameterd-peer-transmit-successes-total (#PCDATA)>

<!ELEMENT jiameterd-peer-vrf (#PCDATA)>

<!ELEMENT jiameterd-route-brief (jiameterd-route-name |
jiameterd-route-network-element-name | jiameterd-route-instance-name |
jiameterd-route-valid | jiameterd-route-up)*>

<!ELEMENT jiameterd-route-data (jiameterd-route-name |
jiameterd-route-network-element-name | jiameterd-route-instance-name |
jiameterd-route-valid | jiameterd-route-up | jiameterd-route-function |
jiameterd-route-function-part | jiameterd-route-dest-realm |
jiameterd-route-dest-host | jiameterd-route-metric | jiameterd-route-score)*>

```

```
<!ELEMENT jdiameterd-route-dest-host (#PCDATA)>

<!ELEMENT jdiameterd-route-dest-realm (#PCDATA)>

<!ELEMENT jdiameterd-route-error (#PCDATA)>

<!ELEMENT jdiameterd-route-function (#PCDATA)>

<!ELEMENT jdiameterd-route-function-part (#PCDATA)>

<!ELEMENT jdiameterd-route-information (jdiameterd-route-list |
jdiameterd-route-brief | jdiameterd-route-data | jdiameterd-route-not-found |
jdiameterd-route-error)*>
<!ATTLIST jdiameterd-route-information junos:style CDATA #IMPLIED>

<!ELEMENT jdiameterd-route-instance-name (#PCDATA)>

<!ELEMENT jdiameterd-route-list (jdiameterd-route-name |
jdiameterd-route-network-element-name | jdiameterd-route-instance-name |
jdiameterd-route-valid | jdiameterd-route-up)*>

<!ELEMENT jdiameterd-route-metric (#PCDATA)>

<!ELEMENT jdiameterd-route-name (#PCDATA)>

<!ELEMENT jdiameterd-route-network-element-name (#PCDATA)>

<!ELEMENT jdiameterd-route-not-found (#PCDATA)>

<!ELEMENT jdiameterd-route-score (#PCDATA)>

<!ELEMENT jdiameterd-route-up (#PCDATA)>

<!ELEMENT jdiameterd-route-valid (#PCDATA)>
```


CHAPTER 48

DTD for JNX Example Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-jnx-example.dtd`, which lists the Junos XML tags that contain information about JNX example. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-jnx-example.dtd -->

<!ELEMENT cpu-usage (#PCDATA)>

<!ELEMENT jnx-example-data (jnx-example-data-name | jnx-example-data-description
| jnx-example-data-type | jnx-example-data-value)*>

<!ELEMENT jnx-example-data-description (#PCDATA)>

<!ELEMENT jnx-example-data-information (jnx-example-data)*>
<!ATTLIST jnx-example-data-information junos:style CDATA #IMPLIED>

<!ELEMENT jnx-example-data-name (#PCDATA)>

<!ELEMENT jnx-example-data-type (#PCDATA)>

<!ELEMENT jnx-example-data-value (#PCDATA)>

<!ELEMENT jnx-example-statistics (cpu-usage | memory-usage)*>

<!ELEMENT memory-usage (#PCDATA)>
```


CHAPTER 49

DTD for L2AL Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-l2al.dtd`, which lists the Junos XML tags that contain information about L2AL. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-l2al.dtd -->

<!ELEMENT bd-name (#PCDATA)>

<!ELEMENT bridge-domain-name (#PCDATA)>

<!ELEMENT bridge-statistics-information (l2ald-rtb-entry | interface-statistics)*>

<!ELEMENT bridging-domain (#PCDATA)>

<!ELEMENT broadcast-bytes (#PCDATA)>

<!ELEMENT broadcast-packets (#PCDATA)>

<!ELEMENT byte-count (#PCDATA)>

<!ELEMENT component-nhindex (#PCDATA)>

<!ELEMENT event-error (#PCDATA)>

<!ELEMENT event-name (#PCDATA)>

<!ELEMENT event-op (#PCDATA)>

<!ELEMENT event-owner (#PCDATA)>

<!ELEMENT event-type (#PCDATA)>

<!ELEMENT flood-group-composite-function (#PCDATA)>

<!ELEMENT flood-nh-components (interface-name | interface-type | nhtype |
nhindex)*>
<ATTLIST flood-nh-components junos:style CDATA #IMPLIED>

<!ELEMENT flood-nh-group (flood-nh-group-name | flood-nh-group-type | nhtype |
nhindex | flood-group-composite-function | flood-nh-components |
flood-nh-p2mp-components)*>
```

```
<!ATTLIST flood-nh-group junos:style CDATA #IMPLIED>

<!ELEMENT flood-nh-group-name (#PCDATA)>

<!ELEMENT flood-nh-group-type (#PCDATA)>

<!ELEMENT flood-nh-p2mp-components (component-nhindex)*>

<!ELEMENT flood-route (route-prefix | route-type | owner | route-flood-group-name
| route-flood-group-index | nh-type | nhindex | flood-nh-p2mp-components |
flood-nh-components | flood-nh-group)*>
<!ATTLIST flood-route junos:style CDATA #IMPLIED>

<!ELEMENT flooded-bytes (#PCDATA)>

<!ELEMENT flooded-packets (#PCDATA)>

<!ELEMENT global-mac-count (#PCDATA)>

<!ELEMENT instance-name (#PCDATA)>

<!ELEMENT interface (interface-name | interface-id | interface-description |
local-interface-index | interface-flags | interface-flags-description)*>

<!ELEMENT interface-description (#PCDATA)>

<!ELEMENT interface-flags (#PCDATA)>

<!ELEMENT interface-flags-description (#PCDATA)>

<!ELEMENT interface-id (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-statistics (interface | remote-pe | broadcast-packets |
broadcast-bytes | multicast-packets | multicast-bytes | flooded-packets |
flooded-bytes | unicast-packets | unicast-bytes | mac-limit | num-mac-count)*>

<!ELEMENT interface-type (#PCDATA)>

<!ELEMENT 12-bridge-isid (#PCDATA)>

<!ELEMENT 12-bridge-vlan (#PCDATA)>

<!ELEMENT 12-mac-address (#PCDATA)>

<!ELEMENT 12-mac-bridging-domain (#PCDATA)>

<!ELEMENT 12-mac-entry-flags (#PCDATA)>

<!ELEMENT 12-mac-epoch (#PCDATA)>

<!ELEMENT 12-mac-flags (#PCDATA)>

<!ELEMENT 12-mac-ifl-generation (#PCDATA)>

<!ELEMENT 12-mac-interface-device (#PCDATA)>

<!ELEMENT 12-mac-learn-mask (#PCDATA)>

<!ELEMENT 12-mac-logical-interface (#PCDATA)>
```



```

<!ELEMENT 12-mac-logical-system (#PCDATA)>

<!ELEMENT 12-mac-routing-instance (#PCDATA)>

<!ELEMENT 12-mac-sequence-number (#PCDATA)>

<!ELEMENT 12-mac-stp-index (#PCDATA)>

<!ELEMENT 12-mac-vlan (#PCDATA)>

<!ELEMENT 12-rbeb-flags (#PCDATA)>

<!ELEMENT 12-rbeb-le-index (#PCDATA)>

<!ELEMENT 12-rbeb-logical-system (#PCDATA)>

<!ELEMENT 12-rbeb-mac-address (#PCDATA)>

<!ELEMENT 12-rbeb-routing-instance (#PCDATA)>

<!ELEMENT 12-rbeb-state-flags (#PCDATA)>

<!ELEMENT 12-rbeb-time-left-msec (#PCDATA)>

<!ELEMENT 12-rbeb-time-left-sec (#PCDATA)>

<!ELEMENT 12-remote-beb-mac-address (#PCDATA)>

<!ELEMENT 12ald-bridge-domain-flood-event-info (event-name | event-type |
event-owner | event-op | event-error)*>
<!ATTLIST 12ald-bridge-domain-flood-event-info junos:style CDATA #IMPLIED>

<!ELEMENT 12ald-bridge-domain-flood-event-list
(12ald-bridge-domain-flood-event-info)*>

<!ELEMENT 12ald-bridge-domain-flood-event-queue
(12ald-bridge-domain-flood-next-event | 12ald-bridge-domain-flood-event-list)*>

<!ELEMENT 12ald-bridge-domain-flood-instance (12ald-bridge-domain-lr-information)*>

<!ELEMENT 12ald-bridge-domain-flood-instance-information (instance-name |
num-active-ce-iffs | num-active-ve-iffs | flood-route)*>
<!ATTLIST 12ald-bridge-domain-flood-instance-information junos:style CDATA
#IMPLIED>

<!ELEMENT 12ald-bridge-domain-flood-next-event
(12ald-bridge-domain-flood-event-info)*>

<!ELEMENT 12ald-bridge-domain-flood-route-information (flood-route)*>

<!ELEMENT 12ald-bridge-domain-lr-information (logical-system-info |
12ald-bridge-domain-flood-instance-information)*>

<!ELEMENT 12ald-bridge-instance-group (12rtb-name | 12rtb-bridging-domain |
12rtb-instance-description | 12rtb-instance-type | 12rtb-instance-state |
12rtb-instance-restart-state | 12rtb-instance-pathsel-timeout |
12rtb-interface-name | 12rtb-macs-learned | 12rtb-instance-flags |
12rtb-bridge-vlan | 12rtb-brief-summary)*>

<!ELEMENT 12ald-bridge-instance-information (12ald-bridge-instance-group)*>

```

```
<!ATTLIST l2ald-bridge-instance-information junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-config-flag (#PCDATA)>

<!ELEMENT l2ald-config-pbbn (l2ald-pbbn-entry)*>

<!ELEMENT l2ald-config-smac-count (#PCDATA)>

<!ELEMENT l2ald-global-configuration (l2ald-mac-aging-time | l2ald-config-flag |
  l2ald-mac-learning-status | l2ald-hardware-mac-learning-status |
  l2ald-software-mac-learning-status | l2ald-statistics-status |
  l2ald-sequence-number | l2ald-mac-learn-toggle-count |
  l2ald-hardware-mac-learn-toggle-count | l2ald-software-mac-learn-toggle-count |
  l2ald-statistics-toggle-count | l2ald-global-mac-limit-count |
  l2ald-global-mac-limit | l2ald-global-packet-action-drop |
  l2ald-interface-mac-limit-wm | l2ald-rtb-mac-limit-wm | l2ald-mac-limit-wm |
  l2ald-interface-mac-limit-timeout | l2ald-rtb-mac-limit-timeout |
  l2ald-mac-limit-timeout | l2ald-config-smac-count | l2ald-non-config-smac-count
  | l2ald-le-aging-time | l2ald-le-bridge-domain-aging-time)*>
<!ATTLIST l2ald-global-configuration junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-global-mac-limit (#PCDATA)>

<!ELEMENT l2ald-global-mac-limit-count (#PCDATA)>

<!ELEMENT l2ald-global-macdb (l2ald-mac-entry)*>

<!ELEMENT l2ald-global-macdb-count (global-mac-count)*>

<!ELEMENT l2ald-global-packet-action-drop (#PCDATA)>

<!ELEMENT l2ald-hardware-mac-learn-toggle-count (#PCDATA)>

<!ELEMENT l2ald-hardware-mac-learning-status (#PCDATA)>

<!ELEMENT l2ald-if-mac-count-entry (interface-name | mac-count)*>
<!ATTLIST l2ald-if-mac-count-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-ifd-preconfig-entry (l2ald-ifd-preconfig-name |
  l2ald-ifd-preconfig-vmap | l2ald-ifd-preconfig-vmap-count |
  l2ald-ifd-tmp-resync-vmap | l2ald-ifd-tmp-resync-vmap-count)*>
<!ATTLIST l2ald-ifd-preconfig-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-ifd-preconfig-name (#PCDATA)>

<!ELEMENT l2ald-ifd-preconfig-vmap (#PCDATA)>

<!ELEMENT l2ald-ifd-preconfig-vmap-count (#PCDATA)>

<!ELEMENT l2ald-ifd-tmp-resync-vmap (#PCDATA)>

<!ELEMENT l2ald-ifd-tmp-resync-vmap-count (#PCDATA)>

<!ELEMENT l2ald-interface-mac-count (l2ald-total-intf-mac-count |
  l2ald-if-mac-count-entry)*>

<!ELEMENT l2ald-interface-mac-limit-timeout (#PCDATA)>

<!ELEMENT l2ald-interface-mac-limit-wm (#PCDATA)>

<!ELEMENT l2ald-interface-macdb (l2ald-macdb-if-name | l2ald-mac-entry)*>
```

```

<!ELEMENT l2ald-le-aging-time (#PCDATA)>

<!ELEMENT l2ald-le-bridge-domain-aging-time (#PCDATA)>

<!ELEMENT l2ald-mac-aging-time (#PCDATA)>

<!ELEMENT l2ald-mac-destination-address-statistics (packet-count | byte-count)*>

<!ELEMENT l2ald-mac-entry (l2-mac-address | l2-remote-beb-mac-address |
l2-mac-interface-device | l2-mac-logical-interface | l2-mac-routing-instance |
l2-mac-bridging-domain | l2-mac-logical-system | l2-mac-vlan | l2-mac-stp-index
| l2-mac-epoch | l2-mac-ifl-generation | l2-mac-sequence-number | l2-mac-learn-mask
| l2-mac-entry-flags | l2-mac-flags | l2-bridge-vlan | l2-bridge-isid |
l2ald-mac-source-address-statistics | l2ald-mac-destination-address-statistics)*>
<!ATTLIST l2ald-mac-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-mac-learn-toggle-count (#PCDATA)>

<!ELEMENT l2ald-mac-learning-status (#PCDATA)>

<!ELEMENT l2ald-mac-limit-timeout (#PCDATA)>

<!ELEMENT l2ald-mac-limit-wm (#PCDATA)>

<!ELEMENT l2ald-mac-source-address-statistics (packet-count | byte-count)*>

<!ELEMENT l2ald-macdb-if-name (#PCDATA)>

<!ELEMENT l2ald-macdb-rtb-name (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-entry (l2ald-mc-ae-rg-id |
l2ald-mc-ae-arp-rx-count-from-line | l2ald-mc-ae-arp-tx-count-to-peer |
l2ald-mc-ae-arp-rx-count-from-peer | l2ald-mc-ae-arp-install-count |
l2ald-mc-ae-arp-local-drop-count | l2ald-mc-ae-arp-remote-drop-count)*>
<!ATTLIST l2ald-mc-ae-arp-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-mc-ae-arp-install-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-local-drop-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-remote-drop-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-rx-count-from-line (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-rx-count-from-peer (#PCDATA)>

<!ELEMENT l2ald-mc-ae-arp-tx-count-to-peer (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-flags (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-mac-address (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-mcae-id (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-peer-address (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-remote-mac-entry (l2ald-mc-ae-mh-service-id |
l2ald-mc-ae-mh-vlan-id | l2ald-mc-ae-mh-peer-address | l2ald-mc-ae-mh-mac-address
| l2ald-mc-ae-mh-mcae-id | l2ald-mc-ae-mh-unit-num | l2ald-mc-ae-mh-rtm-op |
l2ald-mc-ae-mh-flags | l2ald-mc-ae-mh-status)*>

```

```
<!ATTLIST l2ald-mc-ae-mh-remote-mac-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-mc-ae-mh-rtm-op (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-service-id (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-status (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-unit-num (#PCDATA)>

<!ELEMENT l2ald-mc-ae-mh-vlan-id (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-disconnect-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-entry (l2ald-mc-ae-rg-id | l2ald-mc-ae-rg-flags |
l2ald-mc-ae-rg-ref-count | l2ald-mc-ae-rg-tx-count | l2ald-mc-ae-rg-rx-count |
l2ald-mc-ae-rg-disconnect-count)*>
<!ATTLIST l2ald-mc-ae-rg-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-mc-ae-rg-flags (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-id (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-ref-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-rx-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-rg-tx-count (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-flags (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-mac-address (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-peer-address (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-remote-mac-entry (l2ald-mc-ae-sh-service-id |
l2ald-mc-ae-sh-vlan-id | l2ald-mc-ae-sh-peer-address | l2ald-mc-ae-sh-mac-address
| l2ald-mc-ae-sh-rtm-op | l2ald-mc-ae-sh-flags | l2ald-mc-ae-sh-status)*>
<!ATTLIST l2ald-mc-ae-sh-remote-mac-entry junos:style CDATA #IMPLIED>

<!ELEMENT l2ald-mc-ae-sh-rtm-op (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-service-id (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-status (#PCDATA)>

<!ELEMENT l2ald-mc-ae-sh-vlan-id (#PCDATA)>

<!ELEMENT l2ald-mvrp-information (l2ald-ifd-preconfig-entry |
l2ald-server-non-mvrp-ct | l2ald-server-mvrp-ct | l2ald-server-mvrp-join-ct |
l2ald-server-mvrp-leave-ct)*>

<!ELEMENT l2ald-non-config-smac-count (#PCDATA)>

<!ELEMENT l2ald-pbbn (l2ald-pbbn-entry)*>

<!ELEMENT l2ald-pbbn-entry (l2pbbn-logical-system | l2pbbn-rtb | l2pbbn-rtb-bb |
l2pbbn-rtb-pbbn-id | l2pbbn-pbn-bd | l2pbbn-svlan | l2pbbn-isid | l2pbbn-bvlan
| l2pbbn-flags | l2pbbn-pbn-bd-index | l2pbbn-pbbn-bd | l2pbbn-pbbn-bd-index |
l2pbbn-generation | l2pbbn-sequence-number | l2pbbn-handle | l2pbbn-mac-address)*>
<!ATTLIST l2ald-pbbn-entry junos:style CDATA #IMPLIED>
```

```

<!ELEMENT l2ald-pbn (l2ald-pbn-entry)*>

<!ELEMENT l2ald-pbn-entry (l2pbn-logical-system | l2pbn-rtb | l2pbn-rtb-bb |
l2pbn-bridging-domain | l2pbn-pbn-bd | l2pbn-pbbn-bd | l2pbn-svlan | l2pbn-isid
| l2pbn-bvlan | l2pbn-flags | l2pbn-pbn-bd-index | l2pbn-pbbn-bd-index |
l2pbn-generation | l2pbn-sequence-number | l2pbn-handle | l2pbn-mac-address)*>
<!--ATTLIST l2ald-pbn-entry junos:style CDATA #IMPLIED-->

<!ELEMENT l2ald-perf-counters (perf-desc | perf-count | perf-start-time-sec |
perf-start-time-usec | perf-end-time-sec | perf-end-time-usec | perf-diff-time-sec
| perf-diff-time-usec)*>

<!ELEMENT l2ald-rbeb-entry (l2-rbeb-logical-system | l2-rbeb-routing-instance |
l2-rbeb-le-index | l2-rbeb-mac-address | l2-rbeb-time-left-sec |
l2-rbeb-time-left-msec | l2-rbeb-flags | l2-rbeb-state-flags)*>
<!--ATTLIST l2ald-rbeb-entry junos:style CDATA #IMPLIED-->

<!ELEMENT l2ald-rbeb-information (l2ald-rbeb-entry)*>

<!ELEMENT l2ald-rg-information (l2ald-mc-ae-rg-entry |
l2ald-mc-ae-sh-remote-mac-entry | l2ald-mc-ae-mh-remote-mac-entry |
l2ald-mc-ae-arp-entry)*>

<!ELEMENT l2ald-rtb-entry (l2rtb-name | l2rtb-bridging-domain | l2rtb-id | l2bd-id
| l2rtb-l2irb-ifl-index | l2bd-vlan-id | l2rtb-logical-system |
l2rtb-sequence-number | l2rtb-mac-limit | l2rtb-macs-learned |
l2rtb-config-smacs-learned | l2rtb-non-config-smacs-learned | l2rtb-flags |
l2rtb-peer-pbbn-rtb-id | l2rtb-irb-interface | l2rtb-irb-interface-index |
l2rtb-handle | l2rtb-config-bd-vlan | l2rtb-config-operation | l2rtb-config-flags
| l2rtb-config-params | l2rtb-config-ownership-flags | l2rtb-config-mvrp-ref-count
| l2rtb-instance-type | l2rtb-config-smac-count | l2rtb-rtsock-write-errors |
l2rtb-ownership-flags | l2rtb-configured-service-id | l2rtb-active-service-id |
l2rtb-configured-rg-id | l2rtb-active-rg-id)*>
<!--ATTLIST l2ald-rtb-entry junos:style CDATA #IMPLIED-->

<!ELEMENT l2ald-rtb-if-mac-count (l2ald-rtb-if-mac-count-entry)*>

<!ELEMENT l2ald-rtb-if-mac-count-entry (interface-name | mac-count)*>

<!ELEMENT l2ald-rtb-learn-vlan-mac-count (l2ald-rtb-learn-vlan-mac-count-entry)*>

<!ELEMENT l2ald-rtb-learn-vlan-mac-count-entry (learn-vlan | mac-count)*>

<!ELEMENT l2ald-rtb-mac-count (l2ald-rtb-mac-count-entry)*>

<!ELEMENT l2ald-rtb-mac-count-entry (rtb-name | bd-name | rtb-mac-count |
l2ald-rtb-if-mac-count | l2ald-rtb-learn-vlan-mac-count)*>

<!ELEMENT l2ald-rtb-mac-learn-address (#PCDATA)>

<!ELEMENT l2ald-rtb-mac-learn-count (l2ald-rtb-mac-learn-address |
l2ald-rtb-mac-learn-num-times)*>

<!ELEMENT l2ald-rtb-mac-learn-num-times (#PCDATA)>

<!ELEMENT l2ald-rtb-mac-limit-timeout (#PCDATA)>

<!ELEMENT l2ald-rtb-mac-limit-wm (#PCDATA)>

<!ELEMENT l2ald-rtb-macdb (l2ald-macdb-rtb-name | l2ald-mac-entry)*>

```

```
<!ELEMENT 12ald-sequence-number (#PCDATA)>

<!ELEMENT 12ald-server-mvrp-ct (#PCDATA)>

<!ELEMENT 12ald-server-mvrp-join-ct (#PCDATA)>

<!ELEMENT 12ald-server-mvrp-leave-ct (#PCDATA)>

<!ELEMENT 12ald-server-non-mvrp-ct (#PCDATA)>

<!ELEMENT 12ald-software-mac-learn-toggle-count (#PCDATA)>

<!ELEMENT 12ald-software-mac-learning-status (#PCDATA)>

<!ELEMENT 12ald-statistics-status (#PCDATA)>

<!ELEMENT 12ald-statistics-toggle-count (#PCDATA)>

<!ELEMENT 12ald-total-intf-mac-count (#PCDATA)>

<!ELEMENT 12ald-vpls-flood-event-info (event-name | event-type | event-owner |
event-op | event-error)*>
<!ATTLIST 12ald-vpls-flood-event-info junos:style CDATA #IMPLIED>

<!ELEMENT 12ald-vpls-flood-event-list (12ald-vpls-flood-event-info)*>

<!ELEMENT 12ald-vpls-flood-event-queue (12ald-vpls-flood-next-event |
12ald-vpls-flood-event-list)*>

<!ELEMENT 12ald-vpls-flood-instance (12ald-vpls-lr-information)*>

<!ELEMENT 12ald-vpls-flood-instance-information (instance-name | bridging-domain
| num-active-ce-iffs | num-active-ve-iffs | bridge-domain-name | flood-route)*>
<!ATTLIST 12ald-vpls-flood-instance-information junos:style CDATA #IMPLIED>

<!ELEMENT 12ald-vpls-flood-next-event (12ald-vpls-flood-event-info)*>

<!ELEMENT 12ald-vpls-flood-route-information (flood-route)*>

<!ELEMENT 12ald-vpls-lr-information (logical-system-info |
12ald-vpls-flood-instance-information)*>

<!ELEMENT 12bd-id (#PCDATA)>

<!ELEMENT 12bd-vlan-id (#PCDATA)>

<!ELEMENT 12pbbn-bvlan (#PCDATA)>

<!ELEMENT 12pbbn-flags (#PCDATA)>

<!ELEMENT 12pbbn-generation (#PCDATA)>

<!ELEMENT 12pbbn-handle (#PCDATA)>

<!ELEMENT 12pbbn-isid (#PCDATA)>

<!ELEMENT 12pbbn-logical-system (#PCDATA)>

<!ELEMENT 12pbbn-mac-address (#PCDATA)>
```

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<!ELEMENT 12pbbn-pbbn-bd (#PCDATA)>
<!ELEMENT 12pbbn-pbbn-bd-index (#PCDATA)>
<!ELEMENT 12pbbn-pbn-bd (#PCDATA)>
<!ELEMENT 12pbbn-pbn-bd-index (#PCDATA)>
<!ELEMENT 12pbbn-rtb (#PCDATA)>
<!ELEMENT 12pbbn-rtb-bb (#PCDATA)>
<!ELEMENT 12pbbn-rtb-pbbn-id (#PCDATA)>
<!ELEMENT 12pbbn-sequence-number (#PCDATA)>
<!ELEMENT 12pbbn-svlan (#PCDATA)>
<!ELEMENT 12pbn-bridging-domain (#PCDATA)>
<!ELEMENT 12pbn-bvlan (#PCDATA)>
<!ELEMENT 12pbn-flags (#PCDATA)>
<!ELEMENT 12pbn-generation (#PCDATA)>
<!ELEMENT 12pbn-handle (#PCDATA)>
<!ELEMENT 12pbn-isid (#PCDATA)>
<!ELEMENT 12pbn-logical-system (#PCDATA)>
<!ELEMENT 12pbn-mac-address (#PCDATA)>
<!ELEMENT 12pbn-pbbn-bd (#PCDATA)>
<!ELEMENT 12pbn-pbbn-bd-index (#PCDATA)>
<!ELEMENT 12pbn-pbn-bd (#PCDATA)>
<!ELEMENT 12pbn-pbn-bd-index (#PCDATA)>
<!ELEMENT 12pbn-rtb (#PCDATA)>
<!ELEMENT 12pbn-rtb-bb (#PCDATA)>
<!ELEMENT 12pbn-sequence-number (#PCDATA)>
<!ELEMENT 12pbn-svlan (#PCDATA)>
<!ELEMENT 12rtb-active-rg-id (#PCDATA)>
<!ELEMENT 12rtb-active-service-id (#PCDATA)>
<!ELEMENT 12rtb-bridge-vlan (#PCDATA)>
<!ELEMENT 12rtb-bridging-domain (#PCDATA)>
<!ELEMENT 12rtb-brief-summary EMPTY>
<!ELEMENT 12rtb-config-bd-vlan (#PCDATA)>
```

```
<!ELEMENT 12rtb-config-flags (#PCDATA)>
<!ELEMENT 12rtb-config-mvrp-ref-count (#PCDATA)>
<!ELEMENT 12rtb-config-operation (#PCDATA)>
<!ELEMENT 12rtb-config-ownership-flags (#PCDATA)>
<!ELEMENT 12rtb-config-params (#PCDATA)>
<!ELEMENT 12rtb-config-smac-count (#PCDATA)>
<!ELEMENT 12rtb-config-smacs-learned (#PCDATA)>
<!ELEMENT 12rtb-configured-rg-id (#PCDATA)>
<!ELEMENT 12rtb-configured-service-id (#PCDATA)>
<!ELEMENT 12rtb-flags (#PCDATA)>
<!ELEMENT 12rtb-handle (#PCDATA)>
<!ELEMENT 12rtb-id (#PCDATA)>
<!ELEMENT 12rtb-instance-description (#PCDATA)>
<!ELEMENT 12rtb-instance-flags (#PCDATA)>
<!ELEMENT 12rtb-instance-pathse1-timeout (#PCDATA)>
<!ELEMENT 12rtb-instance-restart-state (#PCDATA)>
<!ELEMENT 12rtb-instance-state (#PCDATA)>
<!ELEMENT 12rtb-instance-type (#PCDATA)>
<!ELEMENT 12rtb-interface-name (#PCDATA)>
<!ELEMENT 12rtb-irb-interface (#PCDATA)>
<!ELEMENT 12rtb-irb-interface-index (#PCDATA)>
<!ELEMENT 12rtb-12irb-if1-index (#PCDATA)>
<!ELEMENT 12rtb-logical-system (#PCDATA)>
<!ELEMENT 12rtb-mac-limit (#PCDATA)>
<!ELEMENT 12rtb-macs-learned (#PCDATA)>
<!ELEMENT 12rtb-name (#PCDATA)>
<!ELEMENT 12rtb-non-config-smacs-learned (#PCDATA)>
<!ELEMENT 12rtb-ownership-flags (#PCDATA)>
<!ELEMENT 12rtb-peer-pbbn-rtb-id (#PCDATA)>
<!ELEMENT 12rtb-rtsock-write-errors (#PCDATA)>
```



```
<!ELEMENT l2rtb-sequence-number (#PCDATA)>
<!ELEMENT learn-vlan (#PCDATA)>
<!ELEMENT local-interface-index (#PCDATA)>
<!ELEMENT logical-system-info (logical-system-name)*>
<!ELEMENT logical-system-name (#PCDATA)>
<!ELEMENT mac-count (#PCDATA)>
<!ELEMENT mac-limit (#PCDATA)>
<!ELEMENT multicast-bytes (#PCDATA)>
<!ELEMENT multicast-packets (#PCDATA)>
<!ELEMENT nhindex (#PCDATA)>
<!ELEMENT nhtype (#PCDATA)>
<!ELEMENT num-active-ce-iffs (#PCDATA)>
<!ELEMENT num-active-ve-iffs (#PCDATA)>
<!ELEMENT num-mac-count (#PCDATA)>
<!ELEMENT owner (#PCDATA)>
<!ELEMENT packet-count (#PCDATA)>
<!ELEMENT perf-count (#PCDATA)>
<!ELEMENT perf-desc (#PCDATA)>
<!ELEMENT perf-diff-time-sec (#PCDATA)>
<!ELEMENT perf-diff-time-usec (#PCDATA)>
<!ELEMENT perf-end-time-sec (#PCDATA)>
<!ELEMENT perf-end-time-usec (#PCDATA)>
<!ELEMENT perf-start-time-sec (#PCDATA)>
<!ELEMENT perf-start-time-usec (#PCDATA)>
<!ELEMENT remote-pe (#PCDATA)>
<!ELEMENT route-flood-group-index (#PCDATA)>
<!ELEMENT route-flood-group-name (#PCDATA)>
<!ELEMENT route-prefix (#PCDATA)>
<!ELEMENT route-type (#PCDATA)>
<!ELEMENT rtb-mac-count (#PCDATA)>
<!ELEMENT rtb-name (#PCDATA)>
```

<!ELEMENT unicast-bytes (#PCDATA)>

<!ELEMENT unicast-packets (#PCDATA)>

CHAPTER 50

DTD for L2CP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-l2cp.dtd`, which lists the Junos XML tags that contain information about L2CP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-l2cp.dtd -->

<!ELEMENT administrative-mode (#PCDATA)>

<!ELEMENT administrative-state (#PCDATA)>

<!ELEMENT aps-event (#PCDATA)>

<!ELEMENT aps-state (#PCDATA)>

<!ELEMENT authentication-failed-interface (#PCDATA)>

<!ELEMENT authentication-failed-mac-addr (#PCDATA)>

<!ELEMENT authentication-failed-user (#PCDATA)>

<!ELEMENT boundary-port (#PCDATA)>

<!ELEMENT bpdu-destination-mac-address (#PCDATA)>

<!ELEMENT bpdus-received-5seconds (#PCDATA)>

<!ELEMENT bpdus-sent-5seconds (#PCDATA)>

<!ELEMENT bridge-mac (#PCDATA)>

<!ELEMENT bridge-priority (#PCDATA)>

<!ELEMENT cist-bridge-parameters (cist-id | root-bridge | root-port | root-cost
| regional-root-bridge | internal-root-cost | hello-time-learned | max-age-learned
| forward-delay-learned | msg-age | hop-count | time-since-last-tc |
topology-change-count | extended-system-id | this-bridge | hello-time-configured
| max-age-configured | forward-delay-configured | max-hop-count-configured |
path-cost-method)*>

<!ELEMENT cist-id (#PCDATA)>
```

```
<!ELEMENT control-channel-name (#PCDATA)>

<!ELEMENT data-channel-forward-state (#PCDATA)>

<!ELEMENT data-channel-interface-name (#PCDATA)>

<!ELEMENT data-channel-stp-index (#PCDATA)>

<!ELEMENT designated-bridge-mac (#PCDATA)>
<!--ATTLIST designated-bridge-mac junos:format CDATA #IMPLIED-->

<!ELEMENT designated-bridge-priority (#PCDATA)>

<!ELEMENT designated-port-number (#PCDATA)>
<!--ATTLIST designated-port-number junos:format CDATA #IMPLIED-->

<!ELEMENT designated-port-priority (#PCDATA)>

<!ELEMENT dnf-flag (#PCDATA)>

<!ELEMENT dot1x-authentication-failed-users (authentication-failed-interface |
authentication-failed-mac-addr | authentication-failed-user)*>

<!ELEMENT dot1x-interface-information (interface | dot1x-static-mac-address |
dot1x-authentication-failed-users)*>

<!ELEMENT dot1x-static-mac-address (static-mac-address | static-mac-vlan-assignment
| static-mac-interface)*>

<!ELEMENT epoch (#PCDATA)>

<!ELEMENT erp-data-channel-entry (data-channel-interface-name |
data-channel-stp-index | data-channel-forward-state)*>

<!ELEMENT erp-data-channel-information (erp-data-channels)*>

<!ELEMENT erp-data-channel-interfaces (erp-data-channel-entry)*>
<!--ATTLIST erp-data-channel-interfaces junos:style CDATA #IMPLIED-->

<!ELEMENT erp-data-channel-protection-group-name (#PCDATA)>

<!ELEMENT erp-data-channels (erp-data-channel-protection-group-name |
erp-data-channel-interfaces)*>

<!ELEMENT erp-ifbd-bridge-domain (#PCDATA)>

<!ELEMENT erp-ifbd-entries (erp-ifbd-entry)*>
<!--ATTLIST erp-ifbd-entries junos:style CDATA #IMPLIED-->

<!ELEMENT erp-ifbd-entry (erp-ifbd-interface-name | erp-ifbd-vlan |
erp-ifbd-stp-index | erp-ifbd-bridge-domain)*>

<!ELEMENT erp-ifbd-information (erp-ifbds)*>

<!ELEMENT erp-ifbd-interface-name (#PCDATA)>

<!ELEMENT erp-ifbd-protection-group-name (#PCDATA)>

<!ELEMENT erp-ifbd-stp-index (#PCDATA)>

<!ELEMENT erp-ifbd-vlan (#PCDATA)>
```

```

<!ELEMENT erp-ifbds (erp-ifbd-protection-group-name | erp-ifbd-entries)*>

<!ELEMENT erp-interface-entry (erp-interface-name | control-channel-name |
forward-state | rpl-end | sf-flag | interface-state)*>

<!ELEMENT erp-interface-information (ethernet-ring-pg)*>

<!ELEMENT erp-interface-name (#PCDATA)>

<!ELEMENT erp-interfaces (erp-interface-entry)*>
<!ATTLIST erp-interfaces junos:style CDATA #IMPLIED>

<!ELEMENT erp-protection-group-name (#PCDATA)>

<!ELEMENT erp-raps (erp-raps-entry)*>
<!ATTLIST erp-raps junos:style CDATA #IMPLIED>

<!ELEMENT erp-raps-entry (protection-group-name | aps-state | aps-event | rpl-owner
| wtr-timer | guard-timer | operation-state)*>

<!ELEMENT erp-raps-information (erp-raps)*>

<!ELEMENT erp-rpdu-entry (protection-group-name | request-state | dnf-flag |
rb-flag | originator | remote-node-id)*>

<!ELEMENT erp-rpdu-information (erp-rpdus)*>

<!ELEMENT erp-rpdus (erp-rpdu-entry)*>
<!ATTLIST erp-rpdus junos:style CDATA #IMPLIED>

<!ELEMENT ethernet-ring-pg (erp-protection-group-name | erp-interfaces)*>

<!ELEMENT ethernet-ring-statistics (protection-group-name | raps-event-sent |
raps-event-received | raps-local-sf | raps-remote-sf | raps-nr | raps-nr-rb)*>

<!ELEMENT extended-system-id (#PCDATA)>

<!ELEMENT forward-delay-configured (#PCDATA)>

<!ELEMENT forward-delay-learned (#PCDATA)>

<!ELEMENT forward-state (#PCDATA)>

<!ELEMENT frame-control (#PCDATA)>

<!ELEMENT guard-timer (#PCDATA)>

<!ELEMENT guest-vlan (#PCDATA)>

<!ELEMENT hardware-learning (#PCDATA)>

<!ELEMENT hello-time-configured (#PCDATA)>

<!ELEMENT hello-time-learned (#PCDATA)>

<!ELEMENT hop-count (#PCDATA)>

<!ELEMENT interface (user-name | user-mac-address | role | state |
administrative-state | administrative-mode | number-of-retries | quiet-period |
transmit-period | reauthentication | reauthentication-interval | supplicant-timeout

```

```
    | server-timeout | max-eapol-request | frame-control | guest-vlan |
    number-of-authentication-bypassed-clients | static-mac-bypass |
    number-of-connected-suplicants | reauthentication-due)*>
<!ATTLIST interface junos:style CDATA #IMPLIED>

<!ELEMENT interface-state (#PCDATA)>

<!ELEMENT internal-root-cost (#PCDATA)>

<!ELEMENT kernel-action (#PCDATA)>

<!ELEMENT kernel-if-name (#PCDATA)>

<!ELEMENT kernel-state (#PCDATA)>

<!ELEMENT kernel-stp-instance (#PCDATA)>

<!ELEMENT l2pt-interface-entry (protocols)*>

<!ELEMENT l2pt-interface-list (l2pt-interface-entry)*>

<!ELEMENT link-type (#PCDATA)>

<!ELEMENT max-age-configured (#PCDATA)>

<!ELEMENT max-age-learned (#PCDATA)>

<!ELEMENT max-eapol-request (#PCDATA)>

<!ELEMENT max-hop-count-configured (#PCDATA)>

<!ELEMENT message-type (#PCDATA)>

<!ELEMENT mmrp-applicant-entry (mmrp-applicant-mac-address |
mmrp-applicant-interface-name | mmrp-applicant-state)*>

<!ELEMENT mmrp-applicant-entry-information (mmrp-applicant-entry)*>
<!ATTLIST mmrp-applicant-entry-information junos:style CDATA #IMPLIED>

<!ELEMENT mmrp-applicant-information (mmrp-applicant-mmrp-instance)*>

<!ELEMENT mmrp-applicant-instance-name (#PCDATA)>

<!ELEMENT mmrp-applicant-interface-name (#PCDATA)>

<!ELEMENT mmrp-applicant-mac-address (#PCDATA)>
<!ATTLIST mmrp-applicant-mac-address junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-applicant-mmrp-instance (mmrp-applicant-instance-name |
mmrp-applicant-entry-information)*>

<!ELEMENT mmrp-applicant-state (#PCDATA)>

<!ELEMENT mmrp-interface-entry (mmrp-interface-interface-name |
mmrp-interface-state)*>

<!ELEMENT mmrp-interface-entry-information (mmrp-interface-entry)*>

<!ELEMENT mmrp-interface-information (mmrp-interface-mmrp-instance)*>

<!ELEMENT mmrp-interface-instance-name (#PCDATA)>
```

```

<!ELEMENT mmrp-interface-interface-name (#PCDATA)>

<!ELEMENT mmrp-interface-mmrp-instance (mmrp-interface-instance-name |
mmrp-interface-entry-information)*>

<!ELEMENT mmrp-interface-state (#PCDATA)>

<!ELEMENT mmrp-maclist-entry (mmrp-maclist-mac-address | mmrp-maclist-mac-type |
mmrp-maclist-mac-isid | mmrp-maclist-mac-map_count)*>

<!ELEMENT mmrp-maclist-entry-information (mmrp-maclist-entry)*>

<!ELEMENT mmrp-maclist-information (mmrp-maclist-mmrp-instance)*>

<!ELEMENT mmrp-maclist-instance-name (#PCDATA)>

<!ELEMENT mmrp-maclist-mac-address (#PCDATA)>
<ATTLIST mmrp-maclist-mac-address junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-maclist-mac-isid (#PCDATA)>
<ATTLIST mmrp-maclist-mac-isid junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-maclist-mac-map_count (#PCDATA)>

<!ELEMENT mmrp-maclist-mac-type (#PCDATA)>
<ATTLIST mmrp-maclist-mac-type junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-maclist-mmrp-instance (mmrp-maclist-instance-name |
mmrp-maclist-entry-information)*>

<!ELEMENT mmrp-mactable-bridge-domain-name (#PCDATA)>

<!ELEMENT mmrp-mactable-entry (mmrp-mactable-mac-address | mmrp-mactable-nexthop
| mmrp-mactable-token | mmrp-mactable-interface)*>

<!ELEMENT mmrp-mactable-entry-information (mmrp-mactable-entry)*>

<!ELEMENT mmrp-mactable-information (mmrp-mactable-mmrp-instance)*>

<!ELEMENT mmrp-mactable-instance-name (#PCDATA)>

<!ELEMENT mmrp-mactable-interface (mmrp-mactable-interface-name |
mmrp-mactable-interface-action)*>

<!ELEMENT mmrp-mactable-interface-action (#PCDATA)>

<!ELEMENT mmrp-mactable-interface-name (#PCDATA)>

<!ELEMENT mmrp-mactable-mac-address (#PCDATA)>
<ATTLIST mmrp-mactable-mac-address junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-mactable-mmrp-instance (mmrp-mactable-instance-name |
mmrp-mactable-bridge-domain-name | mmrp-mactable-vlan-id |
mmrp-mactable-entry-information)*>
<ATTLIST mmrp-mactable-mmrp-instance junos:style CDATA #IMPLIED>

<!ELEMENT mmrp-mactable-nexthop (#PCDATA)>

<!ELEMENT mmrp-mactable-token (#PCDATA)>

```

```
<!ELEMENT mmrp-mactable-vlan-id (#PCDATA)>

<!ELEMENT mmrp-registration-entry (mmrp-registration-mac-address |
mmrp-registration-interface-name | mmrp-registration-state |
mmrp-registration-forced-state | mmrp-registration-manage-state |
mmrp-registration-stp-state)*>

<!ELEMENT mmrp-registration-entry-information (mmrp-registration-entry)*>
<!ATTLIST mmrp-registration-entry-information junos:style CDATA #IMPLIED>

<!ELEMENT mmrp-registration-forced-state (#PCDATA)>

<!ELEMENT mmrp-registration-information (mmrp-registration-mmrp-instance)*>

<!ELEMENT mmrp-registration-instance-name (#PCDATA)>

<!ELEMENT mmrp-registration-interface-name (#PCDATA)>

<!ELEMENT mmrp-registration-mac-address (#PCDATA)>
<!ATTLIST mmrp-registration-mac-address junos:format CDATA #IMPLIED>

<!ELEMENT mmrp-registration-manage-state (#PCDATA)>

<!ELEMENT mmrp-registration-mmrp-instance (mmrp-registration-instance-name |
mmrp-registration-entry-information)*>

<!ELEMENT mmrp-registration-state (#PCDATA)>

<!ELEMENT mmrp-registration-stp-state (#PCDATA)>

<!ELEMENT mmrp-statistics-entry (mmrp-statistics-interface-name |
mmrp-statistics-mac-registered | mmrp-statistics-sent-pdu |
mmrp-statistics-received-pdu | mmrp-statistics-error-pdu)*>

<!ELEMENT mmrp-statistics-entry-information (mmrp-statistics-entry)*>

<!ELEMENT mmrp-statistics-error-pdu (#PCDATA)>

<!ELEMENT mmrp-statistics-information (mmrp-statistics-mmrp-instance)*>

<!ELEMENT mmrp-statistics-instance-name (#PCDATA)>

<!ELEMENT mmrp-statistics-interface-name (#PCDATA)>

<!ELEMENT mmrp-statistics-mac-registered (#PCDATA)>

<!ELEMENT mmrp-statistics-mmrp-instance (mmrp-statistics-instance-name |
mmrp-statistics-entry-information)*>

<!ELEMENT mmrp-statistics-received-pdu (#PCDATA)>

<!ELEMENT mmrp-statistics-sent-pdu (#PCDATA)>

<!ELEMENT msg-age (#PCDATA)>

<!ELEMENT msti-bridge-parameters (msti-id | msti-regional-root-bridge | root-port
| root-cost | hello-time-learned | max-age-learned | forward-delay-learned |
max-hop-count-configured | hop-count | time-since-last-tc | topology-change-count
| extended-system-id | this-bridge | hello-time-configured | max-age-configured
| forward-delay-configured | path-cost-method)*>
```



```
<!ELEMENT msti-id (#PCDATA)>

<!ELEMENT msti-regional-root-bridge (bridge-priority | bridge-mac)*>

<!ELEMENT mstp-configuration (mstp-name | mstp-revision | mstp-configuration-digest
| vlan-map)*>

<!ELEMENT mstp-configuration-digest (#PCDATA)>

<!ELEMENT mstp-name (#PCDATA)>

<!ELEMENT mstp-revision (#PCDATA)>

<!ELEMENT mvrp-applicant-information (mvrp-applicant-instance)*>

<!ELEMENT mvrp-applicant-instance (mvrp-routing-instance-name |
mvrp-applicant-vlan-entry)*>

<!ELEMENT mvrp-applicant-interface-entry (mvrp-interface-name |
mvrp-applicant-state)*>

<!ELEMENT mvrp-applicant-state (#PCDATA)>

<!ELEMENT mvrp-applicant-vlan-entry (mvrp-vlan-id |
mvrp-applicant-interface-entry)*>

<!ELEMENT mvrp-bpdu-mac-address (#PCDATA)>

<!ELEMENT mvrp-clear-statistics (#PCDATA)>

<!ELEMENT mvrp-dynamic-vlan (#PCDATA)>

<!ELEMENT mvrp-fixed-registration EMPTY>

<!ELEMENT mvrp-information (mvrp-information-entry)*>

<!ELEMENT mvrp-information-entry (mvrp-routing-instance-name | mvrp-dynamic-vlan
| mvrp-bpdu-mac-address | mvrp-interface-timers)*>

<!ELEMENT mvrp-interface-applicant-mode (#PCDATA)>

<!ELEMENT mvrp-interface-entry (mvrp-interface-name | mvrp-interface-status |
mvrp-interface-registration-mode | mvrp-interface-applicant-mode)*>

<!ELEMENT mvrp-interface-information (mvrp-interface-instance)*>

<!ELEMENT mvrp-interface-instance (mvrp-routing-instance-name |
mvrp-interface-entry)*>

<!ELEMENT mvrp-interface-name (#PCDATA)>

<!ELEMENT mvrp-interface-registration-mode (#PCDATA)>

<!ELEMENT mvrp-interface-statistics (mvrp-statistics-instance)*>

<!ELEMENT mvrp-interface-status (#PCDATA)>

<!ELEMENT mvrp-interface-timers (mvrp-interface-name | mvrp-timer-join |
mvrp-timer-leave | mvrp-timer-leaveall)*>

<!ELEMENT mvrp-registration-forced-state (#PCDATA)>
```

```
<!ELEMENT mvrp-registration-information (mvrp-registration-instance)*>

<!ELEMENT mvrp-registration-instance (mvrp-routing-instance-name |
mvrp-registration-vlan-entry)*>

<!ELEMENT mvrp-registration-interface-entry (mvrp-interface-name |
mvrp-registration-state | mvrp-registration-forced-state |
mvrp-registration-manage-state | mvrp-registration-stp-state)*>

<!ELEMENT mvrp-registration-manage-state (#PCDATA)>

<!ELEMENT mvrp-registration-state (#PCDATA)>

<!ELEMENT mvrp-registration-stp-state (#PCDATA)>

<!ELEMENT mvrp-registration-vlan-entry (mvrp-vlan-id |
mvrp-registration-interface-entry)*>

<!ELEMENT mvrp-routing-instance-name (#PCDATA)>

<!ELEMENT mvrp-static-vlan EMPTY>

<!ELEMENT mvrp-statistics-error-pdu (#PCDATA)>

<!ELEMENT mvrp-statistics-instance (mvrp-routing-instance-name |
mvrp-statistics-interface-entry)*>

<!ELEMENT mvrp-statistics-interface-entry (mvrp-interface-name |
mvrp-statistics-vlan-registered | mvrp-statistics-sent-pdu |
mvrp-statistics-received-pdu | mvrp-statistics-error-pdu)*>

<!ELEMENT mvrp-statistics-received-pdu (#PCDATA)>

<!ELEMENT mvrp-statistics-sent-pdu (#PCDATA)>

<!ELEMENT mvrp-statistics-vlan-registered (#PCDATA)>

<!ELEMENT mvrp-timer-join (#PCDATA)>

<!ELEMENT mvrp-timer-leave (#PCDATA)>

<!ELEMENT mvrp-timer-leaveall (#PCDATA)>

<!ELEMENT mvrp-vlan-entry (mvrp-vlan-id | mvrp-static-vlan |
mvrp-vlan-interface-entry)*>

<!ELEMENT mvrp-vlan-id (#PCDATA)>

<!ELEMENT mvrp-vlan-information (mvrp-vlan-instance)*>

<!ELEMENT mvrp-vlan-instance (mvrp-routing-instance-name | mvrp-vlan-entry)*>

<!ELEMENT mvrp-vlan-interface-entry (mvrp-interface-name |
mvrp-fixed-registration)*>

<!ELEMENT next-bpdu-time (#PCDATA)>

<!ELEMENT number-of-authentication-bypassed-clients (#PCDATA)>

<!ELEMENT number-of-connected-suplicants (#PCDATA)>
```

```
<!ELEMENT number-of-retries (#PCDATA)>

<!ELEMENT operation-state (#PCDATA)>

<!ELEMENT originator (#PCDATA)>

<!ELEMENT path-cost-method (#PCDATA)>

<!ELEMENT port-cost (#PCDATA)>

<!ELEMENT port-migrated-protocol (#PCDATA)>

<!ELEMENT port-priority (#PCDATA)>

<!ELEMENT port-role (#PCDATA)>

<!ELEMENT port-state (#PCDATA)>

<!ELEMENT protection-group-name (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT protocols (#PCDATA)>

<!ELEMENT quiet-period (#PCDATA)>

<!ELEMENT raps-event-received (#PCDATA)>

<!ELEMENT raps-event-sent (#PCDATA)>

<!ELEMENT raps-local-sf (#PCDATA)>

<!ELEMENT raps-nr (#PCDATA)>

<!ELEMENT raps-nr-rb (#PCDATA)>

<!ELEMENT raps-remote-sf (#PCDATA)>

<!ELEMENT rb-flag (#PCDATA)>

<!ELEMENT reauthentication (#PCDATA)>

<!ELEMENT reauthentication-due (#PCDATA)>

<!ELEMENT reauthentication-interval (#PCDATA)>

<!ELEMENT regional-root-bridge (bridge-priority | bridge-mac)*>

<!ELEMENT remote-node-id (#PCDATA)>
<!ATTLIST remote-node-id junos:format CDATA #IMPLIED>

<!ELEMENT request-state (#PCDATA)>

<!ELEMENT role (#PCDATA)>

<!ELEMENT root-bridge (bridge-priority | bridge-mac)*>

<!ELEMENT root-cost (#PCDATA)>

<!ELEMENT root-port (#PCDATA)>
```

```
<!ELEMENT routing-instance-name (#PCDATA)>

<!ELEMENT rpl-end (#PCDATA)>

<!ELEMENT rpl-owner (#PCDATA)>

<!ELEMENT server-timeout (#PCDATA)>

<!ELEMENT sf-flag (#PCDATA)>

<!ELEMENT state (#PCDATA)>

<!ELEMENT static-mac-address (#PCDATA)>

<!ELEMENT static-mac-bypass (#PCDATA)>

<!ELEMENT static-mac-interface (#PCDATA)>

<!ELEMENT static-mac-vlan-assignment (#PCDATA)>

<!ELEMENT stp-bridge (routing-instance-name | bpdus-destination-mac-address |
protocol | cist-bridge-parameters | msti-bridge-parameters |
vst-bridge-parameters)*>

<!ELEMENT stp-context-statistics-information (message-type | total-bpdus-sent |
total-bpdus-received | bpdus-sent-5seconds | bpdus-received-5seconds |
vstp-statistics)*>

<!ELEMENT stp-index (#PCDATA)>

<!ELEMENT stp-instance (stp-interfaces)*>

<!ELEMENT stp-interface-entry (port-priority | designated-port-priority |
designated-port-number | port-cost | port-state | designated-bridge-priority |
designated-bridge-mac | port-role | link-type | port-migrated-protocol |
boundary-port)*>

<!ELEMENT stp-interface-information (stp-instance)*>

<!ELEMENT stp-interface-statistics (stp-interface-statistics-entry |
vstp-interface-statistics)*>

<!ELEMENT stp-interface-statistics-entry (total-bpdus-sent | total-bpdus-received
| next-bpdu-time)*>

<!ELEMENT stp-interfaces (stp-interface-entry)*>
<!--ATTLIST stp-interfaces junos:style CDATA #IMPLIED-->

<!ELEMENT stp-kernel-table (stp-kernel-table-entry)*>

<!ELEMENT stp-kernel-table-entry (stp-index | kernel-if-name | kernel-stp-instance
| kernel-state | kernel-action | epoch | hardware-learning | vpls-flush-sequence
| stp-peer-ip)*>

<!ELEMENT stp-peer-ip (#PCDATA)>

<!ELEMENT supplicant-timeout (#PCDATA)>

<!ELEMENT task (task-name | task-no-information | task-timer)*>
```

```

<!ELEMENT task-block (tb-name | tb-size | tb-alloc-size | tb-terse-transient |
tb-terse-fullpage | tb-terse-debug | tb-alloc-blocks | tb-alloc-bytes |
tb-max-alloc-blocks | tb-max-alloc-bytes)*>

<!ELEMENT task-block-list (task-block)*>

<!ELEMENT task-gres-state (#PCDATA)>

<!ELEMENT task-information (task)*>

<!ELEMENT task-lite-page (tlp-name | tlp-alloc-pages | tlp-alloc-bytes |
tlp-max-alloc-pages | tlp-max-alloc-bytes)*>

<!ELEMENT task-lite-page-list (task-lite-page)*>

<!ELEMENT task-malloc (tm-name | tm-allocs | tm-alloc-bytes | tm-max-allocs |
tm-max-alloc-bytes | tm-function-calls)*>

<!ELEMENT task-malloc-list (task-malloc)*>

<!ELEMENT task-memory-allocator-report (task-block-list | task-lite-page-list |
task-memory-total-bytes | task-memory-total-max-bytes)*>

<!ELEMENT task-memory-bss-bytes (#PCDATA)>

<!ELEMENT task-memory-dir-bytes (#PCDATA)>

<!ELEMENT task-memory-dynamic-allocs (#PCDATA)>

<!ELEMENT task-memory-free-size (#PCDATA)>

<!ELEMENT task-memory-in-use-avail (#PCDATA)>

<!ELEMENT task-memory-in-use-size (#PCDATA)>

<!ELEMENT task-memory-information (task-memory-in-use-size |
task-memory-in-use-avail | task-memory-max-size | task-memory-max-avail |
task-memory-max-when | task-memory-free-size | task-memory-overall-report |
task-memory-allocator-report | task-memory-malloc-usage-report |
task-memory-dynamic-allocs | task-memory-max-dynamic-allocs | task-memory-bss-bytes
| task-memory-max-bss-bytes | task-memory-page-data-bytes |
task-memory-max-page-data-bytes | task-memory-dir-bytes | task-memory-max-dir-bytes
| task-memory-total-bytes-in-use | task-memory-total-bytes-percent)*>
<!ATTLIST task-memory-information junos:style CDATA #IMPLIED>

<!ELEMENT task-memory-malloc-usage-report (task-malloc-list |
task-memory-total-bytes | task-memory-total-max-bytes)*>

<!ELEMENT task-memory-max-avail (#PCDATA)>

<!ELEMENT task-memory-max-bss-bytes (#PCDATA)>

<!ELEMENT task-memory-max-dir-bytes (#PCDATA)>

<!ELEMENT task-memory-max-dynamic-allocs (#PCDATA)>

<!ELEMENT task-memory-max-page-data-bytes (#PCDATA)>

<!ELEMENT task-memory-max-size (#PCDATA)>

<!ELEMENT task-memory-max-when (#PCDATA)>

```

```
<!ELEMENT task-memory-overall-report (task-size-block-list | task-memory-stats-list
| task-memory-total-bytes | task-memory-total-max-bytes |
task-memory-total-free-bytes)*>

<!ELEMENT task-memory-page-data-bytes (#PCDATA)>

<!ELEMENT task-memory-stats (tms-name | tms-allocs | tms-mallocs | tms-alloc-bytes
| tms-max-allocs | tms-max-bytes | tms-free-bytes)*>

<!ELEMENT task-memory-stats-list (task-memory-stats)*>

<!ELEMENT task-memory-total-bytes (#PCDATA)>

<!ELEMENT task-memory-total-bytes-in-use (#PCDATA)>

<!ELEMENT task-memory-total-bytes-percent (#PCDATA)>

<!ELEMENT task-memory-total-free-bytes (#PCDATA)>

<!ELEMENT task-memory-total-max-bytes (#PCDATA)>

<!ELEMENT task-name (#PCDATA)>

<!ELEMENT task-no-information EMPTY>

<!ELEMENT task-protocol-replication-name (#PCDATA)>

<!ELEMENT task-protocol-replication-state (#PCDATA)>

<!ELEMENT task-re-mode (#PCDATA)>

<!ELEMENT task-replication-state (task-gres-state | task-re-mode |
task-protocol-replication-state | task-protocol-replication-name)*>

<!ELEMENT task-size-block (tsb-size | tsb-terse-transient | tsb-terse-fullpage |
tsb-allocs | tsb-mallocs | tsb-alloc-bytes | tsb-max-allocs | tsb-max-bytes |
tsb-free-bytes)*>

<!ELEMENT task-size-block-list (task-size-block)*>

<!ELEMENT task-timer (timer-name | timer-late | timer-expires | timer-jitter |
timer-interval | timer-flags)*>

<!ELEMENT task-timer-information (task)*>

<!ELEMENT tb-alloc-blocks (#PCDATA)>

<!ELEMENT tb-alloc-bytes (#PCDATA)>

<!ELEMENT tb-alloc-size (#PCDATA)>

<!ELEMENT tb-max-alloc-blocks (#PCDATA)>

<!ELEMENT tb-max-alloc-bytes (#PCDATA)>

<!ELEMENT tb-name (#PCDATA)>

<!ELEMENT tb-size (#PCDATA)>

<!ELEMENT tb-terse-debug EMPTY>
```

```
<!ELEMENT tb-terse-fullpage EMPTY>

<!ELEMENT tb-terse-transient EMPTY>

<!ELEMENT this-bridge (bridge-priority | bridge-mac)*>

<!ELEMENT time-since-last-tc (#PCDATA)>

<!ELEMENT timer-expires (#PCDATA)>

<!ELEMENT timer-flags (#PCDATA)>

<!ELEMENT timer-interval (#PCDATA)>

<!ELEMENT timer-jitter (#PCDATA)>

<!ELEMENT timer-late EMPTY>

<!ELEMENT timer-name (#PCDATA)>

<!ELEMENT tlp-alloc-bytes (#PCDATA)>

<!ELEMENT tlp-alloc-pages (#PCDATA)>

<!ELEMENT tlp-max-alloc-bytes (#PCDATA)>

<!ELEMENT tlp-max-alloc-pages (#PCDATA)>

<!ELEMENT tlp-name (#PCDATA)>

<!ELEMENT tm-alloc-bytes (#PCDATA)>

<!ELEMENT tm-allocs (#PCDATA)>

<!ELEMENT tm-function-calls (#PCDATA)>

<!ELEMENT tm-max-alloc-bytes (#PCDATA)>

<!ELEMENT tm-max-allocs (#PCDATA)>

<!ELEMENT tm-name (#PCDATA)>

<!ELEMENT tms-alloc-bytes (#PCDATA)>

<!ELEMENT tms-allocs (#PCDATA)>

<!ELEMENT tms-free-bytes (#PCDATA)>

<!ELEMENT tms-mallocs (#PCDATA)>

<!ELEMENT tms-max-allocs (#PCDATA)>

<!ELEMENT tms-max-bytes (#PCDATA)>

<!ELEMENT tms-name (#PCDATA)>

<!ELEMENT topology-change-count (#PCDATA)>

<!ELEMENT total-bpdus-received (#PCDATA)>
```

```
<!ELEMENT total-bpdus-sent (#PCDATA)>

<!ELEMENT transmit-period (#PCDATA)>

<!ELEMENT tsb-alloc-bytes (#PCDATA)>

<!ELEMENT tsb-allocs (#PCDATA)>

<!ELEMENT tsb-free-bytes (#PCDATA)>

<!ELEMENT tsb-mallocs (#PCDATA)>

<!ELEMENT tsb-max-allocs (#PCDATA)>

<!ELEMENT tsb-max-bytes (#PCDATA)>

<!ELEMENT tsb-size (#PCDATA)>

<!ELEMENT tsb-terse-fullpage EMPTY>

<!ELEMENT tsb-terse-transient EMPTY>

<!ELEMENT user-mac-address (#PCDATA)>

<!ELEMENT user-name (#PCDATA)>

<!ELEMENT vlan-map (vlan-map-entry)*>

<!ELEMENT vlan-map-entry (msti-id | vlan-string)*>

<!ELEMENT vlan-string (#PCDATA)>

<!ELEMENT vpls-flush-sequence (#PCDATA)>

<!ELEMENT vst-bridge-parameters (root-bridge | root-port | root-cost |
hello-time-learned | max-age-learned | forward-delay-learned | msg-age |
time-since-last-tc | topology-change-count | extended-system-id | this-bridge |
hello-time-configured | max-age-configured | forward-delay-configured |
path-cost-method)*>

<!ELEMENT vstp-interface-statistics (stp-interface-statistics-entry)*>

<!ELEMENT vstp-statistics (message-type | total-bpdus-sent | total-bpdus-received
| bpdus-sent-5seconds | bpdus-received-5seconds)*>

<!ELEMENT wtr-timer (#PCDATA)>
```


CHAPTER 51

DTD for LACPD Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-lacpd.dtd`, which lists the Junos XML tags that contain information about LACPD. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-lacpd.dtd -->

<!ELEMENT aggregate-name (#PCDATA)>

<!ELEMENT clink-state (#PCDATA)>

<!ELEMENT clink-type (#PCDATA)>

<!ELEMENT illegal-rx-packets (#PCDATA)>

<!ELEMENT init-sm-state (#PCDATA)>

<!ELEMENT la-status (#PCDATA)>

<!ELEMENT lacp-activity (#PCDATA)>

<!ELEMENT lacp-aggregation (#PCDATA)>

<!ELEMENT lacp-collecting (#PCDATA)>

<!ELEMENT lacp-defaulted (#PCDATA)>

<!ELEMENT lacp-distributing (#PCDATA)>

<!ELEMENT lacp-expired (#PCDATA)>

<!ELEMENT lacp-interface-information (lag-lacp-header | lag-lacp-info |
lag-lacp-state | lag-lacp-protocol)*>

<!ELEMENT lacp-interface-information-list (lacp-interface-information)*>

<!ELEMENT lacp-interface-statistics (lag-lacp-header | lag-lacp-statistics)*>

<!ELEMENT lacp-interface-statistics-list (lacp-interface-statistics)*>

<!ELEMENT lacp-mux-state (#PCDATA)>
```

```
<!ELEMENT lacp-port-key (#PCDATA)>

<!ELEMENT lacp-port-number (#PCDATA)>

<!ELEMENT lacp-port-priority (#PCDATA)>

<!ELEMENT lacp-receive-state (#PCDATA)>

<!ELEMENT lacp-role (#PCDATA)>

<!ELEMENT lacp-rx-packets (#PCDATA)>

<!ELEMENT lacp-synchronization (#PCDATA)>

<!ELEMENT lacp-sys-priority (#PCDATA)>

<!ELEMENT lacp-system-id (#PCDATA)>

<!ELEMENT lacp-timeout (#PCDATA)>

<!ELEMENT lacp-transmit-state (#PCDATA)>

<!ELEMENT lacp-tx-packets (#PCDATA)>

<!ELEMENT lag-lacp-header (aggregate-name)*>

<!ELEMENT lag-lacp-info (name | lacp-role | lacp-sys-priority | lacp-system-id |
  lacp-port-priority | lacp-port-number | lacp-port-key)*>

<!ELEMENT lag-lacp-protocol (name | lacp-receive-state | lacp-transmit-state |
  lacp-mux-state)*>

<!ELEMENT lag-lacp-state (name | lacp-role | lacp-expired | lacp-defaulted |
  lacp-distributing | lacp-collecting | lacp-synchronization | lacp-aggregation |
  lacp-timeout | lacp-activity)*>

<!ELEMENT lag-lacp-statistics (name | lacp-rx-packets | lacp-tx-packets |
  unknown-rx-packets | illegal-rx-packets)*>

<!ELEMENT local-ip (#PCDATA)>

<!ELEMENT local-logical-interface-state (#PCDATA)>

<!ELEMENT local-state (#PCDATA)>

<!ELEMENT local-status (#PCDATA)>

<!ELEMENT logical-interface (#PCDATA)>

<!ELEMENT mc-ae-clink (local-ip | remote-ip | clink-type | la-status | pa-status
  | clink-state | vc-id)*>

<!ELEMENT mc-ae-ifl-list (logical-interface | topology-type |
  local-logical-interface-state | peer-logical-interface-state | mcp-state)*>

<!ELEMENT mc-ae-status (member-link | init-sm-state | local-status | local-state
  | peer-status | peer-state)*>

<!ELEMENT mc-ae-status-information (mc-ae-status | mc-ae-ifl-list |
  mc-ae-stitching-peer | mc-ae-clink)*>
```

```
<!ELEMENT mc-ae-status-information-list (mc-ae-status-information)*>

<!ELEMENT mc-ae-stitching-peer (stitching-peer)*>

<!ELEMENT mcp-state (#PCDATA)>

<!ELEMENT member-link (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT pa-status (#PCDATA)>

<!ELEMENT peer-logical-interface-state (#PCDATA)>

<!ELEMENT peer-state (#PCDATA)>

<!ELEMENT peer-status (#PCDATA)>

<!ELEMENT remote-ip (#PCDATA)>

<!ELEMENT stitching-peer (#PCDATA)>

<!ELEMENT topology-type (#PCDATA)>

<!ELEMENT unknown-rx-packets (#PCDATA)>

<!ELEMENT vc-id (#PCDATA)>
```


CHAPTER 52

DTD for LFM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-lfm.dtd`, which lists the Junos XML tags that contain information about LFM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-lfm.dtd -->

<!ELEMENT lfmd-action-profile-execution-count (#PCDATA)>

<!ELEMENT lfmd-action-profile-information (lfmd-action-profile-name |
lfmd-action-profile-invoke-count | lfmd-action-profile-execution-count)*>

<!ELEMENT lfmd-action-profile-invoke-count (#PCDATA)>

<!ELEMENT lfmd-action-profile-name (#PCDATA)>

<!ELEMENT lfmd-clear-output (#PCDATA)>

<!ELEMENT lfmd-critical-event-received (#PCDATA)>

<!ELEMENT lfmd-discovery-flags (lfmd-flag-remote-stable |
lfmd-flag-remote-evaluating | lfmd-flag-remote-state-valid |
lfmd-flag-local-satisfied | lfmd-flag-local-stable | lfmd-pdu-flags)*>

<!ELEMENT lfmd-discovery-state (#PCDATA)>

<!ELEMENT lfmd-dying-gasp-received (#PCDATA)>

<!ELEMENT lfmd-event-current-frame-error (lfmd-event-frame-error-window |
lfmd-event-frame-error-threshold | lfmd-event-frame-error-count |
lfmd-event-frame-error-total-count | lfmd-event-frame-count)*>

<!ELEMENT lfmd-event-current-symbol-error (lfmd-event-symbol-error-window |
lfmd-event-symbol-error-threshold | lfmd-event-symbol-error-count |
lfmd-event-symbol-error-total-count | lfmd-event-symbol-count)*>

<!ELEMENT lfmd-event-frame-count (#PCDATA)>

<!ELEMENT lfmd-event-frame-error-count (#PCDATA)>

<!ELEMENT lfmd-event-frame-error-threshold (#PCDATA)>
```

```
<!ELEMENT lfmd-event-frame-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-frame-error-window (#PCDATA)>

<!ELEMENT lfmd-event-pdus-received (#PCDATA)>

<!ELEMENT lfmd-event-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-error (lfmd-event-received-frame-error-window |
lfmd-event-received-frame-error-threshold |
lfmd-event-received-frame-error-count | lfmd-event-received-frame-error-total-count
| lfmd-event-received-frame-count)*>

<!ELEMENT lfmd-event-received-frame-error-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-error-window (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-period-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-period-error
(lfmd-event-received-frame-period-error-window |
lfmd-event-received-frame-period-error-threshold |
lfmd-event-received-frame-period-error-count |
lfmd-event-received-frame-period-error-total-count |
lfmd-event-received-frame-period-count)*>

<!ELEMENT lfmd-event-received-frame-period-error-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-period-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-period-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-period-error-window (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-seconds-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-seconds-error
(lfmd-event-received-frame-seconds-error-window |
lfmd-event-received-frame-seconds-error-threshold |
lfmd-event-received-frame-seconds-error-count |
lfmd-event-received-frame-seconds-error-total-count |
lfmd-event-received-frame-seconds-count)*>

<!ELEMENT lfmd-event-received-frame-seconds-error-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-seconds-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-seconds-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-received-frame-seconds-error-window (#PCDATA)>

<!ELEMENT lfmd-event-received-symbol-count (#PCDATA)>

<!ELEMENT lfmd-event-received-symbol-error (lfmd-event-received-symbol-error-window
| lfmd-event-received-symbol-error-threshold |
```

```

lfmd-event-received-symbol-error-count |
lfmd-event-received-symbol-error-total-count | lfmd-event-received-symbol-count)*>

<!ELEMENT lfmd-event-received-symbol-error-count (#PCDATA)>

<!ELEMENT lfmd-event-received-symbol-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-received-symbol-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-received-symbol-error-window (#PCDATA)>

<!ELEMENT lfmd-event-symbol-count (#PCDATA)>

<!ELEMENT lfmd-event-symbol-error-count (#PCDATA)>

<!ELEMENT lfmd-event-symbol-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-symbol-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-symbol-error-window (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-frame-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-frame-error
(lfmd-event-transmitted-frame-error-window |
lfmd-event-transmitted-frame-error-threshold |
lfmd-event-transmitted-frame-error-count |
lfmd-event-transmitted-frame-error-total-count |
lfmd-event-transmitted-frame-count)*>

<!ELEMENT lfmd-event-transmitted-frame-error-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-frame-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-frame-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-frame-error-window (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-symbol-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-symbol-error
(lfmd-event-transmitted-symbol-error-window |
lfmd-event-transmitted-symbol-error-threshold |
lfmd-event-transmitted-symbol-error-count |
lfmd-event-transmitted-symbol-error-total-count |
lfmd-event-transmitted-symbol-count)*>

<!ELEMENT lfmd-event-transmitted-symbol-error-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-symbol-error-threshold (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-symbol-error-total-count (#PCDATA)>

<!ELEMENT lfmd-event-transmitted-symbol-error-window (#PCDATA)>

<!ELEMENT lfmd-events (lfmd-events-received | lfmd-events-transmitted |
lfmd-events-current)*>

<!ELEMENT lfmd-events-current (lfmd-event-current-symbol-error |
lfmd-event-current-frame-error)*>

```

```
<!ELEMENT lfmd-events-received (lfmd-event-received-symbol-error |
lfmd-event-received-frame-error | lfmd-event-received-frame-period-error |
lfmd-event-received-frame-seconds-error)*>

<!ELEMENT lfmd-events-transmitted (lfmd-event-transmitted-symbol-error |
lfmd-event-transmitted-frame-error)*>

<!ELEMENT lfmd-flag-local-satisfied EMPTY>

<!ELEMENT lfmd-flag-local-stable EMPTY>

<!ELEMENT lfmd-flag-remote-evaluating EMPTY>

<!ELEMENT lfmd-flag-remote-stable EMPTY>

<!ELEMENT lfmd-flag-remote-state-valid EMPTY>

<!ELEMENT lfmd-information (lfmd-interface-information |
lfmd-action-profile-information)*>
<!ATTLIST lfmd-information junos:style CDATA #IMPLIED>

<!ELEMENT lfmd-information-pdus-received (#PCDATA)>

<!ELEMENT lfmd-information-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-interface-information (lfmd-interface-name | lfmd-status |
lfmd-discovery-state | lfmd-discovery-flags | lfmd-peer-address |
lfmd-peer-mux-action | lfmd-peer-parser-action | lfmd-peer-config-mode |
lfmd-peer-config-unidirectional | lfmd-peer-config-loopback |
lfmd-peer-config-link-events | lfmd-peer-config-variable-request |
lfmd-loopback-local-enabled | lfmd-loopback-remote-enabled | lfmd-statistics |
lfmd-events)*>

<!ELEMENT lfmd-interface-name (#PCDATA)>

<!ELEMENT lfmd-link-fault-received (#PCDATA)>

<!ELEMENT lfmd-loopback-control-pdus-received (#PCDATA)>

<!ELEMENT lfmd-loopback-control-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-loopback-local-enabled EMPTY>

<!ELEMENT lfmd-loopback-remote-enabled EMPTY>

<!ELEMENT lfmd-organization-pdus-received (#PCDATA)>

<!ELEMENT lfmd-organization-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-pdu-flags (#PCDATA)>

<!ELEMENT lfmd-peer-address (#PCDATA)>

<!ELEMENT lfmd-peer-config-link-events (#PCDATA)>

<!ELEMENT lfmd-peer-config-loopback (#PCDATA)>

<!ELEMENT lfmd-peer-config-mode (#PCDATA)>

<!ELEMENT lfmd-peer-config-unidirectional (#PCDATA)>
```



```
<!ELEMENT lfmd-peer-config-variable-request (#PCDATA)>

<!ELEMENT lfmd-peer-mux-action (#PCDATA)>

<!ELEMENT lfmd-peer-parser-action (#PCDATA)>

<!ELEMENT lfmd-statistics (lfmd-statistics-received |
lfmd-statistics-transmitted)*>

<!ELEMENT lfmd-statistics-received (lfmd-information-pdus-received |
lfmd-event-pdus-received | lfmd-variable-request-pdus-received |
lfmd-variable-response-pdus-received | lfmd-loopback-control-pdus-received |
lfmd-organization-pdus-received | lfmd-unknown-pdus-received |
lfmd-critical-event-received | lfmd-dying-gasp-received |
lfmd-link-fault-received)*>

<!ELEMENT lfmd-statistics-transmitted (lfmd-information-pdus-transmitted |
lfmd-event-pdus-transmitted | lfmd-variable-request-pdus-transmitted |
lfmd-variable-response-pdus-transmitted | lfmd-loopback-control-pdus-transmitted
| lfmd-organization-pdus-transmitted | lfmd-unknown-pdus-transmitted)*>

<!ELEMENT lfmd-status (#PCDATA)>

<!ELEMENT lfmd-unknown-pdus-received (#PCDATA)>

<!ELEMENT lfmd-unknown-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-variable-request-pdus-received (#PCDATA)>

<!ELEMENT lfmd-variable-request-pdus-transmitted (#PCDATA)>

<!ELEMENT lfmd-variable-response-pdus-received (#PCDATA)>

<!ELEMENT lfmd-variable-response-pdus-transmitted (#PCDATA)>
```


CHAPTER 53

DTD for License Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-license.dtd`, which lists the Junos XML tags that contain information about Junos licenses. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-license.dtd -->

<!ELEMENT add-error-count (#PCDATA)>

<!ELEMENT add-individual-result (operation-status | filename | line-number | name
 | message)*>

<!ELEMENT add-license-results (add-individual-result | add-error-count |
add-success)*>

<!ELEMENT add-success EMPTY>

<!ELEMENT description (#PCDATA)>

<!ELEMENT device-reference (#PCDATA)>

<!ELEMENT end-date (#PCDATA)>
<ATTLIST end-date junos:seconds CDATA #IMPLIED>

<!ELEMENT feature (name | description | validity-information)*>
<ATTLIST feature junos:style CDATA #IMPLIED>

<!ELEMENT feature-block (feature)*>

<!ELEMENT feature-summary (name | description | licensed | used-licensed |
used-given | needed | validity-type | remaining-time | end-date)*>

<!ELEMENT features-used EMPTY>

<!ELEMENT filename (#PCDATA)>

<!ELEMENT group-define (#PCDATA)>

<!ELEMENT group-reference (#PCDATA)>

<!ELEMENT key-data (#PCDATA)>
```

```
<!ELEMENT license (name | license-state | license-version | license-type |
device-reference | group-reference | group-define | unsupported-attribute |
feature-block)*>

<!ELEMENT license-information (no-licenses-installed | licenses-installed |
license)*>

<!ELEMENT license-key (name | key-data)*>

<!ELEMENT license-key-information (license-key)*>

<!ELEMENT license-state (#PCDATA)>

<!ELEMENT license-summary-information (license-usage-summary |
license-information)*>

<!ELEMENT license-type (#PCDATA)>

<!ELEMENT license-usage-summary (features-used | no-feature-used |
feature-summary)*>

<!ELEMENT license-version (#PCDATA)>

<!ELEMENT licensed (#PCDATA)>

<!ELEMENT licenses-installed EMPTY>

<!ELEMENT line-number (#PCDATA)>

<!ELEMENT message (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT needed (#PCDATA)>

<!ELEMENT no-feature-used EMPTY>

<!ELEMENT no-licenses-installed EMPTY>

<!ELEMENT operation-status (#PCDATA)>
<!ATTLIST operation-status junos:format CDATA #IMPLIED>

<!ELEMENT original-validity (original-validity-value |
original-validity-time-unit)*>

<!ELEMENT original-validity-time-unit (#PCDATA)>

<!ELEMENT original-validity-value (#PCDATA)>
<!ATTLIST original-validity-value junos:seconds CDATA #IMPLIED>

<!ELEMENT remaining-time (remaining-validity-value |
remaining-validity-time-unit)*>

<!ELEMENT remaining-validity-time-unit (#PCDATA)>

<!ELEMENT remaining-validity-value (#PCDATA)>
<!ATTLIST remaining-validity-value junos:seconds CDATA #IMPLIED>

<!ELEMENT start-date (#PCDATA)>
<!ATTLIST start-date junos:seconds CDATA #IMPLIED>
```

```
<!ELEMENT unsupported-attribute (#PCDATA)>

<!ELEMENT used-given (#PCDATA)>
<!--ATTLIST used-given junos:format CDATA #IMPLIED-->

<!ELEMENT used-licensed (#PCDATA)>

<!ELEMENT validity-information (validity-type | original-validity | remaining-time
    | start-date | end-date | license-state)*>

<!ELEMENT validity-type (#PCDATA)>
```


CHAPTER 54

DTD for Licensed Feature Metadata Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-licensed-feature-metadata.dtd`, which lists the Junos XML tags that contain information about licensed feature metadata. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-licensed-feature-metadata.dtd -->

<!ELEMENT alias (base-feature | cumulative-value)*>

<!ELEMENT base-feature (#PCDATA)>

<!ELEMENT cumulative-value (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT flag (#PCDATA)>

<!ELEMENT id (#PCDATA)>

<!ELEMENT licensed-feature (id | name | description | flag | alias)*>

<!ELEMENT licensed-feature-metadata-information (licensed-feature)*>

<!ELEMENT name (#PCDATA)>
```


CHAPTER 55

DTD for MIP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-mip.dtd`, which lists the Junos XML tags that contain information about MIPs. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->  
<!-- All rights reserved. -->  
<!-- junos-mip.dtd -->
```

```
<!ELEMENT addr-pool (start-addr | end-addr)*>
```

```
<!ELEMENT address (#PCDATA)>
```

```
<!ELEMENT address-list (address)*>
```

```
<!ELEMENT administrative-prohibited (#PCDATA)>
```

```
<!ELEMENT authentication (#PCDATA)>
```

```
<!ELEMENT bad-lifetime (#PCDATA)>
```

```
<!ELEMENT bad-request (#PCDATA)>
```

```
<!ELEMENT count (#PCDATA)>
```

```
<!ELEMENT end-addr (#PCDATA)>
```

```
<!ELEMENT failed-fa (#PCDATA)>
```

```
<!ELEMENT failed-ha (#PCDATA)>
```

```
<!ELEMENT failed-mn (#PCDATA)>
```

```
<!ELEMENT ha-unreachable (#PCDATA)>
```

```
<!ELEMENT id-mismatch (#PCDATA)>
```

```
<!ELEMENT identification (#PCDATA)>
```

```
<!ELEMENT interface (#PCDATA)>
```

```
<!ELEMENT interface-name (#PCDATA)>
```

```
<!ELEMENT lifetime-granted (#PCDATA)>
```

```
<!ELEMENT lifetime-remaining (#PCDATA)>

<!ELEMENT mip-binding (mip-home-address | mip-nai | mip-home-agent |
mip-care-of-address | lifetime-granted | lifetime-remaining | tunnel-type |
tunnel-id | tunnel-source | tunnel-destination | identification |
revocation-support | revocation-inform | count | state | session-id)*>

<!ELEMENT mip-binding-information (mip-binding)*>
<!ATTLIST mip-binding-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-care-of-address (#PCDATA)>

<!ELEMENT mip-error (mip-error-message)*>

<!ELEMENT mip-error-message (#PCDATA)>

<!ELEMENT mip-fa (mip-fa-status | mip-fa-max-pending-request |
mip-fa-request-timeout | mip-fa-registration-required |
mip-fa-registration-lifetime | mip-fa-coa | mip-fa-serice-enabled |
mip-fa-reverse-tunnel)*>

<!ELEMENT mip-fa-coa (#PCDATA)>

<!ELEMENT mip-fa-information (mip-fa)*>
<!ATTLIST mip-fa-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-fa-max-pending-request (#PCDATA)>

<!ELEMENT mip-fa-registration-lifetime (#PCDATA)>

<!ELEMENT mip-fa-registration-required (#PCDATA)>

<!ELEMENT mip-fa-request-timeout (#PCDATA)>

<!ELEMENT mip-fa-reverse-tunnel (#PCDATA)>

<!ELEMENT mip-fa-serice-enabled (#PCDATA)>

<!ELEMENT mip-fa-status (#PCDATA)>

<!ELEMENT mip-home-address (#PCDATA)>

<!ELEMENT mip-home-agent (#PCDATA)>

<!ELEMENT mip-home-agent-interface-network (interface | mip-home-agent |
registration-lifetime | time-tolerance | addr-pool | number-of-mn |
mip-home-address | range | mip-nai | mip-care-of-address | lifetime-granted |
lifetime-remaining)*>

<!ELEMENT mip-home-agent-interface-network-information
(mip-home-agent-interface-network)*>
<!ATTLIST mip-home-agent-interface-network-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-home-agent-overview (status | service-enabled-on | address-list |
authentication)*>

<!ELEMENT mip-home-agent-overview-information (mip-home-agent-overview)*>
<!ATTLIST mip-home-agent-overview-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-home-agent-traffic (request-received | request-forwarded |
```

```

request-denied | replies-forwarded | unspecified | administrative-prohibited |
no-resource | bad-request | too-many-bindings | unknown-ha | id-mismatch |
unavailable-reverse-tunnel | unavailable-encapsulation | failed-mn | failed-fa)*>

<!ELEMENT mip-home-agent-traffic-information (mip-home-agent-traffic)*>
<!ATTLIST mip-home-agent-traffic-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-home-agent-virtual-network (mip-home-agent | registration-lifetime
| time-tolerance | addr-pool | number-of-mn | mip-home-address | mip-nai |
mip-care-of-address | lifetime-granted | lifetime-remaining)*>

<!ELEMENT mip-home-agent-virtual-network-information
(mip-home-agent-virtual-network)*>
<!ATTLIST mip-home-agent-virtual-network-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-memory (mip-memory-size | mip-memory-file-name |
mip-memory-line-number | mip-memory-allocated-memory)*>

<!ELEMENT mip-memory-allocated-memory (#PCDATA)>

<!ELEMENT mip-memory-file-name (#PCDATA)>

<!ELEMENT mip-memory-information (mip-memory)*>
<!ATTLIST mip-memory-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-memory-line-number (#PCDATA)>

<!ELEMENT mip-memory-size (#PCDATA)>

<!ELEMENT mip-nai (#PCDATA)>

<!ELEMENT mip-statistics-information (registration-request-received |
registration-request-accepted | registration-request-rejected)*>

<!ELEMENT mip-traffic (request-received | request-forwarded | request-denied |
replies-received | replies-forwarded | replies-denied | unspecified |
ha-unreachable | administrative-prohibited | no-resource | bad-lifetime |
bad-request | unavailable-encapsulation | unavailable-reverse-tunnel | failed-mn
| failed-ha | unknown-challenge | missing-challenge | stale-challenge)*>

<!ELEMENT mip-traffic-information (mip-traffic)*>
<!ATTLIST mip-traffic-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-tunnel (mip-tunnel-source | mip-tunnel-destination |
mip-tunnel-type)*>

<!ELEMENT mip-tunnel-destination (#PCDATA)>

<!ELEMENT mip-tunnel-information (mip-tunnel)*>
<!ATTLIST mip-tunnel-information junos:style CDATA #IMPLIED>

<!ELEMENT mip-tunnel-source (#PCDATA)>

<!ELEMENT mip-tunnel-type (#PCDATA)>

<!ELEMENT mip-violation (mip-nai | mip-home-address | mip-violation-code |
mip-violation-time | mip-violation-spi | mip-violation-error-code |
mip-violation-reason | mip-violation-count-per-peer | mip-violation-total-count)*>

<!ELEMENT mip-violation-code (#PCDATA)>

```

```
<!ELEMENT mip-violation-count-per-peer (#PCDATA)>

<!ELEMENT mip-violation-error-code (#PCDATA)>

<!ELEMENT mip-violation-information (mip-violation)*>
<!--ATTLIST mip-violation-information junos:style CDATA #IMPLIED-->

<!ELEMENT mip-violation-reason (#PCDATA)>

<!ELEMENT mip-violation-spi (#PCDATA)>

<!ELEMENT mip-violation-time (#PCDATA)>

<!ELEMENT mip-violation-total-count (#PCDATA)>

<!ELEMENT mip-visitor (mip-nai | mip-home-address | mip-home-agent |
mip-care-of-address | mip-visitor-time-requested | mip-visitor-time-allotted |
mip-visitor-time-remaining | mip-visitor-count | mip-visitor-pending-count)*>

<!ELEMENT mip-visitor-count (#PCDATA)>

<!ELEMENT mip-visitor-information (mip-visitor)*>
<!--ATTLIST mip-visitor-information junos:style CDATA #IMPLIED-->

<!ELEMENT mip-visitor-pending-count (#PCDATA)>

<!ELEMENT mip-visitor-time-allotted (#PCDATA)>

<!ELEMENT mip-visitor-time-remaining (#PCDATA)>

<!ELEMENT mip-visitor-time-requested (#PCDATA)>

<!ELEMENT mip-wimax-release (release)*>

<!ELEMENT mip-wimax-release-information (mip-wimax-release)*>
<!--ATTLIST mip-wimax-release-information junos:style CDATA #IMPLIED-->

<!ELEMENT missing-challenge (#PCDATA)>

<!ELEMENT no-resource (#PCDATA)>

<!ELEMENT number-of-mn (#PCDATA)>

<!ELEMENT range (#PCDATA)>

<!ELEMENT registration-lifetime (#PCDATA)>

<!ELEMENT registration-request-accepted (#PCDATA)>

<!ELEMENT registration-request-received (#PCDATA)>

<!ELEMENT registration-request-rejected (#PCDATA)>

<!ELEMENT release (#PCDATA)>

<!ELEMENT replies-denied (#PCDATA)>

<!ELEMENT replies-forwarded (#PCDATA)>

<!ELEMENT replies-received (#PCDATA)>
```

```
<!ELEMENT request-denied (#PCDATA)>
<!ELEMENT request-forwarded (#PCDATA)>
<!ELEMENT request-received (#PCDATA)>
<!ELEMENT revocation-inform (#PCDATA)>
<!ELEMENT revocation-support (#PCDATA)>
<!ELEMENT service-enabled-on (interface-name)*>
<!ELEMENT session-id (#PCDATA)>
<!ELEMENT stale-challenge (#PCDATA)>
<!ELEMENT start-addr (#PCDATA)>
<!ELEMENT state (#PCDATA)>
<!ELEMENT status (#PCDATA)>
<!ELEMENT time-tolerance (#PCDATA)>
<!ELEMENT too-many-bindings (#PCDATA)>
<!ELEMENT tunnel-destination (#PCDATA)>
<!ELEMENT tunnel-id (#PCDATA)>
<!ELEMENT tunnel-source (#PCDATA)>
<!ELEMENT tunnel-type (#PCDATA)>
<!ELEMENT unavailable-encapsulation (#PCDATA)>
<!ELEMENT unavailable-reverse-tunnel (#PCDATA)>
<!ELEMENT unknown-challenge (#PCDATA)>
<!ELEMENT unknown-ha (#PCDATA)>
<!ELEMENT unspecified (#PCDATA)>
```


DTD for MPLS OAM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-mplsoamd.dtd`, which lists the Junos XML tags that contain information about MPLS OAM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-mplsoamd.dtd -->

<!ELEMENT address (#PCDATA)>

<!ELEMENT address-range-index (#PCDATA)>

<!ELEMENT count (#PCDATA)>

<!ELEMENT database (#PCDATA)>

<!ELEMENT date-time (#PCDATA)>
<ATTLIST date-time junos:seconds CDATA #IMPLIED>

<!ELEMENT depth (#PCDATA)>

<!ELEMENT fec (fec-prefix)*>

<!ELEMENT fec-prefix (#PCDATA)>

<!ELEMENT high-address (#PCDATA)>

<!ELEMENT instance (count)*>

<!ELEMENT interface (#PCDATA)>

<!ELEMENT label-depth (#PCDATA)>

<!ELEMENT label-protocol (#PCDATA)>

<!ELEMENT label-value (#PCDATA)>

<!ELEMENT last-trace-time (date-time)*>

<!ELEMENT low-address (#PCDATA)>

<!ELEMENT mtu (#PCDATA)>
```

```
<!ELEMENT multipath-information (multipath-type | address-range-index | low-address
| high-address)*>

<!ELEMENT multipath-type (#PCDATA)>

<!ELEMENT next-scheduled-trace (timer-expiry)*>

<!ELEMENT options (probe-ttl | probe-retries | probe-wait | probe-paths |
probe-source | probe-destination | probe-exp | probe-fanout)*>

<!ELEMENT parent (#PCDATA)>

<!ELEMENT path-index (#PCDATA)>

<!ELEMENT path-status (#PCDATA)>

<!ELEMENT probe-destination (#PCDATA)>

<!ELEMENT probe-exp (#PCDATA)>

<!ELEMENT probe-fanout (#PCDATA)>

<!ELEMENT probe-options (probe-ttl | probe-retries | probe-wait | probe-paths |
probe-source | probe-destination | probe-exp | probe-fanout)*>

<!ELEMENT probe-paths (#PCDATA)>

<!ELEMENT probe-retries (#PCDATA)>

<!ELEMENT probe-source (#PCDATA)>

<!ELEMENT probe-ttl (#PCDATA)>

<!ELEMENT probe-wait (#PCDATA)>

<!ELEMENT receiver-timestamp (#PCDATA)>
<!ATTLIST receiver-timestamp junos:seconds CDATA #IMPLIED>
<!ATTLIST receiver-timestamp junos:microseconds CDATA #IMPLIED>

<!ELEMENT response-time (#PCDATA)>

<!ELEMENT return-code (#PCDATA)>

<!ELEMENT scan-status (status)*>

<!ELEMENT sender-timestamp (#PCDATA)>
<!ATTLIST sender-timestamp junos:seconds CDATA #IMPLIED>
<!ATTLIST sender-timestamp junos:microseconds CDATA #IMPLIED>

<!ELEMENT status (#PCDATA)>

<!ELEMENT test (#PCDATA)>

<!ELEMENT timer-expiry (#PCDATA)>

<!ELEMENT tracersp (#PCDATA)>

<!ELEMENT tracersp-label (label-value | label-depth | label-protocol)*>
<!ATTLIST tracersp-label junos:style CDATA #IMPLIED>

<!ELEMENT tracersp-node (depth | label-value | label-protocol | address | parent
```



```
    | response-time | return-code | multipath-type | sender-timestamp |  
receiver-timestamp | status | path-index | path-status | probe-destination | mtu  
    | interface)*>  
<!--ATTLIST tracelsp-node junos:style CDATA #IMPLIED-->
```


CHAPTER 57

DTD for MSP Info Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-mspinfo.dtd`, which lists the Junos XML tags that contain information about MSP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-mspinfo.dtd -->

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT mspinfo-raw-output (interface-name | raw-output)*>

<!ELEMENT raw-output (#PCDATA)>
```


CHAPTER 58

DTD for OAM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-oam.dtd`, which lists the Junos XML tags that contain information about OAM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-oam.dtd -->

<!ELEMENT oam-information (oam-interface-information)*>

<!ELEMENT oam-interface-information (oam-interface-name | oam-statistics |
oam-status)*>

<!ELEMENT oam-interface-name (#PCDATA)>

<!ELEMENT oam-keepalive-status (#PCDATA)>

<!ELEMENT oam-pdus-received (#PCDATA)>

<!ELEMENT oam-pdus-transmitted (#PCDATA)>

<!ELEMENT oam-statistics (oam-pdus-received | oam-pdus-transmitted)*>

<!ELEMENT oam-status (oam-keepalive-status)*>
```


CHAPTER 59

DTD for Packet Triggered Subscribers Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-packet-triggered-subscribers.dtd`, which lists the Junos XML tags that contain information about packet triggered subscribers. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-packet-triggered-subscribers.dtd -->

<!ELEMENT a-f (#PCDATA)>

<!ELEMENT a-fc (#PCDATA)>

<!ELEMENT a-fu (#PCDATA)>

<!ELEMENT a-p-bw (#PCDATA)>

<!ELEMENT a-p-i (#PCDATA)>

<!ELEMENT a-p-mbs (#PCDATA)>

<!ELEMENT a-s (#PCDATA)>

<!ELEMENT agl (#PCDATA)>

<!ELEMENT anl (#PCDATA)>

<!ELEMENT application-id (#PCDATA)>

<!ELEMENT bytes (#PCDATA)>

<!ELEMENT clear-session-result (num-logout-initiated)*>

<!ELEMENT client-id (#PCDATA)>

<!ELEMENT d (#PCDATA)>

<!ELEMENT fast-sync-in-progress (#PCDATA)>

<!ELEMENT first-down-pic-client-id (#PCDATA)>

<!ELEMENT five-tuple (#PCDATA)>
```

```
<!ELEMENT flows (five-tuple | application-id | policy-name | policy-action |
policy-direction | packets | bytes)*>

<!ELEMENT full-sync-in-progress (#PCDATA)>

<!ELEMENT hwm (#PCDATA)>

<!ELEMENT input-bps (#PCDATA)>

<!ELEMENT input-bytes (#PCDATA)>

<!ELEMENT input-packets (#PCDATA)>

<!ELEMENT input-pps (#PCDATA)>

<!ELEMENT interface (#PCDATA)>

<!ELEMENT login-time (#PCDATA)>

<!ELEMENT lph (#PCDATA)>

<!ELEMENT lpl (#PCDATA)>

<!ELEMENT message (#PCDATA)>

<!ELEMENT name-id (#PCDATA)>

<!ELEMENT num-aaa-received (#PCDATA)>

<!ELEMENT num-aar-queued (#PCDATA)>

<!ELEMENT num-aar-send-failure (#PCDATA)>

<!ELEMENT num-aar-timeout (#PCDATA)>

<!ELEMENT num-aca-queued (#PCDATA)>

<!ELEMENT num-aca-send-failure (#PCDATA)>

<!ELEMENT num-accounting-request-send-failure (#PCDATA)>

<!ELEMENT num-acr-received (#PCDATA)>

<!ELEMENT num-asa-queued (#PCDATA)>

<!ELEMENT num-asa-send-failure (#PCDATA)>

<!ELEMENT num-asr-received (#PCDATA)>

<!ELEMENT num-clients (#PCDATA)>

<!ELEMENT num-connection-up-event (#PCDATA)>

<!ELEMENT num-data-sessions (#PCDATA)>

<!ELEMENT num-diameterd-connected (#PCDATA)>

<!ELEMENT num-diameterd-disconnected (#PCDATA)>

<!ELEMENT num-down-pic-clients (#PCDATA)>
```


<!ELEMENT num-fast-sync-abort (#PCDATA)>
<!ELEMENT num-fast-sync-queued (#PCDATA)>
<!ELEMENT num-full-sync-abort (#PCDATA)>
<!ELEMENT num-login-done (#PCDATA)>
<!ELEMENT num-login-done-send-failure (#PCDATA)>
<!ELEMENT num-login-retry (#PCDATA)>
<!ELEMENT num-logout-initiated (#PCDATA)>
<!ELEMENT num-logout-request-send-failure (#PCDATA)>
<!ELEMENT num-logout-request-timeout (#PCDATA)>
<!ELEMENT num-outstanding-diameter-message (#PCDATA)>
<!ELEMENT num-pconn (#PCDATA)>
<!ELEMENT num-pending-response (#PCDATA)>
<!ELEMENT num-pic-login (#PCDATA)>
<!ELEMENT num-pic-logout (#PCDATA)>
<!ELEMENT num-pic-logout-response (#PCDATA)>
<!ELEMENT num-policy-change (#PCDATA)>
<!ELEMENT num-policy-change-response (#PCDATA)>
<!ELEMENT num-ppa-queued (#PCDATA)>
<!ELEMENT num-ppa-send-failure (#PCDATA)>
<!ELEMENT num-ppr-received (#PCDATA)>
<!ELEMENT num-queued-diameter-task (#PCDATA)>
<!ELEMENT num-queued-pic-task (#PCDATA)>
<!ELEMENT num-response-timeout (#PCDATA)>
<!ELEMENT num-sending-message (#PCDATA)>
<!ELEMENT num-sending-queue-full (#PCDATA)>
<!ELEMENT num-sending-timeout (#PCDATA)>
<!ELEMENT num-service-request-send-failure (#PCDATA)>
<!ELEMENT num-service-request-timeout (#PCDATA)>
<!ELEMENT num-services (#PCDATA)>
<!ELEMENT num-src-logout (#PCDATA)>

```
<!ELEMENT num-srq-fast-sync (#PCDATA)>
<!ELEMENT num-srq-full-sync (#PCDATA)>
<!ELEMENT num-srq-queued (#PCDATA)>
<!ELEMENT num-srq-send-failure (#PCDATA)>
<!ELEMENT num-srq-single-sync (#PCDATA)>
<!ELEMENT num-srq-timeout (#PCDATA)>
<!ELEMENT num-srr-failure (#PCDATA)>
<!ELEMENT num-srr-queued (#PCDATA)>
<!ELEMENT num-srr-received (#PCDATA)>
<!ELEMENT num-srr-send-failure (#PCDATA)>
<!ELEMENT num-sta-received (#PCDATA)>
<!ELEMENT num-statistics-polling (#PCDATA)>
<!ELEMENT num-str-queued (#PCDATA)>
<!ELEMENT num-str-send-failure (#PCDATA)>
<!ELEMENT num-str-timeout (#PCDATA)>
<!ELEMENT num-sync-aaa-received (#PCDATA)>
<!ELEMENT num-sync-aar-queued (#PCDATA)>
<!ELEMENT num-sync-aar-send-failure (#PCDATA)>
<!ELEMENT num-sync-aar-timeout (#PCDATA)>
<!ELEMENT num-sync-request (#PCDATA)>
<!ELEMENT num-sync-sta-received (#PCDATA)>
<!ELEMENT num-sync-start (#PCDATA)>
<!ELEMENT num-sync-str-queued (#PCDATA)>
<!ELEMENT num-sync-str-send-failure (#PCDATA)>
<!ELEMENT num-sync-str-timeout (#PCDATA)>
<!ELEMENT num-update-username (#PCDATA)>
<!ELEMENT num-username-update-send-failure (#PCDATA)>
<!ELEMENT num-waiting-message (#PCDATA)>
<!ELEMENT output-bps (#PCDATA)>
<!ELEMENT output-bytes (#PCDATA)>
<!ELEMENT output-packets (#PCDATA)>
```

```

<!ELEMENT output-pps (#PCDATA)>

<!ELEMENT p (#PCDATA)>

<!ELEMENT packet-triggered-subscribers-information (message | process-status |
subscriber-session-summary | subscriber-session | session-statistics |
subscriber-policy | subscriber-flows | subscriber-bandwidth |
clear-session-result)*>

<!ELEMENT packets (#PCDATA)>

<!ELEMENT pic-name (#PCDATA)>

<!ELEMENT pic-status (pic-name | num-pic-login | num-pic-logout-response |
num-login-done | num-pic-logout | num-policy-change | num-policy-change-response
| num-src-logout | num-statistics-polling | num-sync-start | num-sync-request |
num-update-username | num-connection-up-event | num-queued-pic-task |
num-pending-response | num-service-request-timeout | num-logout-request-timeout
| num-logout-request-send-failure | num-service-request-send-failure |
num-accounting-request-send-failure | num-login-done-send-failure |
num-username-update-send-failure)*>

<!ELEMENT policy-action (#PCDATA)>

<!ELEMENT policy-direction (#PCDATA)>

<!ELEMENT policy-name (#PCDATA)>

<!ELEMENT process-status (num-clients | num-down-pic-clients |
first-down-pic-client-id | src-connection-state | num-srr-received |
num-ppr-received | num-asr-received | num-acr-received | num-aaa-received |
num-sta-received | num-sync-aaa-received | num-sync-sta-received | num-srr-queued
| num-srq-queued | num-aar-queued | num-ppa-queued | num-str-queued |
num-asa-queued | num-aca-queued | num-sync-aar-queued | num-sync-str-queued |
num-sending-message | num-waiting-message | num-sending-queue-full |
num-sending-timeout | num-response-timeout | num-sync-aar-timeout |
num-sync-str-timeout | num-aar-timeout | num-str-timeout | num-srq-timeout |
num-aar-send-failure | num-asa-send-failure | num-aca-send-failure |
num-ppa-send-failure | num-str-send-failure | num-srq-send-failure |
num-srr-send-failure | num-sync-aar-send-failure | num-sync-str-send-failure |
num-srq-full-sync | num-srq-fast-sync | num-srq-single-sync | num-fast-sync-queued
| num-queued-diameter-task | fast-sync-in-progress | full-sync-in-progress |
num-full-sync-abort | num-fast-sync-abort | num-outstanding-diameter-message |
num-login-retry | num-diameterd-connected | num-diameterd-disconnected |
num-srr-failure | num-pconn | pic-status)*>

<!ELEMENT ra (#PCDATA)>

<!ELEMENT rm (#PCDATA)>

<!ELEMENT routing-instance (#PCDATA)>

<!ELEMENT rph (#PCDATA)>

<!ELEMENT rp1 (#PCDATA)>

<!ELEMENT rpr (#PCDATA)>

<!ELEMENT service-interface (#PCDATA)>

```

```
<!ELEMENT service-policy (policy-name | rpr | d | term)*>

<!ELEMENT service-session (policy-name | service-state)*>

<!ELEMENT service-state (#PCDATA)>

<!ELEMENT session-statistics (session-type | name-id | input-bytes | output-bytes
| input-packets | output-packets)*>

<!ELEMENT session-type (#PCDATA)>

<!ELEMENT src-connection-state (#PCDATA)>

<!ELEMENT subscriber-bandwidth (client-id | input-bps | output-bps | input-pps |
output-pps)*>

<!ELEMENT subscriber-flows (client-id | num-data-sessions | hwm | flows)*>

<!ELEMENT subscriber-policy (client-id | service-policy)*>

<!ELEMENT subscriber-session (username | user-ip-address | interface |
service-interface | subscriber-state | login-time | routing-instance | num-services
| client-id | service-session)*>
<!-- ATTENTION: subscriber-session has a default value of #IMPLIED -->

<!ELEMENT subscriber-session-summary (num-clients)*>

<!ELEMENT subscriber-state (#PCDATA)>

<!ELEMENT template-name (#PCDATA)>

<!ELEMENT term (template-name | tpr | ra | rm | lpl | lph | rpl | rph | p | anl
| agl | a-f | a-s | a-fc | a-p-i | a-p-bw | a-p-mbs | a-fu)*>

<!ELEMENT tpr (#PCDATA)>

<!ELEMENT user-ip-address (#PCDATA)>

<!ELEMENT username (#PCDATA)>
```

CHAPTER 60

DTD for Passive Monitoring Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-passive-monitoring.dtd`, which lists the Junos XML tags that contain information about passive monitoring. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-passive-monitoring.dtd -->

<!ELEMENT active-flows (#PCDATA)>

<!ELEMENT allocation-count (#PCDATA)>

<!ELEMENT allocations-per-second (#PCDATA)>

<!ELEMENT error-allocation-failures (#PCDATA)>

<!ELEMENT error-bytes-per-second-overload (#PCDATA)>

<!ELEMENT error-free-failures (#PCDATA)>

<!ELEMENT error-free-list-failures (#PCDATA)>

<!ELEMENT error-information (error-packets-dropped-no-memory |
error-packets-dropped-not-ip | error-packets-dropped-not-ipv4 |
error-packets-too-small | error-allocation-failures | error-free-failures |
error-free-list-failures | error-memory-warning | error-memory-overload |
error-packets-per-second-overload | error-bytes-per-second-overload)*>

<!ELEMENT error-memory-overload (#PCDATA)>

<!ELEMENT error-memory-warning (#PCDATA)>

<!ELEMENT error-packets-dropped-no-memory (#PCDATA)>

<!ELEMENT error-packets-dropped-not-ip (#PCDATA)>

<!ELEMENT error-packets-dropped-not-ipv4 (#PCDATA)>

<!ELEMENT error-packets-per-second-overload (#PCDATA)>

<!ELEMENT error-packets-too-small (#PCDATA)>
```

```
<!ELEMENT five-second-load (#PCDATA)>

<!ELEMENT flow-bytes (#PCDATA)>

<!ELEMENT flow-bytes-ten-second-rate (#PCDATA)>

<!ELEMENT flow-information (flow-packets | flow-bytes |
flow-packets-ten-second-rate | flow-bytes-ten-second-rate | active-flows | flows
| flows-exported | flow-packets-exported | flows-expired | flows-aged)*>

<!ELEMENT flow-packets (#PCDATA)>

<!ELEMENT flow-packets-exported (#PCDATA)>

<!ELEMENT flow-packets-ten-second-rate (#PCDATA)>

<!ELEMENT flows (#PCDATA)>

<!ELEMENT flows-aged (#PCDATA)>

<!ELEMENT flows-expired (#PCDATA)>

<!ELEMENT flows-exported (#PCDATA)>

<!ELEMENT free-count (#PCDATA)>

<!ELEMENT frees-per-second (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT inttime (#PCDATA)>

<!ELEMENT local-index (#PCDATA)>

<!ELEMENT maximum-allocated (#PCDATA)>

<!ELEMENT memory-free (#PCDATA)>

<!ELEMENT memory-information (allocation-count | free-count | maximum-allocated
| allocations-per-second | frees-per-second | memory-used | memory-free)*>

<!ELEMENT memory-used (#PCDATA)>

<!ELEMENT one-minute-load (#PCDATA)>

<!ELEMENT passive-monitoring-information (interface-name | local-index | pic-status
| usage-information | memory-information | flow-information | error-information
| status-information)*>

<!ELEMENT pic-status (#PCDATA)>

<!ELEMENT status-as-count (#PCDATA)>

<!ELEMENT status-engine-id (#PCDATA)>

<!ELEMENT status-engine-type (#PCDATA)>

<!ELEMENT status-export-format (#PCDATA)>

<!ELEMENT status-export-interval (#PCDATA)>
```

```
<!ELEMENT status-group-index (#PCDATA)>

<!ELEMENT status-ifl-snmp-map-count (#PCDATA)>

<!ELEMENT status-information (status-group-index | status-export-interval |
status-export-format | status-proto | status-engine-type | status-engine-id |
status-route-record-count | status-ifl-snmp-map-count | status-as-count |
status-monitor-time-set | status-monitor-config-set |
status-monitor-route-record-set | status-monitor-ifl-snmp-set)*>

<!ELEMENT status-monitor-config-set (#PCDATA)>

<!ELEMENT status-monitor-ifl-snmp-set (#PCDATA)>

<!ELEMENT status-monitor-route-record-set (#PCDATA)>

<!ELEMENT status-monitor-time-set (#PCDATA)>

<!ELEMENT status-proto (#PCDATA)>

<!ELEMENT status-route-record-count (#PCDATA)>

<!ELEMENT uptime (#PCDATA)>

<!ELEMENT usage-information (uptime | inttime | five-second-load |
one-minute-load)*>
```


CHAPTER 61

DTD for PGM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-pgm.dtd`, which lists the Junos XML tags that contain information about PGM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-pgm.dtd -->

<!ELEMENT bad-checksum (#PCDATA)>

<!ELEMENT bad-nak-family (#PCDATA)>

<!ELEMENT bad-nak-length (#PCDATA)>

<!ELEMENT bad-ncf-family (#PCDATA)>

<!ELEMENT bad-ncf-length (#PCDATA)>

<!ELEMENT bad-rdata-length (#PCDATA)>

<!ELEMENT bad-spm-family (#PCDATA)>

<!ELEMENT bad-spm-length (#PCDATA)>

<!ELEMENT bad-tsdu-length (#PCDATA)>

<!ELEMENT clear-pgm-nak EMPTY>

<!ELEMENT clear-pgm-spm EMPTY>

<!ELEMENT clear-pgm-statistics EMPTY>

<!ELEMENT errors (short-pgm-header | bad-checksum | zero-checksum | bad-tsdu-length
| bad-spm-length | bad-spm-family | bad-nak-length | bad-nak-family |
nak-unknown-tsi | nak-throttled | bad-ncf-length | bad-ncf-family | ncf-unknown-tsi
| bad-rdata-length | rdata-unknown-tsi | odata-with-ra)*>

<!ELEMENT nak (received | sent)*>

<!ELEMENT nak-throttled (#PCDATA)>

<!ELEMENT nak-unknown-tsi (#PCDATA)>
```

```
<!ELEMENT ncf (received | sent)*>

<!ELEMENT ncf-unknown-tsi (#PCDATA)>

<!ELEMENT nullnak (received | sent)*>

<!ELEMENT odata-with-ra (#PCDATA)>

<!ELEMENT other (received | sent)*>

<!ELEMENT packet-counters (spm | poll | polr | rdata | nak | nullnak | ncf | spmr
| other | errors)*>

<!ELEMENT pgm-nak-group (#PCDATA)>

<!ELEMENT pgm-nak-interface (pgm-nak-interface-name | pgm-nak-interface-sender)*>

<!ELEMENT pgm-nak-interface-name (#PCDATA)>

<!ELEMENT pgm-nak-interface-sender (#PCDATA)>

<!ELEMENT pgm-nak-sequence (#PCDATA)>

<!ELEMENT pgm-nak-source (#PCDATA)>

<!ELEMENT pgm-spm-gsid (#PCDATA)>

<!ELEMENT pgm-spm-information (pgm-spm-tsi)*>
<!-- ATTENTION: junos:style CDATA #IMPLIED -->

<!ELEMENT pgm-spm-lead (#PCDATA)>

<!ELEMENT pgm-spm-nak (pgm-nak-sequence | pgm-nak-source | pgm-nak-group |
pgm-nak-interface)*>

<!ELEMENT pgm-spm-nla (#PCDATA)>

<!ELEMENT pgm-spm-seq (#PCDATA)>

<!ELEMENT pgm-spm-sport (#PCDATA)>

<!ELEMENT pgm-spm-trail (#PCDATA)>

<!ELEMENT pgm-spm-tsi (pgm-spm-gsid | pgm-spm-sport | pgm-spm-seq | pgm-spm-trail
| pgm-spm-lead | pgm-spm-nla | pgm-spm-nak)*>

<!ELEMENT pgm-statistics-information (packet-counters)*>

<!ELEMENT poll (received | sent)*>

<!ELEMENT polr (received | sent)*>

<!ELEMENT rdata (received | sent)*>

<!ELEMENT rdata-unknown-tsi (#PCDATA)>

<!ELEMENT received (#PCDATA)>

<!ELEMENT sent (#PCDATA)>

<!ELEMENT short-pgm-header (#PCDATA)>
```

<!ELEMENT spm (received | sent)*>

<!ELEMENT spmr (received | sent)*>

<!ELEMENT zero-checksum (#PCDATA)>

CHAPTER 62

DTD for PKI Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-pki.dtd`, which lists the Junos XML tags that contain information about PKI. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-pki.dtd -->

<!ELEMENT alternate-subject (#PCDATA)>

<!ELEMENT alternate-subject-list (alternate-subject)*>

<!ELEMENT auto-re-enrollment (auto-re-enrollment-status |
auto-re-enrollment-next-trigger-time)*>

<!ELEMENT auto-re-enrollment-next-trigger-time (#PCDATA)>

<!ELEMENT auto-re-enrollment-status (#PCDATA)>

<!ELEMENT ca-certificate-enroll (ca-subject | fingerprint)*>

<!ELEMENT ca-certificate-enroll-list (ca-certificate-enroll-msg |
ca-certificate-enroll)*>

<!ELEMENT ca-certificate-enroll-msg (#PCDATA)>

<!ELEMENT ca-file (#PCDATA)>

<!ELEMENT ca-name (#PCDATA)>

<!ELEMENT ca-profile-name (#PCDATA)>

<!ELEMENT ca-subject (#PCDATA)>

<!ELEMENT cert-ca-load-status (cert-ca-profile)*>

<!ELEMENT cert-ca-manual-load (fingerprint)*>

<!ELEMENT cert-ca-profile (#PCDATA)>

<!ELEMENT cert-certificate-id (#PCDATA)>

<!ELEMENT cert-flag-info (cert-flag-trust | cert-flag-root)*>
```

```
<!ELEMENT cert-flag-root (#PCDATA)>

<!ELEMENT cert-flag-trust (#PCDATA)>

<!ELEMENT cert-key-pair (cert-key-pair-name | cert-key-pair-size)*>

<!ELEMENT cert-key-pair-name (#PCDATA)>

<!ELEMENT cert-key-pair-size (#PCDATA)>

<!ELEMENT cert-load-status (cert-certificate-id)*>

<!ELEMENT cert-request-dump (cert-request-dump-msg | cert-request-dump-file |
fingerprint)*>

<!ELEMENT cert-request-dump-file (cert-request-dump-file-content)*>

<!ELEMENT cert-request-dump-file-content (#PCDATA)>

<!ELEMENT cert-request-dump-msg (#PCDATA)>

<!ELEMENT cert-verification-status (#PCDATA)>

<!ELEMENT certificate-alternate-subject (#PCDATA)>

<!ELEMENT certificate-cache-entry (#PCDATA)>

<!ELEMENT certificate-dns (#PCDATA)>

<!ELEMENT certificate-subject (#PCDATA)>

<!ELEMENT certificate-type (#PCDATA)>

<!ELEMENT common-name (#PCDATA)>

<!ELEMENT country-name (#PCDATA)>

<!ELEMENT crl-issuer (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject-list (crl-issuer-alternate-subject)*>

<!ELEMENT crl-issuer-detail (distinguished-name)*>

<!ELEMENT crl-load-status (ca-profile-name)*>

<!ELEMENT crl-number (#PCDATA)>

<!ELEMENT crl-revocation-date (#PCDATA)>

<!ELEMENT crl-revocation-list (revoked-cert-serial-number | crl-revocation-date)*>

<!ELEMENT crl-validity (effective-date | next-update)*>

<!ELEMENT crl-version (#PCDATA)>

<!ELEMENT distinguished-name (organization-name | organizational-unit-name |
country-name | state-or-province-name | locality-name | common-name | email-address
| domain-component)*>
```

```
<!ELEMENT distribution-crl (#PCDATA)>

<!ELEMENT distribution-crl-list (distribution-crl)*>

<!ELEMENT domain-component (#PCDATA)>

<!ELEMENT effective-date (#PCDATA)>

<!ELEMENT email-address (#PCDATA)>

<!ELEMENT encoding (#PCDATA)>

<!ELEMENT fingerprint (fingerprint-hash-algorithm | fingerprint-content)*>

<!ELEMENT fingerprint-content (#PCDATA)>

<!ELEMENT fingerprint-hash-algorithm (#PCDATA)>

<!ELEMENT identifier (#PCDATA)>

<!ELEMENT issue-info (recipient | issued-by)*>

<!ELEMENT issued-by (#PCDATA)>

<!ELEMENT issuer (distinguished-name)*>

<!ELEMENT issuer-name (distinguished-name)*>

<!ELEMENT key (#PCDATA)>

<!ELEMENT key-contents (#PCDATA)>

<!ELEMENT key-usage (#PCDATA)>

<!ELEMENT key-usage-list (key-usage)*>

<!ELEMENT load-status (#PCDATA)>

<!ELEMENT locality-name (#PCDATA)>

<!ELEMENT message (#PCDATA)>

<!ELEMENT next-update (#PCDATA)>

<!ELEMENT not-after (#PCDATA)>

<!ELEMENT not-before (#PCDATA)>

<!ELEMENT organization-name (#PCDATA)>

<!ELEMENT organizational-unit-name (#PCDATA)>

<!ELEMENT pki-scep (url | ca-name | ca-file | key | certificate-subject |
certificate-dns | certificate-alternate-subject | encoding | message)*>

<!ELEMENT pki-status (running)*>

<!ELEMENT pkid-status-messages (load-status)*>

<!ELEMENT pkid-x509-certificate-information (issue-info | serial-number-list |
```

```
public-key | fingerprint | public-key-contents-list | alternate-subject-list |
key-usage-list | distribution-crl-list | signature-algorithm | identifier |
validity | version | certificate-type | status | auto-re-enrollment | issuer-name
| subject-name)*>
<!ATTLIST pkid-x509-certificate-information junos:style CDATA #IMPLIED>

<!ELEMENT pkid-x509-certificate-request-information (issue-info |
serial-number-list | public-key | fingerprint | public-key-contents-list |
alternate-subject-list | key-usage-list | signature-algorithm | identifier |
version | status)*>
<!ATTLIST pkid-x509-certificate-request-information junos:style CDATA #IMPLIED>

<!ELEMENT pkid-x509-crl-information (crl-number | crl-revocation-list |
crl-validity | crl-version | crl-issuer | identifier |
crl-issuer-alternate-subject-list)*>
<!ATTLIST pkid-x509-crl-information junos:style CDATA #IMPLIED>

<!ELEMENT public-key (public-key-algorithm | public-key-length |
public-key-verification-status)*>

<!ELEMENT public-key-algorithm (#PCDATA)>

<!ELEMENT public-key-contents-list (key-contents)*>

<!ELEMENT public-key-length (#PCDATA)>

<!ELEMENT public-key-verification-status (#PCDATA)>

<!ELEMENT recipient (#PCDATA)>

<!ELEMENT revoked-cert-serial-number (#PCDATA)>

<!ELEMENT running EMPTY>

<!ELEMENT serial-number-list (serial-number-x509)*>

<!ELEMENT serial-number-x509 (#PCDATA)>

<!ELEMENT service-set-info (service-set-name | total-cert-entries)*>

<!ELEMENT service-set-name (#PCDATA)>

<!ELEMENT signature-algorithm (#PCDATA)>

<!ELEMENT state-or-province-name (#PCDATA)>

<!ELEMENT status (#PCDATA)>

<!ELEMENT subject (distinguished-name)*>

<!ELEMENT subject-name (distinguished-name)*>

<!ELEMENT total-cert-entries (#PCDATA)>

<!ELEMENT url (#PCDATA)>

<!ELEMENT validity (not-before | not-after)*>

<!ELEMENT verify-cert-status (cert-verification-status)*>

<!ELEMENT version (#PCDATA)>
```



```
<!ELEMENT x509-certificate-cache-info (service-set-info | cert-flag-info |
issue-info | serial-number-list | public-key | fingerprint |
public-key-contents-list | alternate-subject-list | key-usage-list |
distribution-crl-list | signature-algorithm | identifier | validity | version |
certificate-cache-entry)*>
<!ATTLIST x509-certificate-cache-info junos:style CDATA #IMPLIED>

<!ELEMENT x509-certificate-cache-info-list (x509-certificate-cache-info)*>

<!ELEMENT x509-certificate-info (issue-info | serial-number-list | public-key |
fingerprint | public-key-contents-list | alternate-subject-list | key-usage-list
| distribution-crl-list | signature-algorithm | identifier | validity | version
| auto-re-enrollment | certificate-type | status | issuer | subject)*>
<!ATTLIST x509-certificate-info junos:style CDATA #IMPLIED>

<!ELEMENT x509-crl-information (crl-number | crl-revocation-list | crl-validity
| crl-version | crl-issuer | identifier | crl-issuer-alternate-subject-list |
crl-issuer-detail)*>
<!ATTLIST x509-crl-information junos:style CDATA #IMPLIED>

<!ELEMENT x509-pki-certificate-info-list (x509-certificate-info)*>

<!ELEMENT x509-pki-crl-information-list (x509-crl-information)*>

<!ELEMENT x509-pkid-crl-information-list (pkid-x509-crl-information)*>
```


CHAPTER 63

DTD for PPM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ppm.dtd`, which lists the Junos XML tags that contain information about PPM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-ppm.dtd -->

<!ELEMENT adjacency-bfd-discriminator (#PCDATA)>

<!ELEMENT adjacency-bfd-routing-table-index (#PCDATA)>

<!ELEMENT adjacency-cfm-source-key (#PCDATA)>

<!ELEMENT adjacency-data (protocol | adjacency-holdtime | adjacency-interface-index
| adjacency-no-absorb | adjacency-no-refresh | adjacency-do-not-age |
adjacency-hello-dropped | adjacency-distributed | adjacency-ospf-src-key |
adjacency-ospf-area-id | adjacency-ospf-transit-area-id |
adjacency-ospf-routing-table-index | adjacency-isis-level | adjacency-isis-sysid
| adjacency-esis-type | adjacency-bfd-discriminator |
adjacency-bfd-routing-table-index | adjacency-host | redirection-data |
adjacency-ldp-source | adjacency-ldp-routing-table-index | adjacency-stp-source-key
| adjacency-cfm-source-key | adjacency-pfe-handle | adjacency-pfe-addr)*>

<!ELEMENT adjacency-distributed EMPTY>

<!ELEMENT adjacency-do-not-age EMPTY>

<!ELEMENT adjacency-esis-type (#PCDATA)>

<!ELEMENT adjacency-hello-dropped EMPTY>

<!ELEMENT adjacency-holdtime (#PCDATA)>

<!ELEMENT adjacency-host (#PCDATA)>

<!ELEMENT adjacency-interface-index (#PCDATA)>

<!ELEMENT adjacency-isis-level (#PCDATA)>

<!ELEMENT adjacency-isis-sysid (#PCDATA)>

<!ELEMENT adjacency-ldp-routing-table-index (#PCDATA)>
```

```
<!ELEMENT adjacency-ldp-source (#PCDATA)>

<!ELEMENT adjacency-no-absorb EMPTY>

<!ELEMENT adjacency-no-refresh EMPTY>

<!ELEMENT adjacency-ospf-area-id (#PCDATA)>

<!ELEMENT adjacency-ospf-routing-table-index (#PCDATA)>

<!ELEMENT adjacency-ospf-src-key (#PCDATA)>

<!ELEMENT adjacency-ospf-transit-area-id (#PCDATA)>

<!ELEMENT adjacency-pfe-addr (#PCDATA)>

<!ELEMENT adjacency-pfe-handle (#PCDATA)>

<!ELEMENT adjacency-stp-source-key (#PCDATA)>

<!ELEMENT connection-data (protocol | logical-system-id | number-adjacencies |
number-transmissions)*>

<!ELEMENT interface-data (interface-key | protocol | interface-index |
interface-distributed | interface-pfe-handle | interface-pfe-addr)*>

<!ELEMENT interface-distributed EMPTY>

<!ELEMENT interface-index (#PCDATA)>

<!ELEMENT interface-key (#PCDATA)>

<!ELEMENT interface-pfe-addr (#PCDATA)>

<!ELEMENT interface-pfe-handle (#PCDATA)>

<!ELEMENT logical-system-id (#PCDATA)>

<!ELEMENT number-adjacencies (#PCDATA)>

<!ELEMENT number-transmissions (#PCDATA)>

<!ELEMENT object-data (protocol | object-id | object-key)*>

<!ELEMENT object-id (#PCDATA)>

<!ELEMENT object-key (#PCDATA)>

<!ELEMENT ppm-adjacencies (adjacency-data | total-adjacencies |
remote-adjacencies)*>
<ATTLIST ppm-adjacencies junos:style CDATA #IMPLIED>

<!ELEMENT ppm-connections (connection-data | total-connections |
remote-connections)*>
<ATTLIST ppm-connections junos:style CDATA #IMPLIED>

<!ELEMENT ppm-interfaces (interface-data | total-interfaces | remote-interfaces)*>
<ATTLIST ppm-interfaces junos:style CDATA #IMPLIED>

<!ELEMENT ppm-objects (object-data | total-objects | remote-objects)*>
```

```
<!ATTLIST ppm-objects junos:style CDATA #IMPLIED>

<!ELEMENT ppm-transmissions (transmission-data | total-transmissions |
remote-transmissions)*>
<!ATTLIST ppm-transmissions junos:style CDATA #IMPLIED>

<!ELEMENT ppmd-rules (rule-data | total-rules)*>
<!ATTLIST ppmd-rules junos:style CDATA #IMPLIED>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT redirection-data (redirection-type | redirection-rule-type |
redirection-rule-term-src | redirection-rule-term-port |
redirection-rule-term-action)*>

<!ELEMENT redirection-rule-term-action (#PCDATA)>

<!ELEMENT redirection-rule-term-port (#PCDATA)>

<!ELEMENT redirection-rule-term-src (#PCDATA)>

<!ELEMENT redirection-rule-type (#PCDATA)>

<!ELEMENT redirection-type (#PCDATA)>

<!ELEMENT remote-adjacencies (#PCDATA)>

<!ELEMENT remote-connections (#PCDATA)>

<!ELEMENT remote-interfaces (#PCDATA)>

<!ELEMENT remote-objects (#PCDATA)>

<!ELEMENT remote-transmissions (#PCDATA)>

<!ELEMENT rule-data (rule-key-source | rule-key-port | rule-nexthop |
rule-program)*>

<!ELEMENT rule-key-port (#PCDATA)>

<!ELEMENT rule-key-source (#PCDATA)>

<!ELEMENT rule-nexthop (#PCDATA)>

<!ELEMENT rule-program (#PCDATA)>

<!ELEMENT total-adjacencies (#PCDATA)>

<!ELEMENT total-connections (#PCDATA)>

<!ELEMENT total-interfaces (#PCDATA)>

<!ELEMENT total-objects (#PCDATA)>

<!ELEMENT total-rules (#PCDATA)>

<!ELEMENT total-transmissions (#PCDATA)>

<!ELEMENT transmission-data (transmission-destination | protocol |
transmission-interval | transmission-host | transmission-distributed |
transmission-pfe-handle | transmission-pfe-addr)*>
```

```
<!ELEMENT transmission-destination (#PCDATA)>  
<!ELEMENT transmission-distributed EMPTY>  
<!ELEMENT transmission-host (#PCDATA)>  
<!ELEMENT transmission-interval (#PCDATA)>  
<!ELEMENT transmission-pfe-addr (#PCDATA)>  
<!ELEMENT transmission-pfe-handle (#PCDATA)>
```

CHAPTER 64

DTD for PPP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ppp.dtd`, which lists the Junos XML tags that contain information about PPP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-ppp.dtd -->

<!ELEMENT assigned-address-list (pool-address-assignment)*>

<!ELEMENT assigned-addresses (#PCDATA)>

<!ELEMENT authentication-algorithm (#PCDATA)>

<!ELEMENT authentication-protocol-name (#PCDATA)>

<!ELEMENT bcp-mac-support (#PCDATA)>

<!ELEMENT bcp-tagged-frame (#PCDATA)>

<!ELEMENT bundles-pending (#PCDATA)>

<!ELEMENT configured-addresses (#PCDATA)>

<!ELEMENT endpoint-discriminator-class (#PCDATA)>

<!ELEMENT endpoint-discriminator-identifier (#PCDATA)>

<!ELEMENT high-address (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT ipcp-address (local-address | remote-address)*>

<!ELEMENT ipcp-compression-protocol EMPTY>

<!ELEMENT ipcp-primary-dns (#PCDATA)>

<!ELEMENT ipcp-primary-wins (#PCDATA)>

<!ELEMENT ipcp-secondary-dns (#PCDATA)>

<!ELEMENT ipcp-secondary-wins (#PCDATA)>
```

```
<!ELEMENT ipv6cp-interface-identifier (local-interface-identifier |
remote-interface-identifier)*>

<!ELEMENT lcp-address-compression-field-compression EMPTY>

<!ELEMENT lcp-async-map EMPTY>

<!ELEMENT lcp-authentication-protocol (authentication-protocol-name |
authentication-algorithm)*>

<!ELEMENT lcp-endpoint-discriminator (endpoint-discriminator-class |
endpoint-discriminator-identifier)*>

<!ELEMENT lcp-magic-number (#PCDATA)>

<!ELEMENT lcp-mrru (#PCDATA)>

<!ELEMENT lcp-mru (#PCDATA)>

<!ELEMENT lcp-multilink-header (multilink-header-code |
multilink-header-suspendable-classes)*>

<!ELEMENT lcp-protocol-field-compression EMPTY>

<!ELEMENT lcp-short-sequence EMPTY>

<!ELEMENT local-address (#PCDATA)>

<!ELEMENT local-interface-identifier (#PCDATA)>

<!ELEMENT low-address (#PCDATA)>

<!ELEMENT multilink-header-code (#PCDATA)>

<!ELEMENT multilink-header-suspendable-classes (#PCDATA)>

<!ELEMENT pool-address (#PCDATA)>

<!ELEMENT pool-address-assignment (pool-address | session-name |
pool-address-blocked)*>

<!ELEMENT pool-address-blocked EMPTY>

<!ELEMENT pool-address-list (pool-address)*>

<!ELEMENT pool-name (#PCDATA)>

<!ELEMENT pool-range (low-address | high-address)*>

<!ELEMENT ppp-address-pool-information (pool-name | assigned-addresses |
configured-addresses | pool-range | pool-address-list | assigned-address-list)*>

<!ELEMENT ppp-auth-proto (#PCDATA)>

<!ELEMENT ppp-auth-protocol-information (ppp-state | ppp-last-started |
ppp-last-completed | ppp-auth-proto)*>
<!ATTLIST ppp-auth-protocol-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-destination-profile (pool-name)*>
```



```

<!ELEMENT ppp-interface-information (interface-name | ppp-session)*>
<!ATTLIST ppp-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-last-completed (#PCDATA)>
<!ATTLIST ppp-last-completed junos:seconds CDATA #IMPLIED>

<!ELEMENT ppp-last-started (#PCDATA)>
<!ATTLIST ppp-last-started junos:seconds CDATA #IMPLIED>

<!ELEMENT ppp-memory-statistics (ppp-memory-tag)*>

<!ELEMENT ppp-memory-tag (ppp-memory-tag-name | ppp-memory-tag-size |
ppp-memory-tag-active | ppp-memory-tag-free | ppp-memory-tag-maximum-free |
ppp-memory-tag-requests | ppp-memory-tag-failures | ppp-memory-tag-total)*>

<!ELEMENT ppp-memory-tag-active (#PCDATA)>

<!ELEMENT ppp-memory-tag-failures (#PCDATA)>

<!ELEMENT ppp-memory-tag-free (#PCDATA)>

<!ELEMENT ppp-memory-tag-maximum-free (#PCDATA)>

<!ELEMENT ppp-memory-tag-name (#PCDATA)>

<!ELEMENT ppp-memory-tag-requests (#PCDATA)>

<!ELEMENT ppp-memory-tag-size (#PCDATA)>

<!ELEMENT ppp-memory-tag-total (#PCDATA)>

<!ELEMENT ppp-negotiated-options (ipcp-address | ipcp-compression-protocol |
ipcp-primary-dns | ipcp-primary-wins | ipcp-secondary-dns | ipcp-secondary-wins
| ipv6cp-interface-identifier | bcp-mac-support | bcp-tagged-frame |
lcp-address-compression-field-compression | lcp-async-map |
lcp-authentication-protocol | lcp-endpoint-discriminator | lcp-magic-number |
lcp-mrru | lcp-mru | lcp-multilink-header | lcp-protocol-field-compression |
lcp-short-sequence)*>

<!ELEMENT ppp-protocol (#PCDATA)>

<!ELEMENT ppp-session (session-name | session-type | session-phase | session-flags
| ppp-last-started | ppp-last-completed | ppp-auth-protocol-information |
ppp-session-protocol-information)*>

<!ELEMENT ppp-session-protocol-information (ppp-state | ppp-last-started |
ppp-last-completed | ppp-protocol | ppp-destination-profile |
ppp-negotiated-options)*>
<!ATTLIST ppp-session-protocol-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-session-statistics (sessions-total | sessions-disabled |
sessions-establish | sessions-authenticate | sessions-network | bundles-pending)*>

<!ELEMENT ppp-state (#PCDATA)>

<!ELEMENT ppp-statistics-information (ppp-session-statistics |
ppp-memory-statistics | ppp-subscriber-statistics)*>
<!ATTLIST ppp-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-subscriber-memory-pool (ppp-subscriber-memory-pool-name |
ppp-subscriber-memory-pool-entry-size | ppp-subscriber-memory-pool-entries |

```

```
ppp-subscriber-memory-pool-free | ppp-subscriber-memory-pool-maximum-free |
ppp-subscriber-memory-pool-requests | ppp-subscriber-memory-pool-failures |
ppp-subscriber-memory-pool-total)*>

<!ELEMENT ppp-subscriber-memory-pool-entries (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-entry-size (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-failures (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-free (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-maximum-free (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-name (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-requests (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-pool-total (#PCDATA)>

<!ELEMENT ppp-subscriber-memory-statistics (ppp-subscriber-memory-pool)*>

<!ELEMENT ppp-subscriber-session-statistics (subscriber-sessions-total |
subscriber-sessions-disabled | subscriber-sessions-establish |
subscriber-sessions-authenticate | subscriber-sessions-network)*>

<!ELEMENT ppp-subscriber-statistics (ppp-subscriber-session-statistics |
ppp-subscriber-memory-statistics)*>

<!ELEMENT ppp-subscriber-summary-information (ppp-session)*>

<!ELEMENT ppp-subscriber-summary-noheader-information (ppp-session)*>

<!ELEMENT ppp-summary-information (ppp-session)*>

<!ELEMENT remote-address (#PCDATA)>

<!ELEMENT remote-interface-identifier (#PCDATA)>

<!ELEMENT session-always-up EMPTY>

<!ELEMENT session-bundled EMPTY>

<!ELEMENT session-flags (session-bundled | session-ncp-only | session-always-up
| session-tcc | session-looped | session-monitored)*>

<!ELEMENT session-looped EMPTY>

<!ELEMENT session-monitored EMPTY>

<!ELEMENT session-name (#PCDATA)>

<!ELEMENT session-ncp-only EMPTY>

<!ELEMENT session-phase (#PCDATA)>

<!ELEMENT session-tcc EMPTY>

<!ELEMENT session-type (#PCDATA)>

<!ELEMENT sessions-authenticate (#PCDATA)>
```

```
<!ELEMENT sessions-disabled (#PCDATA)>
<!ELEMENT sessions-establish (#PCDATA)>
<!ELEMENT sessions-network (#PCDATA)>
<!ELEMENT sessions-total (#PCDATA)>
<!ELEMENT subscriber-sessions-authenticate (#PCDATA)>
<!ELEMENT subscriber-sessions-disabled (#PCDATA)>
<!ELEMENT subscriber-sessions-establish (#PCDATA)>
<!ELEMENT subscriber-sessions-network (#PCDATA)>
<!ELEMENT subscriber-sessions-total (#PCDATA)>
```


DTD for UDP PPPoED Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-pppoed.dtd`, which lists the Junos XML tags that contain information about UDP PPPoED. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-pppoed.dtd -->

<!ELEMENT ac-name (#PCDATA)>

<!ELEMENT ac-name-config (#PCDATA)>

<!ELEMENT ac-name-session (#PCDATA)>

<!ELEMENT acsystem-err-received (#PCDATA)>

<!ELEMENT acsystem-err-sent (#PCDATA)>

<!ELEMENT active-sessions (#PCDATA)>

<!ELEMENT agent-circuit-id (#PCDATA)>

<!ELEMENT agent-remote-id (#PCDATA)>

<!ELEMENT auto-reconnect (#PCDATA)>

<!ELEMENT current-bandwidth (#PCDATA)>

<!ELEMENT duplicate-protection (#PCDATA)>

<!ELEMENT dynamic-interface-bandwidth (#PCDATA)>

<!ELEMENT dynamic-profile (#PCDATA)>

<!ELEMENT generic-err-received (#PCDATA)>

<!ELEMENT generic-err-sent (#PCDATA)>

<!ELEMENT idle-timeout (#PCDATA)>

<!ELEMENT ifl-type (#PCDATA)>

<!ELEMENT interface-index (#PCDATA)>
```

```
<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT latency (#PCDATA)>

<!ELEMENT malformed-pkt-received (#PCDATA)>

<!ELEMENT max-ac-tmo (#PCDATA)>

<!ELEMENT max-bandwidth (#PCDATA)>

<!ELEMENT max-resend-tmo (#PCDATA)>

<!ELEMENT max-sessions (#PCDATA)>

<!ELEMENT padc-received (#PCDATA)>

<!ELEMENT padc-sent (#PCDATA)>

<!ELEMENT padg-credits (#PCDATA)>

<!ELEMENT padg-received (#PCDATA)>

<!ELEMENT padg-sent (#PCDATA)>

<!ELEMENT padi-received (#PCDATA)>

<!ELEMENT padi-resend-tmo (#PCDATA)>

<!ELEMENT padi-sent (#PCDATA)>

<!ELEMENT padi-tmo (#PCDATA)>

<!ELEMENT padm-hurl (#PCDATA)>

<!ELEMENT padm-motm (#PCDATA)>

<!ELEMENT padm-received (#PCDATA)>

<!ELEMENT padm-sent (#PCDATA)>

<!ELEMENT padn-received (#PCDATA)>

<!ELEMENT padn-sent (#PCDATA)>

<!ELEMENT pado-received (#PCDATA)>

<!ELEMENT pado-sent (#PCDATA)>

<!ELEMENT pado-tmo (#PCDATA)>

<!ELEMENT padq (current-bandwidth | max-bandwidth | quality | resources |
latency)*>

<!ELEMENT padq-received (#PCDATA)>

<!ELEMENT padq-sent (#PCDATA)>

<!ELEMENT padr-received (#PCDATA)>

<!ELEMENT padr-resend-tmo (#PCDATA)>
```

```

<!ELEMENT padr-sent (#PCDATA)>

<!ELEMENT padr-tmo (#PCDATA)>

<!ELEMENT pads-received (#PCDATA)>

<!ELEMENT pads-sent (#PCDATA)>

<!ELEMENT padt-received (#PCDATA)>

<!ELEMENT padt-sent (#PCDATA)>

<!ELEMENT pppoe-aci-ari-entry (agent-circuit-id | agent-remote-id | service-action
    | dynamic-profile | routing-instance | static-interface)*>

<!ELEMENT pppoe-counters (padi-sent | padi-received | pado-sent | pado-received
    | padr-sent | padr-received | pads-sent | pads-received | padt-sent | padt-received
    | padm-sent | padm-received | padn-sent | padn-received | padg-sent |
    padg-received | padc-sent | padc-received | padq-sent | padq-received |
    servname-err-sent | servname-err-received | acsystem-err-sent |
    acsystem-err-received | generic-err-sent | generic-err-received |
    malformed-pkt-received | unknown-pkt-received | padi-tmo | pado-tmo | padr-tmo)*>

<!ELEMENT pppoe-credit-scale-factor (#PCDATA)>

<!ELEMENT pppoe-credits (#PCDATA)>

<!ELEMENT pppoe-interface (interface-name | interface-index |
    underlying-interface-name | underlying-interface-index | state | ifl-type |
    session-id | ac-name-config | ac-name-session | service-name | remote-mac |
    auto-reconnect | idle-timeout | session-uptime | dynamic-profile | pppoe-credits
    | pppoe-credit-scale-factor | dynamic-interface-bandwidth | agent-circuit-id |
    agent-remote-id | padm-motm | padm-hurl | padg-credits)*>

<!ELEMENT pppoe-interface-information (pppoe-interface)*>
<ATTLIST pppoe-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT pppoe-padq-received (padq)*>

<!ELEMENT pppoe-service-name (service-name | service-action | dynamic-profile |
    routing-instance | max-sessions | active-sessions | pppoe-aci-ari-entry)*>

<!ELEMENT pppoe-service-name-table-information (service-name-table |
    pppoe-service-name)*>

<!ELEMENT pppoe-statistics (active-sessions | pppoe-counters)*>

<!ELEMENT pppoe-statistics-information (pppoe-statistics)*>

<!ELEMENT pppoe-underlying-interface (underlying-interface-name |
    underlying-interface-index | state | dynamic-profile | max-sessions |
    active-sessions | ac-name | service-name-table | duplicate-protection)*>

<!ELEMENT pppoe-underlying-interface-information (pppoe-underlying-interface)*>
<ATTLIST pppoe-underlying-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT pppoe-version (max-sessions | padi-resend-tmo | padr-resend-tmo |
    max-resend-tmo | max-ac-tmo)*>

<!ELEMENT quality (#PCDATA)>

```

```
<!ELEMENT remote-mac (#PCDATA)>
<!ELEMENT resources (#PCDATA)>
<!ELEMENT routing-instance (#PCDATA)>
<!ELEMENT service-action (#PCDATA)>
<!ELEMENT service-name (#PCDATA)>
<!ELEMENT service-name-table (#PCDATA)>
<!ELEMENT servname-err-received (#PCDATA)>
<!ELEMENT servname-err-sent (#PCDATA)>
<!ELEMENT session-id (#PCDATA)>
<!ELEMENT session-uptime (#PCDATA)>
<!ELEMENT state (#PCDATA)>
<!ELEMENT static-interface (#PCDATA)>
<!ELEMENT underlying-interface-index (#PCDATA)>
<!ELEMENT underlying-interface-name (#PCDATA)>
<!ELEMENT unknown-pkt-received (#PCDATA)>
```


CHAPTER 66

DTD for Probe Tests Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-probe-tests.dtd`, which lists the Junos XML tags that contain information about probe tests. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-probe-tests.dtd -->

<!ELEMENT date-determined (#PCDATA)>
<!ATTLIST date-determined junos:seconds CDATA #IMPLIED>

<!ELEMENT hop (ttl-value | percent-loss | icmp-extension | probe-result)*>

<!ELEMENT host-name (#PCDATA)>

<!ELEMENT icmp-code (icmp-code-none | icmp-unreach-net | icmp-unreach-host |
icmp-unreach-protocol | icmp-unreach-port | icmp-unreach-needfrag |
icmp-unreach-srcfail | icmp-unreach-net-unknown | icmp-unreach-host-unknown |
icmp-unreach-isolated | icmp-unreach-net-prohib | icmp-unreach-host-prohib |
icmp-unreach-tosnet | icmp-unreach-toshost | icmp-unreach-filter-prohib |
icmp-unreach-host-precedence | icmp-unreach-precedence-cutoff | icmp-redirect-net
| icmp-redirect-host | icmp-redirect-tosnet | icmp-redirect-toshost |
icmp-timxceed-intrans | icmp-timxceed-reass | icmp-paramprob-optabsent |
icmp6-unreach-noroute | icmp6-unreach-admin | icmp6-unreach-beyond-scope |
icmp6-unreach-address | icmp6-unreach-port | icmp6-time-exceed-transit |
icmp6-time-exceed-reassembly | icmp6-parameter-problem-header |
icmp6-parameter-problem-nexthead | icmp6-parameter-problem-option |
icmp6-ni-subject-ipv6 | icmp6-ni-subject-fqdn | icmp6-ni-subject-ipv4 |
icmp6-ni-success | icmp6-ni-refused | icmp6-ni-unknown)*>
<!ATTLIST icmp-code integer-code-value CDATA #IMPLIED>

<!ELEMENT icmp-code-none EMPTY>

<!ELEMENT icmp-echo EMPTY>

<!ELEMENT icmp-echoreply EMPTY>

<!ELEMENT icmp-extension (#PCDATA)>

<!ELEMENT icmp-ireq EMPTY>

<!ELEMENT icmp-ireqreply EMPTY>
```

```
<!ELEMENT icmp-maskreply EMPTY>

<!ELEMENT icmp-maskreq EMPTY>

<!ELEMENT icmp-paramprob EMPTY>

<!ELEMENT icmp-paramprob-optabsent EMPTY>

<!ELEMENT icmp-redirect EMPTY>

<!ELEMENT icmp-redirect-host EMPTY>

<!ELEMENT icmp-redirect-net EMPTY>

<!ELEMENT icmp-redirect-toshost EMPTY>

<!ELEMENT icmp-redirect-tosnet EMPTY>

<!ELEMENT icmp-routeradvert EMPTY>

<!ELEMENT icmp-routersolicit EMPTY>

<!ELEMENT icmp-sourcequench EMPTY>

<!ELEMENT icmp-timxceed EMPTY>

<!ELEMENT icmp-timxceed-intrans EMPTY>

<!ELEMENT icmp-timxceed-reass EMPTY>

<!ELEMENT icmp-tstamp EMPTY>

<!ELEMENT icmp-tstampreply EMPTY>

<!ELEMENT icmp-type (icmp-type-none | icmp-echoreply | icmp-unreach |
icmp-sourcequench | icmp-redirect | icmp-echo | icmp-routeradvert |
icmp-routersolicit | icmp-timxceed | icmp-paramprob | icmp-tstamp |
icmp-tstampreply | icmp-ireq | icmp-ireqreply | icmp-maskreq | icmp-maskreply |
icmp6-unreach | icmp6-packet-too-big | icmp6-time-exceeded |
icmp6-parameter-problem | icmp6-echo-request | icmp6-echo-reply |
icmp6-membership-query | icmp6-membership-report | icmp6-membership-reduction |
icmp6-router-solicit | icmp6-router-advert | icmp6-neighbor-solicit |
icmp6-neighbor-advert | icmp6-redirect | icmp6-router-renumbering | icmp6-ni-query
| icmp6-ni-reply)*>
<!ATTLIST icmp-type integer-type-value CDATA #IMPLIED>

<!ELEMENT icmp-type-none EMPTY>

<!ELEMENT icmp-unreach EMPTY>

<!ELEMENT icmp-unreach-filter-prohib EMPTY>

<!ELEMENT icmp-unreach-host EMPTY>

<!ELEMENT icmp-unreach-host-precedence EMPTY>

<!ELEMENT icmp-unreach-host-prohib EMPTY>

<!ELEMENT icmp-unreach-host-unknown EMPTY>

<!ELEMENT icmp-unreach-isolated EMPTY>
```

```
<!ELEMENT icmp-unreach-needfrag EMPTY>

<!ELEMENT icmp-unreach-net EMPTY>

<!ELEMENT icmp-unreach-net-prohib EMPTY>

<!ELEMENT icmp-unreach-net-unknown EMPTY>

<!ELEMENT icmp-unreach-port EMPTY>

<!ELEMENT icmp-unreach-precedence-cutoff EMPTY>

<!ELEMENT icmp-unreach-protocol EMPTY>

<!ELEMENT icmp-unreach-srcfail EMPTY>

<!ELEMENT icmp-unreach-toshost EMPTY>

<!ELEMENT icmp-unreach-tosnet EMPTY>

<!ELEMENT icmp6-echo-reply EMPTY>

<!ELEMENT icmp6-echo-request EMPTY>

<!ELEMENT icmp6-membership-query EMPTY>

<!ELEMENT icmp6-membership-reduction EMPTY>

<!ELEMENT icmp6-membership-report EMPTY>

<!ELEMENT icmp6-neighbor-advert EMPTY>

<!ELEMENT icmp6-neighbor-solicit EMPTY>

<!ELEMENT icmp6-ni-query EMPTY>

<!ELEMENT icmp6-ni-refused EMPTY>

<!ELEMENT icmp6-ni-reply EMPTY>

<!ELEMENT icmp6-ni-subject-fqdn EMPTY>

<!ELEMENT icmp6-ni-subject-ipv4 EMPTY>

<!ELEMENT icmp6-ni-subject-ipv6 EMPTY>

<!ELEMENT icmp6-ni-success EMPTY>

<!ELEMENT icmp6-ni-unknown EMPTY>

<!ELEMENT icmp6-packet-too-big EMPTY>

<!ELEMENT icmp6-parameter-problem EMPTY>

<!ELEMENT icmp6-parameter-problem-header EMPTY>

<!ELEMENT icmp6-parameter-problem-nextheader EMPTY>

<!ELEMENT icmp6-parameter-problem-option EMPTY>
```

```
<!ELEMENT icmp6-redirect EMPTY>

<!ELEMENT icmp6-router-advert EMPTY>

<!ELEMENT icmp6-router-renumbering EMPTY>

<!ELEMENT icmp6-router-solicit EMPTY>

<!ELEMENT icmp6-time-exceed-reassembly EMPTY>

<!ELEMENT icmp6-time-exceed-transit EMPTY>

<!ELEMENT icmp6-time-exceeded EMPTY>

<!ELEMENT icmp6-unreach EMPTY>

<!ELEMENT icmp6-unreach-address EMPTY>

<!ELEMENT icmp6-unreach-admin EMPTY>

<!ELEMENT icmp6-unreach-beyond-scope EMPTY>

<!ELEMENT icmp6-unreach-noroute EMPTY>

<!ELEMENT icmp6-unreach-port EMPTY>

<!ELEMENT ingress-interface (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT ip-options (record-route | loose-source-route | strict-source-route)*>

<!ELEMENT loose-source-route (record-route-host)*>

<!ELEMENT lsping-error-packets (#PCDATA)>

<!ELEMENT lsping-failure (#PCDATA)>

<!ELEMENT lsping-interface-index (#PCDATA)>

<!ELEMENT lsping-ip-address (#PCDATA)>

<!ELEMENT lsping-label (#PCDATA)>

<!ELEMENT lsping-local-transmit-time (#PCDATA)>

<!ELEMENT lsping-local-transmit-time-us (#PCDATA)>

<!ELEMENT lsping-mtu (#PCDATA)>

<!ELEMENT lsping-packet-loss (#PCDATA)>

<!ELEMENT lsping-packet-size (#PCDATA)>

<!ELEMENT lsping-packets-received (#PCDATA)>

<!ELEMENT lsping-packets-transmitted (#PCDATA)>

<!ELEMENT lsping-probe-reply (lsping-sequence-number | lsping-return-code |
lsping-ip-address | lsping-round-trip-time | lsping-local-transmit-time |
lsping-local-transmit-time-us | lsping-remote-receive-time |
```

```

    lsping-remote-receive-time-us)*>

<!ELEMENT lsping-probe-request (lsping-sequence-number | lsping-interface-index
| lsping-label | lsping-packet-size)*>

<!ELEMENT lsping-remote-receive-time (#PCDATA)>

<!ELEMENT lsping-remote-receive-time-us (#PCDATA)>

<!ELEMENT lsping-results (lsping-route-comment | lsping-probe-request |
lsping-probe-reply | lsping-results-summary | vpls-ping-results-summary |
lsping-sweep-summary | lsping-success | lsping-failure)*>

<!ELEMENT lsping-results-summary (lsping-packets-transmitted |
lsping-packets-received | lsping-packet-loss | lsping-error-packets)*>

<!ELEMENT lsping-return-code (#PCDATA)>

<!ELEMENT lsping-round-trip-time (#PCDATA)>

<!ELEMENT lsping-route-comment (#PCDATA)>

<!ELEMENT lsping-sequence-number (#PCDATA)>

<!ELEMENT lsping-success EMPTY>

<!ELEMENT lsping-sweep-summary (lsping-mtu)*>

<!ELEMENT max-hop-index (#PCDATA)>

<!ELEMENT packet-loss (#PCDATA)>

<!ELEMENT packet-size (#PCDATA)>

<!ELEMENT percent-loss (#PCDATA)>

<!ELEMENT ping-failure (#PCDATA)>

<!ELEMENT ping-results (target-host | source | target-ip | packet-size |
probe-result | probe-results-summary | ping-success | ping-failure)*>

<!ELEMENT ping-success EMPTY>

<!ELEMENT probe-duplicate EMPTY>

<!ELEMENT probe-failure (#PCDATA)>

<!ELEMENT probe-index (#PCDATA)>

<!ELEMENT probe-reached EMPTY>

<!ELEMENT probe-result (date-determined | probe-index | sequence-number |
time-to-live | response-size | rtt | ingress-interface | icmp-type | icmp-code |
ip-address | host-name | ip-options | probe-success | probe-duplicate |
probe-reached | probe-failure)*>

<!ELEMENT probe-results-summary (probes-sent | responses-received | packet-loss
| response-duplicates | response-unexpected-sequence | rtt-minimum | rtt-average
| rtt-maximum | rtt-stddev)*>

<!ELEMENT probe-success EMPTY>

```

```
<!ELEMENT probes-sent (#PCDATA)>

<!ELEMENT record-route (record-route-host)*>

<!ELEMENT record-route-host (ip-address | host-name)*>

<!ELEMENT response-duplicates (#PCDATA)>

<!ELEMENT response-size (#PCDATA)>

<!ELEMENT response-unexpected-sequence (#PCDATA)>

<!ELEMENT responses-received (#PCDATA)>

<!ELEMENT rtt (#PCDATA)>

<!ELEMENT rtt-average (#PCDATA)>

<!ELEMENT rtt-maximum (#PCDATA)>

<!ELEMENT rtt-minimum (#PCDATA)>

<!ELEMENT rtt-stddev (#PCDATA)>

<!ELEMENT sequence-number (#PCDATA)>

<!ELEMENT source (#PCDATA)>

<!ELEMENT strict-source-route (record-route-host)*>

<!ELEMENT target-host (#PCDATA)>

<!ELEMENT target-ip (#PCDATA)>

<!ELEMENT time-to-live (#PCDATA)>

<!ELEMENT traceroute-failure (#PCDATA)>

<!ELEMENT traceroute-results (target-host | source | target-ip | packet-size |
max-hop-index | hop | traceroute-success | traceroute-failure)*>

<!ELEMENT traceroute-success EMPTY>

<!ELEMENT ttl-value (#PCDATA)>

<!ELEMENT vpls-ping-results-summary (lsping-packets-transmitted |
lsping-packets-received | lsping-packet-loss | lsping-error-packets)*>
```

CHAPTER 67

DTD for System Process Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-process.dtd`, which lists the Junos XML tags that contain information about system processes. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-process.dtd -->

<!ELEMENT address (#PCDATA)>

<!ELEMENT advisory-lock EMPTY>

<!ELEMENT alias (#PCDATA)>

<!ELEMENT argument (#PCDATA)>

<!ELEMENT argument-index (#PCDATA)>

<!ELEMENT block-input-operation (#PCDATA)>

<!ELEMENT block-output-operation (#PCDATA)>

<!ELEMENT command (#PCDATA)>

<!ELEMENT command-line-argument (argument-index | argument)*>

<!ELEMENT command-line-argument-list (command-line-argument)*>

<!ELEMENT controlling-terminal EMPTY>

<!ELEMENT cpu-idle-time (#PCDATA)>

<!ELEMENT cpu-idle-time-percent (#PCDATA)>

<!ELEMENT cpu-interrupts-time (#PCDATA)>

<!ELEMENT cpu-interrupts-time-percent (#PCDATA)>

<!ELEMENT cpu-load (#PCDATA)>

<!ELEMENT cpu-nice-time (#PCDATA)>

<!ELEMENT cpu-nice-time-percent (#PCDATA)>
```

```
<!ELEMENT cpu-system-time (#PCDATA)>

<!ELEMENT cpu-system-time-percent (#PCDATA)>

<!ELEMENT cpu-total-time (#PCDATA)>

<!ELEMENT cpu-user-time (#PCDATA)>

<!ELEMENT cpu-user-time-percent (#PCDATA)>

<!ELEMENT data-size (#PCDATA)>
<ATTLIST data-size junos:pages CDATA #IMPLIED>

<!ELEMENT debug-trace EMPTY>

<!ELEMENT debug-wait EMPTY>

<!ELEMENT exec EMPTY>

<!ELEMENT exiting EMPTY>

<!ELEMENT external-identifier (#PCDATA)>

<!ELEMENT in-memory EMPTY>

<!ELEMENT interruptible EMPTY>

<!ELEMENT involuntary-context-switch (#PCDATA)>

<!ELEMENT load-average-fifteen-minute (#PCDATA)>

<!ELEMENT load-average-five-minute (#PCDATA)>

<!ELEMENT load-average-one-minute (#PCDATA)>

<!ELEMENT login-id (#PCDATA)>

<!ELEMENT maximum-resident-set (#PCDATA)>

<!ELEMENT memory-load (#PCDATA)>

<!ELEMENT memory-page-size (#PCDATA)>

<!ELEMENT memory-statistics (memory-load | virtual-size | resident-set-size |
resident-set-before-swap | text-size | data-size | stack-size)*>

<!ELEMENT messages-received (#PCDATA)>

<!ELEMENT messages-sent (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT nice (#PCDATA)>

<!ELEMENT page-faults (#PCDATA)>

<!ELEMENT page-reclaims (#PCDATA)>

<!ELEMENT parent-process-id (#PCDATA)>
```



```

<!ELEMENT physical-memory-pages (#PCDATA)>

<!ELEMENT primary-instance EMPTY>

<!ELEMENT priority (#PCDATA)>

<!ELEMENT process (process-id | name | alias | external-identifier |
primary-instance | login-id | start-time | parent-process-id | process-group-id
| command | command-line-argument-list | terminal-device | priority | nice |
process-status | process-flags | sleep-information | resource-usage |
memory-statistics)*>

<!ELEMENT process-flags (interruptible | advisory-lock | controlling-terminal |
in-memory | wait-child | profiling | select | set-id-privileges | system-process
| timing-out | debug-trace | debug-wait | exiting | exec)*>

<!ELEMENT process-group-id (#PCDATA)>

<!ELEMENT process-id (#PCDATA)>

<!ELEMENT process-information (scale-information | process | system-information)*>

<!ELEMENT process-run (#PCDATA)>

<!ELEMENT process-sleep (#PCDATA)>

<!ELEMENT process-start (#PCDATA)>

<!ELEMENT process-status (#PCDATA)>

<!ELEMENT process-stop (#PCDATA)>

<!ELEMENT process-total (#PCDATA)>

<!ELEMENT process-zombie (#PCDATA)>

<!ELEMENT profiling EMPTY>

<!ELEMENT reason (#PCDATA)>

<!ELEMENT resident-set-before-swap (#PCDATA)>
<!ATTLIST resident-set-before-swap junos:pages CDATA #IMPLIED>

<!ELEMENT resident-set-size (#PCDATA)>
<!ATTLIST resident-set-size junos:pages CDATA #IMPLIED>

<!ELEMENT resource-usage (cpu-load | user-time | system-time | maximum-resident-set
| page-reclaims | page-faults | swaps | block-input-operation |
block-output-operation | messages-sent | messages-received | signals |
voluntary-context-switch | involuntary-context-switch)*>

<!ELEMENT scale-information (memory-page-size | physical-memory-pages)*>

<!ELEMENT select EMPTY>

<!ELEMENT set-id-privileges EMPTY>

<!ELEMENT signals (#PCDATA)>

<!ELEMENT sleep-information (reason | address)*>

```

```
<!ELEMENT stack-size (#PCDATA)>
<!ATTLIST stack-size junos:pages CDATA #IMPLIED>

<!ELEMENT start-time (#PCDATA)>
<!ATTLIST start-time junos:seconds CDATA #IMPLIED>

<!ELEMENT swaps (#PCDATA)>

<!ELEMENT system-boot-device (#PCDATA)>

<!ELEMENT system-boot-next-device (#PCDATA)>

<!ELEMENT system-cpu-states (cpu-total-time | cpu-user-time | cpu-user-time-percent
| cpu-nice-time | cpu-nice-time-percent | cpu-system-time |
cpu-system-time-percent | cpu-interrupts-time | cpu-interrupts-time-percent |
cpu-idle-time | cpu-idle-time-percent)*>

<!ELEMENT system-hardware-cpu-architecture (#PCDATA)>

<!ELEMENT system-hardware-cpu-count (#PCDATA)>

<!ELEMENT system-hardware-cpu-model (#PCDATA)>

<!ELEMENT system-hardware-page-available (#PCDATA)>

<!ELEMENT system-hardware-page-size (#PCDATA)>

<!ELEMENT system-hardware-physical-memory (#PCDATA)>

<!ELEMENT system-hardware-routing-engine-model (#PCDATA)>

<!ELEMENT system-hardware-routing-engine-name (#PCDATA)>

<!ELEMENT system-hardware-routing-engine-other-alive EMPTY>

<!ELEMENT system-hardware-routing-engine-other-present EMPTY>

<!ELEMENT system-hardware-routing-engine-serial-number (#PCDATA)>

<!ELEMENT system-hardware-user-memory (#PCDATA)>

<!ELEMENT system-information (system-hardware-cpu-architecture |
system-hardware-cpu-model | system-hardware-cpu-count | system-boot-device |
system-boot-next-device | system-hardware-physical-memory |
system-hardware-user-memory | system-hardware-page-size |
system-virtual-memory-page-size | system-hardware-page-available |
system-hardware-routing-engine-name | system-hardware-routing-engine-model |
system-hardware-routing-engine-serial-number |
system-hardware-routing-engine-other-present |
system-hardware-routing-engine-other-alive | system-virtual-memory-swap-enabled
| system-virtual-memory-context-switches | system-virtual-memory-trap |
system-virtual-memory-syscall | system-virtual-memory-hard-interrupts |
system-virtual-memory-soft-interrupts | system-virtual-memory-faults |
system-virtual-memory-copy-on-write-faults |
system-virtual-memory-copy-on-write-optimized | system-virtual-memory-zeroed-pages
| system-virtual-memory-zeroed-pages-optimized | system-virtual-memory-swapin |
system-virtual-memory-swapout | system-virtual-memory-swapped-in-pages |
system-virtual-memory-swapped-out-pages | system-virtual-memory-reactivated-pages
| system-virtual-memory-vnode-in | system-virtual-memory-vnode-out |
system-virtual-memory-vnode-page-ins | system-virtual-memory-vnode-page-outs |
system-virtual-memory-pager-wakes | system-virtual-memory-pager-scans |
```

```
system-virtual-memory-page-count | system-virtual-memory-free-reserved |
system-virtual-memory-free-minimum | system-virtual-memory-free-pages |
system-virtual-memory-wired-pages | system-virtual-memory-active-pages |
system-virtual-memory-cache-pages | system-virtual-memory-cache-pages-minimum |
system-virtual-memory-cache-pages-maximum | system-virtual-memory-load-averages
| system-last-pid | system-process-counts | system-cpu-states)*>

<!ELEMENT system-last-pid (#PCDATA)>

<!ELEMENT system-process EMPTY>

<!ELEMENT system-process-counts (process-total | process-run | process-sleep |
process-start | process-stop | process-zombie)*>

<!ELEMENT system-time (#PCDATA)>
<!ATTLIST system-time junos:seconds CDATA #IMPLIED>
<!ATTLIST system-time junos:microseconds CDATA #IMPLIED>

<!ELEMENT system-virtual-memory-active-pages (#PCDATA)>

<!ELEMENT system-virtual-memory-cache-pages (#PCDATA)>

<!ELEMENT system-virtual-memory-cache-pages-maximum (#PCDATA)>

<!ELEMENT system-virtual-memory-cache-pages-minimum (#PCDATA)>

<!ELEMENT system-virtual-memory-context-switches (#PCDATA)>

<!ELEMENT system-virtual-memory-copy-on-write-faults (#PCDATA)>

<!ELEMENT system-virtual-memory-copy-on-write-optimized (#PCDATA)>

<!ELEMENT system-virtual-memory-faults (#PCDATA)>

<!ELEMENT system-virtual-memory-free-minimum (#PCDATA)>

<!ELEMENT system-virtual-memory-free-pages (#PCDATA)>

<!ELEMENT system-virtual-memory-free-reserved (#PCDATA)>

<!ELEMENT system-virtual-memory-hard-interrupts (#PCDATA)>

<!ELEMENT system-virtual-memory-load-averages (load-average-one-minute |
load-average-five-minute | load-average-fifteen-minute)*>

<!ELEMENT system-virtual-memory-page-count (#PCDATA)>

<!ELEMENT system-virtual-memory-page-size (#PCDATA)>

<!ELEMENT system-virtual-memory-pager-scans (#PCDATA)>

<!ELEMENT system-virtual-memory-pager-wakes (#PCDATA)>

<!ELEMENT system-virtual-memory-reactivated-pages (#PCDATA)>

<!ELEMENT system-virtual-memory-soft-interrupts (#PCDATA)>

<!ELEMENT system-virtual-memory-swap-enabled EMPTY>

<!ELEMENT system-virtual-memory-swapin (#PCDATA)>
```

```
<!ELEMENT system-virtual-memory-swapout (#PCDATA)>
<!ELEMENT system-virtual-memory-swapped-in-pages (#PCDATA)>
<!ELEMENT system-virtual-memory-swapped-out-pages (#PCDATA)>
<!ELEMENT system-virtual-memory-syscall (#PCDATA)>
<!ELEMENT system-virtual-memory-trap (#PCDATA)>
<!ELEMENT system-virtual-memory-vnode-in (#PCDATA)>
<!ELEMENT system-virtual-memory-vnode-out (#PCDATA)>
<!ELEMENT system-virtual-memory-vnode-page-ins (#PCDATA)>
<!ELEMENT system-virtual-memory-vnode-page-outs (#PCDATA)>
<!ELEMENT system-virtual-memory-wired-pages (#PCDATA)>
<!ELEMENT system-virtual-memory-zeroed-pages (#PCDATA)>
<!ELEMENT system-virtual-memory-zeroed-pages-optimized (#PCDATA)>
<!ELEMENT terminal-device (#PCDATA)>
<!ELEMENT text-size (#PCDATA)>
<!-- ATTENTION: text-size junos:pages CDATA #IMPLIED -->
<!ELEMENT timing-out EMPTY>
<!ELEMENT user-time (#PCDATA)>
<!-- ATTENTION: user-time junos:seconds CDATA #IMPLIED -->
<!-- ATTENTION: user-time junos:microseconds CDATA #IMPLIED -->
<!ELEMENT virtual-size (#PCDATA)>
<!ELEMENT voluntary-context-switch (#PCDATA)>
<!ELEMENT wait-child EMPTY>
```

CHAPTER 68

DTD for Product Metadata Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-productmetadata.dtd`, which lists the Junos XML tags that contain information about product metadata. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-productmetadata.dtd -->

<!ELEMENT defaults (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT factory (#PCDATA)>

<!ELEMENT flag (#PCDATA)>

<!ELEMENT max-chassis (#PCDATA)>

<!ELEMENT max-fpc-per-chassis (#PCDATA)>

<!ELEMENT max-fpc-per-router (#PCDATA)>

<!ELEMENT max-fwd-classes (#PCDATA)>

<!ELEMENT max-pem-per-chassis (#PCDATA)>

<!ELEMENT max-pfe-per-slot (#PCDATA)>

<!ELEMENT max-pics-per-slot (#PCDATA)>

<!ELEMENT max-re (#PCDATA)>

<!ELEMENT max-sfm (#PCDATA)>

<!ELEMENT max-sib-per-chassis (#PCDATA)>

<!ELEMENT max-symb-per-chassis (#PCDATA)>

<!ELEMENT model (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT product (model | product-number | series | product-line | name |
```

```
description | flag | max-fpc-per-router | max-fpc-per-chassis | max-pics-per-slot  
| max-sfm | max-pfe-per-slot | max-re | max-chassis | max-spm-per-chassis |  
max-sib-per-chassis | max-pem-per-chassis | max-fwd-classes | defaults | factory)*>
```

```
<!--ELEMENT product-line (#PCDATA)-->
```

```
<!--ELEMENT product-metadata-information (product)*-->
```

```
<!--ELEMENT product-number (#PCDATA)-->
```

```
<!--ELEMENT series (#PCDATA)-->
```

CHAPTER 69

DTD for R2CPD Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-r2cpd.dtd`, which lists the Junos XML tags that contain information about R2CPD. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->  
<!-- All rights reserved. -->  
<!-- junos-r2cpd.dtd -->
```

```
<!ELEMENT below-threshold (#PCDATA)>
```

```
<!ELEMENT current-bandwidth (#PCDATA)>
```

```
<!ELEMENT effective-bandwidth (#PCDATA)>
```

```
<!ELEMENT heartbeat-err (#PCDATA)>
```

```
<!ELEMENT heartbeat-recv (#PCDATA)>
```

```
<!ELEMENT heartbeat-sent (#PCDATA)>
```

```
<!ELEMENT heartbeat-tmo (#PCDATA)>
```

```
<!ELEMENT iflctl-name (#PCDATA)>
```

```
<!ELEMENT ifldata-name (#PCDATA)>
```

```
<!ELEMENT items-cleared (#PCDATA)>
```

```
<!ELEMENT last-change (#PCDATA)>
```

```
<!ELEMENT last-received (#PCDATA)>
```

```
<!ELEMENT latency (#PCDATA)>
```

```
<!ELEMENT mac-address (#PCDATA)>
```

```
<!ELEMENT max-bandwidth (#PCDATA)>
```

```
<!ELEMENT mim-err (#PCDATA)>
```

```
<!ELEMENT mim-recv (#PCDATA)>
```

```
<!ELEMENT node-client-address (#PCDATA)>
```

```
<!ELEMENT node-client-port (#PCDATA)>

<!ELEMENT node-count (#PCDATA)>

<!ELEMENT node-hbinterval (#PCDATA)>

<!ELEMENT node-hbtime (#PCDATA)>

<!ELEMENT node-name (#PCDATA)>

<!ELEMENT node-sessions (#PCDATA)>

<!ELEMENT node-status (#PCDATA)>

<!ELEMENT node-uptime (#PCDATA)>

<!ELEMENT nterm-ack-err (#PCDATA)>

<!ELEMENT nterm-ack-recv (#PCDATA)>

<!ELEMENT nterm-ack-sent (#PCDATA)>

<!ELEMENT nterm-err (#PCDATA)>

<!ELEMENT nterm-recv (#PCDATA)>

<!ELEMENT nterm-sent (#PCDATA)>

<!ELEMENT nterm-tmo (#PCDATA)>

<!ELEMENT packets-out (#PCDATA)>

<!ELEMENT quality (#PCDATA)>

<!ELEMENT r2cp-clear-result (#PCDATA)>

<!ELEMENT r2cp-counters (r2cp-node-counters | r2cp-session-counters)*>

<!ELEMENT r2cp-iflctl (iflctl-name | node-count)*>

<!ELEMENT r2cp-iflctl-information (r2cp-iflctl)*>
<ATTLIST r2cp-iflctl-information junos:style CDATA #IMPLIED>

<!ELEMENT r2cp-ifldata (ifldata-name)*>

<!ELEMENT r2cp-ifldata-information (r2cp-ifldata)*>
<ATTLIST r2cp-ifldata-information junos:style CDATA #IMPLIED>

<!ELEMENT r2cp-node (node-name | node-client-address | node-client-port |
node-sessions | node-uptime | node-status | node-hbinterval | node-hbtime)*>

<!ELEMENT r2cp-node-counters (mim-recv | heartbeat-recv | nterm-recv |
nterm-ack-recv | rom-sent | heartbeat-sent | nterm-sent | nterm-ack-sent | mim-err
| heartbeat-err | nterm-err | nterm-ack-err | heartbeat-tmo | nterm-tmo)*>

<!ELEMENT r2cp-node-information (r2cp-node)*>
<ATTLIST r2cp-node-information junos:style CDATA #IMPLIED>

<!ELEMENT r2cp-session (session-id | vc-id | mac-address | uptime | vlan-ids |
term-vlan-ids | packets-out | session-status | r2cp-session-update |
```



```
r2cp-session-bandwidth)*>

<!ELEMENT r2cp-session-bandwidth (effective-bandwidth | last-change |
below-threshold)*>

<!ELEMENT r2cp-session-counters (sin-recv | sup-recv | sterm-recv | sterm-ack-recv
| sin-ack-sent | sterm-sent | sterm-ack-sent | sin-err | sup-err | sterm-err |
sterm-ack-err | sterm-tmo)*>

<!ELEMENT r2cp-session-information (r2cp-session | r2cp-session-update)*>
<!ATTLIST r2cp-session-information junos:style CDATA #IMPLIED>

<!ELEMENT r2cp-session-update (last-received | current-bandwidth | max-bandwidth
| quality | resources | latency)*>

<!ELEMENT r2cp-version (#PCDATA)>

<!ELEMENT resources (#PCDATA)>

<!ELEMENT rom-sent (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-status (#PCDATA)>

<!ELEMENT sin-ack-sent (#PCDATA)>

<!ELEMENT sin-err (#PCDATA)>

<!ELEMENT sin-recv (#PCDATA)>

<!ELEMENT sterm-ack-err (#PCDATA)>

<!ELEMENT sterm-ack-recv (#PCDATA)>

<!ELEMENT sterm-ack-sent (#PCDATA)>

<!ELEMENT sterm-err (#PCDATA)>

<!ELEMENT sterm-recv (#PCDATA)>

<!ELEMENT sterm-sent (#PCDATA)>

<!ELEMENT sterm-tmo (#PCDATA)>

<!ELEMENT sup-err (#PCDATA)>

<!ELEMENT sup-recv (#PCDATA)>

<!ELEMENT term-vlan-ids (#PCDATA)>

<!ELEMENT uptime (#PCDATA)>

<!ELEMENT vc-id (#PCDATA)>

<!ELEMENT vlan-ids (#PCDATA)>
```


CHAPTER 70

DTD for Redundant Interfaces Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-rdd.dtd`, which lists the Junos XML tags that contain information about redundant interfaces. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-rdd.dtd -->

<!ELEMENT current-status (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-redundancy (interface-name | state | last-change | primary |
secondary | current-status)*>

<!ELEMENT interface-redundancy-detail (interface-name | state | last-change |
primary | secondary | current-status | mode)*>

<!ELEMENT interface-redundancy-detail-information (interface-redundancy-detail)*>

<!ELEMENT interface-redundancy-information (interface-redundancy)*>

<!ELEMENT last-change (#PCDATA)>

<!ELEMENT mode (#PCDATA)>

<!ELEMENT primary (#PCDATA)>

<!ELEMENT secondary (#PCDATA)>

<!ELEMENT state (#PCDATA)>
```


CHAPTER 71

DTD for Relay Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-relay.dtd`, which lists the Junos XML tags that contain information about Junos relay response tags. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-relay.dtd -->
```

```
<!ELEMENT connection-state (#PCDATA)>
```

```
<!ELEMENT group-count (#PCDATA)>
```

```
<!ELEMENT group-id (#PCDATA)>
```

```
<!ELEMENT group-member-count (#PCDATA)>
```

```
<!ELEMENT group-state (#PCDATA)>
```

```
<!ELEMENT group-type (#PCDATA)>
```

```
<!ELEMENT member-local-index (#PCDATA)>
```

```
<!ELEMENT member-name (#PCDATA)>
```

```
<!ELEMENT member-state (#PCDATA)>
```

```
<!ELEMENT message-pending (#PCDATA)>
```

```
<!ELEMENT message-pending-size (#PCDATA)>
```

```
<!ELEMENT message-total (#PCDATA)>
```

```
<!ELEMENT message-total-size (#PCDATA)>
```

```
<!ELEMENT protocol-name (#PCDATA)>
```

```
<!ELEMENT relay-group (relay-group-information)*>
```

```
<!ATTLIST relay-group junos:style CDATA #IMPLIED>
```

```
<!ELEMENT relay-group-information (group-id | group-state | group-type |
group-member-count | message-total | message-total-size | message-pending |
message-pending-size | socket-full-count)*>
```

```
<!ELEMENT relay-information (relay-state | relay-server-name | protocol-name |  
connection-state | group-count)*>
```

```
<!ELEMENT relay-member (relay-member-information)*>  
<!ATTLIST relay-member junos:style CDATA #IMPLIED>
```

```
<!ELEMENT relay-member-information (member-name | member-local-index | member-state  
| message-total | message-total-size | message-pending | message-pending-size |  
reverse-message-total | reverse-message-total-size | reverse-message-pending |  
reverse-message-pending-size | socket-full-count)*>
```

```
<!ELEMENT relay-server-name (#PCDATA)>
```

```
<!ELEMENT relay-state (#PCDATA)>
```

```
<!ELEMENT reverse-message-pending (#PCDATA)>
```

```
<!ELEMENT reverse-message-pending-size (#PCDATA)>
```

```
<!ELEMENT reverse-message-total (#PCDATA)>
```

```
<!ELEMENT reverse-message-total-size (#PCDATA)>
```

```
<!ELEMENT socket-full-count (#PCDATA)>
```

DTD for Resource Cleanup Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-res-cleanup.dtd`, which lists the Junos XML tags that contain information about Junos resource cleanup response tags. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-res-cleanup.dtd -->

<!ELEMENT cleanup-resources (resource)*>

<!ELEMENT id (#PCDATA)>

<!ELEMENT key (#PCDATA)>

<!ELEMENT major-number (#PCDATA)>

<!ELEMENT minor-number (#PCDATA)>

<!ELEMENT pid (#PCDATA)>

<!ELEMENT process-name (#PCDATA)>

<!ELEMENT process-resource-cleanup (pid | process-name | cleanup-resources)*>

<!ELEMENT resource (type | major-number | minor-number | id | key)*>

<!ELEMENT resource-type (type)*>

<!ELEMENT system-resource-cleanup-processes-information
(process-resource-cleanup)*>
<!ATTLIST system-resource-cleanup-processes-information junos:style CDATA #IMPLIED>

<!ELEMENT system-resource-cleanup-resources-information (resource-type)*>

<!ELEMENT type (#PCDATA)>
```


DTD for Routing Protocols Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-routing.dtd`, which lists the Junos XML tags that contain information about routing protocols. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-routing.dtd -->

<!ELEMENT accepted-external-prefix-count (#PCDATA)>

<!ELEMENT accepted-internal-prefix-count (#PCDATA)>

<!ELEMENT accepted-prefix-count (#PCDATA)>

<!ELEMENT accepted-prefix-limit (nlri-type | prefix-count | limit-action |
warning-percentage)*>

<!ELEMENT ack-flag (#PCDATA)>

<!ELEMENT active-control-channel (#PCDATA)>

<!ELEMENT active-count (#PCDATA)>

<!ELEMENT active-external-prefix-count (#PCDATA)>

<!ELEMENT active-holdtime (#PCDATA)>

<!ELEMENT active-internal-prefix-count (#PCDATA)>

<!ELEMENT active-key-id (#PCDATA)>

<!ELEMENT active-key-start-time (#PCDATA)>

<!ELEMENT active-path (#PCDATA)>

<!ELEMENT active-prefix-count (#PCDATA)>

<!ELEMENT active-reservation (#PCDATA)>

<!ELEMENT active-route-count (#PCDATA)>

<!ELEMENT active-tag (#PCDATA)>
```

```
<!ELEMENT activity-timer (#PCDATA)>

<!ELEMENT actual-bandwidth (#PCDATA)>

<!ELEMENT actual-free-bytes (#PCDATA)>

<!ELEMENT add-messages (#PCDATA)>

<!ELEMENT addpath-receive (nlri-type | addpath-receive-type)*>

<!ELEMENT addpath-receive-type (#PCDATA)>

<!ELEMENT addpath-send (nlri-type | addpath-send-type | addpath-send-count |
addpath-send-policy)*>

<!ELEMENT addpath-send-count (#PCDATA)>

<!ELEMENT addpath-send-policy (#PCDATA)>

<!ELEMENT addpath-send-type (#PCDATA)>

<!ELEMENT address (#PCDATA)>

<!ELEMENT address-families (#PCDATA)>

<!ELEMENT address-family (#PCDATA)>

<!ELEMENT address-mask (#PCDATA)>

<!ELEMENT address-prefix (#PCDATA)>

<!ELEMENT adj-count (#PCDATA)>

<!ELEMENT adjacency-advertisement (#PCDATA)>

<!ELEMENT adjacency-count (#PCDATA)>

<!ELEMENT adjacency-down-reason (#PCDATA)>

<!ELEMENT adjacency-event (#PCDATA)>

<!ELEMENT adjacency-flag (#PCDATA)>

<!ELEMENT adjacency-restart-capable (#PCDATA)>

<!ELEMENT adjacency-state (#PCDATA)>

<!ELEMENT adjacency-topologies (#PCDATA)>

<!ELEMENT adjacency-when (#PCDATA)>
<!ATTLIST adjacency-when junos:seconds CDATA #IMPLIED>

<!ELEMENT adjust-threshold (#PCDATA)>

<!ELEMENT adjust-timer (#PCDATA)>

<!ELEMENT admin-group-extended-name (#PCDATA)>

<!ELEMENT admin-group-extended-number (#PCDATA)>

<!ELEMENT admin-group-index (#PCDATA)>
```

```

<!ELEMENT admin-group-name (#PCDATA)>

<!ELEMENT admin-group-number (#PCDATA)>

<!ELEMENT admin-groups (color | no-group-flag | admin-group-name |
admin-group-number)*>
<!ATTLIST admin-groups heading CDATA #IMPLIED>

<!ELEMENT admin-groups-extended (admin-group-name | admin-group-number)*>
<!ATTLIST admin-groups-extended heading CDATA #IMPLIED>

<!ELEMENT adspec (#PCDATA)>

<!ELEMENT advertised-prefix-count (#PCDATA)>

<!ELEMENT advertising-router (#PCDATA)>

<!ELEMENT age (#PCDATA)>
<!ATTLIST age junos:seconds CDATA #IMPLIED>

<!ELEMENT aggregate (aggregate-flags | aggregate-depth | aggregate-active |
aggregate-as-path | contributing-route-count | aggregated-route)*>

<!ELEMENT aggregate-active EMPTY>

<!ELEMENT aggregate-as-path (as-path | reference-count)*>

<!ELEMENT aggregate-depth (#PCDATA)>

<!ELEMENT aggregate-flag (#PCDATA)>

<!ELEMENT aggregate-flags (#PCDATA)>

<!ELEMENT aggregated-route (destination-prefix | protocol-name)*>

<!ELEMENT aging-timer (#PCDATA)>

<!ELEMENT allocated-length (#PCDATA)>

<!ELEMENT always-mark-connection-protection-tlv (#PCDATA)>

<!ELEMENT amt-active-tunnels (#PCDATA)>

<!ELEMENT amt-anycast-address (#PCDATA)>

<!ELEMENT amt-anycast-prefix (#PCDATA)>

<!ELEMENT amt-gateways-timed-out (#PCDATA)>

<!ELEMENT amt-inactivity-timeout (#PCDATA)>

<!ELEMENT amt-incomplete-membership-request (#PCDATA)>

<!ELEMENT amt-incomplete-membership-update (#PCDATA)>

<!ELEMENT amt-incomplete-packet (#PCDATA)>

<!ELEMENT amt-incomplete-relay-discovery (#PCDATA)>

<!ELEMENT amt-instance-statistics (amt-relay-discovery-messages |

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amt-relay-advertisement-messages | amt-membership-request-messages |
amt-membership-query-messages | amt-membership-update-messages |
amt-relay-discovery-invalid-address | amt-membership-request-invalid-address |
amt-membership-update-invalid-address | amt-incomplete-packet | amt-invalid-mac
| amt-unexpected-type | amt-incomplete-relay-discovery |
amt-incomplete-membership-request | amt-incomplete-membership-update |
amt-no-active-gateway | amt-invalid-inner-packet-checksum |
amt-gateways-timed-out)*>
<!ATTLIST amt-instance-statistics junos:style CDATA #IMPLIED>

<!ELEMENT amt-invalid-inner-packet-checksum (#PCDATA)>

<!ELEMENT amt-invalid-mac (#PCDATA)>

<!ELEMENT amt-local-address (#PCDATA)>

<!ELEMENT amt-membership-query-messages (#PCDATA)>

<!ELEMENT amt-membership-request-invalid-address (#PCDATA)>

<!ELEMENT amt-membership-request-messages (#PCDATA)>

<!ELEMENT amt-membership-update-invalid-address (#PCDATA)>

<!ELEMENT amt-membership-update-message (#PCDATA)>

<!ELEMENT amt-membership-update-messages (#PCDATA)>

<!ELEMENT amt-no-active-gateway (#PCDATA)>

<!ELEMENT amt-relay-advertisement-messages (#PCDATA)>

<!ELEMENT amt-relay-discovery-invalid-address (#PCDATA)>

<!ELEMENT amt-relay-discovery-messages (#PCDATA)>

<!ELEMENT amt-request-message (#PCDATA)>

<!ELEMENT amt-summary (amt-anycast-prefix | amt-anycast-address | amt-local-address
| amt-tunnel-limit | amt-active-tunnels)*>

<!ELEMENT amt-tunnel (amt-tunnel-gateway-address | amt-tunnel-gateway-port |
amt-tunnel-interface | amt-tunnel-state | amt-inactivity-timeout |
amt-tunnel-gateway-nonce | amt-tunnel-gateway-mac | amt-tunnel-multicast-groups
| mgm-group | amt-tunnel-message-count)*>
<!ATTLIST amt-tunnel junos:style CDATA #IMPLIED>

<!ELEMENT amt-tunnel-gateway-address (#PCDATA)>

<!ELEMENT amt-tunnel-gateway-mac (#PCDATA)>

<!ELEMENT amt-tunnel-gateway-nonce (#PCDATA)>

<!ELEMENT amt-tunnel-gateway-port (#PCDATA)>

<!ELEMENT amt-tunnel-information (amt-tunnel)*>

<!ELEMENT amt-tunnel-interface (#PCDATA)>

<!ELEMENT amt-tunnel-limit (#PCDATA)>
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<!ELEMENT amt-tunnel-message-count (amt-request-message |
amt-membership-update-message)*>

<!ELEMENT amt-tunnel-multicast-groups (#PCDATA)>

<!ELEMENT amt-tunnel-state (#PCDATA)>

<!ELEMENT amt-unexpected-type (#PCDATA)>

<!ELEMENT announce-bits (#PCDATA)>

<!ELEMENT announce-tasks (#PCDATA)>

<!ELEMENT application-owner (#PCDATA)>

<!ELEMENT area-address-tlv (address | tlv-length)*>

<!ELEMENT area-mismatch-error (#PCDATA)>

<!ELEMENT as-loops (#PCDATA)>

<!ELEMENT as-number (#PCDATA)>

<!ELEMENT as-path (#PCDATA)>

<!ELEMENT asn (#PCDATA)>

<!ELEMENT aspath-bucket (aspath-entry | bucket | count)*>

<!ELEMENT aspath-domain (identifier | domain-flags | primary | references |
path-count | local-asn)*>

<!ELEMENT aspath-entry (as-path | domain | path-references | length | segments |
overhead | compare-length | neighbor-as | entry-state)*>
<!ATTLIST aspath-entry junos:style CDATA #IMPLIED>

<!ELEMENT aspath-table (path-count | bucket-count | bucket-max-entries |
bucket-min-entries | bucket-avg-entries | bucket-std-deviation | aspath-bucket)*>
<!ATTLIST aspath-table junos:style CDATA #IMPLIED>

<!ELEMENT assert-state (#PCDATA)>

<!ELEMENT assert-timeout (#PCDATA)>

<!ELEMENT atm-cell-bundle-size (#PCDATA)>

<!ELEMENT atm-vp-bundle-size (#PCDATA)>

<!ELEMENT attached-router (#PCDATA)>

<!ELEMENT attrset (attrset-as | med | local-preference | as-path | communities |
cluster-id | pmsi | originator)*>

<!ELEMENT attrset-as (#PCDATA)>

<!ELEMENT authentication-algorithm (#PCDATA)>

<!ELEMENT authentication-configured EMPTY>

<!ELEMENT authentication-failure-error (#PCDATA)>

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<!ELEMENT authentication-flag (#PCDATA)>

<!ELEMENT authentication-key (#PCDATA)>

<!ELEMENT authentication-key-chain (#PCDATA)>

<!ELEMENT authentication-mismatch-error (#PCDATA)>

<!ELEMENT authentication-tlv (tlv-length)*>

<!ELEMENT authentication-type (#PCDATA)>

<!ELEMENT auto-site-count (#PCDATA)>

<!ELEMENT auto-site-repository-state (#PCDATA)>

<!ELEMENT automatic-site-claim-id (#PCDATA)>

<!ELEMENT automatic-site-collision-detect-time (#PCDATA)>

<!ELEMENT automatic-site-collisions (#PCDATA)>

<!ELEMENT automatic-site-id-status (#PCDATA)>

<!ELEMENT automatic-site-name (#PCDATA)>

<!ELEMENT automatic-site-new-site-wait-time (#PCDATA)>

<!ELEMENT automatic-site-reclaim-wait-time (#PCDATA)>

<!ELEMENT automatic-site-startup-wait-time (#PCDATA)>

<!ELEMENT automatic-site-timer-status (#PCDATA)>

<!ELEMENT automatic-site-timers (automatic-site-startup-wait-time |
automatic-site-new-site-wait-time | automatic-site-collision-detect-time |
automatic-site-reclaim-wait-time)*>
<!--LIST automatic-site-timers heading CDATA #IMPLIED-->

<!ELEMENT available-bandwidth (#PCDATA)>

<!ELEMENT average-per-run (#PCDATA)>

<!ELEMENT average-time (#PCDATA)>

<!ELEMENT backup-next-hop-element (interface-name | isis-next-hop-type |
isis-next-hop | snpa)*>

<!ELEMENT backup-pe-group-name (#PCDATA)>

<!ELEMENT backup-pes (multicast-backup-pe-address)*>

<!ELEMENT backup-root (#PCDATA)>

<!ELEMENT backup-root-metric (#PCDATA)>

<!ELEMENT backup-root-preference (#PCDATA)>

<!ELEMENT bad-packettype-error (#PCDATA)>

<!ELEMENT bad-version-error (#PCDATA)>
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<!ELEMENT balance (#PCDATA)>

<!ELEMENT bandwidth (#PCDATA)>

<!ELEMENT bandwidth-for-admission-control (#PCDATA)>

<!ELEMENT bandwidth-model (#PCDATA)>

<!ELEMENT bandwidth-priority (#PCDATA)>

<!ELEMENT bandwidth-type (#PCDATA)>

<!ELEMENT bandwidth_ct0 (#PCDATA)>

<!ELEMENT bandwidth_ct1 (#PCDATA)>

<!ELEMENT bandwidth_ct2 (#PCDATA)>

<!ELEMENT bandwidth_ct3 (#PCDATA)>

<!ELEMENT bc (#PCDATA)>

<!ELEMENT bc-description (#PCDATA)>

<!ELEMENT bdr-address (#PCDATA)>

<!ELEMENT bdr-id (#PCDATA)>

<!ELEMENT bfd-configuration-state (#PCDATA)>

<!ELEMENT bfd-operational-state (#PCDATA)>

<!ELEMENT bgp-bfd (bfd-configuration-state | bfd-operational-state)*>

<!ELEMENT bgp-bmp-information (bmp-addr-port | bmp-state | bmp-memory-consumed |
    bmp-statistics-timeout | bmp-memory-limit | bmp-memory-delay)*>

<!ELEMENT bgp-error (name | send-count | receive-count)*>

<!ELEMENT bgp-group (type | peer-as | local-as | group-index | group-state | name
    | bgp-options | bgp-options2 | group-flags | peer-count | established-count |
    peer-address | flap-count | unconfigured-peers | igp-protocol | route-queue |
    bgp-peer | bgp-option-information | tracing-information | bgp-rib)*>
<!ATTLIST bgp-group heading CDATA #IMPLIED>
<!ATTLIST bgp-group junos:style CDATA #IMPLIED>

<!ELEMENT bgp-group-information (bgp-group | bgp-information)*>

<!ELEMENT bgp-group-name (#PCDATA)>

<!ELEMENT bgp-information (group-count | peer-count | external-peer-count |
    internal-peer-count | down-peer-count | unconfigured-peer-count |
    half-open-peer-count | igp-converging | flap-count | bgp-rib | bgp-peer)*>

<!ELEMENT bgp-metric-flags (#PCDATA)>

<!ELEMENT bgp-nlri-flag-aggregate-label EMPTY>

<!ELEMENT bgp-nlri-flag-explicit-null-for-all-routes EMPTY>

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<!ELEMENT bgp-nlri-flag-explicit-null-for-connected-routes EMPTY>

<!ELEMENT bgp-nlri-flag-l2vpn-status-vector EMPTY>

<!ELEMENT bgp-nlri-flag-no-l2vpn-status-vector EMPTY>

<!ELEMENT bgp-nlri-flag-per-group-label EMPTY>

<!ELEMENT bgp-nlri-flag-per-prefix-label EMPTY>

<!ELEMENT bgp-nlri-flag-traffic-stats EMPTY>

<!ELEMENT bgp-no-label-reason (#PCDATA)>

<!ELEMENT bgp-option-information (export-policy | import-policy | bgp-options |
bgp-options2 | authentication-key | authentication-key-chain |
authentication-algorithm | authentication-configured | address-families |
drop-path-attributes | ignore-path-attributes | local-address | holdtime |
metric-out | preference | local-preference | prefix-limit | accepted-prefix-limit
| addpath-send | addpath-receive | nlri-information | local-as | local-as-private
| local-system-as | receive-buffer-size | send-buffer-size | outbound-timer |
med-action | ipsec-sa)*>

<!ELEMENT bgp-options (#PCDATA)>

<!ELEMENT bgp-options2 (#PCDATA)>

<!ELEMENT bgp-orf (peer-address | peer-type | group-name | bgp-orf-nlri-info)*>

<!ELEMENT bgp-orf-extcomm-filter (extended-community)*>

<!ELEMENT bgp-orf-filter-info (bgp-orf-extcomm-filter | bgp-orf-prefix-filter)*>

<!ELEMENT bgp-orf-filter-information (filter-type | filter-mode | filter-in-updates
| filter-out-updates | filter-qcount | bgp-orf-filter-info)*>

<!ELEMENT bgp-orf-information (bgp-orf)*>

<!ELEMENT bgp-orf-nlri-info (nlri-name | filter-in-updates | filter-out-updates
| filter-qcount | immediate-count | bgp-orf-filter-information)*>

<!ELEMENT bgp-orf-prefix-filter (prefix-orf)*>

<!ELEMENT bgp-output-queue (number | count)*>

<!ELEMENT bgp-peer (peer-address | peer-as | local-address | local-as | description
| peer-type | route-reflector-client | peer-state | peer-flags | last-state |
last-event | last-error | bgp-option-information | flap-count | last-flap-event
| peer-id | local-id | active-holdtime | keepalive-interval | peer-index | bgp-bfd
| local-interface-name | local-interface-index | nlri-type-peer |
nlri-type-session | peer-no-refresh | peer-refresh-capability |
peer-4byte-as-capability-not-supported | peer-4byte-as-capability-advertised |
peer-addpath-not-supported | peer-addpath-only-nlri | peer-addpath-sonly-nlri |
peer-addpath-rs-nlri | peer-restart-nlri-configured | peer-restart-time-configured
| peer-stale-route-time-configured | peer-restart-time-received |
peer-restart-flags-received | peer-restart-nlri-received |
peer-restart-nlri-can-save-state | peer-restart-nlri-state-saved | peer-no-restart
| peer-restart-nlri-negotiated | peer-end-of-rib-received | peer-end-of-rib-sent
| peer-end-of-rib-scheduled | last-received | last-sent | last-checked |
input-messages | input-updates | input-refreshes | input-octets | output-messages
| output-updates | output-refreshes | output-octets | input-drop-path-attributes
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    | input-ignore-path-attributes | buffered-octets-rx | buffered-octets-tx |
    bgp-output-queue | route-queue-count | bgp-rib | elapsed-time |
    extended-information | bgp-error | route-queue | tracing-information)*>
<!ATTLIST bgp-peer heading CDATA #IMPLIED>
<!ATTLIST bgp-peer junos:style CDATA #IMPLIED>

<!ELEMENT bgp-prefix (#PCDATA)>

<!ELEMENT bgp-rib (name | rib-bit | bgp-rib-state | vpn-rib-state | send-state |
    total-external-prefix-count | active-external-prefix-count |
    accepted-external-prefix-count | suppressed-external-prefix-count |
    total-internal-prefix-count | active-internal-prefix-count |
    accepted-internal-prefix-count | suppressed-internal-prefix-count |
    total-prefix-count | active-prefix-count | received-prefix-count |
    accepted-prefix-count | damped-prefix-count | suppressed-prefix-count |
    history-prefix-count | pending-prefix-count | advertised-prefix-count)*>
<!ATTLIST bgp-rib junos:style CDATA #IMPLIED>

<!ELEMENT bgp-rib-state (#PCDATA)>

<!ELEMENT bgp-rsync-ack-queue (bgp-rsync-queue-entry)*>

<!ELEMENT bgp-rsync-ackwait (#PCDATA)>

<!ELEMENT bgp-rsync-error-queue (bgp-rsync-queue-entry)*>

<!ELEMENT bgp-rsync-estab-queue (bgp-rsync-queue-entry)*>

<!ELEMENT bgp-rsync-estab-tm (#PCDATA)>
<!ATTLIST bgp-rsync-estab-tm junos:seconds CDATA #IMPLIED>

<!ELEMENT bgp-rsync-estab-type (bgp-rsync-queue-entry)*>

<!ELEMENT bgp-rsync-flags (#PCDATA)>

<!ELEMENT bgp-rsync-master (bgp-rsync-session-state | bgp-rsync-session-time |
    bgp-rsync-session-flaps | bgp-rsync-session-last-flap-reason |
    bgp-rsync-session-last-flap-error | bgp-rsync-state | bgp-rsync-state-time |
    bgp-rsync-flags | bgp-rsync-rt-state | bgp-rsync-ackwait | bgp-rsync-sowait |
    bgp-rsync-sched | bgp-rsync-sendbuf-count | bgp-rsync-walker | bgp-rsync-walk |
    bgp-rsync-estab-type | bgp-rsync-ack-queue | bgp-rsync-estab-tm |
    bgp-rsync-error-queue | bgp-rsync-stats | bgp-rsync-estab-queue)*>

<!ELEMENT bgp-rsync-queue-entry (rsy-queue-instance | rsy-queue-addr |
    rsy-queue-more)*>

<!ELEMENT bgp-rsync-rt-state (#PCDATA)>

<!ELEMENT bgp-rsync-sched (#PCDATA)>

<!ELEMENT bgp-rsync-sendbuf-count (#PCDATA)>

<!ELEMENT bgp-rsync-session-flaps (#PCDATA)>

<!ELEMENT bgp-rsync-session-last-flap-error (#PCDATA)>

<!ELEMENT bgp-rsync-session-last-flap-reason (#PCDATA)>

<!ELEMENT bgp-rsync-session-state (#PCDATA)>

<!ELEMENT bgp-rsync-session-time (#PCDATA)>

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<!ELEMENT bgp-rsync-sowait (#PCDATA)>

<!ELEMENT bgp-rsync-state (#PCDATA)>

<!ELEMENT bgp-rsync-state-time (#PCDATA)>

<!ELEMENT bgp-rsync-stats (open-send-count | estab-send-count | update-send-count
| error-send-count | complete-send-count | open-receive-count |
request-wild-receive-count | request-tgt-receive-count | estab-ack-receive-count
| complete-ack-receive-count)*>

<!ELEMENT bgp-rsync-walk (bgp-rsync-walk-table | bgp-rsync-walk-prefix |
bgp-rsync-walk-prefixlen | queue-count)*>

<!ELEMENT bgp-rsync-walk-prefix (#PCDATA)>

<!ELEMENT bgp-rsync-walk-prefixlen (#PCDATA)>

<!ELEMENT bgp-rsync-walk-table (#PCDATA)>

<!ELEMENT bgp-rsync-walker EMPTY>

<!ELEMENT bgp-rt-flag (#PCDATA)>

<!ELEMENT bgp-rtf-brief (group-name | table-name | bgp-rtf-state-flags |
bgp-rtf-entries)*>

<!ELEMENT bgp-rtf-entries (#PCDATA)>

<!ELEMENT bgp-rtf-entry (rtarget | rtarget-mask)*>

<!ELEMENT bgp-rtf-group (group-name | rtarget-recv-mask | default-mask |
bgp-rtf-state)*>

<!ELEMENT bgp-rtf-information (bgp-rtf-brief | bgp-rtf-group)*>

<!ELEMENT bgp-rtf-state (table-name | bgp-rtf-state-flags | bgp-rtf-entries |
bgp-rtf-entry)*>

<!ELEMENT bgp-rtf-state-flags (#PCDATA)>

<!ELEMENT bgp-standby (bgp-standby-state | bgp-standby-last-trans |
bgp-standby-sendbuf | bgp-unsync-timer | bgp-unsync-pending-tm | bgp-unsync-queue
| bgp-unsync-pending | bgp-standby-sync-queue)*>

<!ELEMENT bgp-standby-last-trans (#PCDATA)>
<!ATTLIST bgp-standby-last-trans junos:seconds CDATA #IMPLIED>

<!ELEMENT bgp-standby-sendbuf (#PCDATA)>

<!ELEMENT bgp-standby-state (#PCDATA)>

<!ELEMENT bgp-standby-sync-entry (bstandby-iid | bstandby-addr)*>

<!ELEMENT bgp-standby-sync-queue (bgp-standby-sync-entry)*>

<!ELEMENT bgp-sync-information (bgp-rsync-master | bgp-standby)*>

<!ELEMENT bgp-traffic-error (#PCDATA)>
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<!ELEMENT bgp-traffic-statistics (bgp-prefix | bgp-traffic-type | bgp-traffic-error
| bgp-traffic-statistics-packet-count | bgp-traffic-statistics-byte-count |
bgp-traffic-statistics-egress-as | bgp-traffic-statistics-advertised-fec-label)*>

<!ELEMENT bgp-traffic-statistics-advertised-fec-label (#PCDATA)>

<!ELEMENT bgp-traffic-statistics-byte-count (#PCDATA)>

<!ELEMENT bgp-traffic-statistics-egress-as (#PCDATA)>

<!ELEMENT bgp-traffic-statistics-error (bgp-traffic-error)*>

<!ELEMENT bgp-traffic-statistics-header (group-name | group-index | nlri-name)*>

<!ELEMENT bgp-traffic-statistics-information (bgp-traffic-statistics-header |
bgp-traffic-statistics | bgp-traffic-statistics-error)*>

<!ELEMENT bgp-traffic-statistics-packet-count (#PCDATA)>

<!ELEMENT bgp-traffic-type (#PCDATA)>

<!ELEMENT bgp-unsync-entry (usy-iid | usy-addr | usy-elapsed | usy-flags |
usy-more)*>

<!ELEMENT bgp-unsync-pending (bgp-unsync-entry)*>

<!ELEMENT bgp-unsync-pending-tm (#PCDATA)>
<ATTLIST bgp-unsync-pending-tm junos:seconds CDATA #IMPLIED>

<!ELEMENT bgp-unsync-queue (bgp-unsync-entry)*>

<!ELEMENT bgp-unsync-timer (#PCDATA)>
<ATTLIST bgp-unsync-timer junos:seconds CDATA #IMPLIED>

<!ELEMENT bidirectional EMPTY>

<!ELEMENT bits (#PCDATA)>

<!ELEMENT bmp-addr-port (#PCDATA)>

<!ELEMENT bmp-memory-consumed (#PCDATA)>

<!ELEMENT bmp-memory-delay (#PCDATA)>

<!ELEMENT bmp-memory-limit (#PCDATA)>

<!ELEMENT bmp-state (#PCDATA)>

<!ELEMENT bmp-statistics-timeout (#PCDATA)>

<!ELEMENT bootstrap-family (address-family | address | bootstrap-priority |
local-address | local-priority | bootstrap-state | bootstrap-timeout)*>

<!ELEMENT bootstrap-priority (#PCDATA)>

<!ELEMENT bootstrap-state (#PCDATA)>

<!ELEMENT bootstrap-timeout (#PCDATA)>

<!ELEMENT branch-lsp-count (#PCDATA)>

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<!ELEMENT broadcast-bytes (#PCDATA)>
<!ELEMENT broadcast-packets (#PCDATA)>
<!ELEMENT bstandby-addr (#PCDATA)>
<!ELEMENT bstandby-iid (#PCDATA)>
<!ELEMENT bucket (#PCDATA)>
<!ELEMENT bucket-avg-entries (#PCDATA)>
<!ELEMENT bucket-count (#PCDATA)>
<!ELEMENT bucket-max-entries (#PCDATA)>
<!ELEMENT bucket-min-entries (#PCDATA)>
<!ELEMENT bucket-std-deviation (#PCDATA)>
<!ELEMENT buffered-octets-rx (#PCDATA)>
<!ELEMENT buffered-octets-tx (#PCDATA)>
<!ELEMENT bulking-indicator (#PCDATA)>
<!ELEMENT bw-exact (#PCDATA)>
<!ELEMENT bypass-info (lp-status | lp-requested | lp-granted | lp-failure |
total-bypass | bypass-name | bypass-state | bypass-type | rsvp-lp-psb-cnt |
rsvp-lp-backup-lsp-cnt | lp-history)*>
<!ELEMENT bypass-name (#PCDATA)>
<!ELEMENT bypass-repl-avoid-addr (#PCDATA)>
<!ELEMENT bypass-repl-id (#PCDATA)>
<!ELEMENT bypass-repl-interface-id (#PCDATA)>
<!ELEMENT bypass-repl-lp-num (#PCDATA)>
<!ELEMENT bypass-repl-manual-bypass-name (#PCDATA)>
<!ELEMENT bypass-repl-psb-id (#PCDATA)>
<!ELEMENT bypass-repl-resolve-status (#PCDATA)>
<!ELEMENT bypass-repl-state (#PCDATA)>
<!ELEMENT bypass-repl-to-addr (#PCDATA)>
<!ELEMENT bypass-state (#PCDATA)>
<!ELEMENT bypass-type (#PCDATA)>
<!ELEMENT bytes-left (#PCDATA)>
<!ELEMENT c-multicast-address (#PCDATA)>
<!ELEMENT c-multicast-ipv4 (c-multicast-ipv4-entry)*>
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<!ELEMENT c-multicast-ipv4-count (#PCDATA)>

<!ELEMENT c-multicast-ipv4-entry (c-multicast-address | provider-tunnel-id |
c-multicast-property)*>

<!ELEMENT c-multicast-ipv6 (c-multicast-ipv6-entry)*>

<!ELEMENT c-multicast-ipv6-count (#PCDATA)>

<!ELEMENT c-multicast-ipv6-entry (c-multicast-address | provider-tunnel-id |
c-multicast-property)*>

<!ELEMENT c-multicast-ipv6-summary (c-multicast-ipv6-count)*>

<!ELEMENT c-multicast-property (#PCDATA)>

<!ELEMENT c-multicast-summary (c-multicast-ipv4-count)*>

<!ELEMENT cac-bandwidth-failure EMPTY>

<!ELEMENT cache-timeout (#PCDATA)>

<!ELEMENT cc-restarting EMPTY>

<!ELEMENT ccc-circuit-name (#PCDATA)>

<!ELEMENT ccc-circuit-status (#PCDATA)>

<!ELEMENT ccc-circuit-type (#PCDATA)>

<!ELEMENT ccc-connection (ccc-connection-name | ccc-connection-type |
ccc-connection-status | ccc-connection-last-uptime | ccc-connection-up-transitions
| ccc-connection-circuit | ccc-connection-in-labels | ccc-connection-out-labels
| ccc-connection-history)*>

<!ELEMENT ccc-connection-circuit (ccc-circuit-name | ccc-circuit-type |
ccc-circuit-status)*>

<!ELEMENT ccc-connection-history (ccc-connection-history-log)*>

<!ELEMENT ccc-connection-history-log (event-time | event-name |
interface-label-info | receive-lsp-count | transmit-lsp-count)*>

<!ELEMENT ccc-connection-in-labels (mpls-label | no-label)*>
<!ATTLIST ccc-connection-in-labels heading CDATA #IMPLIED>

<!ELEMENT ccc-connection-last-uptime (#PCDATA)>

<!ELEMENT ccc-connection-name (#PCDATA)>

<!ELEMENT ccc-connection-out-labels (mpls-label | no-label)*>
<!ATTLIST ccc-connection-out-labels heading CDATA #IMPLIED>

<!ELEMENT ccc-connection-status (#PCDATA)>

<!ELEMENT ccc-connection-type (#PCDATA)>

<!ELEMENT ccc-connection-up-transitions (#PCDATA)>

<!ELEMENT ccc-information (ccc-no-connections | ccc-link-monitoring-status |

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ccc-restarting | ccc-connection)*>

<!ELEMENT ccc-link-monitoring-status (#PCDATA)>

<!ELEMENT ccc-no-connections EMPTY>

<!ELEMENT ccc-restarting EMPTY>

<!ELEMENT cell-bundle-size (#PCDATA)>

<!ELEMENT change-messages (#PCDATA)>

<!ELEMENT changed-entity (#PCDATA)>

<!ELEMENT checksum (#PCDATA)>

<!ELEMENT checksum-error (#PCDATA)>

<!ELEMENT circuit-id (#PCDATA)>

<!ELEMENT circuit-type (#PCDATA)>

<!ELEMENT class-bandwidth (#PCDATA)>

<!ELEMENT class-id (#PCDATA)>

<!ELEMENT class-type (#PCDATA)>

<!ELEMENT cluster-id (#PCDATA)>

<!ELEMENT color (#PCDATA)>

<!ELEMENT color2 (#PCDATA)>

<!ELEMENT communities (community | extended-community)*>

<!ELEMENT community (#PCDATA)>

<!ELEMENT compare-length (#PCDATA)>

<!ELEMENT complete-ack-receive-count (#PCDATA)>

<!ELEMENT complete-send-count (#PCDATA)>

<!ELEMENT composite-nh (#PCDATA)>

<!ELEMENT composite-nh-count (#PCDATA)>

<!ELEMENT configuration-state (#PCDATA)>

<!ELEMENT connection (connection-id | connection-type | connection-status |
last-change | up-transitions | local-interface | remote-interface | remote-pe |
control-word | control-word-type | interface-encapsulation | inbound-label |
outbound-label | connection-bandwidth | vpls-rsvp-te-p2mp-lsp-information |
connection-protection | history | l2vpn-local-site-id | l2vpn-remote-site-id |
pw-status-tlv | local-pw-status-code | remote-pw-status-code | mesh-group-name |
egress-protection-protector | egress-protection-protected-l2ckt)*>
<!--LIST connection heading CDATA #IMPLIED-->

<!--ELEMENT connection-bandwidth (bandwidth | class-type | class-bandwidth)*>
<!--LIST connection-bandwidth heading CDATA #IMPLIED-->
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<!ELEMENT connection-id (#PCDATA)>

<!ELEMENT connection-protection (#PCDATA)>

<!ELEMENT connection-status (#PCDATA)>

<!ELEMENT connection-type (#PCDATA)>

<!ELEMENT connections-summary (vc-up-count | vc-down-count)*>

<!ELEMENT context-id (#PCDATA)>

<!ELEMENT context-id-local (#PCDATA)>

<!ELEMENT context-identifier (#PCDATA)>

<!ELEMENT context-level1-state (#PCDATA)>

<!ELEMENT context-level2-state (#PCDATA)>

<!ELEMENT context-lsp (#PCDATA)>

<!ELEMENT context-lsp-ingress-router (#PCDATA)>

<!ELEMENT context-lsp-is-detour EMPTY>

<!ELEMENT context-lsp-name (#PCDATA)>

<!ELEMENT context-lsps EMPTY>

<!ELEMENT context-status (#PCDATA)>

<!ELEMENT context-table (#PCDATA)>

<!ELEMENT context-total-count (#PCDATA)>

<!ELEMENT context-type (#PCDATA)>

<!ELEMENT contributing-route-count (#PCDATA)>

<!ELEMENT control-channel-unusable EMPTY>

<!ELEMENT control-word (#PCDATA)>

<!ELEMENT control-word-type (#PCDATA)>

<!ELEMENT cos (#PCDATA)>

<!ELEMENT cos-info (queue-number | tx-rate | tx-rate-percent | high-priority |
bw-exact)*>

<!ELEMENT count (#PCDATA)>

<!ELEMENT creation-time (#PCDATA)>

<!ELEMENT csnp-interval (#PCDATA)>

<!ELEMENT cspf-paths (total-paths | successful | no-route | sys-error | cspf)*>

<!ELEMENT cspf-queue (current | maximum | dequeued)*>
```

```
<!ELEMENT cspf-status (#PCDATA)>
<!ELEMENT cspf-time (#PCDATA)>
<!ELEMENT cspf-timing (total-time | cspf-time | average-time | rpd-time)*>
<!ELEMENT cspf-s (#PCDATA)>
<!ELEMENT ct-bw (#PCDATA)>
<!ELEMENT ct-bw0 (#PCDATA)>
<!ELEMENT ct-bw1 (#PCDATA)>
<!ELEMENT ct-bw2 (#PCDATA)>
<!ELEMENT ct-bw3 (#PCDATA)>
<!ELEMENT ct-bw4 (#PCDATA)>
<!ELEMENT ct-bw5 (#PCDATA)>
<!ELEMENT ct-bw6 (#PCDATA)>
<!ELEMENT ct-bw7 (#PCDATA)>
<!ELEMENT ct-class (#PCDATA)>
<!ELEMENT ct-subscription (#PCDATA)>
<!ELEMENT current (#PCDATA)>
<!ELEMENT current-active EMPTY>
<!ELEMENT current-bandwidth-header EMPTY>
<!ELEMENT current-reserve-bandwidth (#PCDATA)>
<!ELEMENT damped-prefix-count (#PCDATA)>
<!ELEMENT damping-parameters (#PCDATA)>
<!ELEMENT database-entry-state (#PCDATA)>
<!ELEMENT database-telink-id (#PCDATA)>
<!ELEMENT dbd-retransmit-time (#PCDATA)>
<!ELEMENT dbds-retransmit (#PCDATA)>
<!ELEMENT dbds-retransmit-5seconds (#PCDATA)>
<!ELEMENT dead-interval (#PCDATA)>
<!ELEMENT dead-interval-mismatch-error (#PCDATA)>
<!ELEMENT default-damping-parameters EMPTY>
<!ELEMENT default-exclusion-mismatch-error (#PCDATA)>
```



```
<!ELEMENT default-mask (#PCDATA)>

<!ELEMENT delete EMPTY>

<!ELEMENT delete-messages (#PCDATA)>

<!ELEMENT deleted EMPTY>

<!ELEMENT dense EMPTY>

<!ELEMENT dense-event (dense-receive-prune | dense-send-prune | dense-join |
dense-graft)*>

<!ELEMENT dense-graft (pim-interface-name | dense-timeout)*>

<!ELEMENT dense-join (pim-interface-name | dense-timeout)*>

<!ELEMENT dense-receive-prune (pim-interface-name | dense-timeout)*>

<!ELEMENT dense-send-prune (pim-interface-name | dense-timeout)*>

<!ELEMENT dense-timeout (#PCDATA)>

<!ELEMENT dep-active (#PCDATA)>

<!ELEMENT dep-entries (#PCDATA)>

<!ELEMENT dep-flags (#PCDATA)>

<!ELEMENT dep-rtnode-prefix (#PCDATA)>

<!ELEMENT dep-rtnode-prefixlen (#PCDATA)>

<!ELEMENT dequeued (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT designated-forwarder (#PCDATA)>

<!ELEMENT designated-pe (#PCDATA)>

<!ELEMENT designated-router-address (#PCDATA)>

<!ELEMENT destination-address (#PCDATA)>

<!ELEMENT destination-count (#PCDATA)>

<!ELEMENT destination-network (prefix | destination-network-deleted |
dynamic-tunnel)*>

<!ELEMENT destination-network-deleted EMPTY>

<!ELEMENT destination-prefix (#PCDATA)>

<!ELEMENT destination-router-id (#PCDATA)>

<!ELEMENT destination-tna-address (#PCDATA)>

<!ELEMENT detour (lsp-state | sender-tspec | adspec | path-mtu | path-mtu-in-kerne
| packet-information | explicit-route | record-route | label-out |
lsp-diffserv-info | ct-bw)*>
```

```
<!ELEMENT detour-bandwidth (bandwidth-priority | total-reserved-bandwidth |
interface-address)*>

<!ELEMENT detour-branch (source-address | skip-address | lsp-state | sender-tspec
| adspec | path-mtu | explicit-route | record-route | packet-information |
detour-branch-labels)*>

<!ELEMENT detour-branch-labels (label-in | label-out)*>

<!ELEMENT detours (#PCDATA)>

<!ELEMENT disconnected EMPTY>

<!ELEMENT display-count (#PCDATA)>

<!ELEMENT domain (#PCDATA)>

<!ELEMENT domain-flags (#PCDATA)>

<!ELEMENT down-count (#PCDATA)>

<!ELEMENT down-peer-count (#PCDATA)>

<!ELEMENT downstream-assert-neighbor (neighbor-address | neighbor-assert-metric
| neighbor-assert-preference | neighbor-assert-timeout)*>

<!ELEMENT downstream-interface (pim-interface-name | pruned-timeout |
pim-interface-state)*>

<!ELEMENT downstream-interface-names (#PCDATA)>

<!ELEMENT downstream-neighbor (neighbor-address | neighbor-state | terse-sparse
| terse-rpt | terse-wc | neighbor-timeout)*>

<!ELEMENT dr-address (#PCDATA)>

<!ELEMENT dr-flag (#PCDATA)>

<!ELEMENT dr-id (#PCDATA)>

<!ELEMENT dr-id-one (#PCDATA)>

<!ELEMENT dr-id-two (#PCDATA)>

<!ELEMENT drop-path-attributes (#PCDATA)>

<!ELEMENT dste-bc-bw (#PCDATA)>

<!ELEMENT dste-bc-count (#PCDATA)>

<!ELEMENT dste-bc-header EMPTY>

<!ELEMENT dste-bc-model (#PCDATA)>

<!ELEMENT dvmrp-cache-lifetime (#PCDATA)>

<!ELEMENT dvmrp-capability-flags (dvmrp-neighbor-one-way | dvmrp-neighbor-prune
| dvmrp-neighbor-generation-id | dvmrp-neighbor-mtrace | dvmrp-neighbor-leave |
dvmrp-neighbor-snmp | dvmrp-neighbor-netmask)*>
```

```

<!ELEMENT dvmrp-designated-querier-information (#PCDATA)>

<!ELEMENT dvmrp-graft (multicast-group-address | multicast-source-address |
dvmrp-graft-expire-time | dvmrp-neighbor-address)*>

<!ELEMENT dvmrp-graft-expire-time (#PCDATA)>

<!ELEMENT dvmrp-graft-queue-information (dvmrp-instance)*>

<!ELEMENT dvmrp-grafts-sent (#PCDATA)>

<!ELEMENT dvmrp-group (multicast-group-address | dvmrp-prunes-sent |
dvmrp-grafts-sent | dvmrp-cache-lifetime | dvmrp-prune-time | dvmrp-prune-lifetime
| dvmrp-prune)*>

<!ELEMENT dvmrp-instance (instance-name | dvmrp-interface | dvmrp-graft |
dvmrp-neighbor | dvmrp-prefix-entry | dvmrp-prune)*>

<!ELEMENT dvmrp-interface (interface-name | dvmrp-interface-state |
dvmrp-interface-leaf | dvmrp-interface-metric | dvmrp-interface-announcements |
dvmrp-interface-mode | dvmrp-interface-holdtime)*>

<!ELEMENT dvmrp-interface-announcements (#PCDATA)>

<!ELEMENT dvmrp-interface-holdtime (#PCDATA)>

<!ELEMENT dvmrp-interface-leaf (#PCDATA)>

<!ELEMENT dvmrp-interface-metric (#PCDATA)>

<!ELEMENT dvmrp-interface-mode (#PCDATA)>

<!ELEMENT dvmrp-interface-state (#PCDATA)>

<!ELEMENT dvmrp-interfaces-information (dvmrp-instance)*>

<!ELEMENT dvmrp-major-version (#PCDATA)>

<!ELEMENT dvmrp-minor-version (#PCDATA)>

<!ELEMENT dvmrp-neighbor (dvmrp-neighbor-address | interface-name |
dvmrp-major-version | dvmrp-minor-version | dvmrp-capability-flags |
dvmrp-neighbor-routes | dvmrp-neighbor-timeout | dvmrp-neighbor-transitions)*>

<!ELEMENT dvmrp-neighbor-address (#PCDATA)>

<!ELEMENT dvmrp-neighbor-generation-id EMPTY>

<!ELEMENT dvmrp-neighbor-leave EMPTY>

<!ELEMENT dvmrp-neighbor-mtrace EMPTY>

<!ELEMENT dvmrp-neighbor-netmask EMPTY>

<!ELEMENT dvmrp-neighbor-one-way EMPTY>

<!ELEMENT dvmrp-neighbor-prune EMPTY>

<!ELEMENT dvmrp-neighbor-routes (#PCDATA)>

<!ELEMENT dvmrp-neighbor-snmpp EMPTY>

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<!ELEMENT dvmrp-neighbor-timeout (#PCDATA)>

<!ELEMENT dvmrp-neighbor-transitions (#PCDATA)>

<!ELEMENT dvmrp-neighbors-information (dvmrp-instance)*>

<!ELEMENT dvmrp-next-hop (#PCDATA)>

<!ELEMENT dvmrp-prefix (#PCDATA)>

<!ELEMENT dvmrp-prefix-age (#PCDATA)>
<ATTLIST dvmrp-prefix-age junos:seconds CDATA #IMPLIED>

<!ELEMENT dvmrp-prefix-entry (dvmrp-prefix | dvmrp-prefix-length | dvmrp-next-hop
| dvmrp-prefix-age | dvmrp-group)*>

<!ELEMENT dvmrp-prefix-information (dvmrp-instance)*>

<!ELEMENT dvmrp-prefix-length (#PCDATA)>

<!ELEMENT dvmrp-prune (dvmrp-neighbor-address | multicast-group-address |
multicast-source-address | multicast-source-prefix-length | dvmrp-prune-timeout)*>

<!ELEMENT dvmrp-prune-lifetime (#PCDATA)>

<!ELEMENT dvmrp-prune-time (#PCDATA)>

<!ELEMENT dvmrp-prune-timeout (#PCDATA)>

<!ELEMENT dvmrp-prunes-information (dvmrp-instance)*>

<!ELEMENT dvmrp-prunes-sent (#PCDATA)>

<!ELEMENT dynamic-tunnel (tunnel-destination | tunnel-state | tunnel-expiry |
tunnel-reference-count | tunnel-nexthop)*>

<!ELEMENT dynamic-tunnel-table (table-name | destination-network)*>

<!ELEMENT dynamic-tunnels-information (dynamic-tunnel-table)*>

<!ELEMENT egress-protection-protected-l2ckt (protected-l2ckt-state |
protected-l2ckt-ingress | protected-l2ckt-egress | protected-l2ckt-vcid)*>

<!ELEMENT egress-protection-protector (protector-state | protector-interface |
interface-status | protector-pe | protector-pe-status | protection-context |
context-status | context-lsp)*>

<!ELEMENT elapsed-time (#PCDATA)>
<ATTLIST elapsed-time junos:seconds CDATA #IMPLIED>

<!ELEMENT element (#PCDATA)>

<!ELEMENT encoding-type (#PCDATA)>

<!ELEMENT end-system-element (end-system-id | end-system-metric)*>

<!ELEMENT end-system-id (#PCDATA)>

<!ELEMENT end-system-metric (#PCDATA)>
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<!ELEMENT entry-state (#PCDATA)>

<!ELEMENT error-count (#PCDATA)>

<!ELEMENT error-count-5seconds (#PCDATA)>

<!ELEMENT error-message (#PCDATA)>

<!ELEMENT error-send-count (#PCDATA)>

<!ELEMENT es-neighbor-id (#PCDATA)>

<!ELEMENT esis-adjacency (esis-neighbor-type | esis-neighbor-id | holdtime |
esis-adjacency-advertised-holdtime | snpa | interface-name | esis-adjacency-log)*>

<!ELEMENT esis-adjacency-advertised-holdtime (#PCDATA)>

<!ELEMENT esis-adjacency-count (#PCDATA)>

<!ELEMENT esis-adjacency-down-reason (#PCDATA)>

<!ELEMENT esis-adjacency-event (#PCDATA)>

<!ELEMENT esis-adjacency-information (esis-adjacency)*>
<ATTLIST esis-adjacency-information junos:style CDATA #IMPLIED>

<!ELEMENT esis-adjacency-log (esis-adjacency-when | esis-adjacency-state |
esis-adjacency-event | esis-adjacency-down-reason)*>

<!ELEMENT esis-adjacency-state (#PCDATA)>

<!ELEMENT esis-adjacency-when (#PCDATA)>
<ATTLIST esis-adjacency-when junos:seconds CDATA #IMPLIED>

<!ELEMENT esis-esct (#PCDATA)>

<!ELEMENT esis-hello-interval (#PCDATA)>

<!ELEMENT esis-interface (interface-name | esis-interface-receives |
esis-interface-sends | interface-index | esis-interface-state-value |
esis-hello-interval | holdtime | esis-esct | esis-adjacency-count |
esis-interface-net)*>

<!ELEMENT esis-interface-information (esis-interface)*>
<ATTLIST esis-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT esis-interface-net (#PCDATA)>

<!ELEMENT esis-interface-receives (#PCDATA)>

<!ELEMENT esis-interface-sends (#PCDATA)>

<!ELEMENT esis-interface-state-value (#PCDATA)>

<!ELEMENT esis-neighbor-id (#PCDATA)>

<!ELEMENT esis-neighbor-type (#PCDATA)>

<!ELEMENT esis-pdu-statistics (esis-pdu-type | packets-received | packets-processed
| packets-dropped | packets-sent | packets-retransmitted)*>

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<!ELEMENT esis-pdu-type (#PCDATA)>

<!ELEMENT esis-statistics-information (esis-pdu-statistics |
esis-totals-information)*>

<!ELEMENT esis-totals-information (packets-received | packets-sent)*>

<!ELEMENT estab-ack-receive-count (#PCDATA)>

<!ELEMENT estab-send-count (#PCDATA)>

<!ELEMENT established-count (#PCDATA)>

<!ELEMENT estimated-free-bytes (#PCDATA)>

<!ELEMENT event-name (#PCDATA)>

<!ELEMENT event-time (#PCDATA)>

<!ELEMENT everything (pim-statistics-global | pim-statistics-other)*>

<!ELEMENT expiration-time (#PCDATA)>

<!ELEMENT expire-time (#PCDATA)>
<ATTLIST expire-time junos:seconds CDATA #IMPLIED>

<!ELEMENT explicit-route (address | explicit-route-type | telink-id)*>
<ATTLIST explicit-route heading CDATA #IMPLIED>

<!ELEMENT explicit-route-type (#PCDATA)>

<!ELEMENT export-count (#PCDATA)>

<!ELEMENT export-list (#PCDATA)>

<!ELEMENT export-policy (#PCDATA)>

<!ELEMENT ext-int-intf-index (#PCDATA)>

<!ELEMENT ext-int-type (#PCDATA)>

<!ELEMENT extended-community (#PCDATA)>

<!ELEMENT extended-information (#PCDATA)>

<!ELEMENT external-peer-count (#PCDATA)>

<!ELEMENT external-prefix-metric (#PCDATA)>

<!ELEMENT family (#PCDATA)>

<!ELEMENT fast-reroute-priority (#PCDATA)>

<!ELEMENT fdep-depnode (dep-rtnode-prefix | dep-rtnode-prefixlen | dep-entries |
dep-active | dep-flags)*>

<!ELEMENT fdep-destination (#PCDATA)>

<!ELEMENT fdep-inode (fdep-inode-color | fdep-inode-consist | fdep-inode-asn)*>

<!ELEMENT fdep-inode-asn (#PCDATA)>
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<!ELEMENT flow-rtn-state (#PCDATA)>

<!ELEMENT flow-ucast-rt (flow-rtn-dest | flow-rtn-plen | flow-rtn-state)*>

<!ELEMENT formatted-tlv-data (#PCDATA)>

<!ELEMENT forward-address (#PCDATA)>

<!ELEMENT forward-nz EMPTY>

<!ELEMENT forward-rsvp EMPTY>

<!ELEMENT forwarded-packet-count (#PCDATA)>

<!ELEMENT forwarding-nh-count (#PCDATA)>

<!ELEMENT forwarding-rate-kilobytes (#PCDATA)>

<!ELEMENT forwarding-rate-packets (#PCDATA)>

<!ELEMENT fragments-rebuilt (#PCDATA)>

<!ELEMENT gateway (#PCDATA)>

<!ELEMENT gateway-addr (#PCDATA)>

<!ELEMENT gateway-snpa (gateway-addr)*>

<!ELEMENT generation-timer (#PCDATA)>

<!ELEMENT gpid (#PCDATA)>

<!ELEMENT graceful-deletion-timeout (#PCDATA)>

<!ELEMENT graceful-deletion-triggered EMPTY>

<!ELEMENT group-count (#PCDATA)>

<!ELEMENT group-flags (#PCDATA)>

<!ELEMENT group-index (#PCDATA)>

<!ELEMENT group-name (#PCDATA)>

<!ELEMENT group-state (#PCDATA)>

<!ELEMENT half-open-peer-count (#PCDATA)>

<!ELEMENT hello-default-holdtime (#PCDATA)>

<!ELEMENT hello-default-holdtime-remaining (#PCDATA)>

<!ELEMENT hello-dr-priority (#PCDATA)>

<!ELEMENT hello-generation-id (#PCDATA)>

<!ELEMENT hello-holdtime (#PCDATA)>

<!ELEMENT hello-holdtime-remaining (#PCDATA)>
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<!ELEMENT hello-interval (#PCDATA)>
<!ELEMENT hello-interval-mismatch-error (#PCDATA)>
<!ELEMENT hello-lanprune-delay (#PCDATA)>
<!ELEMENT hello-override-interval (#PCDATA)>
<!ELEMENT hello-padding (#PCDATA)>
<!ELEMENT hello-received-error (#PCDATA)>
<!ELEMENT hello-time (#PCDATA)>
<!ELEMENT hellos-received (#PCDATA)>
<!ELEMENT hellos-sent (#PCDATA)>
<!ELEMENT helper-nhid (#PCDATA)>
<!ELEMENT helper-refcount (#PCDATA)>
<!ELEMENT helper-status (#PCDATA)>
<!ELEMENT hidden-route-count (#PCDATA)>
<!ELEMENT high-priority (#PCDATA)>
<!ELEMENT high-watermark (#PCDATA)>
<!ELEMENT history (log-time-stamp | log-event | changed-entity)*>
<!ATTLIST history category-heading CDATA #IMPLIED>
<!ATTLIST history heading CDATA #IMPLIED>
<!ELEMENT history-prefix-count (#PCDATA)>
<!ELEMENT hold-priority (#PCDATA)>
<!ELEMENT holddown-route-count (#PCDATA)>
<!ELEMENT holdtime (#PCDATA)>
<!ELEMENT hoplimit (#PCDATA)>
<!ELEMENT host-count (#PCDATA)>
<!ELEMENT host-record (record-type | receiver | record-timeout)*>
<!ELEMENT hostname (#PCDATA)>
<!ELEMENT hostname-tlv (hostname)*>
<!ELEMENT identifier (#PCDATA)>
<!ELEMENT idrp-tlv (tlv-length)*>
<!ELEMENT ifl-repository-state (#PCDATA)>
<!ELEMENT iflist-next-hop (next-hop-id | next-hop-ref-count |
next-hop-kernel-ref-count | next-hop-downstream-interface)*>
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<!ELEMENT igmp-group-information (mgm-interface-groups)*>

<!ELEMENT igmp-hosts-information (mgm-disabled-interface-name | mgm-interface)*>

<!ELEMENT igmp-interface-information (mgm-interface | mgm-configured-parameters
| mgm-derived-parameters | mgm-amt-configured-parameters |
mgm-amt-derived-parameters)*>

<!ELEMENT igmp-output-group-information (mgm-interface-output-groups)*>

<!ELEMENT igmp-statistics-information (mgm-statistics-interface |
mgm-statistics-other | mgm-statistics-global | mgm-statistics-all)*>

<!ELEMENT ignore-path-attributes (#PCDATA)>

<!ELEMENT igp-converging EMPTY>

<!ELEMENT igp-ldp-sync-holdtime (#PCDATA)>

<!ELEMENT igp-ldp-sync-last-change (#PCDATA)>

<!ELEMENT igp-ldp-sync-reason (#PCDATA)>

<!ELEMENT igp-ldp-sync-state (#PCDATA)>

<!ELEMENT igp-ldp-sync-timeleft (#PCDATA)>
<!ATTLIST igp-ldp-sync-timeleft junos:seconds CDATA #IMPLIED>

<!ELEMENT igp-protocol (#PCDATA)>

<!ELEMENT immediate-count (#PCDATA)>

<!ELEMENT import-count (#PCDATA)>

<!ELEMENT import-list (#PCDATA)>

<!ELEMENT import-policy (#PCDATA)>

<!ELEMENT inactive-reason (#PCDATA)>

<!ELEMENT inbound-label (#PCDATA)>

<!ELEMENT incomplete EMPTY>

<!ELEMENT index (#PCDATA)>

<!ELEMENT indication-lsa EMPTY>

<!ELEMENT indirect-nh (#PCDATA)>

<!ELEMENT indirect-nh-count (#PCDATA)>

<!ELEMENT ingress-replication-information (ir-tunnel | ir-unicast-tunnel)*>

<!ELEMENT input-drop-path-attributes (#PCDATA)>

<!ELEMENT input-ignore-path-attributes (#PCDATA)>

<!ELEMENT input-messages (#PCDATA)>

<!ELEMENT input-octets (#PCDATA)>
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<!ELEMENT input-refreshes (#PCDATA)>

<!ELEMENT input-updates (#PCDATA)>

<!ELEMENT installation-time (#PCDATA)>

<!ELEMENT instance (instance-name | instance-display-error | reference-site |
ldp-vpls-reference-site | vpls-protocol-state | vpls-rsvp-te-ingress-p2mp-lsp |
provider-tunnel | neighbor | c-multicast-ipv4 | c-multicast-ipv6)*>
<!ATTLIST instance junos:style CDATA #IMPLIED>

<!ELEMENT instance-core (instance-name | instance-description | router-id |
instance-type | instance-state | instance-restart-state | instance-pathsel-timeout
| instance-rib | instance-interface | instance-vrf)*>
<!ATTLIST instance-core heading CDATA #IMPLIED>

<!ELEMENT instance-description (#PCDATA)>

<!ELEMENT instance-display-error (#PCDATA)>

<!ELEMENT instance-entry (instance-name | ngen-mvpn-mode | instance-display-error
| provider-tunnel | neighbor | c-multicast-ipv4 | c-multicast-ipv6)*>

<!ELEMENT instance-entry-summary (neighbor-summary | c-multicast-summary |
c-multicast-ipv6-summary)*>

<!ELEMENT instance-flags (#PCDATA)>

<!ELEMENT instance-id (#PCDATA)>

<!ELEMENT instance-id-mismatch-error (#PCDATA)>

<!ELEMENT instance-information (instance-core)*>
<!ATTLIST instance-information junos:style CDATA #IMPLIED>

<!ELEMENT instance-interface (interface-name)*>

<!ELEMENT instance-name (#PCDATA)>

<!ELEMENT instance-options (#PCDATA)>

<!ELEMENT instance-pathsel-timeout (#PCDATA)>

<!ELEMENT instance-restart-state (#PCDATA)>

<!ELEMENT instance-rib (irib-name | irib-route-count | irib-active-count |
irib-holddown-count | irib-hidden-count | irib-restart-state)*>

<!ELEMENT instance-state (#PCDATA)>

<!ELEMENT instance-type (#PCDATA)>

<!ELEMENT instance-vrf (route-distinguisher | vrf-import | vrf-export |
vrf-import-target | vrf-export-target | vrf-label-allocation |
vrf-label-substitution | fast-reroute-priority)*>

<!ELEMENT interface (interface-name | interface-id | interface-description |
local-interface-index | interface-flags | interface-flags-description)*>

<!ELEMENT interface-address (#PCDATA)>

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<!ELEMENT interface-cost (#PCDATA)>

<!ELEMENT interface-description (#PCDATA)>

<!ELEMENT interface-description-list (#PCDATA)>

<!ELEMENT interface-disabled-flag EMPTY>

<!ELEMENT interface-encapsulation (#PCDATA)>

<!ELEMENT interface-flags (#PCDATA)>

<!ELEMENT interface-flags-description (#PCDATA)>

<!ELEMENT interface-flood-list-count (#PCDATA)>

<!ELEMENT interface-flood-reduction EMPTY>

<!ELEMENT interface-id (#PCDATA)>

<!ELEMENT interface-index (#PCDATA)>

<!ELEMENT interface-join-sg-count (#PCDATA)>

<!ELEMENT interface-join-tsg-count (#PCDATA)>

<!ELEMENT interface-label-info (#PCDATA)>

<!ELEMENT interface-level-data (level | adjacency-count | interface-priority |
metric | te-metric | passive | hello-time | holdtime | dr-id-one | dr-id-two |
dr-flag | isis-interface-level-topology)*>

<!ELEMENT interface-link-name (#PCDATA)>

<!ELEMENT interface-local-bandwidth-deduction (#PCDATA)>

<!ELEMENT interface-mapped-bandwidth-deduction (#PCDATA)>

<!ELEMENT interface-max-bandwidth (#PCDATA)>

<!ELEMENT interface-mismatch-count (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT interface-nh-index (#PCDATA)>

<!ELEMENT interface-no-qos-adjust (#PCDATA)>

<!ELEMENT interface-priority (#PCDATA)>

<!ELEMENT interface-protection-type (#PCDATA)>

<!ELEMENT interface-remaining-bandwidth (#PCDATA)>

<!ELEMENT interface-repository-state (#PCDATA)>

<!ELEMENT interface-reverse-oif-mapping (#PCDATA)>

<!ELEMENT interface-reverse-oif-mapping-no-qos-adjust (#PCDATA)>
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<!ELEMENT interface-secondary EMPTY>

<!ELEMENT interface-state (#PCDATA)>

<!ELEMENT interface-state-value (#PCDATA)>

<!ELEMENT interface-statistics (interface | remote-pe | broadcast-packets |
broadcast-bytes | multicast-packets | multicast-bytes | flooded-packets |
flooded-bytes | unicast-packets | unicast-bytes | mac-limit | num-mac-count)*>

<!ELEMENT interface-status (#PCDATA)>

<!ELEMENT interface-subscriber-leave-timer (#PCDATA)>

<!ELEMENT interface-type (#PCDATA)>

<!ELEMENT internal-peer-count (#PCDATA)>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT ip-prefix-tlv (isis-topology-id | address-prefix | metric | prefix-status
| subtlv-size | isis-prefix-subtlv)*>
<!ATTLIST ip-prefix-tlv heading CDATA #IMPLIED>

<!ELEMENT ip-protocol-version (#PCDATA)>

<!ELEMENT ipaddress-tlv (address)*>

<!ELEMENT ipsec-sa (#PCDATA)>

<!ELEMENT ipv6-address (#PCDATA)>

<!ELEMENT ipv6-ra-advertisement (ipv6-source-address | ipv6-ra-time-since |
ipv6-ra-managed-flag | ipv6-ra-managed-flag-conflict | ipv6-ra-other-config-flag
| ipv6-ra-other-config-flag-conflict | ipv6-ra-link-mtu |
ipv6-ra-link-mtu-conflict | ipv6-ra-reachable-time |
ipv6-ra-reachable-time-conflict | ipv6-ra-default-lifetime |
ipv6-ra-default-lifetime-conflict | ipv6-ra-retransmit-timer |
ipv6-ra-retransmit-timer-conflict | ipv6-ra-current-hop-limit |
ipv6-ra-current-hop-limit-conflict | ipv6-ra-prefix)*>

<!ELEMENT ipv6-ra-advertisement-sent-time (#PCDATA)>
<!ATTLIST ipv6-ra-advertisement-sent-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ipv6-ra-advertisements-received (#PCDATA)>

<!ELEMENT ipv6-ra-advertisements-sent (#PCDATA)>

<!ELEMENT ipv6-ra-current-hop-limit (#PCDATA)>

<!ELEMENT ipv6-ra-current-hop-limit-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-default-lifetime (#PCDATA)>

<!ELEMENT ipv6-ra-default-lifetime-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-information (ipv6-ra-interface)*>

<!ELEMENT ipv6-ra-interface (interface-name | ipv6-ra-advertisements-sent |
ipv6-ra-advertisement-sent-time | ipv6-ra-solicits-received |
ipv6-ra-solicit-receive-time | ipv6-ra-advertisements-received | vrrp-group |

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ipv6-ra-advertisement)*>

<!ELEMENT ipv6-ra-link-mtu (#PCDATA)>

<!ELEMENT ipv6-ra-link-mtu-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-managed-flag (#PCDATA)>

<!ELEMENT ipv6-ra-managed-flag-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-other-config-flag (#PCDATA)>

<!ELEMENT ipv6-ra-other-config-flag-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-prefix (ipv6-ra-prefix-address | ipv6-ra-prefix-valid-lifetime
| ipv6-ra-prefix-valid-lifetime-conflict | ipv6-ra-prefix-preferred-lifetime |
ipv6-ra-prefix-preferred-lifetime-conflict | ipv6-ra-prefix-on-link |
ipv6-ra-prefix-on-link-conflict | ipv6-ra-prefix-autonomous |
ipv6-ra-prefix-autonomous-conflict)*>

<!ELEMENT ipv6-ra-prefix-address (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-autonomous (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-autonomous-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-on-link (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-on-link-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-preferred-lifetime (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-preferred-lifetime-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-valid-lifetime (#PCDATA)>

<!ELEMENT ipv6-ra-prefix-valid-lifetime-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-reachable-time (#PCDATA)>

<!ELEMENT ipv6-ra-reachable-time-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-retransmit-timer (#PCDATA)>

<!ELEMENT ipv6-ra-retransmit-timer-conflict (#PCDATA)>

<!ELEMENT ipv6-ra-solicit-receive-time (#PCDATA)>
<!ATTLIST ipv6-ra-solicit-receive-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ipv6-ra-solicits-received (#PCDATA)>

<!ELEMENT ipv6-ra-time-since (#PCDATA)>
<!ATTLIST ipv6-ra-time-since junos:seconds CDATA #IMPLIED>

<!ELEMENT ipv6-reachability-tlv (isis-topology-id | ipv6-address | metric |
prefix-extern | prefix-downflag | subtlv-size | isis-prefix-subtlv)*>
<!ATTLIST ipv6-reachability-tlv heading CDATA #IMPLIED>

<!ELEMENT ipv6-source-address (#PCDATA)>

<!ELEMENT ipv6address-tlv (address)*>
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<!ELEMENT ir-tunnel (ir-tunnel-entry)*>
<!ATTLIST ir-tunnel junos:style CDATA #IMPLIED>

<!ELEMENT ir-tunnel-application (#PCDATA)>

<!ELEMENT ir-tunnel-entry (ir-tunnel-name | ir-tunnel-application |
ir-unicast-tunnel)*>

<!ELEMENT ir-tunnel-name (#PCDATA)>

<!ELEMENT ir-unicast-tunnel (ir-unicast-tunnel-entry)*>

<!ELEMENT ir-unicast-tunnel-dst (#PCDATA)>

<!ELEMENT ir-unicast-tunnel-entry (ir-unicast-tunnel-dst | ir-unicast-tunnel-type
| ir-unicast-tunnel-mode | ir-unicast-tunnel-state)*>

<!ELEMENT ir-unicast-tunnel-mode (#PCDATA)>

<!ELEMENT ir-unicast-tunnel-state (#PCDATA)>

<!ELEMENT ir-unicast-tunnel-type (#PCDATA)>

<!ELEMENT irb-present (#PCDATA)>

<!ELEMENT irib-active-count (#PCDATA)>

<!ELEMENT irib-hidden-count (#PCDATA)>

<!ELEMENT irib-holddown-count (#PCDATA)>

<!ELEMENT irib-name (#PCDATA)>

<!ELEMENT irib-restart-state (#PCDATA)>

<!ELEMENT irib-route-count (#PCDATA)>

<!ELEMENT is-detour EMPTY>

<!ELEMENT is-fastreroute EMPTY>

<!ELEMENT is-inter-domain-path EMPTY>

<!ELEMENT is-linkprotection EMPTY>

<!ELEMENT is-neighbor-id (#PCDATA)>

<!ELEMENT is-nodeprotection EMPTY>

<!ELEMENT is-primary EMPTY>

<!ELEMENT is-reachability (isis-fragment | isis-topology-id | is-neighbor-id |
flags | isis-pseudonode | interface-name | metric | subtlv-size | srlgtlv-size |
te-metric | local-address | remote-address | local-ifindex | remote-ifindex |
level)*>

<!ELEMENT is-soft-preemption EMPTY>

<!ELEMENT isis-adjacency (interface-name | system-name | not-remote-address |
level | adjacency-state | holdtime | interface-priority | transition-count |

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last-transition-time | circuit-type | adjacency-restart-capable |
adjacency-advertisement | adjacency-flag | adjacency-topologies | mac-address |
lan-id | ip-address | ipv6-address | snpa | isis-adjacency-log)*>

<!ELEMENT isis-adjacency-holddown (#PCDATA)>

<!ELEMENT isis-adjacency-information (isis-adjacency)*>
<!ATTLIST isis-adjacency-information junos:style CDATA #IMPLIED>

<!ELEMENT isis-adjacency-log (adjacency-when | adjacency-state | adjacency-event
| adjacency-down-reason)*>

<!ELEMENT isis-attached-bit-evaluation (#PCDATA)>

<!ELEMENT isis-authentication-information (isis-interface-authentication |
isis-lsp-authentication)*>

<!ELEMENT isis-backup-coverage (isis-topology-id | level | isis-node-coverage |
isis-route-coverage-ipv4 | isis-route-coverage-ipv6 | isis-route-coverage-clns)*>

<!ELEMENT isis-backup-coverage-information (isis-backup-coverage)*>

<!ELEMENT isis-backup-mplsp (lsp-name | lsp-status | lsp-addr | metric | te-metric
| lsp-last-change | lsp-refcount)*>

<!ELEMENT isis-backup-mplsp-information (isis-backup-mplsp)*>

<!ELEMENT isis-backup-spf-result (node-id | no-first-fragment | backup-root |
backup-root-metric | metric | backup-root-preference | track-item |
next-hop-element | backup-next-hop-element | no-coverage-reason)*>

<!ELEMENT isis-context (isis-context-id | isis-context-level |
isis-context-owner-proto | isis-context-role | isis-context-primary |
isis-context-metric | isis-context-advertiser-router-id | isis-context-advertiser
| isis-context-advertiser-metric | isis-context-advertiser-level)*>
<!ATTLIST isis-context heading CDATA #IMPLIED>

<!ELEMENT isis-context-advertiser (#PCDATA)>

<!ELEMENT isis-context-advertiser-level (#PCDATA)>

<!ELEMENT isis-context-advertiser-metric (#PCDATA)>

<!ELEMENT isis-context-advertiser-router-id (#PCDATA)>

<!ELEMENT isis-context-id (#PCDATA)>

<!ELEMENT isis-context-information (isis-context)*>
<!ATTLIST isis-context-information junos:style CDATA #IMPLIED>

<!ELEMENT isis-context-information-local (isis-context-local)*>
<!ATTLIST isis-context-information-local junos:style CDATA #IMPLIED>

<!ELEMENT isis-context-level (#PCDATA)>

<!ELEMENT isis-context-local (context-id-local | context-level1-state |
context-level2-state | metric-one | metric-two)*>
<!ATTLIST isis-context-local heading CDATA #IMPLIED>

<!ELEMENT isis-context-metric (#PCDATA)>
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<!ELEMENT isis-context-owner-proto (#PCDATA)>

<!ELEMENT isis-context-primary (#PCDATA)>

<!ELEMENT isis-context-role (#PCDATA)>

<!ELEMENT isis-database (level | isis-database-entry | lsp-count)*>

<!ELEMENT isis-database-entry (lsp-id | sequence-number | checksum |
remaining-lifetime | lsp-attributes | isis-neighbor | isis-prefix | isis-header
| isis-packet | lsp-stub | isis-tlv | transmission-status | isis-es-neighbor)*>

<!ELEMENT isis-database-information (isis-database)*>
<!ATTLIST isis-database-information junos:style CDATA #IMPLIED>

<!ELEMENT isis-database-local (level | isis-database-local-entry)*>

<!ELEMENT isis-database-local-data (isis-database-local-data-type |
isis-database-local-data-name | tlv-size | address | protocol | mtid | router-id
| hostname | prefix-reachability | is-reachability | unknown-local-data)*>

<!ELEMENT isis-database-local-data-name (#PCDATA)>

<!ELEMENT isis-database-local-data-type (#PCDATA)>

<!ELEMENT isis-database-local-entry (lsp-id | sequence-number | checksum |
remaining-lifetime | lsp-attributes | isis-database-local-data |
estimated-free-bytes)*>

<!ELEMENT isis-database-local-information (isis-database-local)*>

<!ELEMENT isis-es-neighbor (es-neighbor-id | metric | reachability-delay |
reachability-expense | reachability-error)*>

<!ELEMENT isis-external-preference (#PCDATA)>

<!ELEMENT isis-fragment (#PCDATA)>

<!ELEMENT isis-header (lsp-id | pdu-length | allocated-length | router-id |
remaining-lifetime | level | interface-index | estimated-free-bytes |
actual-free-bytes | lsdb-timer-type | lsdb-expiration-time | needs-rebuild |
protocol)*>

<!ELEMENT isis-hostname (system-id | system-name | isis-hostname-type)*>

<!ELEMENT isis-hostname-information (isis-hostname)*>

<!ELEMENT isis-hostname-type (#PCDATA)>

<!ELEMENT isis-ignore-lsp-metrics EMPTY>

<!ELEMENT isis-interface (interface-name | circuit-type | circuit-id |
isis-interface-state-one | isis-interface-state-two | interface-disabled-flag |
dr-id-one | dr-id-two | metric-one | metric-two | interface-index |
interface-state-value | lsp-interval | csnp-interval | hello-padding |
interface-protection-type | no-eligible-backup | system-name | mesh-group |
adjacency-advertisement | interface-level-data | igp-ldp-sync-holdtime |
igp-ldp-sync-state | igp-ldp-sync-last-change | igp-ldp-sync-reason |
igp-ldp-sync-timeleft)*>
<!ATTLIST isis-interface heading CDATA #IMPLIED>

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<!ELEMENT isis-interface-authentication (interface-name |
isis-interface-level-authentication)*>

<!ELEMENT isis-interface-information (isis-interface)*>
<!ATTLIST isis-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT isis-interface-level-authentication (level |
isis-interface-level-iih-authentication | isis-interface-level-csn-authentication
| isis-interface-level-psn-authentication)*>

<!ELEMENT isis-interface-level-csn-authentication (#PCDATA)>

<!ELEMENT isis-interface-level-iih-authentication (#PCDATA)>

<!ELEMENT isis-interface-level-psn-authentication (#PCDATA)>

<!ELEMENT isis-interface-level-topology (isis-topology-id | isis-topology-metric)*>

<!ELEMENT isis-interface-state-one (#PCDATA)>

<!ELEMENT isis-interface-state-two (#PCDATA)>

<!ELEMENT isis-ipv4-multicast-rpf-routes EMPTY>

<!ELEMENT isis-iso-prefix-tlv (metric | metric-flag | reachability-delay |
reachability-expense | reachability-error | prefix-status | iso-prefix)*>
<!ATTLIST isis-iso-prefix-tlv heading CDATA #IMPLIED>

<!ELEMENT isis-level (#PCDATA)>

<!ELEMENT isis-level-information (isis-level | isis-preference |
isis-external-preference | isis-prefix-export-limit | isis-narrow-metrics |
isis-wide-metrics)*>

<!ELEMENT isis-level-lsp-authentication (#PCDATA)>

<!ELEMENT isis-lsp-authentication (level | isis-level-lsp-authentication)*>

<!ELEMENT isis-lsp-lifetime (#PCDATA)>
<!ATTLIST isis-lsp-lifetime junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-max-areas (#PCDATA)>

<!ELEMENT isis-narrow-metrics EMPTY>

<!ELEMENT isis-neighbor (isis-topology-id | is-neighbor-id | metric |
two-way-lsp-id | firstfrag-lsp-id | reachability-delay | reachability-expense |
reachability-error)*>

<!ELEMENT isis-next-hop (#PCDATA)>

<!ELEMENT isis-next-hop-type (#PCDATA)>

<!ELEMENT isis-node-coverage (#PCDATA)>

<!ELEMENT isis-overload-allow-route-leaking (#PCDATA)>

<!ELEMENT isis-overload-enabled EMPTY>

<!ELEMENT isis-overload-high-metrics (#PCDATA)>
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<!ELEMENT isis-overload-information (isis-overload-enabled |
isis-overload-high-metrics | isis-overload-allow-route-leaking |
isis-overload-timeout | isis-overload-remaining-time)*>

<!ELEMENT isis-overload-remaining-time (#PCDATA)>
<!ATTLIST isis-overload-remaining-time junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-overload-timeout (#PCDATA)>
<!ATTLIST isis-overload-timeout junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-overview (instance-name | isis-router-id | isis-max-areas |
isis-lsp-lifetime | isis-reference-bandwidth | isis-adjacency-holddown |
isis-attached-bit-evaluation | isis-spf-information | isis-overload-information
| isis-routing | isis-traffic-engineering | isis-restart |
isis-level-information)*>

<!ELEMENT isis-overview-information (isis-overview)*>

<!ELEMENT isis-packet (lsp-id | pdu-length | pdu-lifetime | checksum |
sequence-number | lsp-attributes | nlp-id | mtid | lsp-length | pdu-version |
system-id-length | isis-packet-type | packet-version | maximum-area)*>

<!ELEMENT isis-packet-type (#PCDATA)>

<!ELEMENT isis-pdu-statistics (isis-pdu-type | packets-received | packets-processed
| packets-dropped | packets-sent | packets-retransmitted)*>

<!ELEMENT isis-pdu-type (#PCDATA)>

<!ELEMENT isis-preference (#PCDATA)>

<!ELEMENT isis-prefix (protocol-name | isis-topology-id | address-prefix | metric
| prefix-flag | prefix-status | reachability-delay | reachability-expense |
reachability-error)*>
<!ATTLIST isis-prefix junos:style CDATA #IMPLIED>

<!ELEMENT isis-prefix-export-limit (#PCDATA)>

<!ELEMENT isis-prefix-subtlv (isis-prefix-tag)*>

<!ELEMENT isis-prefix-tag (isis-prefix-tag-index | isis-prefix-tag-value)*>

<!ELEMENT isis-prefix-tag-index (#PCDATA)>

<!ELEMENT isis-prefix-tag-value (#PCDATA)>

<!ELEMENT isis-pseudonode (#PCDATA)>

<!ELEMENT isis-reachability-subtlv (isis-subtlv-type | subtlv-length |
max-bandwidth | max-reserve-bandwidth | current-bandwidth-header |
current-reserve-bandwidth | admin-groups | bandwidth-priority | local-ifindex |
remote-ifindex | address | neighbor-prefix | address-prefix | prefix-err-message
| te-metric | dste-bc-header | dste-bc-model | dste-bc-count | dste-bc-bw)*>

<!ELEMENT isis-reference-bandwidth (#PCDATA)>

<!ELEMENT isis-replication-adjacency (interface-name | system-name | level |
adjacency-state | snpa | instance-name | interface-index | reference-count |
transition-count | last-transition-time | adjacency-event)*>

<!ELEMENT isis-replication-adjacency-information (isis-replication-adjacency)*>

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<!ELEMENT isis-replication-database (instance-name | level |
isis-replication-database-entry | isis-replication-database-entry-count)*>

<!ELEMENT isis-replication-database-entry (lsp-id | sequence-number | checksum |
remaining-lifetime | replication-entry-in-use)*>

<!ELEMENT isis-replication-database-entry-count (#PCDATA)>

<!ELEMENT isis-replication-database-information (isis-replication-database)*>

<!ELEMENT isis-replication-interface (interface-name | instance-name | circuit-id
| dr-id-one | dr-id-two | isis-interface-state-one | isis-interface-state-two |
replication-entry-in-use)*>

<!ELEMENT isis-replication-interface-information (isis-replication-interface)*>

<!ELEMENT isis-replication-statistics (isis-replication-type | add-messages |
change-messages | delete-messages)*>

<!ELEMENT isis-replication-statistics-information (isis-replication-statistics)*>

<!ELEMENT isis-replication-system-id (instance-name | system-id |
replication-entry-in-use)*>

<!ELEMENT isis-replication-system-id-information (isis-replication-system-id)*>

<!ELEMENT isis-replication-type (#PCDATA)>

<!ELEMENT isis-restart (isis-restart-enabled | isis-restart-duration |
isis-restart-helper-mode-enabled)*>

<!ELEMENT isis-restart-duration (#PCDATA)>
<ATTLIST isis-restart-duration junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-restart-enabled (#PCDATA)>

<!ELEMENT isis-restart-helper-mode-enabled (#PCDATA)>

<!ELEMENT isis-route (address-prefix | level | route-version | metric | metric-type
| interface-name | isis-next-hop-type | isis-next-hop | snpa)*>
<ATTLIST isis-route junos:style CDATA #IMPLIED>

<!ELEMENT isis-route-coverage-clns (#PCDATA)>

<!ELEMENT isis-route-coverage-ipv4 (#PCDATA)>

<!ELEMENT isis-route-coverage-ipv6 (#PCDATA)>

<!ELEMENT isis-route-information (isis-routing-table)*>

<!ELEMENT isis-router-id (#PCDATA)>

<!ELEMENT isis-routing (isis-routing-ipv4 | isis-routing-ipv6 |
isis-routing-clns)*>

<!ELEMENT isis-routing-clns EMPTY>

<!ELEMENT isis-routing-ipv4 EMPTY>

<!ELEMENT isis-routing-ipv6 EMPTY>
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<!ELEMENT isis-routing-table (isis-topology-id | level-one-version |
level-two-version | isis-route)*>

<!ELEMENT isis-spf (isis-spf-results-header | isis-spf-result | node-count |
isis-spf-log-header | isis-spf-log | isis-backup-spf-result)*>

<!ELEMENT isis-spf-delay (#PCDATA)>
<!ATTLIST isis-spf-delay junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-spf-holddown (#PCDATA)>
<!ATTLIST isis-spf-holddown junos:seconds CDATA #IMPLIED>

<!ELEMENT isis-spf-information (isis-spf-delay | isis-spf-holddown |
isis-spf-rapid-runs | isis-spf)*>

<!ELEMENT isis-spf-log (start-time | elapsed-time | spf-trigger-count |
logging-reason | lsp-name | system-name | interface-name)*>

<!ELEMENT isis-spf-log-header (level | isis-topology-id)*>

<!ELEMENT isis-spf-rapid-runs (#PCDATA)>

<!ELEMENT isis-spf-result (node-id | disconnected | metric | no-first-fragment |
next-hop-element | prefix-element | end-system-element)*>

<!ELEMENT isis-spf-results-header (level | isis-topology-id)*>

<!ELEMENT isis-srlg-name (#PCDATA)>

<!ELEMENT isis-srlg-tlv (address-prefix | srlg-flag | srlg-local-ifindex |
srlg-remote-ifindex | srlg-address | srlg-neighbor-prefix | isis-srlg-value)*>
<!ATTLIST isis-srlg-tlv heading CDATA #IMPLIED>

<!ELEMENT isis-srlg-value (isis-srlg-name)*>
<!ATTLIST isis-srlg-value heading CDATA #IMPLIED>

<!ELEMENT isis-statistics (system-name | isis-pdu-statistics | totals-information
| snp-queue-length | snp-queue-drops | lsp-queue-length | lsp-queue-drops |
spf-runs | fragments-rebuilt | lsps-regenerated | purges-initiated)*>

<!ELEMENT isis-statistics-information (isis-statistics)*>

<!ELEMENT isis-subtlv-type (#PCDATA)>

<!ELEMENT isis-te-shortcuts-clns EMPTY>

<!ELEMENT isis-te-shortcuts-ipv4 EMPTY>

<!ELEMENT isis-te-shortcuts-ipv6 EMPTY>

<!ELEMENT isis-te-status (#PCDATA)>

<!ELEMENT isis-ted-credibility-preference EMPTY>

<!ELEMENT isis-tlv (isis-tlv-overhead | area-address-tlv | protocols-tlv | mt-tlv
| hostname-tlv | ipaddress-tlv | ipv6address-tlv | router-id-tlv |
reachability-tlv | isis-iso-prefix-tlv | isis-prefix-subtlv | ipv6-reachability-tlv
| isis-reachability-subtlv | authentication-tlv | idrp-tlv | ip-prefix-tlv |
isis-srlg-tlv | unknown-tlv | tlv-stragglers)*>
<!ATTLIST isis-tlv heading CDATA #IMPLIED>

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<!ELEMENT isis-tlv-overhead (isis-tlv-type | tlv-length | bytes-left)*>

<!ELEMENT isis-tlv-type (#PCDATA)>

<!ELEMENT isis-topology-id (#PCDATA)>

<!ELEMENT isis-topology-metric (#PCDATA)>

<!ELEMENT isis-traffic-engineering (isis-te-status | isis-te-shortcuts-ipv4 |
isis-te-shortcuts-ipv6 | isis-te-shortcuts-clns | isis-ipv4-multicast-rpf-routes
| isis-ignore-lsp-metrics | isis-ted-credibility-preference)*>

<!ELEMENT isis-wide-metrics EMPTY>

<!ELEMENT iso-prefix (#PCDATA)>

<!ELEMENT join-family (pim-instance | address-family | join-summary | join-group)*>
<ATTLIST join-family junos:style CDATA #IMPLIED>

<!ELEMENT join-group (multicast-group-address | multicast-source-address |
rendezvous-point-address | pim-group-flags | upstream-protocol-name |
upstream-interface-name | pim-interface-state | upstream-neighbor |
upstream-neighbor-rpf-origin | dense-event | downstream-interface |
upstream-state-flags | keepalive-timeout | no-keepalive-timeout |
sparse-downstream-interface)*>
<ATTLIST join-group junos:style CDATA #IMPLIED>

<!ELEMENT join-summary (multicast-route-type | multicast-route-count)*>

<!ELEMENT join-timeout (#PCDATA)>

<!ELEMENT join-to-rp EMPTY>

<!ELEMENT join-to-source EMPTY>

<!ELEMENT juniper-routing-aspath (aspath-domain | aspath-table)*>

<!ELEMENT keep-multiplier (#PCDATA)>

<!ELEMENT keepalive-interval (#PCDATA)>

<!ELEMENT keepalive-timeout (#PCDATA)>

<!ELEMENT l2circuit-connection-information (l2circuit-neighbor)*>
<ATTLIST l2circuit-connection-information junos:style CDATA #IMPLIED>

<!ELEMENT l2circuit-neighbor (neighbor-address | neighbor-display-error |
lsw-interface-name | connection | connections-summary)*>

<!ELEMENT l2ckt-label-repository (neighbor-id | vc-id | vc-label |
label-repository-state)*>

<!ELEMENT l2ckt-label-repository-information (l2ckt-label-repository)*>

<!ELEMENT l2iw-domain (l2iw-domain-name)*>

<!ELEMENT l2iw-domain-name (#PCDATA)>

<!ELEMENT l2iw-peering-information (l2iw-domain)*>
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<!ELEMENT l2vpn-connection-information (instance)*>

<!ELEMENT l2vpn-label-repository-information
(l2vpn-route-distinguisher-information)*>

<!ELEMENT l2vpn-labels (instance-id | site-id | label-block-offset |
label-block-base | label-block-range)*>

<!ELEMENT l2vpn-labels-information (l2vpn-labels)*>

<!ELEMENT l2vpn-local-site-id (#PCDATA)>

<!ELEMENT l2vpn-nlri-advertisement (site-id | label-block-offset | label-block-base
| label-block-range | label-repository-state)*>

<!ELEMENT l2vpn-remote-site-id (#PCDATA)>

<!ELEMENT l2vpn-route-distinguisher-information (route-distinguisher | instance-id
| l2vpn-nlri-advertisement)*>

<!ELEMENT l2vpn-status-vector (#PCDATA)>

<!ELEMENT label-base (#PCDATA)>

<!ELEMENT label-block (label-block-base | label-block-offset | label-block-range
| label-block-size | label-block-preference | label-block-status-vector)*>
<!ATTLIST label-block heading CDATA #IMPLIED>

<!ELEMENT label-block-base (#PCDATA)>

<!ELEMENT label-block-offset (#PCDATA)>

<!ELEMENT label-block-preference (#PCDATA)>

<!ELEMENT label-block-range (#PCDATA)>

<!ELEMENT label-block-size (#PCDATA)>

<!ELEMENT label-block-status-vector (#PCDATA)>

<!ELEMENT label-in (#PCDATA)>

<!ELEMENT label-operation (#PCDATA)>

<!ELEMENT label-out (#PCDATA)>

<!ELEMENT label-range (#PCDATA)>

<!ELEMENT label-repository-state (#PCDATA)>

<!ELEMENT label-ttl-action (#PCDATA)>

<!ELEMENT lan-id (#PCDATA)>

<!ELEMENT lanp2p-cfgmismatch-error (#PCDATA)>

<!ELEMENT last-active EMPTY>

<!ELEMENT last-address (#PCDATA)>

<!ELEMENT last-change (#PCDATA)>

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<!ELEMENT last-changed-time (#PCDATA)>
<!ATTLIST last-changed-time junos:seconds CDATA #IMPLIED>

<!ELEMENT last-checked (#PCDATA)>

<!ELEMENT last-error (#PCDATA)>

<!ELEMENT last-event (#PCDATA)>

<!ELEMENT last-flap-event (#PCDATA)>

<!ELEMENT last-member-query-interval (#PCDATA)>

<!ELEMENT last-merit (#PCDATA)>

<!ELEMENT last-received (#PCDATA)>

<!ELEMENT last-sent (#PCDATA)>

<!ELEMENT last-state (#PCDATA)>

<!ELEMENT last-transition (#PCDATA)>

<!ELEMENT last-transition-time (#PCDATA)>
<!ATTLIST last-transition-time junos:seconds CDATA #IMPLIED>

<!ELEMENT last-update (#PCDATA)>
<!ATTLIST last-update junos:seconds CDATA #IMPLIED>

<!ELEMENT layer2-connection (neighbor-address | interface-name | vc-id |
connection-bandwidth)*>

<!ELEMENT layer2-domain-port-snpa (port-id)*>

<!ELEMENT layer2-multicast-port-id (#PCDATA)>

<!ELEMENT layer2-multicast-port-snpa (layer2-multicast-port-id)*>

<!ELEMENT layer2-tspec (switching-granularity | mtu | atm-vp-bundle-size |
atm-cell-bundle-size)*>

<!ELEMENT ldp-binding (ldp-label | ldp-prefix | ldp-binding-filtered |
ldp-binding-stale | ldp-binding-mtu | ldp-binding-cell-bundle-size |
ldp-binding-requested-vlan-id | ldp-binding-bitrate | ldp-binding-payload-size |
ldp-binding-pw-status-code | ldp-binding-state | ldp-binding-age |
ldp-binding-delete-scheduled | ldp-binding-queued | ldp-binding-not-yet-sent |
ldp-binding-l2protec-context-id | ldp-binding-l2protec-ctrl-word |
ldp-binding-standby | ldp-l2circuit-vccv-cc-type | ldp-l2circuit-vccv-cv-type)*>

<!ELEMENT ldp-binding-age (#PCDATA)>

<!ELEMENT ldp-binding-bitrate (#PCDATA)>

<!ELEMENT ldp-binding-cell-bundle-size (#PCDATA)>

<!ELEMENT ldp-binding-delete-scheduled (#PCDATA)>

<!ELEMENT ldp-binding-filtered EMPTY>

<!ELEMENT ldp-binding-l2protec-context-id (#PCDATA)>
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<!ELEMENT ldp-binding-l2protec-ctrl-word (#PCDATA)>

<!ELEMENT ldp-binding-mtu (#PCDATA)>

<!ELEMENT ldp-binding-not-yet-sent EMPTY>

<!ELEMENT ldp-binding-payload-size (#PCDATA)>

<!ELEMENT ldp-binding-pw-status-code (#PCDATA)>

<!ELEMENT ldp-binding-queued EMPTY>

<!ELEMENT ldp-binding-requested-vlan-id (#PCDATA)>

<!ELEMENT ldp-binding-stale EMPTY>

<!ELEMENT ldp-binding-standby (ldp-binding-standby-map-count |
ldp-binding-standby-rel-count)*>

<!ELEMENT ldp-binding-standby-map-count (#PCDATA)>

<!ELEMENT ldp-binding-standby-rel-count (#PCDATA)>

<!ELEMENT ldp-binding-state (#PCDATA)>

<!ELEMENT ldp-block-time (#PCDATA)>

<!ELEMENT ldp-capability (#PCDATA)>

<!ELEMENT ldp-config-sequence (#PCDATA)>

<!ELEMENT ldp-connection-state (#PCDATA)>

<!ELEMENT ldp-database (ldp-database-type | ldp-session-id | ldp-binding)*>

<!ELEMENT ldp-database-information (ldp-database)*>

<!ELEMENT ldp-database-type (#PCDATA)>

<!ELEMENT ldp-down-reason (#PCDATA)>

<!ELEMENT ldp-egress-label EMPTY>

<!ELEMENT ldp-egress-nh (ldp-egress-nh-type | interface-name)*>

<!ELEMENT ldp-egress-nh-type (#PCDATA)>

<!ELEMENT ldp-event-count (#PCDATA)>

<!ELEMENT ldp-event-count-5seconds (#PCDATA)>

<!ELEMENT ldp-event-statistics (ldp-event-type | ldp-event-count |
ldp-event-count-5seconds)*>

<!ELEMENT ldp-event-type (#PCDATA)>

<!ELEMENT ldp-fec-filter (ldp-prefix | ldp-ingress-filter | ldp-ingress-filterid
| ldp-transit-filter | ldp-transit-filterid)*>

<!ELEMENT ldp-fec-filters-information (ldp-fec-filter)*>

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<!ELEMENT ldp-global-label (#PCDATA)>

<!ELEMENT ldp-graceful-restart-local (#PCDATA)>

<!ELEMENT ldp-graceful-restart-remote (#PCDATA)>

<!ELEMENT ldp-graceful-restart-state (#PCDATA)>

<!ELEMENT ldp-hello-interval (#PCDATA)>

<!ELEMENT ldp-hello-received (#PCDATA)>

<!ELEMENT ldp-hello-sent (#PCDATA)>

<!ELEMENT ldp-helper-mode-state (#PCDATA)>

<!ELEMENT ldp-helper-mode-time (#PCDATA)>

<!ELEMENT ldp-holdtime (#PCDATA)>

<!ELEMENT ldp-ingress-filter (#PCDATA)>

<!ELEMENT ldp-ingress-filterid (#PCDATA)>

<!ELEMENT ldp-ingress-label EMPTY>

<!ELEMENT ldp-ingress-route-last-modified-time (#PCDATA)>
<!--ATTLIST ldp-ingress-route-last-modified-time junos:seconds CDATA #IMPLIED-->

<!ELEMENT ldp-ingress-route-status (#PCDATA)>

<!ELEMENT ldp-inlib-label (#PCDATA)>

<!ELEMENT ldp-inlib-session (#PCDATA)>

<!ELEMENT ldp-instance-id (#PCDATA)>

<!ELEMENT ldp-interface (interface-name | ldp-label-space-id | ldp-neighbor-count
| ldp-next-hello | ldp-hello-interval | ldp-local-hello-interval | ldp-holdtime
| ldp-transport-address | ldp-interface-index | ldp-block-time | ldp-hello-sent
| ldp-hello-received)*>

<!ELEMENT ldp-interface-index (#PCDATA)>

<!--ELEMENT ldp-interface-information (ldp-interface)*-->

<!ELEMENT ldp-keepalive-interval (#PCDATA)>

<!ELEMENT ldp-keepalive-time (#PCDATA)>

<!--ELEMENT ldp-l2circuit-vccv-cc-type (mpls-type-control-word |
mpls-type-router-alert | mpls-type-pw-label)*-->

<!--ELEMENT ldp-l2circuit-vccv-cv-type (mpls-type-icmp-ping | mpls-type-lsp-ping |
mpls-type-bfd-pw-ach-fd | mpls-type-bfd-pw-ach-fd-fss | mpls-type-bfd-ip-udp-fd
| mpls-type-bfd-ip-udp-fd-fss)*-->

<!ELEMENT ldp-label (#PCDATA)>

<!--ELEMENT ldp-label-session (#PCDATA)-->
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<!ELEMENT ldp-label-space-id (#PCDATA)>

<!ELEMENT ldp-last-down-time (#PCDATA)>
<!ATTLIST ldp-last-down-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ldp-local-address (#PCDATA)>

<!ELEMENT ldp-local-hello-interval (#PCDATA)>

<!ELEMENT ldp-local-helper-mode (#PCDATA)>

<!ELEMENT ldp-local-maximum-reconnect (#PCDATA)>

<!ELEMENT ldp-local-maximum-recovery (#PCDATA)>

<!ELEMENT ldp-local-reconnect-time (#PCDATA)>

<!ELEMENT ldp-merged-next-hop EMPTY>

<!ELEMENT ldp-message-statistics (ldp-message-type | ldp-messages-sent |
ldp-messages-received | ldp-messages-sent-5seconds |
ldp-messages-received-5seconds)*>

<!ELEMENT ldp-message-type (#PCDATA)>

<!ELEMENT ldp-messages-received (#PCDATA)>

<!ELEMENT ldp-messages-received-5seconds (#PCDATA)>

<!ELEMENT ldp-messages-sent (#PCDATA)>

<!ELEMENT ldp-messages-sent-5seconds (#PCDATA)>

<!ELEMENT ldp-neighbor (ldp-neighbor-address | interface-name | ldp-label-space-id
| ldp-remaining-time | ldp-transport-address | ldp-config-sequence | ldp-up-time
| ldp-reference-count | ldp-holdtime | ldp-proposed-local-holdtime |
ldp-proposed-peer-holdtime | ldp-hello-interval | ldp-neighbor-hello-flags |
ldp-neighbor-types)*>

<!ELEMENT ldp-neighbor-address (#PCDATA)>

<!ELEMENT ldp-neighbor-count (#PCDATA)>

<!ELEMENT ldp-neighbor-hello-flag (#PCDATA)>

<!ELEMENT ldp-neighbor-hello-flags (ldp-neighbor-hello-flag)*>

<!ELEMENT ldp-neighbor-information (ldp-neighbor)*>

<!ELEMENT ldp-neighbor-replication (ldp-instance-id | ldp-neighbor-address |
interface-name | ldp-neighbor-replication-state | ldp-interface-index |
ldp-neighbor-replication-age | ldp-reference-count)*>

<!ELEMENT ldp-neighbor-replication-age (#PCDATA)>

<!ELEMENT ldp-neighbor-replication-information (ldp-neighbor-replication)*>

<!ELEMENT ldp-neighbor-replication-state (#PCDATA)>

<!ELEMENT ldp-neighbor-type (#PCDATA)>

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<!ELEMENT ldp-neighbor-types (ldp-neighbor-type)*>

<!ELEMENT ldp-next-hello (#PCDATA)>

<!ELEMENT ldp-nexthop (interface-name | lsp-name | lsp-no-ldp-tunneling |
interface-address | ldp-session-id)*>

<!ELEMENT ldp-no-label EMPTY>

<!ELEMENT ldp-oam-bfd-session (ldp-oam-destination-address |
ldp-oam-bfd-session-state | ldp-oam-lsp-ping-state | ldp-oam-nexthop-address |
ldp-oam-interface-name | ldp-oam-nexthop-lsp)*>

<!ELEMENT ldp-oam-bfd-session-state (#PCDATA)>

<!ELEMENT ldp-oam-destination-address (#PCDATA)>

<!ELEMENT ldp-oam-information (ldp-oam-status)*>

<!ELEMENT ldp-oam-interface-name (#PCDATA)>

<!ELEMENT ldp-oam-lsp-ping-state (#PCDATA)>

<!ELEMENT ldp-oam-nexthop-address (#PCDATA)>

<!ELEMENT ldp-oam-nexthop-lsp (#PCDATA)>

<!ELEMENT ldp-oam-path (ldp-oam-destination-address | ldp-oam-nexthop-address |
ldp-oam-interface-name | ldp-oam-nexthop-lsp | ldp-oam-bfd-session-state |
ldp-oam-lsp-ping-state | ldp-oam-path-address)*>

<!ELEMENT ldp-oam-path-address (#PCDATA)>

<!ELEMENT ldp-oam-prefix (#PCDATA)>

<!ELEMENT ldp-oam-status (ldp-oam-prefix | ldp-oam-time | ldp-oam-path)*>

<!ELEMENT ldp-oam-time (#PCDATA)>
<!ATTLIST ldp-oam-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ldp-outlib-label (#PCDATA)>

<!ELEMENT ldp-outlib-session (#PCDATA)>

<!ELEMENT ldp-p2mp-egress-label (#PCDATA)>

<!ELEMENT ldp-p2mp-inlib-label (ldp-label-session | ldp-label)*>

<!ELEMENT ldp-p2mp-outlib-label (#PCDATA)>

<!ELEMENT ldp-p2mp-outlib-session (#PCDATA)>

<!ELEMENT ldp-p2mp-path (ldp-p2mp-path-type | ldp-p2mp-outlib-session |
ldp-p2mp-outlib-label | ldp-p2mp-egress-label | ldp-p2mp-inlib-label |
ldp-egress-nh | ldp-p2mp-path-fec | ldp-p2mp-path-transit-route |
ldp-p2mp-path-address | ldp-reference-count)*>

<!ELEMENT ldp-p2mp-path-address (#PCDATA)>

<!ELEMENT ldp-p2mp-path-fec (ldp-prefix | ldp-prefix-active)*>
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<!ELEMENT ldp-p2mp-path-information (ldp-p2mp-path)*>

<!ELEMENT ldp-p2mp-path-transit-route EMPTY>

<!ELEMENT ldp-p2mp-path-type (#PCDATA)>

<!ELEMENT ldp-p2mp-traffic-statistics (ldp-prefix | ldp-traffic-branch-nexthop-addr
| ldp-traffic-error | ldp-traffic-statistics-packet-count |
ldp-traffic-statistics-byte-count | ldp-traffic-multiple-fec)*>

<!ELEMENT ldp-path (ldp-outlib-session | ldp-outlib-label | ldp-ingress-label |
ldp-inlib-session | ldp-inlib-label | ldp-egress-label | ldp-path-route |
ldp-reference-count | ldp-route-transit | ldp-global-label | ldp-merged-next-hop)*>

<!ELEMENT ldp-path-information (ldp-path)*>

<!ELEMENT ldp-path-replication (ldp-instance-id | ldp-label |
ldp-path-replication-ingress-selfid | ldp-path-replication-transit-selfid |
ldp-path-replication-state | ldp-reference-count)*>

<!ELEMENT ldp-path-replication-information (ldp-path-replication)*>

<!ELEMENT ldp-path-replication-ingress-selfid (#PCDATA)>

<!ELEMENT ldp-path-replication-state (#PCDATA)>

<!ELEMENT ldp-path-replication-transit-selfid (#PCDATA)>

<!ELEMENT ldp-path-route (ldp-prefix | ldp-route-ingress)*>

<!ELEMENT ldp-prefix (#PCDATA)>

<!ELEMENT ldp-prefix-active (#PCDATA)>

<!ELEMENT ldp-proposed-local-holdtime (#PCDATA)>

<!ELEMENT ldp-proposed-peer-holdtime (#PCDATA)>

<!ELEMENT ldp-reference-count (#PCDATA)>

<!ELEMENT ldp-remaining-time (#PCDATA)>

<!ELEMENT ldp-remote-address (#PCDATA)>

<!ELEMENT ldp-remote-helper-mode (#PCDATA)>

<!ELEMENT ldp-remote-reconnect-time (#PCDATA)>

<!ELEMENT ldp-restart-complete-time (#PCDATA)>

<!ELEMENT ldp-retry-interval (#PCDATA)>

<!ELEMENT ldp-retry-time (#PCDATA)>

<!ELEMENT ldp-route (ldp-prefix | ldp-nexthop | ldp-label | ldp-no-label |
ldp-topology-entry | ldp-ingress-route-status |
ldp-ingress-route-last-modified-time | ldp-merged-next-hop | ldp-oam-bfd-session)*>

<!ELEMENT ldp-route-information (ldp-route)*>

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<!ELEMENT ldp-route-ingress EMPTY>

<!ELEMENT ldp-route-transit EMPTY>

<!ELEMENT ldp-session (ldp-neighbor-address | ldp-session-state |
ldp-connection-state | ldp-remaining-time | ldp-session-id | ldp-retry-time |
ldp-keepalive-time | ldp-session-role | ldp-session-max-pdu | ldp-holdtime |
ldp-neighbor-count | ldp-neighbor-types | ldp-keepalive-interval |
ldp-retry-interval | ldp-local-address | ldp-remote-address |
ldp-graceful-restart-state | ldp-local-reconnect-time | ldp-remote-reconnect-time
| ldp-restart-complete-time | ldp-helper-mode-state | ldp-helper-mode-time |
ldp-local-helper-mode | ldp-remote-helper-mode | ldp-graceful-restart-local |
ldp-graceful-restart-remote | ldp-local-maximum-reconnect |
ldp-local-maximum-recovery | ldp-up-time | ldp-last-down-time | ldp-down-reason
| ldp-session-flap-count | ldp-session-capabilities-advertised |
ldp-session-capabilities-received | ldp-session-protection | ldp-session-nsr-state
| ldp-session-address | ldp-session-deleted | ldp-session-connect-pending |
ldp-session-close-pending | ldp-session-queue-depth | ldp-session-read-pending |
ldp-session-write-pending | ldp-session-receive-buffer-bytes |
ldp-session-transmit-buffer-bytes | ldp-session-no-connection |
ldp-session-authentication | ldp-session-statistics)*>

<!ELEMENT ldp-session-address (interface-address | interface-name |
ldp-session-address-stale)*>

<!ELEMENT ldp-session-address-stale EMPTY>

<!ELEMENT ldp-session-authentication (#PCDATA)>

<!ELEMENT ldp-session-capabilities-advertised (ldp-capability)*>

<!ELEMENT ldp-session-capabilities-received (ldp-capability)*>

<!ELEMENT ldp-session-close-pending EMPTY>

<!ELEMENT ldp-session-connect-pending EMPTY>

<!ELEMENT ldp-session-deleted EMPTY>

<!ELEMENT ldp-session-flap-count (#PCDATA)>

<!ELEMENT ldp-session-id (#PCDATA)>

<!ELEMENT ldp-session-information (ldp-session)*>
<!ATTLIST ldp-session-information junos:style CDATA #IMPLIED>

<!ELEMENT ldp-session-max-pdu (#PCDATA)>

<!ELEMENT ldp-session-no-connection EMPTY>

<!ELEMENT ldp-session-nsr-state (#PCDATA)>

<!ELEMENT ldp-session-protection (ldp-session-protection-state |
ldp-session-protection-remaining-time)*>

<!ELEMENT ldp-session-protection-remaining-time (#PCDATA)>

<!ELEMENT ldp-session-protection-state (#PCDATA)>

<!ELEMENT ldp-session-queue-depth (#PCDATA)>
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<!ELEMENT ldp-session-read-pending EMPTY>

<!ELEMENT ldp-session-receive-buffer-bytes (#PCDATA)>

<!ELEMENT ldp-session-replication (ldp-instance-id | ldp-neighbor-address |
ldp-session-replication-state | ldp-reference-count |
ldp-session-replication-age)*>

<!ELEMENT ldp-session-replication-age (#PCDATA)>

<!ELEMENT ldp-session-replication-information (ldp-session-replication)*>

<!ELEMENT ldp-session-replication-state (#PCDATA)>

<!ELEMENT ldp-session-role (#PCDATA)>

<!ELEMENT ldp-session-state (#PCDATA)>

<!ELEMENT ldp-session-statistics (ldp-message-type | ldp-messages-sent |
ldp-messages-received | ldp-messages-sent-5seconds |
ldp-messages-received-5seconds)*>

<!ELEMENT ldp-session-transmit-buffer-bytes (#PCDATA)>

<!ELEMENT ldp-session-write-pending EMPTY>

<!ELEMENT ldp-standby-path (ldp-reference-count | ldp-label |
ldp-standby-path-prefix)*>

<!ELEMENT ldp-standby-path-information (ldp-standby-path)*>

<!ELEMENT ldp-standby-path-prefix (ldp-prefix | ldp-reference-count)*>

<!ELEMENT ldp-standby-path-reference (ldp-reference-count | ldp-label)*>

<!ELEMENT ldp-standby-route (ldp-prefix | ldp-standby-route-route |
ldp-standby-path-reference)*>

<!ELEMENT ldp-standby-route-information (ldp-standby-route)*>

<!ELEMENT ldp-standby-route-route EMPTY>

<!ELEMENT ldp-statistics (ldp-message-statistics | ldp-event-statistics)*>

<!ELEMENT ldp-statistics-information (ldp-statistics)*>

<!ELEMENT ldp-topology-entry (#PCDATA)>

<!ELEMENT ldp-traffic-branch-nexthop-addr (#PCDATA)>

<!ELEMENT ldp-traffic-error (#PCDATA)>

<!ELEMENT ldp-traffic-multiple-fec (#PCDATA)>

<!ELEMENT ldp-traffic-statistics (ldp-prefix | ldp-traffic-type | ldp-traffic-error
| ldp-traffic-statistics-packet-count | ldp-traffic-statistics-byte-count |
ldp-traffic-multiple-fec)*>

<!ELEMENT ldp-traffic-statistics-byte-count (#PCDATA)>

<!ELEMENT ldp-traffic-statistics-error (ldp-traffic-error)*>
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<!ELEMENT ldp-traffic-statistics-information (ldp-traffic-statistics |
ldp-p2mp-traffic-statistics | ldp-traffic-statistics-error)*>

<!ELEMENT ldp-traffic-statistics-packet-count (#PCDATA)>

<!ELEMENT ldp-traffic-type (#PCDATA)>

<!ELEMENT ldp-transit-filter (#PCDATA)>

<!ELEMENT ldp-transit-filterid (#PCDATA)>

<!ELEMENT ldp-transport-address (#PCDATA)>

<!ELEMENT ldp-up-time (#PCDATA)>
<ATTLIST ldp-up-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ldp-vpls-reference-site (vpls-signaling-protocol-identifier |
local-site-id | remote-site-id | vpls-id | num-local-interfaces |
num-local-interfaces-up | irb-present | mesh-group-count | mesh-group-up-count |
mesh-group-interfaces | interface | connection | mesh-group-connection |
connections-summary)*>

<!ELEMENT learned-from (#PCDATA)>

<!ELEMENT length (#PCDATA)>

<!ELEMENT level (#PCDATA)>

<!ELEMENT level-one-version (#PCDATA)>

<!ELEMENT level-two-version (#PCDATA)>

<!ELEMENT limit-action (#PCDATA)>

<!ELEMENT link-count (#PCDATA)>

<!ELEMENT link-data (#PCDATA)>

<!ELEMENT link-id (#PCDATA)>

<!ELEMENT link-intf-id (#PCDATA)>

<!ELEMENT link-local-te-tlv-type-name (#PCDATA)>

<!ELEMENT link-metric (#PCDATA)>

<!ELEMENT link-type-name (#PCDATA)>

<!ELEMENT link-type-value (#PCDATA)>

<!ELEMENT linklocal-address (#PCDATA)>

<!ELEMENT lm-allocated-bandwidth (#PCDATA)>

<!ELEMENT lm-allocated-lsp-name (#PCDATA)>

<!ELEMENT lm-avail-bandwidth (#PCDATA)>

<!ELEMENT lm-bad-version (#PCDATA)>
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<!ELEMENT lm-control-channel (#PCDATA)>

<!ELEMENT lm-control-channel-info (lm-control-channel | lm-control-channel-state)*>

<!ELEMENT lm-control-channel-state (#PCDATA)>

<!ELEMENT lm-encoding (#PCDATA)>

<!ELEMENT lm-information (lm-peer-root-information | lm-te-link-root-information
| lm-resource-root-information)*>

<!ELEMENT lm-input-statistics (lm-received-packets | lm-received-bad-packets |
lm-received-misordered-packets | lm-small-packets | lm-bad-version | lm-no-peer
| lm-no-cc | lm-wrong-state | lm-stale-ack | lm-stale-nack)*>

<!ELEMENT lm-lmp-control-channel-flags (cc-restarting)*>

<!ELEMENT lm-lmp-control-channel-local-id (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-rcv-seq-num (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-received-message-id (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-remote-id (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-sent-message-id (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-state (#PCDATA)>

<!ELEMENT lm-lmp-control-channel-tx-seq-num (#PCDATA)>

<!ELEMENT lm-local-address (#PCDATA)>

<!ELEMENT lm-local-id (#PCDATA)>

<!ELEMENT lm-local-label (#PCDATA)>

<!ELEMENT lm-max-bandwidth (#PCDATA)>

<!ELEMENT lm-min-bandwidth (#PCDATA)>

<!ELEMENT lm-no-cc (#PCDATA)>

<!ELEMENT lm-no-peer (#PCDATA)>

<!ELEMENT lm-output-statistics (lm-sent-packets | lm-retransmit-packets |
lm-tossed-packets)*>

<!ELEMENT lm-packet-count (#PCDATA)>

<!ELEMENT lm-packet-type (#PCDATA)>

<!ELEMENT lm-peer-control-address (#PCDATA)>

<!ELEMENT lm-peer-control-channels (lm-control-channel-info)*>

<!ELEMENT lm-peer-hello-dead-interval (#PCDATA)>

<!ELEMENT lm-peer-hello-interval (#PCDATA)>

<!ELEMENT lm-peer-information (lm-source | lm-sys-id | lm-peer-name | lm-state |

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  lm-peer-control-address | lm-peer-hello-interval | lm-peer-hello-dead-interval
| lm-peer-received-message-id | lm-peer-sent-message-id | lm-peer-control-channels
| lm-peer-lmp-control-channels | lm-peer-te-links)*>

<!ELEMENT lm-peer-lmp-control-channel-information (lm-lmp-control-channel-local-id
| lm-lmp-control-channel-remote-id | lm-lmp-control-channel-state |
lm-lmp-control-channel-flags | lm-lmp-control-channel-received-message-id |
lm-lmp-control-channel-sent-message-id | lm-lmp-control-channel-rcv-seq-num |
lm-lmp-control-channel-tx-seq-num)*>

<!ELEMENT lm-peer-lmp-control-channels (lm-peer-lmp-control-channel-information)*>

<!ELEMENT lm-peer-name (#PCDATA)>

<!ELEMENT lm-peer-received-message-id (#PCDATA)>

<!ELEMENT lm-peer-root-information (lm-peer-information)*>

<!ELEMENT lm-peer-sent-message-id (#PCDATA)>

<!ELEMENT lm-peer-statistics (lm-peer-name | lm-input-statistics |
lm-output-statistics)*>

<!ELEMENT lm-peer-te-link (#PCDATA)>

<!ELEMENT lm-peer-te-link-information (lm-peer-te-link)*>

<!ELEMENT lm-peer-te-links (lm-peer-te-link-information)*>

<!ELEMENT lm-received-bad-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-received-misordered-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-received-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-remote-address (#PCDATA)>

<!ELEMENT lm-remote-id (#PCDATA)>

<!ELEMENT lm-remote-label (#PCDATA)>

<!ELEMENT lm-resource (lm-resource-name | lm-resource-type | lm-resource-state |
lm-sys-id | lm-resource-max-allocations | lm-resource-bandwidth |
lm-resource-traffic-params)*>

<!ELEMENT lm-resource-allocation-context (lm-allocated-bandwidth |
lm-allocated-lsp-name | lm-local-label | lm-remote-label)*>

<!ELEMENT lm-resource-avail-bandwidth (#PCDATA)>

<!ELEMENT lm-resource-bandwidth (#PCDATA)>

<!ELEMENT lm-resource-flags (#PCDATA)>

<!ELEMENT lm-resource-in-use (#PCDATA)>

<!ELEMENT lm-resource-local-addr (#PCDATA)>

<!ELEMENT lm-resource-local-id (#PCDATA)>

<!ELEMENT lm-resource-lsp-name (#PCDATA)>
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<!ELEMENT lm-resource-max-allocations (#PCDATA)>

<!ELEMENT lm-resource-name (#PCDATA)>

<!ELEMENT lm-resource-num-allocations (#PCDATA)>

<!ELEMENT lm-resource-remote-addr (#PCDATA)>

<!ELEMENT lm-resource-remote-id (#PCDATA)>

<!ELEMENT lm-resource-root-information (lm-source | lm-resource)*>

<!ELEMENT lm-resource-state (#PCDATA)>

<!ELEMENT lm-resource-traffic-params (#PCDATA)>

<!ELEMENT lm-resource-type (#PCDATA)>

<!ELEMENT lm-retransmit-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-sent-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-small-packets (#PCDATA)>

<!ELEMENT lm-source (#PCDATA)>

<!ELEMENT lm-stale-ack (#PCDATA)>

<!ELEMENT lm-stale-nack (#PCDATA)>

<!ELEMENT lm-state (#PCDATA)>

<!ELEMENT lm-statistics-information (lm-peer-statistics)*>

<!ELEMENT lm-switching (#PCDATA)>

<!ELEMENT lm-sys-id (#PCDATA)>

<!ELEMENT lm-te-link-flags (#PCDATA)>

<!ELEMENT lm-te-link-information (lm-te-link-name | lm-local-id | lm-remote-id |
    lm-state | lm-te-link-flags | lm-te-link-local-flags | lm-local-address |
    lm-remote-address | lm-encoding | lm-switching | lm-min-bandwidth |
    lm-max-bandwidth | lm-total-bandwidth | lm-avail-bandwidth |
    lm-te-link-resources)*>

<!ELEMENT lm-te-link-local-flags (lm-te-link-nack-sent-flag)*>

<!ELEMENT lm-te-link-nack-sent-flag EMPTY>

<!ELEMENT lm-te-link-name (#PCDATA)>

<!ELEMENT lm-te-link-resource (lm-resource-name | lm-resource-type | lm-sys-id |
    lm-resource-state | lm-resource-flags | lm-resource-local-id |
    lm-resource-remote-id | lm-resource-local-addr | lm-resource-remote-addr |
    lm-resource-bandwidth | lm-resource-avail-bandwidth | lm-resource-traffic-params
    | lm-resource-max-allocations | lm-resource-num-allocations | lm-resource-in-use
    | lm-resource-lsp-name | lm-resource-allocation-context)*>
<!ATTLIST lm-te-link-resource junos:style CDATA #IMPLIED>

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<!ELEMENT lm-te-link-resources (lm-te-link-resource)*>

<!ELEMENT lm-te-link-root-information (lm-te-link-information)*>

<!ELEMENT lm-tossed-packets (lm-packet-type | lm-packet-count)*>

<!ELEMENT lm-total-bandwidth (#PCDATA)>

<!ELEMENT lm-wrong-state (#PCDATA)>

<!ELEMENT load-balance (#PCDATA)>

<!ELEMENT local-address (#PCDATA)>

<!ELEMENT local-as (#PCDATA)>

<!ELEMENT local-as-private EMPTY>

<!ELEMENT local-asn (asn | as-loops)*>

<!ELEMENT local-id (#PCDATA)>

<!ELEMENT local-ifindex (#PCDATA)>

<!ELEMENT local-interface (interface-name | interface-status |
interface-encapsulation | working-status | profile-name | profile-varset-name |
interface-description)*>

<!ELEMENT local-interface-index (#PCDATA)>

<!ELEMENT local-interface-name (#PCDATA)>

<!ELEMENT local-pe-address (#PCDATA)>

<!ELEMENT local-preference (#PCDATA)>

<!ELEMENT local-priority (#PCDATA)>

<!ELEMENT local-pw-status-code (#PCDATA)>

<!ELEMENT local-rp EMPTY>

<!ELEMENT local-site-id (#PCDATA)>

<!ELEMENT local-source EMPTY>

<!ELEMENT local-system-as (#PCDATA)>

<!ELEMENT log (#PCDATA)>

<!ELEMENT log-element (timestamp | ospf-log-type | elapsed-time)*>

<!ELEMENT log-event (#PCDATA)>

<!ELEMENT log-time-stamp (#PCDATA)>

<!ELEMENT logging-reason (#PCDATA)>

<!ELEMENT loopback-address (#PCDATA)>

<!ELEMENT lp-bypass-name (#PCDATA)>
```

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<!ELEMENT lp-failure (#PCDATA)>
<!ELEMENT lp-granted (#PCDATA)>
<!ELEMENT lp-history (sequence-number | time | log | route)*>
<!ELEMENT lp-requested (#PCDATA)>
<!ELEMENT lp-status (#PCDATA)>
<!ELEMENT lsa-change-count (#PCDATA)>
<!ELEMENT lsa-changed-time (#PCDATA)>
<!ELEMENT lsa-id (#PCDATA)>
<!ELEMENT lsa-length (#PCDATA)>
<!ELEMENT lsa-list (#PCDATA)>
<!ELEMENT lsa-type (#PCDATA)>
<!ELEMENT lsas-acknowledged (#PCDATA)>
<!ELEMENT lsas-acknowledged-5seconds (#PCDATA)>
<!ELEMENT lsas-flooded (#PCDATA)>
<!ELEMENT lsas-flooded-5seconds (#PCDATA)>
<!ELEMENT lsas-high-prio-flooded (#PCDATA)>
<!ELEMENT lsas-high-prio-flooded-5seconds (#PCDATA)>
<!ELEMENT lsas-nbr-transmit (#PCDATA)>
<!ELEMENT lsas-nbr-transmit-5seconds (#PCDATA)>
<!ELEMENT lsas-requested (#PCDATA)>
<!ELEMENT lsas-requested-5seconds (#PCDATA)>
<!ELEMENT lsas-retransmit (#PCDATA)>
<!ELEMENT lsas-retransmit-5seconds (#PCDATA)>
<!ELEMENT lsdb-expiration-time (#PCDATA)>
<!ELEMENT lsdb-timer-type (#PCDATA)>
<!ELEMENT lsp-addr (#PCDATA)>
<!ELEMENT lsp-aggregation (#PCDATA)>
<!ELEMENT lsp-attribute-flags (non-php | oob)*>
<!ELEMENT lsp-attributes (#PCDATA)>
<!ELEMENT lsp-bandwidth (#PCDATA)>
```

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<!ELEMENT lsp-bytes (#PCDATA)>
<!ELEMENT lsp-count (#PCDATA)>
<!ELEMENT lsp-creation-time (#PCDATA)>
<!ELEMENT lsp-description (#PCDATA)>
<!ELEMENT lsp-diffserv-info (#PCDATA)>
<!ELEMENT lsp-diffserv-te-info (#PCDATA)>
<!ELEMENT lsp-flags (#PCDATA)>
<!ELEMENT lsp-hold-priority (#PCDATA)>
<!ELEMENT lsp-hoplimit (#PCDATA)>
<!ELEMENT lsp-id (#PCDATA)>
<!ELEMENT lsp-interval (#PCDATA)>
<!ELEMENT lsp-last-change (#PCDATA)>
<!ATTLIST lsp-last-change junos:seconds CDATA #IMPLIED>
<!ELEMENT lsp-length (#PCDATA)>
<!ELEMENT lsp-name (#PCDATA)>
<!ELEMENT lsp-no-ldp-tunneling EMPTY>
<!ELEMENT lsp-packets (#PCDATA)>
<!ELEMENT lsp-path-count (#PCDATA)>
<!ELEMENT lsp-path-type (#PCDATA)>
<!ELEMENT lsp-pktbytes (#PCDATA)>
<!ELEMENT lsp-queue-drops (#PCDATA)>
<!ELEMENT lsp-queue-length (#PCDATA)>
<!ELEMENT lsp-refcount (#PCDATA)>
<!ELEMENT lsp-retry-timer (#PCDATA)>
<!ELEMENT lsp-setup-priority (#PCDATA)>
<!ELEMENT lsp-soft-preemption-counter (#PCDATA)>
<!ELEMENT lsp-soft-preemption-time (#PCDATA)>
<!ELEMENT lsp-state (#PCDATA)>
<!ELEMENT lsp-status (#PCDATA)>
<!ELEMENT lsp-stub EMPTY>
<!ELEMENT lsp-sub-state (#PCDATA)>
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<!ELEMENT lsp-to-pe-up (#PCDATA)>
<!ELEMENT lsp-type (#PCDATA)>
<!ELEMENT lsp-s-regenerated (#PCDATA)>
<!ELEMENT lsreq-active EMPTY>
<!ELEMENT lsreq-enqueued EMPTY>
<!ELEMENT lsreq-retransmit-time (#PCDATA)>
<!ELEMENT lsw-interface-name (#PCDATA)>
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT mac-limit (#PCDATA)>
<!ELEMENT master-slave (#PCDATA)>
<!ELEMENT max-available-bandwidth (#PCDATA)>
<!ELEMENT max-available-description (#PCDATA)>
<!ELEMENT max-bandwidth (#PCDATA)>
<!ELEMENT max-reserve-bandwidth (#PCDATA)>
<!ELEMENT max-run (#PCDATA)>
<!ELEMENT maximum (#PCDATA)>
<!ELEMENT maximum-area (#PCDATA)>
<!ELEMENT maximum-bandwidth (#PCDATA)>
<!ELEMENT maximum-ecmp (#PCDATA)>
<!ELEMENT maximum-helper-recovery-time (#PCDATA)>
<!ELEMENT maximum-helper-restart-time (#PCDATA)>
<!ELEMENT maximum-lsp-bw0 (#PCDATA)>
<!ELEMENT maximum-lsp-bw1 (#PCDATA)>
<!ELEMENT maximum-lsp-bw2 (#PCDATA)>
<!ELEMENT maximum-lsp-bw3 (#PCDATA)>
<!ELEMENT maximum-lsp-bw4 (#PCDATA)>
<!ELEMENT maximum-lsp-bw5 (#PCDATA)>
<!ELEMENT maximum-lsp-bw6 (#PCDATA)>
<!ELEMENT maximum-lsp-bw7 (#PCDATA)>
<!ELEMENT mc-global-resolves-no-route (#PCDATA)>
<!ELEMENT mc-groups-no-mc-interface (#PCDATA)>
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<!ELEMENT mc-input-kbytes (#PCDATA)>

<!ELEMENT mc-input-packets (#PCDATA)>

<!ELEMENT mc-mismatch-errors (#PCDATA)>

<!ELEMENT mc-mismatches (#PCDATA)>

<!ELEMENT mc-mismatches-no-mc-interface (#PCDATA)>

<!ELEMENT mc-mismatches-no-route (#PCDATA)>

<!ELEMENT mc-notifies-no-mc-interface (#PCDATA)>

<!ELEMENT mc-notifies-no-route (#PCDATA)>

<!ELEMENT mc-output-kbytes (#PCDATA)>

<!ELEMENT mc-output-packets (#PCDATA)>

<!ELEMENT mc-resolve-errors (#PCDATA)>

<!ELEMENT mc-resolves (#PCDATA)>

<!ELEMENT mc-resolves-filtered (#PCDATA)>

<!ELEMENT mc-resolves-no-mc-interface (#PCDATA)>

<!ELEMENT mc-resolves-no-route (#PCDATA)>

<!ELEMENT mc-routing-notifies (#PCDATA)>

<!ELEMENT mc-routing-notifies-filtered (#PCDATA)>

<!ELEMENT mc-stats-interface (interface-name | protocol-name | mc-mismatch-errors
| mc-mismatches | mc-mismatches-no-route | mc-resolves | mc-routing-notifies |
mc-resolves-no-route | mc-resolve-errors | mc-resolves-filtered |
mc-routing-notifies-filtered | mc-input-kbytes | mc-input-packets |
mc-output-kbytes | mc-output-packets)*>

<!ELEMENT mdt-active-tunnel (mdt-customer-source-address |
mdt-customer-group-address | mdt-provider-group-address | mdt-tunnel-interface-name
| mdt-forwarding-rate-kilobits | mdt-forwarding-rate-kilobytes |
mdt-configured-threshold-rate | mdt-tunnel-uptime |
mdt-default-tunnel-information)*>

<!ELEMENT mdt-configured-threshold-rate (#PCDATA)>

<!ELEMENT mdt-customer-group-address (#PCDATA)>

<!ELEMENT mdt-customer-source-address (#PCDATA)>

<!ELEMENT mdt-default-group-address (#PCDATA)>

<!ELEMENT mdt-default-interface-name (#PCDATA)>

<!ELEMENT mdt-default-source-address (#PCDATA)>

<!ELEMENT mdt-default-tunnel-information (#PCDATA)>
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<!ELEMENT mdt-default-tunnel-source (#PCDATA)>

<!ELEMENT mdt-forwarding-rate-kilobits (#PCDATA)>

<!ELEMENT mdt-forwarding-rate-kilobytes (#PCDATA)>

<!ELEMENT mdt-pim-instance (#PCDATA)>

<!ELEMENT mdt-provider-group-address (#PCDATA)>

<!ELEMENT mdt-tunnel-direction (#PCDATA)>

<!ELEMENT mdt-tunnel-interface-name (#PCDATA)>

<!ELEMENT mdt-tunnel-mode (#PCDATA)>

<!ELEMENT mdt-tunnel-uptime (#PCDATA)>
<!ATTLIST mdt-tunnel-uptime junos:seconds CDATA #IMPLIED>

<!ELEMENT med (#PCDATA)>

<!ELEMENT med-action (#PCDATA)>

<!ELEMENT med-plus-igp (#PCDATA)>

<!ELEMENT membership-timeout (#PCDATA)>

<!ELEMENT merit (#PCDATA)>

<!ELEMENT mesh-group (#PCDATA)>

<!ELEMENT mesh-group-connection (mesh-group-name | connection |
connections-summary)*>

<!ELEMENT mesh-group-count (#PCDATA)>

<!ELEMENT mesh-group-id (#PCDATA)>

<!ELEMENT mesh-group-interfaces (mesh-group-name | mesh-group-id | mesh-group-state
| interface)*>

<!ELEMENT mesh-group-name (#PCDATA)>

<!ELEMENT mesh-group-state (#PCDATA)>

<!ELEMENT mesh-group-up-count (#PCDATA)>

<!ELEMENT message (#PCDATA)>

<!ELEMENT message-statistics (rsvp-message | messages-sent | messages-received |
messages-sent-5seconds | messages-received-5seconds)*>

<!ELEMENT messages-received (#PCDATA)>

<!ELEMENT messages-received-5seconds (#PCDATA)>

<!ELEMENT messages-sent (#PCDATA)>

<!ELEMENT messages-sent-5seconds (#PCDATA)>

<!ELEMENT metric (#PCDATA)>

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<!ELEMENT metric-flag (#PCDATA)>

<!ELEMENT metric-one (#PCDATA)>

<!ELEMENT metric-out (#PCDATA)>

<!ELEMENT metric-two (#PCDATA)>

<!ELEMENT metric-type (#PCDATA)>

<!ELEMENT metric2 (#PCDATA)>

<!ELEMENT mgm-amt-configured-parameters (query-interval | query-response-interval
| last-member-query-interval | robustness-count)*>
<ATTLIST mgm-amt-configured-parameters junos:style CDATA #IMPLIED>

<!ELEMENT mgm-amt-derived-parameters (membership-timeout | query-other-timeout)*>
<ATTLIST mgm-amt-derived-parameters junos:style CDATA #IMPLIED>

<!ELEMENT mgm-configured-parameters (query-interval | query-response-interval |
last-member-query-interval | robustness-count)*>
<ATTLIST mgm-configured-parameters junos:style CDATA #IMPLIED>

<!ELEMENT mgm-derived-parameters (membership-timeout | query-other-timeout)*>
<ATTLIST mgm-derived-parameters junos:style CDATA #IMPLIED>

<!ELEMENT mgm-disabled-interface-name (#PCDATA)>

<!ELEMENT mgm-group (multicast-group-address | multicast-source-address |
mgm-source-timeout | last-address | mgm-timeout | mgm-type | mgm-group-mode-type
| host-record | reverse-oif | mgm-group-output-interface |
mgm-output-interface-status)*>
<ATTLIST mgm-group junos:style CDATA #IMPLIED>

<!ELEMENT mgm-group-count (#PCDATA)>

<!ELEMENT mgm-group-input-interface (#PCDATA)>

<!ELEMENT mgm-group-limit (#PCDATA)>

<!ELEMENT mgm-group-mode-type (#PCDATA)>

<!ELEMENT mgm-group-output-interface (#PCDATA)>

<!ELEMENT mgm-group-policy (#PCDATA)>

<!ELEMENT mgm-host (mgm-host-address | mgm-host-record-count)*>
<ATTLIST mgm-host junos:style CDATA #IMPLIED>

<!ELEMENT mgm-host-address (#PCDATA)>

<!ELEMENT mgm-host-record-count (#PCDATA)>

<!ELEMENT mgm-immediate-leave (#PCDATA)>

<!ELEMENT mgm-interface (interface-name | querier-address | mgm-interface-state
| querier-timeout | mgm-interface-version | mgm-group-count | mgm-ssm-map |
mgm-mc-lag-state | mgm-immediate-leave | mgm-promiscuous-mode | mgm-passive |
mgm-passive-allow-receive | mgm-passive-send-general-query |
mgm-passive-send-group-query | mgm-group-limit | mgm-group-policy | mgm-oif-map
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| mgm-host)*>

<!ELEMENT mgm-interface-all EMPTY>

<!ELEMENT mgm-interface-groups (interface-name | mgm-group-count | mgm-group)*>

<!ELEMENT mgm-interface-output-groups (interface-name | mgm-output-interface-status
| mgm-output-group)*>

<!ELEMENT mgm-interface-state (#PCDATA)>

<!ELEMENT mgm-interface-version (#PCDATA)>

<!ELEMENT mgm-mc-lag-state (#PCDATA)>

<!ELEMENT mgm-oif-map (#PCDATA)>

<!ELEMENT mgm-other-statistic (statistic-name | statistic-count)*>
<ATTLIST mgm-other-statistic junos:style CDATA #IMPLIED>

<!ELEMENT mgm-output-group (multicast-group-address | multicast-source-address |
mgm-type | mgm-group-mode-type | mgm-group-input-interface)*>
<ATTLIST mgm-output-group junos:style CDATA #IMPLIED>

<!ELEMENT mgm-output-interface-status (#PCDATA)>

<!ELEMENT mgm-passive (#PCDATA)>

<!ELEMENT mgm-passive-allow-receive EMPTY>

<!ELEMENT mgm-passive-send-general-query EMPTY>

<!ELEMENT mgm-passive-send-group-query EMPTY>

<!ELEMENT mgm-promiscuous-mode (#PCDATA)>

<!ELEMENT mgm-source-timeout (#PCDATA)>

<!ELEMENT mgm-ssm-map (#PCDATA)>

<!ELEMENT mgm-statistic (statistic-name | received-count | sent-count |
error-count)*>
<ATTLIST mgm-statistic junos:style CDATA #IMPLIED>

<!ELEMENT mgm-statistics-all (mgm-statistics-group | mgm-statistics-other |
mgm-statistics-global)*>

<!ELEMENT mgm-statistics-global (mgm-other-statistic)*>

<!ELEMENT mgm-statistics-group (mgm-statistic)*>

<!ELEMENT mgm-statistics-interface (interface-name | mgm-disabled-interface-name
| mgm-interface-all | mgm-statistics-group | mgm-statistics-other |
mgm-statistics-global | mgm-statistic | mgm-other-statistic)*>
<ATTLIST mgm-statistics-interface junos:style CDATA #IMPLIED>

<!ELEMENT mgm-statistics-other (mgm-other-statistic)*>

<!ELEMENT mgm-timeout (#PCDATA)>

<!ELEMENT mgm-type (#PCDATA)>

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<!ELEMENT minimum-bandwidth (#PCDATA)>

<!ELEMENT minimum-lsp-bw (#PCDATA)>

<!ELEMENT mld-group-information (mgm-interface-groups)*>

<!ELEMENT mld-hosts-information (mgm-disabled-interface-name | mgm-interface)*>

<!ELEMENT mld-interface-information (mgm-interface | mgm-configured-parameters |
mgm-derived-parameters)*>

<!ELEMENT mld-output-group-information (mgm-interface-output-groups)*>

<!ELEMENT mld-statistics-information (mgm-statistics-interface |
mgm-statistics-other | mgm-statistics-global | mgm-statistics-all)*>

<!ELEMENT monitor-lsp-bandwidth EMPTY>

<!ELEMENT mpls-admin-group (admin-group-name | index)*>

<!ELEMENT mpls-admin-group-extended (range | admin-group-name |
admin-group-index)*>

<!ELEMENT mpls-admin-group-extended-information (mpls-admin-group-extended)*>

<!ELEMENT mpls-admin-group-information (mpls-admin-group)*>

<!ELEMENT mpls-call-admission-control (mpls-lsp)*>

<!ELEMENT mpls-call-admission-control-information (mpls-call-admission-control)*>

<!ELEMENT mpls-context-identifier (context-identifier | context-type | metric |
context-table | context-lsps | context-lsp-ingress-router | context-lsp-name |
context-lsp-is-detour | context-total-count | primary-context-count |
protector-context-count)*>
<ATTLIST mpls-context-identifier junos:style CDATA #IMPLIED>

<!ELEMENT mpls-context-identifier-information (mpls-context-identifier)*>

<!ELEMENT mpls-cspf (cspf-queue | cspf-paths | cspf-timing)*>
<ATTLIST mpls-cspf heading CDATA #IMPLIED>

<!ELEMENT mpls-cspf-information (mpls-cspf)*>

<!ELEMENT mpls-diffserv-te-information (bandwidth-model | te-class-map)*>

<!ELEMENT mpls-error (mpls-error-msg)*>

<!ELEMENT mpls-error-msg (#PCDATA)>

<!ELEMENT mpls-interface (interface-name | mpls-interface-state | no-group-flag
| admin-group-name | admin-group-number)*>

<!ELEMENT mpls-interface-detail (interface-name | mpls-interface-state |
static-revert-time | always-mark-connection-protection-tlv |
mpls-interface-switch-away-lsps | no-group-flag | admin-group-name |
admin-group-number | admin-group-extended-name | admin-group-extended-number)*>

<!ELEMENT mpls-interface-information (mpls-interface | mpls-interface-detail)*>
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<!ELEMENT mpls-interface-state (#PCDATA)>

<!ELEMENT mpls-interface-switch-away-lsps (#PCDATA)>

<!ELEMENT mpls-label (#PCDATA)>

<!ELEMENT mpls-lsp (destination-address | source-address | lsp-state | route-count
| active-path | is-primary | name | bidirectional | lsp-description | lsp-pktbytes
| lsp-packets | lsp-bytes | no-statistics | mpls-p2mp-name | lsp-type |
is-fastreroute | is-linkprotection | is-nodeprotection | is-inter-domain-path |
load-balance | lsp-diffserv-te-info | metric | revert-timer | revert-timer-remain
| optimize-protection-timer | admin-groups | admin-groups-extended |
lsp-creation-time | lsp-soft-preemption-counter | lsp-soft-preemption-time |
retry-timer | retry-limit | mpls-lsp-autobandwidth | mpls-lsp-path |
mpls-lsp-attributes)*>

<!ELEMENT mpls-lsp-attributes (signal-type | encoding-type | switching-type |
gpil | protection-type)*>

<!ELEMENT mpls-lsp-autobandwidth (monitor-lsp-bandwidth | minimum-bandwidth |
maximum-bandwidth | adjust-timer | bandwidth | time-to-adjust | adjust-threshold
| overflow-limit | overflow-sample-count)*>

<!ELEMENT mpls-lsp-defaults (lsp-setup-priority | lsp-hold-priority |
lsp-retry-timer | lsp-hoplimit | lsp-bandwidth)*>

<!ELEMENT mpls-lsp-defaults-information (mpls-lsp-defaults)*>

<!ELEMENT mpls-lsp-information (rsvp-session-data)*>

<!ELEMENT mpls-lsp-path (path-active | title | name | path-state | cos |
no-decrement-ttl | preference | path-soft-preemption-pending | setup-priority |
hold-priority | bandwidth | actual-bandwidth | per-class-bandwidth-heading |
bandwidth_ct0 | bandwidth_ct1 | bandwidth_ct2 | bandwidth_ct3 | path-adaptive |
path-no-recordroute | hoplimit | optimize-timer | smart-optimize-timer |
admin-groups | admin-groups-extended | retry-timer | retry-limit | cspf-status |
explicit-route | received-rro | oam-state | path-history |
path-available-bandwidth | layer2-connection)*>

<!ELEMENT mpls-lsp-replication (mpls-pvc-name | mpls-pvc-state | mpls-pvc-resolved
| mpls-path-resolved | mpls-pvc-replication | mpls-path-replication)*>
<!ATTLIST mpls-lsp-replication junos:style CDATA #IMPLIED>

<!ELEMENT mpls-lsp-replication-information (mpls-lsp-replication)*>

<!ELEMENT mpls-lsp-type (#PCDATA)>

<!ELEMENT mpls-mirror-oam-address (#PCDATA)>

<!ELEMENT mpls-mirror-oam-local-bfd-disc (#PCDATA)>

<!ELEMENT mpls-mirror-oam-mpls-oam-address (#PCDATA)>

<!ELEMENT mpls-mirror-oam-refcount (#PCDATA)>

<!ELEMENT mpls-mirror-oam-remote-bfd-disc (#PCDATA)>

<!ELEMENT mpls-oam-bfd-dest-addr (#PCDATA)>

<!ELEMENT mpls-oam-instance-id (#PCDATA)>

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<!ELEMENT mpls-oam-ldp-fec (#PCDATA)>

<!ELEMENT mpls-oam-ldp-fec-len (#PCDATA)>

<!ELEMENT mpls-oam-ldp-replication (mpls-oam-instance-id | mpls-oam-type |
mpls-oam-ldp-fec | mpls-oam-ldp-fec-len | mpls-oam-bfd-dest-addr |
mpls-mirror-oam-local-bfd-disc | mpls-oam-ldp-source |
mpls-mirror-oam-remote-bfd-disc | mpls-mirror-oam-refcount |
mpls-mirror-oam-address | mpls-mirror-oam-mpls-oam-address)*>

<!ELEMENT mpls-oam-ldp-replication-information (mpls-oam-ldp-replication)*>

<!ELEMENT mpls-oam-ldp-source (#PCDATA)>

<!ELEMENT mpls-oam-type (#PCDATA)>

<!ELEMENT mpls-p2mp-branch-count (#PCDATA)>

<!ELEMENT mpls-p2mp-lsp (mpls-p2mp-name | mpls-p2mp-branch-count)*>

<!ELEMENT mpls-p2mp-lsp-name (#PCDATA)>

<!ELEMENT mpls-p2mp-name (#PCDATA)>

<!ELEMENT mpls-p2mp-restart-database (mpls-p2mp-restart-lsp)*>

<!ELEMENT mpls-p2mp-restart-database-information (mpls-p2mp-restart-database)*>

<!ELEMENT mpls-p2mp-restart-lsp (name | tunnel-id | lsp-id | lsp-flags |
subgroup-id | application-owner | branch-lsp-count | mpls-restart-lsp)*>

<!ELEMENT mpls-path (name | address | path-type | telink-id)*>

<!ELEMENT mpls-path-active-bw (#PCDATA)>

<!ELEMENT mpls-path-dst-port (#PCDATA)>

<!ELEMENT mpls-path-information (mpls-path)*>

<!ELEMENT mpls-path-inst-metric (#PCDATA)>

<!ELEMENT mpls-path-inst-repl (psb-id | explicit-route | mpls-path-inst-state |
mpls-path-inst-metric | mpls-path-inst-src-port)*>

<!ELEMENT mpls-path-inst-src-port (#PCDATA)>

<!ELEMENT mpls-path-inst-state (#PCDATA)>

<!ELEMENT mpls-path-name (#PCDATA)>

<!ELEMENT mpls-path-pvc-name (#PCDATA)>

<!ELEMENT mpls-path-refcount (#PCDATA)>

<!ELEMENT mpls-path-replication (mpls-path-type | mpls-path-name |
mpls-path-pvc-name | mpls-path-resolved | mpls-path-replication-type |
mpls-path-active-bw | mpls-path-dst-port | mpls-path-refcount |
mpls-path-inst-repl)*>
<!ATTLIST mpls-path-replication junos:style CDATA #IMPLIED>

<!ELEMENT mpls-path-replication-information (mpls-path-replication)*>
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<!ELEMENT mpls-path-replication-type (#PCDATA)>

<!ELEMENT mpls-path-resolved (#PCDATA)>

<!ELEMENT mpls-path-type (#PCDATA)>

<!ELEMENT mpls-pvc-active-path-name (#PCDATA)>

<!ELEMENT mpls-pvc-active-path-type (#PCDATA)>

<!ELEMENT mpls-pvc-autobw-max-avg (#PCDATA)>

<!ELEMENT mpls-pvc-dst-port (#PCDATA)>

<!ELEMENT mpls-pvc-id (#PCDATA)>

<!ELEMENT mpls-pvc-name (#PCDATA)>

<!ELEMENT mpls-pvc-refcount (#PCDATA)>

<!ELEMENT mpls-pvc-replication (mpls-pvc-name | mpls-pvc-id | mpls-pvc-dst-port
| mpls-pvc-active-path-type | mpls-pvc-active-path-name | mpls-pvc-autobw-max-avg
| mpls-pvc-refcount | mpls-pvc-resolved)*>
<ATTLIST mpls-pvc-replication junos:style CDATA #IMPLIED>

<!ELEMENT mpls-pvc-replication-information (mpls-pvc-replication)*>

<!ELEMENT mpls-pvc-resolved (#PCDATA)>

<!ELEMENT mpls-pvc-state (#PCDATA)>

<!ELEMENT mpls-restart-database (mpls-restart-lsp)*>

<!ELEMENT mpls-restart-database-information (mpls-restart-database)*>

<!ELEMENT mpls-restart-lsp (name | destination-address | source-address | lsp-state
| lsp-flags | lsp-path-count | mpls-lsp-attributes | mpls-restart-path)*>

<!ELEMENT mpls-restart-path (lsp-path-type | name | path-standby | path-active |
path-state | lsp-id | tunnel-id | subgroup-id | path-flags | bandwidth |
per-class-bandwidth-heading | bandwidth_ct0 | bandwidth_ct1 | bandwidth_ct2 |
bandwidth_ct3 | explicit-route | mpls-restart-rsvp)*>

<!ELEMENT mpls-restart-rsvp (next-hop | interface-name | telink-name |
upstream-label-in | label-out | self-id | explicit-route)*>

<!ELEMENT mpls-static-ingress-lsp-brief (lsp-name | destination-address |
lsp-state)*>

<!ELEMENT mpls-static-ingress-lsp-descriptions (lsp-name | destination-address |
lsp-description)*>

<!ELEMENT mpls-static-ingress-lsp-statistics (lsp-name | destination-address |
lsp-state | lsp-pktbytes | lsp-packets | lsp-bytes)*>

<!ELEMENT mpls-static-lsp-detail (lsp-name | destination-address | label-in |
lsp-description | lsp-state | lsp-sub-state | next-hop | interface-name |
label-operation | label-out | creation-time | lp-bypass-name | np-bypass-name |
next-next-label | bandwidth_ct0 | spvc-id | self-id | lsp-pktbytes | lsp-packets
| lsp-bytes)*>

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<!ELEMENT mpls-static-lsp-information (mpls-static-lsp-summary |
mpls-static-ingress-lsp-brief | mpls-static-transit-lsp-brief |
mpls-static-ingress-lsp-descriptions | mpls-static-transit-lsp-descriptions |
mpls-static-ingress-lsp-statistics | mpls-static-transit-lsp-statistics |
mpls-static-lsp-detail)*>

<!ELEMENT mpls-static-lsp-summary (session-type | count | display-count | up-count
| down-count)*>

<!ELEMENT mpls-static-restart-database (mpls-static-restart-lsp)*>

<!ELEMENT mpls-static-restart-database-information (mpls-static-restart-database)*>

<!ELEMENT mpls-static-restart-lsp (name | spvc-type | spvc-id | self-id)*>

<!ELEMENT mpls-static-transit-lsp-brief (lsp-name | label-in | lsp-state)*>

<!ELEMENT mpls-static-transit-lsp-descriptions (lsp-name | label-in |
lsp-description)*>

<!ELEMENT mpls-static-transit-lsp-statistics (lsp-name | label-in | lsp-state |
lsp-pktbytes | lsp-packets | lsp-bytes)*>

<!ELEMENT mpls-type-bfd-ip-udp-fd (#PCDATA)>

<!ELEMENT mpls-type-bfd-ip-udp-fd-fss (#PCDATA)>

<!ELEMENT mpls-type-bfd-pw-ach-fd (#PCDATA)>

<!ELEMENT mpls-type-bfd-pw-ach-fd-fss (#PCDATA)>

<!ELEMENT mpls-type-control-word (#PCDATA)>

<!ELEMENT mpls-type-icmp-ping (#PCDATA)>

<!ELEMENT mpls-type-lsp-ping (#PCDATA)>

<!ELEMENT mpls-type-pw-label (#PCDATA)>

<!ELEMENT mpls-type-router-alert (#PCDATA)>

<!ELEMENT msdp-accept EMPTY>

<!ELEMENT msdp-active-source-limit-exceeded (#PCDATA)>

<!ELEMENT msdp-connect-retries (#PCDATA)>

<!ELEMENT msdp-errors-received (#PCDATA)>

<!ELEMENT msdp-filtered EMPTY>

<!ELEMENT msdp-global-active-source-limit-exceeded (#PCDATA)>

<!ELEMENT msdp-group-name (#PCDATA)>

<!ELEMENT msdp-instance (instance-name | msdp-no-routes | msdp-route |
msdp-no-source | msdp-source | msdp-global-active-source-limit-exceeded |
msdp-peer-statistics)*>

<!ELEMENT msdp-keepalives-received (#PCDATA)>
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<!ELEMENT msdp-keepalives-sent (#PCDATA)>

<!ELEMENT msdp-local-address (#PCDATA)>

<!ELEMENT msdp-message-received (#PCDATA)>
<!ATTLIST msdp-message-received junos:seconds CDATA #IMPLIED>

<!ELEMENT msdp-message-received-absolute (#PCDATA)>

<!ELEMENT msdp-no-peer (#PCDATA)>

<!ELEMENT msdp-no-peers EMPTY>

<!ELEMENT msdp-no-routes (#PCDATA)>

<!ELEMENT msdp-no-source (#PCDATA)>

<!ELEMENT msdp-originator (#PCDATA)>

<!ELEMENT msdp-peer (msdp-peer-address | msdp-local-address | msdp-state |
msdp-state-change | msdp-group-name | msdp-connect-retries | msdp-state-timeout
| msdp-peer-timeout | msdp-sa-accepted | msdp-sa-received)*>
<!ATTLIST msdp-peer junos:style CDATA #IMPLIED>

<!ELEMENT msdp-peer-address (#PCDATA)>

<!ELEMENT msdp-peer-information (msdp-no-peers | msdp-peer)*>

<!ELEMENT msdp-peer-statistics (msdp-peer-address | msdp-state-change-absolute |
msdp-state-change | msdp-message-received-absolute | msdp-message-received |
msdp-rpf-failures | msdp-remote-closes | msdp-peer-timeouts | msdp-sa-messages-sent
| msdp-sa-messages-received | msdp-sa-requests-sent | msdp-sa-requests-received
| msdp-sa-responses-sent | msdp-sa-responses-received |
msdp-active-source-limit-exceeded | msdp-keepalives-sent | msdp-keepalives-received
| msdp-unknowns-received | msdp-errors-received)*>

<!ELEMENT msdp-peer-timeout (#PCDATA)>

<!ELEMENT msdp-peer-timeouts (#PCDATA)>

<!ELEMENT msdp-reject EMPTY>

<!ELEMENT msdp-remote-closes (#PCDATA)>

<!ELEMENT msdp-route (multicast-group-address | multicast-source-address |
msdp-route-peer)*>

<!ELEMENT msdp-route-peer (msdp-peer-address | msdp-originator |
msdp-route-peer-flags)*>

<!ELEMENT msdp-route-peer-flags (msdp-accept | msdp-reject | msdp-filtered)*>

<!ELEMENT msdp-rpf-failures (#PCDATA)>

<!ELEMENT msdp-sa-accepted (#PCDATA)>

<!ELEMENT msdp-sa-messages-received (#PCDATA)>

<!ELEMENT msdp-sa-messages-sent (#PCDATA)>

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<!ELEMENT msdp-sa-received (#PCDATA)>

<!ELEMENT msdp-sa-requests-received (#PCDATA)>

<!ELEMENT msdp-sa-requests-sent (#PCDATA)>

<!ELEMENT msdp-sa-responses-received (#PCDATA)>

<!ELEMENT msdp-sa-responses-sent (#PCDATA)>

<!ELEMENT msdp-source (msdp-source-prefix | msdp-source-prefix-length |
msdp-source-type | msdp-source-limit-maximum | msdp-source-limit-threshold |
msdp-source-limit-exceeded)*>

<!ELEMENT msdp-source-active-information (msdp-instance)*>

<!ELEMENT msdp-source-information (msdp-instance)*>

<!ELEMENT msdp-source-limit-exceeded (#PCDATA)>

<!ELEMENT msdp-source-limit-maximum (#PCDATA)>

<!ELEMENT msdp-source-limit-threshold (#PCDATA)>

<!ELEMENT msdp-source-prefix (#PCDATA)>

<!ELEMENT msdp-source-prefix-length (#PCDATA)>

<!ELEMENT msdp-source-type (#PCDATA)>

<!ELEMENT msdp-state (#PCDATA)>

<!ELEMENT msdp-state-change (#PCDATA)>
<ATTLIST msdp-state-change junos:seconds CDATA #IMPLIED>

<!ELEMENT msdp-state-change-absolute (#PCDATA)>

<!ELEMENT msdp-state-timeout (#PCDATA)>

<!ELEMENT msdp-statistics-information (msdp-no-peer | msdp-instance)*>

<!ELEMENT msdp-unknowns-received (#PCDATA)>

<!ELEMENT mstp-root-id (#PCDATA)>

<!ELEMENT mstp-root-snpa (mstp-root-id)*>

<!ELEMENT mt-tlv (mtid)*>

<!ELEMENT mtid (#PCDATA)>

<!ELEMENT mtu (#PCDATA)>

<!ELEMENT mtu-mismatch-error (#PCDATA)>

<!ELEMENT multicast-backup-pe-address (#PCDATA)>

<!ELEMENT multicast-backup-pe-address-information (multicast-backup-pe-address |
multicast-backup-pe-group-list | pe-address-local | lsp-to-pe-up)*>
<ATTLIST multicast-backup-pe-address-information junos:style CDATA #IMPLIED>
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<!ELEMENT multicast-backup-pe-group (multicast-backup-pe-group-name | designated-pe
| transitions | last-transition | local-pe-address | backup-pes)*>
<!ATTLIST multicast-backup-pe-group junos:style CDATA #IMPLIED>

<!ELEMENT multicast-backup-pe-group-list (multicast-backup-pe-group-member)*>

<!ELEMENT multicast-backup-pe-group-member (multicast-backup-pe-group-name)*>

<!ELEMENT multicast-backup-pe-group-name (#PCDATA)>

<!ELEMENT multicast-backup-pe-groups (instance-name | multicast-backup-pe-group)*>

<!ELEMENT multicast-backup-pe-groups-information (multicast-backup-pe-groups)*>

<!ELEMENT multicast-byte-count (#PCDATA)>

<!ELEMENT multicast-byte-count-not-available EMPTY>

<!ELEMENT multicast-bytes (#PCDATA)>

<!ELEMENT multicast-flow-map (flow-map-name | policy-name | cache-timeout |
flow-bandwidth | bandwidth-type | redundant-sources)*>
<!ATTLIST multicast-flow-map junos:style CDATA #IMPLIED>

<!ELEMENT multicast-flow-maps (instance-name | multicast-flow-map)*>

<!ELEMENT multicast-flow-maps-information (multicast-flow-maps)*>

<!ELEMENT multicast-group (multicast-group-address | multicast-source-count |
multicast-packet-count | multicast-packet-count-not-available |
multicast-byte-count | multicast-byte-count-not-available |
multicast-group-source)*>
<!ATTLIST multicast-group junos:style CDATA #IMPLIED>

<!ELEMENT multicast-group-address (#PCDATA)>

<!ELEMENT multicast-group-count (#PCDATA)>

<!ELEMENT multicast-group-prefix (#PCDATA)>

<!ELEMENT multicast-group-source (multicast-source-address |
multicast-source-prefix-length | multicast-packet-count |
multicast-packet-count-not-available | multicast-byte-count |
multicast-byte-count-not-available)*>
<!ATTLIST multicast-group-source junos:style CDATA #IMPLIED>

<!ELEMENT multicast-interface (interface-name | interface-max-bandwidth |
interface-remaining-bandwidth | interface-local-bandwidth-deduction |
interface-mapped-bandwidth-deduction | interface-reverse-oif-mapping |
interface-reverse-oif-mapping-no-qos-adjust | interface-subscriber-leave-timer |
interface-no-qos-adjust)*>

<!ELEMENT multicast-interface-information (multicast-interface)*>

<!ELEMENT multicast-next-hops-information (next-hops-family)*>

<!ELEMENT multicast-packet-count (#PCDATA)>

<!ELEMENT multicast-packet-count-not-available EMPTY>

<!ELEMENT multicast-packets (#PCDATA)>

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<!ELEMENT multicast-pim-to-igmp-proxy (instance-name | proxy-state |
proxy-upstream-interface)*>

<!ELEMENT multicast-pim-to-igmp-proxy-information (multicast-pim-to-igmp-proxy)*>

<!ELEMENT multicast-pim-to-mld-proxy (instance-name | proxy-state |
proxy-upstream-interface)*>

<!ELEMENT multicast-pim-to-mld-proxy-information (multicast-pim-to-mld-proxy)*>

<!ELEMENT multicast-route (multicast-group-address | multicast-source-address |
multicast-route-vlan-id | multicast-route-bridge-domain |
multicast-route-mesh-group | multicast-source-prefix-length |
multicast-route-source | session-name | forwarding-rate-kilobytes |
forwarding-rate-packets | forwarded-packet-count | multicast-statistics-timed-out
| bandwidth-for-admission-control | upstream-interface-name | rpf-check-disabled
| downstream-interface-names | rejected-downstream-interface-names | next-hop-id
| upstream-protocol | multicast-route-forwarding-state | multicast-route-state
| multicast-route-timeout | interface-mismatch-count)*>
<!ATTLIST multicast-route junos:style CDATA #IMPLIED>

<!ELEMENT multicast-route-bridge-domain (#PCDATA)>

<!ELEMENT multicast-route-count (#PCDATA)>

<!ELEMENT multicast-route-forwarding-state (#PCDATA)>

<!ELEMENT multicast-route-information (multicast-route-no-group-prefix |
multicast-route-no-family | route-family)*>

<!ELEMENT multicast-route-mesh-group (#PCDATA)>

<!ELEMENT multicast-route-no-family (#PCDATA)>

<!ELEMENT multicast-route-no-group-prefix (#PCDATA)>

<!ELEMENT multicast-route-source (multicast-source-address)*>

<!ELEMENT multicast-route-state (#PCDATA)>

<!ELEMENT multicast-route-timeout (#PCDATA)>

<!ELEMENT multicast-route-type (#PCDATA)>

<!ELEMENT multicast-route-vlan-id (#PCDATA)>

<!ELEMENT multicast-rpf-information (rpf-family)*>

<!ELEMENT multicast-scope (scope-name | address-prefix | interface-name |
scope-rejects | scope-state)*>

<!ELEMENT multicast-scope-information (multicast-scope-policy |
multicast-scope-policy-interfaces | multicast-scope)*>
<!ATTLIST multicast-scope-information junos:style CDATA #IMPLIED>

<!ELEMENT multicast-scope-policy (#PCDATA)>

<!ELEMENT multicast-scope-policy-interface (interface-name | scope-rejects)*>

<!ELEMENT multicast-scope-policy-interfaces (instance-name | address-family |
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multicast-scope-policy-interface)*>

<!ELEMENT multicast-session (session-announcement | session-name | session-version
| session-origin | upstream-protocol | session-description | session-uri |
session-email | session-phone | session-connection-data | session-bandwidth |
session-start-time | session-stop-time | session-encryption-key | session-attribute
| session-media)*>
<!ATTLIST multicast-session junos:style CDATA #IMPLIED>

<!ELEMENT multicast-session-count (#PCDATA)>

<!ELEMENT multicast-sessions-information (multicast-session |
multicast-session-count | multicast-sessions-type)*>

<!ELEMENT multicast-sessions-type (#PCDATA)>

<!ELEMENT multicast-source (multicast-source-address |
multicast-source-prefix-length | multicast-group-count | multicast-packet-count
| multicast-packet-count-not-available | multicast-byte-count |
multicast-byte-count-not-available | multicast-source-group)*>
<!ATTLIST multicast-source junos:style CDATA #IMPLIED>

<!ELEMENT multicast-source-address (#PCDATA)>

<!ELEMENT multicast-source-count (#PCDATA)>

<!ELEMENT multicast-source-group (multicast-group-address | multicast-packet-count
| multicast-packet-count-not-available | multicast-byte-count |
multicast-byte-count-not-available)*>
<!ATTLIST multicast-source-group junos:style CDATA #IMPLIED>

<!ELEMENT multicast-source-prefix-length (#PCDATA)>

<!ELEMENT multicast-statistics (instance-name | address-family | mc-stats-interface
| mc-resolves-no-mc-interface | mc-global-resolves-no-route |
mc-notifies-no-mc-interface | mc-notifies-no-route | mc-mismatches-no-mc-interface
| mc-groups-no-mc-interface)*>

<!ELEMENT multicast-statistics-information (multicast-statistics)*>

<!ELEMENT multicast-statistics-timed-out EMPTY>

<!ELEMENT multicast-tunnel (interface-name | tunnel-local-address |
tunnel-remote-address | tunnel-ttl)*>

<!ELEMENT multicast-tunnels-information (multicast-tunnel)*>

<!ELEMENT multicast-usage-information (multicast-usage-no-group-prefix |
multicast-usage-strange-family | multicast-usage-timed-out | multicast-group |
multicast-source)*>

<!ELEMENT multicast-usage-no-group-prefix (#PCDATA)>

<!ELEMENT multicast-usage-strange-family (#PCDATA)>

<!ELEMENT multicast-usage-timed-out EMPTY>

<!ELEMENT mvpn-instance (instance-entry | instance-entry-summary)*>
<!ATTLIST mvpn-instance junos:style CDATA #IMPLIED>

<!ELEMENT mvpn-instance-information (mvpn-instance | instance)*>

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<!--ELEMENT name (#PCDATA)-->
<!--ELEMENT nbr-intf-id (#PCDATA)-->
<!--ELEMENT nbr-rtr-id (#PCDATA)-->
<!--ELEMENT needs-rebuild EMPTY-->
<!--ELEMENT neighbor (neighbor-entry)*-->
<!--ELEMENT neighbor-address (#PCDATA)-->
<!--ELEMENT neighbor-adjacency-time (#PCDATA)-->
<!--ELEMENT neighbor-as (#PCDATA)-->
<!--ELEMENT neighbor-assert-metric (#PCDATA)-->
<!--ELEMENT neighbor-assert-preference (#PCDATA)-->
<!--ELEMENT neighbor-assert-timeout (#PCDATA)-->
<!--ELEMENT neighbor-cost (#PCDATA)-->
<!--ELEMENT neighbor-count (#PCDATA)-->
<!--ELEMENT neighbor-display-error (#PCDATA)-->
<!--ELEMENT neighbor-down-count (#PCDATA)-->
<!--ELEMENT neighbor-entry (neighbor-identifier | provider-tunnel-id)*-->
<!--ELEMENT neighbor-flags (#PCDATA)-->
<!--ELEMENT neighbor-id (#PCDATA)-->
<!--ELEMENT neighbor-identifier (#PCDATA)-->
<!--ELEMENT neighbor-idle (#PCDATA)-->
<!--ATTLIST neighbor-idle junos:seconds CDATA #IMPLIED-->
<!--ELEMENT neighbor-interface (#PCDATA)-->
<!--ELEMENT neighbor-join-sg-count (#PCDATA)-->
<!--ELEMENT neighbor-join-tsg-count (#PCDATA)-->
<!--ELEMENT neighbor-local-instance (#PCDATA)-->
<!--ELEMENT neighbor-prefix (#PCDATA)-->
<!--ELEMENT neighbor-priority (#PCDATA)-->
<!--ELEMENT neighbor-remote-instance (#PCDATA)-->
<!--ELEMENT neighbor-replication-sync-status (#PCDATA)-->
<!--ELEMENT neighbor-secondary EMPTY-->
<!--ELEMENT neighbor-state (#PCDATA)-->
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<!ELEMENT neighbor-status (#PCDATA)>

<!ELEMENT neighbor-summary (neighbor-summary-count)*>

<!ELEMENT neighbor-summary-count (#PCDATA)>

<!ELEMENT neighbor-suppress-hello (#PCDATA)>
<!ATTLIST neighbor-suppress-hello junos:seconds CDATA #IMPLIED>

<!ELEMENT neighbor-timeout (#PCDATA)>

<!ELEMENT neighbor-up-count (#PCDATA)>

<!ELEMENT neighbor-up-time (#PCDATA)>

<!ELEMENT netmask-mismatch-error (#PCDATA)>

<!ELEMENT network-element-id (#PCDATA)>

<!ELEMENT network-element-port-snpa (port-id)*>

<!ELEMENT next-hop (#PCDATA)>

<!ELEMENT next-hop-address (interface-address | lsp-name)*>

<!ELEMENT next-hop-downstream-interface (interface-name | interface-index |
interface-nh-index)*>

<!ELEMENT next-hop-element (interface-name | isis-next-hop-type | isis-next-hop
| snpa)*>

<!ELEMENT next-hop-id (#PCDATA)>

<!ELEMENT next-hop-kernel-ref-count (#PCDATA)>

<!ELEMENT next-hop-name (interface-name | interface-link-name)*>

<!ELEMENT next-hop-ref-count (#PCDATA)>

<!ELEMENT next-hop-type (#PCDATA)>

<!ELEMENT next-hops-family (address-family | iflist-next-hop)*>

<!ELEMENT next-next-label (#PCDATA)>

<!ELEMENT ngen-mvpn-mode (#PCDATA)>

<!ELEMENT nh (selected-next-hop | ext-int-type | weight | balance | uflags |
filter | via | nh-local-interface | nh-table-receive | nh-table | to | lsp-name
| mpls-label | label-ttl-action | nh-service | nh-service-pkt-dist |
nh-service-app-data | nh-address | nh-index)*>

<!ELEMENT nh-address (#PCDATA)>

<!ELEMENT nh-flood-overflow EMPTY>

<!ELEMENT nh-index (#PCDATA)>

<!ELEMENT nh-kernel-id (#PCDATA)>

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<!ELEMENT nh-local-interface (#PCDATA)>

<!ELEMENT nh-reference-count (#PCDATA)>

<!ELEMENT nh-service (#PCDATA)>

<!ELEMENT nh-service-app-data (#PCDATA)>

<!ELEMENT nh-service-pkt-dist (#PCDATA)>

<!ELEMENT nh-table (#PCDATA)>

<!ELEMENT nh-table-receive (#PCDATA)>

<!ELEMENT nh-type (#PCDATA)>

<!ELEMENT nlp-id (#PCDATA)>

<!ELEMENT nlri-flags (bgp-nlri-flag-explicit-null-for-all-routes |
bgp-nlri-flag-explicit-null-for-connected-routes | bgp-nlri-flag-aggregate-label
| bgp-nlri-flag-per-prefix-label | bgp-nlri-flag-per-group-label |
bgp-nlri-flag-traffic-stats | bgp-nlri-flag-l2vpn-status-vector |
bgp-nlri-flag-no-l2vpn-status-vector)*>

<!ELEMENT nlri-flow-novalidate (#PCDATA)>

<!ELEMENT nlri-information (nlri-type | nlri-flags | nlri-traffic-stats |
nlri-flow-novalidate)*>

<!ELEMENT nlri-name (#PCDATA)>

<!ELEMENT nlri-traffic-stats (tracing-information | traffic-stats-interval)>

<!ELEMENT nlri-type (#PCDATA)>

<!ELEMENT nlri-type-peer (#PCDATA)>

<!ELEMENT nlri-type-session (#PCDATA)>

<!ELEMENT no-coverage-reason (#PCDATA)>

<!ELEMENT no-decrement-ttl EMPTY>

<!ELEMENT no-eligible-backup EMPTY>

<!ELEMENT no-error EMPTY>

<!ELEMENT no-first-fragment EMPTY>

<!ELEMENT no-group-flag EMPTY>

<!ELEMENT no-interface-error (#PCDATA)>

<!ELEMENT no-keepalive-timeout EMPTY>

<!ELEMENT no-label EMPTY>

<!ELEMENT no-rfc-1583 EMPTY>

<!ELEMENT no-route (#PCDATA)>
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<!ELEMENT no-router-id-error (#PCDATA)>

<!ELEMENT no-statistics EMPTY>

<!ELEMENT node (node-prefix | node-prefix-length | originating-rib | metric |
node-path-count | forwarding-nh-count | indirect-nh-count | composite-nh-count |
protocol-nh)*>

<!ELEMENT node-count (#PCDATA)>

<!ELEMENT node-id (#PCDATA)>

<!ELEMENT node-path-count (#PCDATA)>

<!ELEMENT node-prefix (#PCDATA)>

<!ELEMENT node-prefix-length (#PCDATA)>

<!ELEMENT nodes (#PCDATA)>

<!ELEMENT non-php EMPTY>

<!ELEMENT none EMPTY>

<!ELEMENT not-remote-address EMPTY>

<!ELEMENT note-network-services-mode (#PCDATA)>

<!ELEMENT np-bypass-name (#PCDATA)>

<!ELEMENT nssa-mismatch-error (#PCDATA)>

<!ELEMENT num-local-interfaces (#PCDATA)>

<!ELEMENT num-local-interfaces-up (#PCDATA)>

<!ELEMENT num-mac-count (#PCDATA)>

<!ELEMENT number (#PCDATA)>

<!ELEMENT number-events (#PCDATA)>

<!ELEMENT oam-bfd-session-state (#PCDATA)>

<!ELEMENT oam-lsp-ping-state (#PCDATA)>

<!ELEMENT oam-state (oam-bfd-session-state | oam-lsp-ping-state)*>

<!ELEMENT oif-name (#PCDATA)>

<!ELEMENT oob EMPTY>

<!ELEMENT open-receive-count (#PCDATA)>

<!ELEMENT open-send-count (#PCDATA)>

<!ELEMENT operational-routing-instance-information (instance-name)*>

<!ELEMENT operational-state (#PCDATA)>

<!ELEMENT optimize-protection-timer (#PCDATA)>
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<!ELEMENT optimize-timer (#PCDATA)>

<!ELEMENT optional-capability (#PCDATA)>

<!ELEMENT options (#PCDATA)>

<!ELEMENT originating-rib (#PCDATA)>

<!ELEMENT originator (#PCDATA)>

<!ELEMENT ospf-abr EMPTY>

<!ELEMENT ospf-abr-count (#PCDATA)>

<!ELEMENT ospf-area (#PCDATA)>

<!ELEMENT ospf-area-dc-bit-clear-count (#PCDATA)>

<!ELEMENT ospf-area-header (ospf-area)*>

<!ELEMENT ospf-area-indications-count (#PCDATA)>

<!ELEMENT ospf-area-overview (ospf-area | ospf-stub-type | ospf-stub-cost |
ospf-virtual-transit | authentication-type | ospf-abr-count | ospf-asbr-count |
ospf-nbr-overview | ospf-dna-uncapable | ospf-area-dc-bit-clear-count |
ospf-area-indications-count | ospf-area-self-indicating |
ospf-link-dc-bit-clear-count)*>

<!ELEMENT ospf-area-self-indicating EMPTY>

<!ELEMENT ospf-as-dc-bit-clear-count (#PCDATA)>

<!ELEMENT ospf-asbr EMPTY>

<!ELEMENT ospf-asbr-count (#PCDATA)>

<!ELEMENT ospf-backup-coverage-information (ospf-topology-backup-coverage)*>

<!ELEMENT ospf-backup-metric (#PCDATA)>

<!ELEMENT ospf-backup-mpls (lsp-name | lsp-addr | lsp-status | metric | te-metric
| lsp-last-change)*>

<!ELEMENT ospf-backup-mpls-information (ospf-backup-mpls)*>

<!ELEMENT ospf-backup-neighbor (#PCDATA)>

<!ELEMENT ospf-backup-neighbor-from-metric (#PCDATA)>

<!ELEMENT ospf-backup-neighbor-information (ospf-topology-backup-neighbor)*>

<!ELEMENT ospf-backup-neighbor-is-lsp-endpoint EMPTY>

<!ELEMENT ospf-backup-neighbor-node (ospf-backup-neighbor |
ospf-backup-neighbor-is-lsp-endpoint | ospf-backup-neighbor-from-metric |
ospf-backup-neighbor-to-metric | ospf-backup-next-hop)*>

<!ELEMENT ospf-backup-neighbor-to-metric (#PCDATA)>

<!ELEMENT ospf-backup-next-hop (ospf-backup-next-hop-type |
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ospf-backup-next-hop-interface | ospf-backup-next-hop-address |
ospf-backup-next-hop-lsp)*>

<!ELEMENT ospf-backup-next-hop-address (#PCDATA)>

<!ELEMENT ospf-backup-next-hop-interface (#PCDATA)>

<!ELEMENT ospf-backup-next-hop-lsp (#PCDATA)>

<!ELEMENT ospf-backup-next-hop-type (#PCDATA)>

<!ELEMENT ospf-backup-node-coverage (ospf-area | ospf-covered-nodes |
ospf-total-nodes | ospf-node-coverage)*>

<!ELEMENT ospf-backup-preference (#PCDATA)>

<!ELEMENT ospf-backup-result-no-coverage-reason (#PCDATA)>

<!ELEMENT ospf-backup-result-status (#PCDATA)>

<!ELEMENT ospf-backup-route-coverage (ospf-path-type | ospf-covered-routes |
ospf-total-routes | ospf-route-coverage)*>

<!ELEMENT ospf-backup-spf-downstream-only EMPTY>

<!ELEMENT ospf-backup-spf-information (ospf-topology-backup-spf)*>

<!ELEMENT ospf-backup-spf-node (ospf-node-id | ospf-node-metric |
ospf-parent-node-id | ospf-next-hop | ospf-backup-next-hop |
ospf-backup-spf-result)*>

<!ELEMENT ospf-backup-spf-result (ospf-backup-neighbor | ospf-backup-preference
| ospf-backup-neighbor-is-lsp-endpoint | ospf-backup-metric |
ospf-backup-neighbor-from-metric | ospf-backup-neighbor-to-metric | ospf-track-item
| ospf-backup-result-status | ospf-backup-result-no-coverage-reason)*>

<!ELEMENT ospf-backup-spf-status (#PCDATA)>

<!ELEMENT ospf-configured-overload EMPTY>

<!ELEMENT ospf-configured-overload-remaining-time (#PCDATA)>
<ATTLIST ospf-configured-overload-remaining-time junos:seconds CDATA #IMPLIED>

<!ELEMENT ospf-context-id (ospf-ctx-id | ospf-context-id-area |
ospf-context-id-type | ospf-context-id-metric | ospf-context-id-adv-metric |
ospf-context-id-pe-role | ospf-context-id-status |
ospf-context-id-advertising-router)*>

<!ELEMENT ospf-context-id-adv-metric (#PCDATA)>

<!ELEMENT ospf-context-id-advertising-router (#PCDATA)>

<!ELEMENT ospf-context-id-area (#PCDATA)>

<!ELEMENT ospf-context-id-information (ospf-context-id)*>

<!ELEMENT ospf-context-id-metric (#PCDATA)>

<!ELEMENT ospf-context-id-pe-role (#PCDATA)>

<!ELEMENT ospf-context-id-status (#PCDATA)>

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<!ELEMENT ospf-context-id-type (#PCDATA)>

<!ELEMENT ospf-covered-nodes (#PCDATA)>

<!ELEMENT ospf-covered-routes (#PCDATA)>

<!ELEMENT ospf-ctx-id (#PCDATA)>

<!ELEMENT ospf-database (lsa-type | our-entry | lsa-id | advertising-router |
sequence-number | age | ospf-do-not-age | options | checksum | lsa-length |
ospf-router-lsa | ospf-network-lsa | ospf-opaque-area-lsa |
ospf-opaque-link-local-lsa | ospf-summary-lsa | ospf-external-lsa |
ospf-database-extensive)*>
<!ATTLIST ospf-database external-heading CDATA #IMPLIED>
<!ATTLIST ospf-database heading CDATA #IMPLIED>

<!ELEMENT ospf-database-extensive (generation-timer | aging-timer |
installation-time | expiration-time | send-time | lsa-changed-time |
lsa-change-count | indication-lsa | database-entry-state | database-telink-id |
standby-flood-status)*>

<!ELEMENT ospf-database-information (ospf-area-header | ospf-intf-header |
ospf-database | ospf-database-summary)*>

<!ELEMENT ospf-database-replication (lsa-type | lsa-id | advertising-router |
sequence-number | age | ospf-do-not-age | ospf-synchronization-state |
ospf-route-table-index | ospf-area | ospf-router-id | ospf-ifl-index |
interface-address | installation-time | ospf-unsync-reason)*>

<!ELEMENT ospf-database-replication-information (ospf-database-replication)*>

<!ELEMENT ospf-database-summary (ospf-area | ospf-intf | ospf-lsa-count |
ospf-lsa-type)*>
<!ATTLIST ospf-database-summary external-heading CDATA #IMPLIED>

<!ELEMENT ospf-db-protection-ignore-current (#PCDATA)>

<!ELEMENT ospf-db-protection-ignore-maximum (#PCDATA)>

<!ELEMENT ospf-db-protection-ignore-time (#PCDATA)>

<!ELEMENT ospf-db-protection-lsa-current (#PCDATA)>

<!ELEMENT ospf-db-protection-lsa-maximum (#PCDATA)>

<!ELEMENT ospf-db-protection-lsa-warning (#PCDATA)>

<!ELEMENT ospf-db-protection-overview (ospf-db-protection-state |
ospf-db-protection-remaining-time | ospf-db-protection-warning-only |
ospf-db-protection-warning-threshold | ospf-db-protection-lsa-current |
ospf-db-protection-lsa-warning | ospf-db-protection-lsa-maximum |
ospf-db-protection-ignore-time | ospf-db-protection-reset-time |
ospf-db-protection-ignore-current | ospf-db-protection-ignore-maximum)*>

<!ELEMENT ospf-db-protection-remaining-time (#PCDATA)>

<!ELEMENT ospf-db-protection-reset-time (#PCDATA)>

<!ELEMENT ospf-db-protection-state (#PCDATA)>
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<!ELEMENT ospf-db-protection-warning-only EMPTY>

<!ELEMENT ospf-db-protection-warning-threshold (#PCDATA)>

<!ELEMENT ospf-dna-uncapable EMPTY>

<!ELEMENT ospf-do-not-age EMPTY>

<!ELEMENT ospf-errors (runt-header-error | short-packets-error | bad-version-error
| truncated-packets-error | checksum-error | subnet-mismatch-error |
virtual-link-error | area-mismatch-error | authentication-mismatch-error |
authentication-failure-error | bad-packettype-error | netmask-mismatch-error |
hello-interval-mismatch-error | dead-interval-mismatch-error |
stub-area-mismatch-error | nssa-mismatch-error | default-exclusion-mismatch-error
| mtu-mismatch-error | hello-received-error | no-interface-error |
no-router-id-error | instance-id-mismatch-error | lanp2p-cfgmismatch-error |
no-error)*>

<!ELEMENT ospf-external-lsa (address-mask | ospf-external-lsa-topology)*>

<!ELEMENT ospf-external-lsa-topology (ospf-topology-name | ospf-topology-id |
type-value | ospf-topology-metric | forward-address | tag)*>

<!ELEMENT ospf-full-spf-count (#PCDATA)>

<!ELEMENT ospf-ifl-index (#PCDATA)>

<!ELEMENT ospf-instance-name (#PCDATA)>

<!ELEMENT ospf-instance-neighbor (ospf-instance-name | ospf-neighbor)*>

<!ELEMENT ospf-interface (interface-name | ospf-interface-state | ospf-area |
dr-id | bdr-id | neighbor-count | interface-type | interface-address | address-mask
| mtu | interface-cost | virtual-link-transit-area | virtual-link-destination |
sham-link-local | sham-link-remote | dr-address | bdr-address | router-priority
| adj-count | interface-secondary | interface-flood-reduction | passive |
hello-interval | poll-interval | dead-interval | retransmit-interval |
ospf-stub-type | ipsec-sa | authentication-type | ospf-interface-topology |
active-key-id | active-key-start-time | ospf-interface-protection-type |
ospf-interface-no-eligible-backup | igp-ldp-sync-holdtime | igp-ldp-sync-state |
igp-ldp-sync-last-change | igp-ldp-sync-reason | igp-ldp-sync-timeleft |
interface-flood-list-count | flood-list-count | lsa-list |
interface-description-list)*>

<!ELEMENT ospf-interface-information (ospf-interface)*>

<!ELEMENT ospf-interface-no-eligible-backup EMPTY>

<!ELEMENT ospf-interface-protection-type (#PCDATA)>

<!ELEMENT ospf-interface-replication (interface-name | interface-address |
ospf-area | ospf-synchronization-state | ospf-ifl-index | ospf-router-id |
ospf-route-table-index | ospf-internal-index | ospf-sync-dr-id | ospf-sync-bdr-id
| dr-address | bdr-address | ospf-sync-dr-status | ospf-sync-bdr-status |
ospf-unsync-reason)*>

<!ELEMENT ospf-interface-replication-information (ospf-interface-replication)*>

<!ELEMENT ospf-interface-state (#PCDATA)>

<!ELEMENT ospf-interface-topology (ospf-topology-name | ospf-topology-id |

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ospf-topology-passive | ospf-topology-disabled | ospf-topology-down |
ospf-topology-metric)*>

<!ELEMENT ospf-internal-index (#PCDATA)>

<!ELEMENT ospf-intf (#PCDATA)>

<!ELEMENT ospf-intf-header (ospf-intf | ospf-area)*>

<!ELEMENT ospf-io-statistics (packets-read | average-per-run | max-run |
ospf-errors)*>

<!ELEMENT ospf-io-statistics-information (ospf-io-statistics)*>

<!ELEMENT ospf-link (link-id | link-data | link-type-name | link-type-value |
ospf-topology-count | metric | ospf-router-link-topology)*>

<!ELEMENT ospf-link-dc-bit-clear-count (#PCDATA)>

<!ELEMENT ospf-link-local-grace-lsa (tlv-grace-type-name | tlv-grace-value)*>

<!ELEMENT ospf-link-local-te-lsa (ospf-link-local-te-tlv |
ospf-link-local-te-subtlv)*>

<!ELEMENT ospf-link-local-te-subtlv (link-local-te-tlv-type-name | tlv-type-value
| tlv-length | bytes-left | formatted-tlv-data)*>

<!ELEMENT ospf-link-local-te-tlv (link-local-te-tlv-type-name | tlv-type-value |
tlv-length | bytes-left | formatted-tlv-data)*>

<!ELEMENT ospf-log-events (log-element | number-events)*>

<!ELEMENT ospf-log-information (ospf-topology-log)*>

<!ELEMENT ospf-log-instance (log-element)*>

<!ELEMENT ospf-log-maximum-length (log-element)*>

<!ELEMENT ospf-log-type (#PCDATA)>

<!ELEMENT ospf-lsa-count (#PCDATA)>

<!ELEMENT ospf-lsa-refresh-time (#PCDATA)>

<!ELEMENT ospf-lsa-topology (ospf-topology-name | ospf-topology-id |
ospf-lsa-topology-link)*>

<!ELEMENT ospf-lsa-topology-link (link-type-name | ospf-lsa-topology-link-node-id
| ospf-lsa-topology-link-metric | ospf-lsa-topology-link-state)*>

<!ELEMENT ospf-lsa-topology-link-metric (#PCDATA)>

<!ELEMENT ospf-lsa-topology-link-node-id (#PCDATA)>

<!ELEMENT ospf-lsa-topology-link-state (#PCDATA)>

<!ELEMENT ospf-lsa-type (#PCDATA)>

<!ELEMENT ospf-nbr-overview (ospf-nbr-up-count)*>

<!ELEMENT ospf-nbr-up-count (#PCDATA)>
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<!ELEMENT ospf-neighbor (neighbor-address | interface-name | ospf-neighbor-state
| neighbor-id | neighbor-priority | activity-timer | ospf-area | options |
neighbor-secondary | neighbor-cost | dr-address | bdr-address | neighbor-up-time
| neighbor-adjacency-time | neighbor-suppress-hello | master-slave |
sequence-number | dbd-retransmit-time | lsreq-retransmit-time | lsreq-enqueued |
lsreq-active | lsa-list | ospf-neighbor-topology)*>

<!ELEMENT ospf-neighbor-information (ospf-neighbor)*>

<!ELEMENT ospf-neighbor-information-all (ospf-instance-neighbor)*>

<!ELEMENT ospf-neighbor-replication (interface-name | ospf-area | neighbor-id |
ospf-synchronization-state | ospf-neighbor-state | ospf-ifl-index |
ospf-route-table-index | ospf-unsync-reason)*>

<!ELEMENT ospf-neighbor-replication-information (ospf-neighbor-replication)*>

<!ELEMENT ospf-neighbor-state (#PCDATA)>

<!ELEMENT ospf-neighbor-topology (ospf-topology-name | ospf-topology-id |
ospf-neighbor-topology-state)*>

<!ELEMENT ospf-neighbor-topology-state (#PCDATA)>

<!ELEMENT ospf-network-lsa (address-mask | attached-router | ospf-lsa-topology)*>

<!ELEMENT ospf-next-hop (next-hop-name | next-hop-address)*>

<!ELEMENT ospf-node-coverage (#PCDATA)>

<!ELEMENT ospf-node-id (advertising-router | lsa-id)*>

<!ELEMENT ospf-node-metric (#PCDATA)>

<!ELEMENT ospf-nssa-router EMPTY>

<!ELEMENT ospf-opaque-area-lsa (tlv-block | te-subtlv)*>

<!ELEMENT ospf-opaque-link-local-lsa (ospf-link-local-grace-lsa |
ospf-link-local-te-lsa)*>

<!ELEMENT ospf-overview (instance-name | ospf-router-id | ospf-route-table-index
| ospf-configured-overload | ospf-configured-overload-remaining-time | ospf-abr
| ospf-asbr | ospf-nssa-router | ospf-lsa-refresh-time | ospf-traffic-engineering
| ospf-restart | ospf-restart-enabled | ospf-restart-duration |
ospf-restart-grace-period | ospf-restart-helper-mode | no-rfc-1583 |
ospf-dna-uncapable | ospf-as-dc-bit-clear-count | ospf-area-dc-bit-clear-count |
ospf-area-indications-count | ospf-link-dc-bit-clear-count | tracing-information
| ospf-db-protection-overview | ospf-area-overview | ospf-topology-overview)*>

<!ELEMENT ospf-overview-information (ospf-overview)*>

<!ELEMENT ospf-packet-type (#PCDATA)>

<!ELEMENT ospf-parent-advertising-router (#PCDATA)>

<!ELEMENT ospf-parent-lsa-id (#PCDATA)>

<!ELEMENT ospf-parent-node-id (ospf-parent-advertising-router |
ospf-parent-lsa-id)*>

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<!ELEMENT ospf-path-type (#PCDATA)>

<!ELEMENT ospf-prefix-export-count (#PCDATA)>

<!ELEMENT ospf-prefix-export-limit (#PCDATA)>

<!ELEMENT ospf-restart (#PCDATA)>

<!ELEMENT ospf-restart-duration (#PCDATA)>

<!ELEMENT ospf-restart-enabled (#PCDATA)>

<!ELEMENT ospf-restart-grace-period (#PCDATA)>

<!ELEMENT ospf-restart-helper-mode (#PCDATA)>

<!ELEMENT ospf-route (ospf-route-entry)*>

<!ELEMENT ospf-route-coverage (#PCDATA)>

<!ELEMENT ospf-route-entry (address-prefix | route-path-type | route-type |
next-hop-type | interface-cost | ospf-next-hop | ospf-backup-next-hop | ospf-area
| optional-capability | route-origin | route-priority | type7 | pbit |
forward-nz)*>

<!ELEMENT ospf-route-information (ospf-topology-route-table)*>

<!ELEMENT ospf-route-table-index (#PCDATA)>

<!ELEMENT ospf-router-id (#PCDATA)>

<!ELEMENT ospf-router-link-topology (ospf-topology-name | ospf-topology-id |
ospf-topology-metric)*>

<!ELEMENT ospf-router-lsa (bits | link-count | ospf-link | ospf-lsa-topology)*>

<!ELEMENT ospf-spf-delay (#PCDATA)>
<!ATTLIST ospf-spf-delay junos:seconds CDATA #IMPLIED>

<!ELEMENT ospf-spf-holddown (#PCDATA)>
<!ATTLIST ospf-spf-holddown junos:seconds CDATA #IMPLIED>

<!ELEMENT ospf-spf-rapid-runs (#PCDATA)>

<!ELEMENT ospf-statistics (packet-statistics | dbds-retransmit |
dbds-retransmit-5seconds | lsas-flooded | lsas-flooded-5seconds |
lsas-high-prio-flooded | lsas-high-prio-flooded-5seconds | lsas-retransmit |
lsas-retransmit-5seconds | lsas-nbr-transmit | lsas-nbr-transmit-5seconds |
lsas-requested | lsas-requested-5seconds | lsas-acknowledged |
lsas-acknowledged-5seconds | flood-queue-depth | total-retransmits |
total-database-summaries | total-linkstate-request | ospf-errors)*>

<!ELEMENT ospf-statistics-information (ospf-statistics)*>

<!ELEMENT ospf-stub-cost (#PCDATA)>

<!ELEMENT ospf-stub-type (#PCDATA)>

<!ELEMENT ospf-summary-lsa (address-mask | ospf-summary-lsa-topology)*>
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<!ELEMENT ospf-summary-lsa-topology (ospf-topology-name | ospf-topology-id |
ospf-topology-metric)*>

<!ELEMENT ospf-sync-bdr-id (#PCDATA)>

<!ELEMENT ospf-sync-bdr-status (#PCDATA)>

<!ELEMENT ospf-sync-dr-id (#PCDATA)>

<!ELEMENT ospf-sync-dr-status (#PCDATA)>

<!ELEMENT ospf-synchronization-state (#PCDATA)>

<!ELEMENT ospf-te-shortcuts EMPTY>

<!ELEMENT ospf-topology-area-backup-neighbor (ospf-area |
ospf-backup-neighbor-node)*>

<!ELEMENT ospf-topology-area-backup-spf (ospf-area | ospf-backup-spf-node)*>

<!ELEMENT ospf-topology-backup-coverage (ospf-topology-name |
ospf-backup-node-coverage | ospf-backup-route-coverage)*>

<!ELEMENT ospf-topology-backup-neighbor (ospf-topology-name |
ospf-topology-area-backup-neighbor)*>

<!ELEMENT ospf-topology-backup-spf (ospf-topology-name |
ospf-topology-area-backup-spf)*>

<!ELEMENT ospf-topology-configured-overload EMPTY>

<!ELEMENT ospf-topology-count (#PCDATA)>

<!ELEMENT ospf-topology-disabled EMPTY>

<!ELEMENT ospf-topology-down EMPTY>

<!ELEMENT ospf-topology-dynamic-overload EMPTY>

<!ELEMENT ospf-topology-id (#PCDATA)>

<!ELEMENT ospf-topology-log (ospf-topology-name | ospf-log-instance |
ospf-log-maximum-length | ospf-log-events)*>

<!ELEMENT ospf-topology-metric (#PCDATA)>

<!ELEMENT ospf-topology-name (#PCDATA)>

<!ELEMENT ospf-topology-overview (ospf-topology-name | ospf-topology-id |
ospf-topology-configured-overload | ospf-topology-dynamic-overload |
ospf-prefix-export-count | ospf-prefix-export-limit | ospf-full-spf-count |
ospf-spf-delay | ospf-spf-holddown | ospf-spf-rapid-runs | ospf-backup-spf-status
| ospf-backup-spf-downstream-only | ospf-te-shortcuts)*>

<!ELEMENT ospf-topology-passive EMPTY>

<!ELEMENT ospf-topology-route-table (ospf-topology-name | ospf-route)*>

<!ELEMENT ospf-total-nodes (#PCDATA)>

<!ELEMENT ospf-total-routes (#PCDATA)>

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<!ELEMENT ospf-track-item (#PCDATA)>

<!ELEMENT ospf-traffic-engineering EMPTY>

<!ELEMENT ospf-unsync-reason (#PCDATA)>

<!ELEMENT ospf-virtual-transit EMPTY>

<!ELEMENT ospf3-area-header (ospf-area)*>

<!ELEMENT ospf3-backup-coverage-information (ospf3-topology-backup-coverage)*>

<!ELEMENT ospf3-backup-mpls (lsp-name | lsp-addr | lsp-status | metric | te-metric
| lsp-last-change)*>

<!ELEMENT ospf3-backup-mpls-information (ospf3-backup-mpls)*>

<!ELEMENT ospf3-backup-neighbor-information (ospf3-topology-backup-neighbor)*>

<!ELEMENT ospf3-backup-neighbor-node (ospf-backup-neighbor |
ospf-backup-neighbor-is-lsp-endpoint | ospf-backup-neighbor-from-metric |
ospf-backup-neighbor-to-metric | ospf-backup-next-hop)*>

<!ELEMENT ospf3-backup-node-coverage (ospf-area | ospf-covered-nodes |
ospf-total-nodes | ospf-node-coverage)*>

<!ELEMENT ospf3-backup-route-coverage (ospf-path-type | ospf-covered-routes |
ospf-total-routes | ospf-route-coverage)*>

<!ELEMENT ospf3-backup-spf-information (ospf3-topology-backup-spf)*>

<!ELEMENT ospf3-backup-spf-node (ospf-node-id | lsa-id | ospf-node-metric |
ospf-parent-node-id | ospf-next-hop | ospf-backup-next-hop |
ospf3-backup-spf-result)*>

<!ELEMENT ospf3-backup-spf-result (ospf-backup-neighbor |
ospf-backup-neighbor-is-lsp-endpoint | ospf-backup-metric |
ospf-backup-neighbor-from-metric | ospf-backup-neighbor-to-metric | ospf-track-item
| ospf-backup-result-status | ospf-backup-result-no-coverage-reason)*>

<!ELEMENT ospf3-database (lsa-type | our-entry | lsa-id | advertising-router |
sequence-number | age | ospf-do-not-age | checksum | lsa-length | ospf3-router-lsa
| ospf3-network-lsa | ospf3-inter-area-prefix-lsa | ospf3-inter-area-router-lsa
| ospf3-external-lsa | ospf3-link-lsa | ospf3-intra-area-prefix-lsa |
ospf-database-extensive | ospf-opaque-link-local-lsa)*>
<!ATTLIST ospf3-database external-heading CDATA #IMPLIED>
<!ATTLIST ospf3-database heading CDATA #IMPLIED>

<!ELEMENT ospf3-database-information (ospf3-area-header | ospf3-intf-header |
ospf3-database | ospf3-database-summary)*>

<!ELEMENT ospf3-database-replication-information (ospf-database-replication)*>

<!ELEMENT ospf3-database-summary (ospf-area | ospf-intf | ospf-lsa-count |
ospf-lsa-type)*>
<!ATTLIST ospf3-database-summary external-heading CDATA #IMPLIED>

<!ELEMENT ospf3-external-lsa (ospf3-prefix | ospf3-prefix-options | type-value |
metric | forward-address | tag)*>
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<!ELEMENT ospf3-instance-neighbor (ospf3-instance-name | ospf3-realm-neighbor)*>

<!ELEMENT ospf3-inter-area-prefix-lsa (ospf3-prefix | ospf3-prefix-options |
metric)*>

<!ELEMENT ospf3-inter-area-router-lsa (destination-router-id | ospf3-options |
metric)*>

<!ELEMENT ospf3-interface (interface-name | ospf-interface-state | ospf-area |
dr-id | bdr-id | neighbor-count | interface-address | prefix-length |
ospf3-interface-index | interface-type | mtu | interface-cost |
virtual-link-transit-area | virtual-link-destination | dr-address | bdr-address
| router-priority | adj-count | interface-secondary | interface-flood-reduction
| passive | hello-interval | poll-interval | dead-interval | retransmit-interval
| ospf-stub-type | ipsec-sa | ospf-interface-protection-type |
ospf-interface-no-eligible-backup | igp-ldp-sync-holdtime | igp-ldp-sync-state |
igp-ldp-sync-last-change | igp-ldp-sync-reason | igp-ldp-sync-timeleft |
ospf3-router-lsa-id | interface-flood-list-count | flood-list-count | lsa-list |
interface-description-list)*>

<!ELEMENT ospf3-interface-index (#PCDATA)>

<!ELEMENT ospf3-interface-information (ospf3-interface)*>

<!ELEMENT ospf3-interface-replication-information (ospf-interface-replication)*>

<!ELEMENT ospf3-intf-header (ospf-intf | ospf-area)*>

<!ELEMENT ospf3-intra-area-prefix-lsa (reference-lsa-type | reference-lsa-id |
reference-lsa-router-id | prefix-count | ospf3-prefix | ospf3-prefix-options |
ospf3-prefix-metric)*>

<!ELEMENT ospf3-io-statistics-information (ospf-io-statistics)*>

<!ELEMENT ospf3-link (link-type-name | link-type-value | link-intf-id | nbr-intf-id
| nbr-rtr-id | link-metric)*>

<!ELEMENT ospf3-link-lsa (linklocal-address | ospf3-options | router-priority |
prefix-count | ospf3-prefix | ospf3-prefix-options)*>

<!ELEMENT ospf3-log-information (ospf-log-instance | ospf-log-maximum-length |
ospf-log-events)*>

<!ELEMENT ospf3-lsa-topology (ospf-topology-name | ospf-topology-id |
ospf-lsa-topology-link | ospf3-lsa-topology-link)*>

<!ELEMENT ospf3-lsa-topology-link (link-type-name | ospf-lsa-topology-link-node-id
| ospf-lsa-topology-link-metric | ospf-lsa-topology-link-state)*>

<!ELEMENT ospf3-neighbor (neighbor-id | interface-name | ospf-neighbor-state |
neighbor-priority | activity-timer | neighbor-address | ospf-area | options |
neighbor-secondary | ospf3-interface-index | neighbor-cost | dr-id | bdr-id |
neighbor-up-time | neighbor-adjacency-time | neighbor-suppress-hello | master-slave
| sequence-number | dbd-retransmit-time | lsreq-retransmit-time | lsreq-enqueued
| lsreq-active | lsa-list)*>

<!ELEMENT ospf3-neighbor-information (ospf3-neighbor)*>

<!ELEMENT ospf3-neighbor-information-all (ospf3-instance-neighbor)*>

<!ELEMENT ospf3-neighbor-replication-information (ospf-neighbor-replication)*>

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<!ELEMENT ospf3-network-lsa (ospf3-options | attached-router |
ospf3-lsa-topology)*>

<!ELEMENT ospf3-options (#PCDATA)>

<!ELEMENT ospf3-overview-information (ospf-overview)*>

<!ELEMENT ospf3-prefix (#PCDATA)>

<!ELEMENT ospf3-prefix-metric (#PCDATA)>

<!ELEMENT ospf3-prefix-options (#PCDATA)>

<!ELEMENT ospf3-realm-name (#PCDATA)>

<!ELEMENT ospf3-realm-neighbor (ospf3-realm-name | ospf3-neighbor)*>

<!ELEMENT ospf3-route (ospf3-route-entry)*>

<!ELEMENT ospf3-route-entry (address-prefix | route-path-type | route-type |
next-hop-type | interface-cost | ospf-next-hop | ospf-backup-next-hop | ospf-area
| optional-capability | route-origin | route-priority | type7 | pbit |
forward-nz)*>

<!ELEMENT ospf3-route-information (ospf3-route)*>

<!ELEMENT ospf3-router-lsa (bits | ospf3-options | ospf3-link |
ospf3-lsa-topology)*>

<!ELEMENT ospf3-router-lsa-id (#PCDATA)>

<!ELEMENT ospf3-statistics-information (ospf-statistics)*>

<!ELEMENT ospf3-topology-area-backup-neighbor (ospf-area |
ospf3-backup-neighbor-node)*>

<!ELEMENT ospf3-topology-area-backup-spf (ospf-area | ospf3-backup-spf-node)*>

<!ELEMENT ospf3-topology-backup-coverage (ospf3-backup-node-coverage |
ospf3-backup-route-coverage)*>

<!ELEMENT ospf3-topology-backup-neighbor (ospf-topology-name |
ospf3-topology-area-backup-neighbor)*>

<!ELEMENT ospf3-topology-backup-spf (ospf-topology-name |
ospf3-topology-area-backup-spf)*>

<!ELEMENT our-entry EMPTY>

<!ELEMENT outbound-label (#PCDATA)>

<!ELEMENT outbound-timer (#PCDATA)>

<!ELEMENT output-messages (#PCDATA)>

<!ELEMENT output-octets (#PCDATA)>

<!ELEMENT output-refreshes (#PCDATA)>

<!ELEMENT output-updates (#PCDATA)>
```

```
<!ELEMENT overbooked-bandwidth (bandwidth-priority | total-reserved-bandwidth)*>

<!ELEMENT overbooked-ct-bandwidth (ct-class | ct-bw0 | ct-bw1 | ct-bw2 | ct-bw3
| ct-bw4 | ct-bw5 | ct-bw6 | ct-bw7)*>

<!ELEMENT overflow-limit (#PCDATA)>

<!ELEMENT overflow-sample-count (#PCDATA)>

<!ELEMENT overhead (#PCDATA)>

<!ELEMENT packet-information (previous-hop | next-hop | interface-name | count)*>
<!ATTLIST packet-information heading CDATA #IMPLIED>

<!ELEMENT packet-statistics (ospf-packet-type | packets-sent | packets-received
| packets-sent-5seconds | packets-received-5seconds)*>

<!ELEMENT packet-version (#PCDATA)>

<!ELEMENT packets-dropped (#PCDATA)>

<!ELEMENT packets-processed (#PCDATA)>

<!ELEMENT packets-read (#PCDATA)>

<!ELEMENT packets-received (#PCDATA)>

<!ELEMENT packets-received-5seconds (#PCDATA)>

<!ELEMENT packets-retransmitted (#PCDATA)>

<!ELEMENT packets-sent (#PCDATA)>

<!ELEMENT packets-sent-5seconds (#PCDATA)>

<!ELEMENT passive (#PCDATA)>

<!ELEMENT path-active EMPTY>

<!ELEMENT path-adaptive EMPTY>

<!ELEMENT path-available-bandwidth (bandwidth | class-type | class-bandwidth)*>
<!ATTLIST path-available-bandwidth heading CDATA #IMPLIED>

<!ELEMENT path-count (#PCDATA)>

<!ELEMENT path-flags (#PCDATA)>

<!ELEMENT path-history (sequence-number | time | log | route)*>

<!ELEMENT path-id (#PCDATA)>

<!ELEMENT path-mtu (#PCDATA)>

<!ELEMENT path-mtu-in-kerne1 (#PCDATA)>

<!ELEMENT path-no-recordroute EMPTY>

<!ELEMENT path-references (#PCDATA)>
```

```
<!ELEMENT path-soft-preemption-pending EMPTY>

<!ELEMENT path-standby EMPTY>

<!ELEMENT path-state (#PCDATA)>

<!ELEMENT path-state-address (#PCDATA)>

<!ELEMENT path-state-bypass-id (#PCDATA)>

<!ELEMENT path-state-id (#PCDATA)>

<!ELEMENT path-state-interface-id (#PCDATA)>

<!ELEMENT path-state-nh-avoid-address (#PCDATA)>

<!ELEMENT path-state-nh-ero (#PCDATA)>

<!ELEMENT path-state-nh-msg-id (#PCDATA)>

<!ELEMENT path-state-nh-outgoing-interface (#PCDATA)>

<!ELEMENT path-state-nh-peer-address (#PCDATA)>

<!ELEMENT path-state-nh-te-link-id (#PCDATA)>

<!ELEMENT path-state-nh-type (#PCDATA)>

<!ELEMENT path-state-nh-upstream-tag (#PCDATA)>

<!ELEMENT path-state-resv-msg-id (#PCDATA)>

<!ELEMENT path-state-rr-epoch (#PCDATA)>

<!ELEMENT path-state-self-id (#PCDATA)>

<!ELEMENT path-state-session-id (#PCDATA)>

<!ELEMENT path-state-tag (#PCDATA)>

<!ELEMENT path-type (#PCDATA)>

<!ELEMENT pbit EMPTY>

<!ELEMENT pdu-length (#PCDATA)>

<!ELEMENT pdu-lifetime (#PCDATA)>

<!ELEMENT pdu-version (#PCDATA)>

<!ELEMENT pe-address-local (#PCDATA)>

<!ELEMENT peer-4byte-as-capability-advertised (#PCDATA)>

<!ELEMENT peer-4byte-as-capability-not-supported EMPTY>

<!ELEMENT peer-addpath-not-supported EMPTY>

<!ELEMENT peer-addpath-only-nlri (#PCDATA)>

<!ELEMENT peer-addpath-rs-nlri (#PCDATA)>
```

```
<!ELEMENT peer-addpath-sonly-nlri (#PCDATA)>
<!ELEMENT peer-address (#PCDATA)>
<!ELEMENT peer-as (#PCDATA)>
<!ELEMENT peer-count (#PCDATA)>
<!ELEMENT peer-end-of-rib-received (#PCDATA)>
<!ELEMENT peer-end-of-rib-scheduled (#PCDATA)>
<!ELEMENT peer-end-of-rib-sent (#PCDATA)>
<!ELEMENT peer-flags (#PCDATA)>
<!ELEMENT peer-id (#PCDATA)>
<!ELEMENT peer-index (#PCDATA)>
<!ELEMENT peer-no-refresh EMPTY>
<!ELEMENT peer-no-restart EMPTY>
<!ELEMENT peer-refresh-capability (#PCDATA)>
<!ELEMENT peer-restart-flags-received (#PCDATA)>
<!ELEMENT peer-restart-nlri-can-save-state (#PCDATA)>
<!ELEMENT peer-restart-nlri-configured (#PCDATA)>
<!ELEMENT peer-restart-nlri-negotiated (#PCDATA)>
<!ELEMENT peer-restart-nlri-received (#PCDATA)>
<!ELEMENT peer-restart-nlri-state-saved (#PCDATA)>
<!ELEMENT peer-restart-time-configured (#PCDATA)>
<!ELEMENT peer-restart-time-received (#PCDATA)>
<!ELEMENT peer-stale-route-time-configured (#PCDATA)>
<!ELEMENT peer-state (#PCDATA)>
<!ELEMENT peer-type (#PCDATA)>
<!ELEMENT pending-prefix-count (#PCDATA)>
<!ELEMENT per-class-bandwidth-heading (#PCDATA)>
<!ELEMENT pfe-id (#PCDATA)>
<!ELEMENT pfe-port-snpa (pfe-id | port-id)*>
<!ELEMENT pim-anycast-register-state-origin (#PCDATA)>
<!ELEMENT pim-bootstrap-information (pim-instance | bootstrap-family)*>
```

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<!ELEMENT pim-group-flags (sparse | dense | delete | rptree | wildcard | spt)*>

<!ELEMENT pim-instance (#PCDATA)>

<!ELEMENT pim-interface (pim-interface-name | status | pim-interface-mode |
ip-protocol-version | protocol-version | interface-state | neighbor-count |
interface-join-sg-count | interface-join-tsg-count | designated-router-address |
pim-neighbor)*>

<!ELEMENT pim-interface-mode (#PCDATA)>

<!ELEMENT pim-interface-name (#PCDATA)>

<!ELEMENT pim-interface-state (#PCDATA)>

<!ELEMENT pim-interfaces-information (pim-instance | pim-interface)*>

<!ELEMENT pim-join-information (join-family)*>

<!ELEMENT pim-mdt-information (pim-instance | mdt-default-group-address |
mdt-default-source-address | mdt-default-interface-name | mdt-default-tunnel-source
| mdt-tunnel-direction | mdt-tunnel-mode | mdt-pim-instance |
mdt-default-tunnel-information | mdt-active-tunnel)*>
<!ATTLIST pim-mdt-information junos:style CDATA #IMPLIED>

<!ELEMENT pim-mvpn-address (#PCDATA)>

<!ELEMENT pim-mvpn-information (pim-mvpn-instance-name | pim-mvpn-address |
pim-mvpn-mode | pim-mvpn-tunnel)*>

<!ELEMENT pim-mvpn-instance-name (#PCDATA)>

<!ELEMENT pim-mvpn-mode (#PCDATA)>

<!ELEMENT pim-mvpn-tunnel (#PCDATA)>

<!ELEMENT pim-neighbor (pim-interface-name | ip-protocol-version | protocol-version
| pim-interface-mode | neighbor-join-sg-count | neighbor-join-tsg-count |
pim-neighbor-flags | pim-neighbor-uptime | pim-neighbor-address |
pim-neighbor-secondary-address | hello-holdtime | hello-holdtime-remaining |
hello-default-holdtime | hello-default-holdtime-remaining | hello-dr-priority |
hello-generation-id | hello-lanprune-delay | hello-override-interval |
pim-neighbor-bfd | pim-neighbor-join | pim-neighbor-assert)*>

<!ELEMENT pim-neighbor-address (#PCDATA)>

<!ELEMENT pim-neighbor-assert (multicast-group-address | multicast-source-address
| assert-state | pim-neighbor-address | assert-timeout)*>

<!ELEMENT pim-neighbor-bfd (configuration-state | operational-state)*>

<!ELEMENT pim-neighbor-bidirectional-flag EMPTY>

<!ELEMENT pim-neighbor-flags (pim-neighbor-hold-time-flag |
pim-neighbor-priority-flag | pim-neighbor-lan-prune-flag |
pim-neighbor-generation-id-flag | pim-neighbor-bidirectional-flag |
pim-neighbor-t-bit-flag)*>

<!ELEMENT pim-neighbor-generation-id-flag EMPTY>

<!ELEMENT pim-neighbor-hold-time-flag EMPTY>
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<!ELEMENT pim-neighbor-join (multicast-group-address | multicast-source-address
| join-timeout)*>

<!ELEMENT pim-neighbor-lan-prune-flag EMPTY>

<!ELEMENT pim-neighbor-priority-flag EMPTY>

<!ELEMENT pim-neighbor-secondary-address (#PCDATA)>

<!ELEMENT pim-neighbor-t-bit-flag EMPTY>

<!ELEMENT pim-neighbor-uptime (#PCDATA)>
<!ATTLIST pim-neighbor-uptime junos:seconds CDATA #IMPLIED>

<!ELEMENT pim-neighbors-information (pim-instance | pim-interface)*>
<!ATTLIST pim-neighbors-information junos:style CDATA #IMPLIED>

<!ELEMENT pim-other-statistic (statistic-name | statistic-count)*>

<!ELEMENT pim-pseudo-downstream-interface-name (#PCDATA)>

<!ELEMENT pim-register-state (#PCDATA)>

<!ELEMENT pim-register-timeout (#PCDATA)>

<!ELEMENT pim-rps-information (pim-instance | rp-family |
rendezvous-point-address-info)*>

<!ELEMENT pim-source (multicast-source-address | route-prefix |
upstream-interface-name | upstream-neighbor | upstream-group)*>

<!ELEMENT pim-source-information (source-family)*>

<!ELEMENT pim-statistic (statistic-name | received-count | sent-count |
error-count)*>

<!ELEMENT pim-statistics-all (pim-instance | pim-statistics-global |
pim-statistics-other)*>

<!ELEMENT pim-statistics-global (pim-statistic)*>

<!ELEMENT pim-statistics-information (statistics-family | pim-statistics-all |
everything)*>

<!ELEMENT pim-statistics-interface (pim-interface-name | pim-statistic)*>

<!ELEMENT pim-statistics-other (pim-other-statistic)*>

<!ELEMENT pmsi (#PCDATA)>

<!ELEMENT policy-name (#PCDATA)>

<!ELEMENT poll-interval (#PCDATA)>

<!ELEMENT port-id (#PCDATA)>

<!ELEMENT preemption-count (#PCDATA)>

<!ELEMENT preemption-type (#PCDATA)>

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<!ELEMENT preference (#PCDATA)>

<!ELEMENT preference2 (#PCDATA)>

<!ELEMENT prefix (#PCDATA)>

<!ELEMENT prefix-count (#PCDATA)>

<!ELEMENT prefix-downflag EMPTY>

<!ELEMENT prefix-element (address-prefix | prefix-metric |
external-prefix-metric)*>

<!ELEMENT prefix-err-message EMPTY>

<!ELEMENT prefix-extern EMPTY>

<!ELEMENT prefix-flag (#PCDATA)>

<!ELEMENT prefix-length (#PCDATA)>

<!ELEMENT prefix-limit (nlri-type | prefix-count | limit-action |
warning-percentage)*>

<!ELEMENT prefix-metric (#PCDATA)>

<!ELEMENT prefix-orf (#PCDATA)>

<!ELEMENT prefix-reachability (address-prefix | route-type | metric | flags |
level | isis-fragment | tsi | isis-topology-id | isis-prefix-tag)*>

<!ELEMENT prefix-status (#PCDATA)>

<!ELEMENT previous-hop (#PCDATA)>

<!ELEMENT primary (#PCDATA)>

<!ELEMENT primary-context-count (#PCDATA)>

<!ELEMENT profile-name (#PCDATA)>

<!ELEMENT profile-varset-name (#PCDATA)>

<!ELEMENT protect-flag (#PCDATA)>

<!ELEMENT protected-l2ckt-egress (#PCDATA)>

<!ELEMENT protected-l2ckt-ingress (#PCDATA)>

<!ELEMENT protected-l2ckt-state (#PCDATA)>

<!ELEMENT protected-l2ckt-vcid (#PCDATA)>

<!ELEMENT protection-context (#PCDATA)>

<!ELEMENT protection-type (#PCDATA)>

<!ELEMENT protector-context-count (#PCDATA)>

<!ELEMENT protector-interface (#PCDATA)>
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<!ELEMENT protector-pe (#PCDATA)>

<!ELEMENT protector-pe-status (#PCDATA)>

<!ELEMENT protector-state (#PCDATA)>

<!ELEMENT proto-id (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT protocol-name (#PCDATA)>

<!ELEMENT protocol-nh (to | metric | indirect-nh | composite-nh | vpnlabel-nh |
mpls-label | balance | flags | forwarding-nh-count | nh-type | ext-int-type |
nh)*>

<!ELEMENT protocol-route-count (#PCDATA)>

<!ELEMENT protocol-version (#PCDATA)>

<!ELEMENT protocols (protocol-name | protocol-route-count | active-route-count)*>

<!ELEMENT protocols-tlv (protocol)*>

<!ELEMENT provider-tunnel (provider-tunnel-id)*>

<!ELEMENT provider-tunnel-id (#PCDATA)>

<!ELEMENT proxy-state (#PCDATA)>

<!ELEMENT proxy-upstream-interface (interface-name)*>

<!ELEMENT prune-to-rp EMPTY>

<!ELEMENT prune-to-source EMPTY>

<!ELEMENT pruned-timeout (#PCDATA)>

<!ELEMENT psb-creation-time (#PCDATA)>

<!ELEMENT psb-id (#PCDATA)>

<!ELEMENT psb-lifetime (#PCDATA)>

<!ELEMENT purges-initiated (#PCDATA)>

<!ELEMENT pw-status-code (#PCDATA)>

<!ELEMENT pw-status-tlv (#PCDATA)>

<!ELEMENT querier-address (#PCDATA)>

<!ELEMENT querier-timeout (#PCDATA)>

<!ELEMENT query-interval (#PCDATA)>

<!ELEMENT query-other-timeout (#PCDATA)>

<!ELEMENT query-response-interval (#PCDATA)>

<!ELEMENT queue-count (#PCDATA)>
```

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<!ELEMENT queue-number (#PCDATA)>

<!ELEMENT range (#PCDATA)>

<!ELEMENT reachability-delay EMPTY>

<!ELEMENT reachability-error EMPTY>

<!ELEMENT reachability-expense EMPTY>

<!ELEMENT reachability-tlv (isis-topology-id | address-prefix | metric |
metric-flag | reachability-delay | reachability-expense | reachability-error |
prefix-status | address | neighbor-prefix | tlv-length |
isis-reachability-subtlv)*>
<!ATTLIST reachability-tlv heading CDATA #IMPLIED>

<!ELEMENT receive-buffer-size (#PCDATA)>

<!ELEMENT receive-count (#PCDATA)>

<!ELEMENT receive-lsp-count (#PCDATA)>

<!ELEMENT receive-mode-ripng (#PCDATA)>

<!ELEMENT receive-mode-ripv2 (#PCDATA)>

<!ELEMENT received-count (#PCDATA)>

<!ELEMENT received-prefix-count (#PCDATA)>

<!ELEMENT received-rro (#PCDATA)>

<!ELEMENT receiver (#PCDATA)>

<!ELEMENT record-route (address | telink-id | self | incomplete)*>
<!ATTLIST record-route heading CDATA #IMPLIED>

<!ELEMENT record-timeout (#PCDATA)>

<!ELEMENT record-type (#PCDATA)>

<!ELEMENT recovery-label-in (#PCDATA)>

<!ELEMENT recovery-label-out (#PCDATA)>

<!ELEMENT recovery-time (#PCDATA)>

<!ELEMENT redundant-sources (multicast-source-address)*>

<!ELEMENT reference-count (#PCDATA)>

<!ELEMENT reference-lsa-id (#PCDATA)>

<!ELEMENT reference-lsa-router-id (#PCDATA)>

<!ELEMENT reference-lsa-type (#PCDATA)>

<!ELEMENT reference-site (vpls-signaling-protocol-identifier | local-site-id |
vpls-id | num-local-interfaces | num-local-interfaces-up | irb-present |
mesh-group-count | mesh-group-up-count | remote-site-id | mesh-group-interfaces
```

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| interface | label-block | connection | mesh-group-connection |
automatic-site-name | automatic-site-id-status | automatic-site-claim-id |
automatic-site-collisions | automatic-site-timer-status | automatic-site-timers
| connections-summary)*>

<!ELEMENT references (#PCDATA)>

<!ELEMENT refresh-timer (#PCDATA)>

<!ELEMENT register-interface-name (#PCDATA)>

<!ELEMENT register-rp (#PCDATA)>

<!ELEMENT rejected-downstream-interface-names (#PCDATA)>

<!ELEMENT remaining-lifetime (#PCDATA)>

<!ELEMENT remote-address (#PCDATA)>

<!ELEMENT remote-ifindex (#PCDATA)>

<!ELEMENT remote-interface (interface-name | interface-status |
interface-encapsulation)*>

<!ELEMENT remote-pe (#PCDATA)>

<!ELEMENT remote-pw-status-code (#PCDATA)>

<!ELEMENT remote-site-id (#PCDATA)>

<!ELEMENT rendezvous-point (rendezvous-point-address | rp-flag-static |
rp-flag-autorp | rp-flag-bootstrap | rp-flag-embedded-rp |
rendezvous-point-from-address | rendezvous-point-holdtime |
rendezvous-point-refcount | rendezvous-point-time-active |
rendezvous-point-holdtime-remaining | rp-interface-device-index |
rp-interface-device-subunit | pim-interface-name | rendezvous-point-timeout |
rendezvous-point-active-groups | rendezvous-point-group-prefixes |
rendezvous-point-active-group-prefixes | rendezvous-point-register-state |
rendezvous-point-anycast-pim-rpset | rendezvous-point-anycast-pim-local-address
| rendezvous-point-anycast-register-state)*>
<!--ATTLIST rendezvous-point junos:style CDATA #IMPLIED-->

<!ELEMENT rendezvous-point-active-group-prefix (multicast-group-address)*>

<!ELEMENT rendezvous-point-active-group-prefixes
(rendezvous-point-active-group-prefix | rendezvous-point-active-groups)*>

<!ELEMENT rendezvous-point-active-groups (#PCDATA)>

<!ELEMENT rendezvous-point-address (#PCDATA)>

<!ELEMENT rendezvous-point-address-info (pim-instance | rendezvous-point-trees |
rendezvous-point-address | rendezvous-point-embedded-rp-address |
rendezvous-point-no-address)*>

<!ELEMENT rendezvous-point-addresses (rendezvous-point-address |
rendezvous-point-hash)*>

<!ELEMENT rendezvous-point-anycast-pim-local-address (#PCDATA)>

<!ELEMENT rendezvous-point-anycast-pim-rpset (multicast-group-address)*>

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<!ELEMENT rendezvous-point-anycast-register-state (multicast-group-address |
multicast-source-address | pim-anycast-register-state-origin)*>

<!ELEMENT rendezvous-point-embedded-rp-address EMPTY>

<!ELEMENT rendezvous-point-from-address (#PCDATA)>

<!ELEMENT rendezvous-point-group-prefixes (multicast-group-prefix |
rp-group-timeout | rp-group-state)*>

<!ELEMENT rendezvous-point-hash (#PCDATA)>

<!ELEMENT rendezvous-point-holdtime (#PCDATA)>

<!ELEMENT rendezvous-point-holdtime-remaining (#PCDATA)>

<!ELEMENT rendezvous-point-no-address (#PCDATA)>

<!ELEMENT rendezvous-point-refcount (#PCDATA)>

<!ELEMENT rendezvous-point-register-state (multicast-group-address |
multicast-source-address | first-hop-address | rendezvous-point-address |
pim-register-state | pim-register-timeout)*>

<!ELEMENT rendezvous-point-time-active (#PCDATA)>
<!ATTLIST rendezvous-point-time-active junos:seconds CDATA #IMPLIED>

<!ELEMENT rendezvous-point-timeout (#PCDATA)>

<!ELEMENT rendezvous-point-trees (multicast-group-prefix |
rendezvous-point-addresses)*>

<!ELEMENT replication-block-id (#PCDATA)>

<!ELEMENT replication-block-snpa (replication-block-id)*>

<!ELEMENT replication-entry-in-use (#PCDATA)>

<!ELEMENT replication-neighbor-address (#PCDATA)>

<!ELEMENT replication-neighbor-up-count (#PCDATA)>

<!ELEMENT replication-route-snpa (network-element-id)*>

<!ELEMENT replication-state (#PCDATA)>

<!ELEMENT request-tgt-receive-count (#PCDATA)>

<!ELEMENT request-wild-receive-count (#PCDATA)>

<!ELEMENT reserved-bandwidth (bandwidth-priority | total-reserved-bandwidth)*>

<!ELEMENT reserved-ct-bandwidth (ct-class | ct-bw0 | ct-bw1 | ct-bw2 | ct-bw3 |
ct-bw4 | ct-bw5 | ct-bw6 | ct-bw7)*>

<!ELEMENT restart-state (#PCDATA)>

<!ELEMENT restart-status (#PCDATA)>

<!ELEMENT restart-time (#PCDATA)>
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<!ELEMENT resv-state-interface-id (#PCDATA)>

<!ELEMENT resv-state-self-id (#PCDATA)>

<!ELEMENT resv-state-session-id (#PCDATA)>

<!ELEMENT resv-style (#PCDATA)>

<!ELEMENT retransmit-interval (#PCDATA)>

<!ELEMENT retry-limit (#PCDATA)>

<!ELEMENT retry-timer (#PCDATA)>

<!ELEMENT reuse-preference (#PCDATA)>

<!ELEMENT reuse-time (#PCDATA)>
<ATTLIST reuse-time junos:seconds CDATA #IMPLIED>

<!ELEMENT reverse-oif (oif-name | host-count)*>

<!ELEMENT revert-timer (#PCDATA)>

<!ELEMENT revert-timer-remain (#PCDATA)>

<!ELEMENT rib-bit (#PCDATA)>

<!ELEMENT rip-bad-messages (#PCDATA)>

<!ELEMENT rip-current-memory (#PCDATA)>

<!ELEMENT rip-error (rip-error-message)*>

<!ELEMENT rip-error-message (#PCDATA)>

<!ELEMENT rip-general-statistics (rip-protocol-name | rip-bad-messages |
rip-interface-count | rip-current-memory | rip-maximum-memory)*>

<!ELEMENT rip-general-statistics-information (rip-general-statistics)*>

<!ELEMENT rip-global-statistics (rip-routes-learned | rip-routes-holddown |
rip-requests-dropped | rip-responses-dropped)*>

<!ELEMENT rip-holddown (#PCDATA)>

<!ELEMENT rip-instance-name (#PCDATA)>

<!ELEMENT rip-instance-neighbor (rip-instance-name | rip-neighbor)*>

<!ELEMENT rip-instance-statistics (rip-instance-name | rip-timer-values |
rip-restart-values | rip-global-statistics | rip-neighbor-statistics)*>

<!ELEMENT rip-interface-count (#PCDATA)>

<!ELEMENT rip-local-address-ipv4 (#PCDATA)>

<!ELEMENT rip-local-address-ipv6 (#PCDATA)>

<!ELEMENT rip-maximum-memory (#PCDATA)>
```

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<!ELEMENT rip-message (#PCDATA)>

<!ELEMENT rip-message-last-5minutes (#PCDATA)>

<!ELEMENT rip-message-last-minute (#PCDATA)>

<!ELEMENT rip-message-statistics (rip-message | rip-message-total |
rip-message-last-5minutes | rip-message-last-minute)*>

<!ELEMENT rip-message-total (#PCDATA)>

<!ELEMENT rip-neighbor (rip-neighbor-name | rip-neighbor-state |
rip-neighbor-metric-in | rip-local-address-ipv4 | rip-remote-address-ipv4 |
send-mode-ripv2 | receive-mode-ripv2 | rip-local-address-ipv6 |
rip-remote-address-ipv6 | send-mode-ripng | receive-mode-ripng)*>
<!ATTLIST rip-neighbor junos:style CDATA #IMPLIED>

<!ELEMENT rip-neighbor-advertised-routes (#PCDATA)>

<!ELEMENT rip-neighbor-information (rip-neighbor)*>

<!ELEMENT rip-neighbor-information-all (rip-instance-neighbor)*>

<!ELEMENT rip-neighbor-learnt-routes (#PCDATA)>

<!ELEMENT rip-neighbor-metric-in (#PCDATA)>

<!ELEMENT rip-neighbor-name (#PCDATA)>

<!ELEMENT rip-neighbor-route-timeout (#PCDATA)>

<!ELEMENT rip-neighbor-state (#PCDATA)>

<!ELEMENT rip-neighbor-statistics (rip-neighbor-name | rip-neighbor-learnt-routes
| rip-neighbor-advertised-routes | rip-neighbor-route-timeout |
rip-neighbor-update-interval | rip-message-statistics)*>

<!ELEMENT rip-neighbor-update-interval (#PCDATA)>

<!ELEMENT rip-port (#PCDATA)>

<!ELEMENT rip-protocol-name (#PCDATA)>

<!ELEMENT rip-remote-address-ipv4 (#PCDATA)>

<!ELEMENT rip-remote-address-ipv6 (#PCDATA)>

<!ELEMENT rip-requests-dropped (#PCDATA)>

<!ELEMENT rip-responses-dropped (#PCDATA)>

<!ELEMENT rip-restart-state (#PCDATA)>

<!ELEMENT rip-restart-time (#PCDATA)>

<!ELEMENT rip-restart-timeout (#PCDATA)>

<!ELEMENT rip-restart-values (rip-restart-state | rip-restart-time |
rip-restart-timeout)*>

<!ELEMENT rip-routes-holddown (#PCDATA)>
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<!ELEMENT rip-routes-learned (#PCDATA)>

<!ELEMENT rip-statistics-information (rip-timer-values | rip-restart-values |
rip-global-statistics | rip-neighbor-statistics)*>

<!ELEMENT rip-statistics-information-all (rip-instance-statistics)*>

<!ELEMENT rip-timer-values (rip-protocol-name | rip-port | rip-holddown)*>

<!ELEMENT robustness-count (#PCDATA)>

<!ELEMENT route (#PCDATA)>

<!ELEMENT route-control-word (#PCDATA)>

<!ELEMENT route-count (#PCDATA)>

<!ELEMENT route-distinguisher (#PCDATA)>

<!ELEMENT route-family (bulking-indicator | address-family | multicast-route)*>

<!ELEMENT route-filter (address | flags | extended-information)*>

<!ELEMENT route-flap-count (#PCDATA)>

<!ELEMENT route-flap-damping (merit | last-merit | damping-parameters |
default-damping-parameters | last-update | first-update | route-flap-count |
suppressed | reuse-time | reuse-preference | expire-time)*>

<!ELEMENT route-information (as-number | router-id | maximum-ecmp |
note-network-services-mode | route-table | rt-martians | rt-ribgroup |
rt-test-policy-prefix | rt-test-policy)*>

<!ELEMENT route-label (#PCDATA)>

<!ELEMENT route-origin (#PCDATA)>

<!ELEMENT route-path-type (#PCDATA)>

<!ELEMENT route-prefix (#PCDATA)>

<!ELEMENT route-priority (#PCDATA)>

<!ELEMENT route-queue (timer | state | element)*>

<!ELEMENT route-queue-count (#PCDATA)>

<!ELEMENT route-reflector-client EMPTY>

<!ELEMENT route-resolution-information (route-resolution-tree)*>

<!ELEMENT route-resolution-tree (tree-index | nodes | tree-reference-count |
tree-contributing-ribs | tree-policy | node)*>

<!ELEMENT route-summary-information (as-number | router-id | maximum-ecmp |
note-network-services-mode | route-table)*>

<!ELEMENT route-table (protocols | table-name | destination-count |
total-route-count | active-route-count | holddown-route-count | hidden-route-count
| restart-state | rt)*>

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<!ELEMENT route-type (#PCDATA)>

<!ELEMENT route-version (#PCDATA)>

<!ELEMENT router-id (#PCDATA)>

<!ELEMENT router-id-tlv (router-id)*>

<!ELEMENT router-priority (#PCDATA)>

<!ELEMENT rp-family (address-family | rendezvous-point)*>

<!ELEMENT rp-flag-autorp EMPTY>

<!ELEMENT rp-flag-bootstrap EMPTY>

<!ELEMENT rp-flag-embedded-rp EMPTY>

<!ELEMENT rp-flag-static EMPTY>

<!ELEMENT rp-group-state (#PCDATA)>

<!ELEMENT rp-group-timeout (#PCDATA)>

<!ELEMENT rp-interface-device-index (#PCDATA)>

<!ELEMENT rp-interface-device-subunit (#PCDATA)>

<!ELEMENT rpd-time (#PCDATA)>

<!ELEMENT rpf-check-disabled EMPTY>

<!ELEMENT rpf-family (address-family | rpf-table-name | rpf-table-entry-count |
rpf-route)*>

<!ELEMENT rpf-route (prefix | rpf-route-inactive | rpf-route-protocol |
interface-name | rpf-route-neighbor)*>

<!ELEMENT rpf-route-inactive EMPTY>

<!ELEMENT rpf-route-neighbor (#PCDATA)>

<!ELEMENT rpf-route-protocol (#PCDATA)>

<!ELEMENT rpf-table-entry-count (#PCDATA)>

<!ELEMENT rpf-table-name (#PCDATA)>

<!ELEMENT rptree EMPTY>

<!ELEMENT rsb-count (#PCDATA)>

<!ELEMENT rsvp-bypass-repl (bypass-repl-interface-id | bypass-repl-to-addr |
bypass-repl-avoid-addr | bypass-repl-lp-num | bypass-repl-id |
bypass-repl-resolve-status | bypass-repl-psb-id | bypass-repl-state |
bypass-repl-manual-bypass-name)*>
<!ATTLIST rsvp-bypass-repl junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-bypass-repl-information (rsvp-bypass-repl)*>
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<!ELEMENT rsvp-error (error-message | error-count | error-count-5seconds)*>

<!ELEMENT rsvp-graceful-restart (restart-status | helper-status |
maximum-helper-restart-time | maximum-helper-recovery-time | restart-time |
recovery-time)*>

<!ELEMENT rsvp-interface (interface-name | rsvp-status | active-control-channel
| control-channel-unusable | index | authentication-flag | aggregate-flag |
ack-flag | protect-flag | hello-interval | forward-rsvp | interface-address |
loopback-address | rsvp-telink | message-statistics | bypass-info | cos-info)*>
<!ATTLIST rsvp-interface junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-interface-information (active-count | rsvp-interface)*>

<!ELEMENT rsvp-interface-replication-information (rsvp-replication-te-link)*>

<!ELEMENT rsvp-lp-backup-lsp-cnt (#PCDATA)>

<!ELEMENT rsvp-lp-backup-route-cnt (#PCDATA)>

<!ELEMENT rsvp-lp-psb-cnt (#PCDATA)>

<!ELEMENT rsvp-message (#PCDATA)>

<!ELEMENT rsvp-neighbor (rsvp-neighbor-address | rsvp-neighbor-interface |
rsvp-neighbor-status | rsvp-neighbor-remote | rsvp-neighbor-node | neighbor-idle
| neighbor-up-count | neighbor-down-count | last-changed-time | hello-interval
| hellos-sent | hellos-received | messages-received | rsvp-neighbor-remote-instance
| rsvp-neighbor-local-instance | rsvp-message | rsvp-refresh-reduct-status |
rsvp-refresh-reduct-remote-status | rsvp-refresh-reduct-ack-status |
rsvp-graceful-restart)*>
<!ATTLIST rsvp-neighbor heading CDATA #IMPLIED>
<!ATTLIST rsvp-neighbor junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-neighbor-address (#PCDATA)>

<!ELEMENT rsvp-neighbor-count (#PCDATA)>

<!ELEMENT rsvp-neighbor-information (rsvp-neighbor-count | rsvp-neighbor)*>

<!ELEMENT rsvp-neighbor-interface (#PCDATA)>

<!ELEMENT rsvp-neighbor-local-instance (#PCDATA)>

<!ELEMENT rsvp-neighbor-node EMPTY>

<!ELEMENT rsvp-neighbor-remote EMPTY>

<!ELEMENT rsvp-neighbor-remote-instance (#PCDATA)>

<!ELEMENT rsvp-neighbor-replication-information (rsvp-replication-neighbor)*>

<!ELEMENT rsvp-neighbor-status (#PCDATA)>

<!ELEMENT rsvp-nsr-mode (#PCDATA)>

<!ELEMENT rsvp-nsr-state (#PCDATA)>

<!ELEMENT rsvp-path-state-replication-information (rsvp-replication-path-state)*>

<!ELEMENT rsvp-path-status (#PCDATA)>

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<!ELEMENT rsvp-refresh-reduct-ack-status (#PCDATA)>

<!ELEMENT rsvp-refresh-reduct-remote-status (#PCDATA)>

<!ELEMENT rsvp-refresh-reduct-status (#PCDATA)>

<!ELEMENT rsvp-replication-neighbor (replication-neighbor-address |
neighbor-interface | neighbor-status | replication-neighbor-up-count |
neighbor-flags | neighbor-replication-sync-status | neighbor-remote-instance |
neighbor-local-instance | rsvp-graceful-restart)*>
<!ATTLIST rsvp-replication-neighbor heading CDATA #IMPLIED>
<!ATTLIST rsvp-replication-neighbor junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-replication-path-state (path-state-address | path-state-interface-id
| path-state-session-id | path-state-id | path-state-self-id | path-state-tag |
path-state-rr-epoch | path-state-resv-msg-id | path-state-bypass-id |
path-state-nh-type | path-state-nh-outgoing-interface | path-state-nh-upstream-tag
| path-state-nh-te-link-id | path-state-nh-peer-address |
path-state-nh-avoid-address | path-state-nh-ero | path-state-nh-msg-id)*>
<!ATTLIST rsvp-replication-path-state heading CDATA #IMPLIED>
<!ATTLIST rsvp-replication-path-state junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-replication-resv-state (resv-state-interface-id |
resv-state-session-id | resv-state-self-id)*>
<!ATTLIST rsvp-replication-resv-state heading CDATA #IMPLIED>
<!ATTLIST rsvp-replication-resv-state junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-replication-session (destination-address | source-address | label-in
| path-state-id | session-id | name | replication-state)*>
<!ATTLIST rsvp-replication-session heading CDATA #IMPLIED>
<!ATTLIST rsvp-replication-session junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-replication-te-link (te-link-id | te-link-interface-id |
te-link-reference-count)*>
<!ATTLIST rsvp-replication-te-link heading CDATA #IMPLIED>
<!ATTLIST rsvp-replication-te-link junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-restart-flag (#PCDATA)>

<!ELEMENT rsvp-resv-state-replication-information (rsvp-replication-resv-state)*>

<!ELEMENT rsvp-session (destination-address | is-detour | source-address |
lsp-state | lsp-pktbytes | bypass-name | no-statistics | route-count | rsb-count
| resv-style | label-in | label-out | name | mpls-p2mp-lsp-name | lsp-description
| lsp-path-type | mpls-lsp-type | lsp-aggregation | graceful-deletion-triggered
| source-tna-address | destination-tna-address | bidirectional | upstream-label-in
| upstream-label-out | suggested-label-in | suggested-label-out |
recovery-label-in | recovery-label-out | psb-lifetime | psb-creation-time |
path-mtu | path-mtu-in-kernel | sender-tspec | layer2-tspec | adspec | ct-bw |
lsp-diffserv-info | lsp-id | tunnel-id | proto-id | self-id | session-id |
is-fastreroute | is-linkprotection | is-nodeprotection | is-soft-preemption |
rsvp-path-status | rsvp-lp-backup-route-cnt | rsvp-lp-backup-lsp-cnt |
packet-information | explicit-route | record-route | lsp-attribute-flags |
lp-history | rsvp-telink | detour | detour-branch | mpls-lsp)*>
<!ATTLIST rsvp-session junos:style CDATA #IMPLIED>

<!ELEMENT rsvp-session-data (session-type | count | display-count | up-count |
down-count | detours | rsvp-session | mpls-p2mp-lsp)*>

<!ELEMENT rsvp-session-information (rsvp-session-data)*>

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<!ELEMENT rsvp-session-replication-information (rsvp-replication-session)*>

<!ELEMENT rsvp-statistics-information (message-statistics | rsvp-error)*>

<!ELEMENT rsvp-status (#PCDATA)>

<!ELEMENT rsvp-telink (telink-name | telink-local-id | telink-state |
active-reservation | subscription | ct-subscription | static-bandwidth |
available-bandwidth | max-available-bandwidth | max-available-description |
static-bc-bandwidth | total-reserved-bandwidth | bc | bc-description | ct-class
| ct-bw0 | ct-bw1 | ct-bw2 | ct-bw3 | ct-bw4 | ct-bw5 | ct-bw6 | ct-bw7 |
high-watermark | preemption-count | soft-preemption-count | soft-preemption-pending
| update-threshold | reserved-bandwidth | reserved-ct-bandwidth | detour-bandwidth
| overbooked-bandwidth | overbooked-ct-bandwidth)*>

<!ELEMENT rsvp-version (rsvp-status | rsvp-restart-flag | refresh-timer |
keep-multiplier | preemption-type | soft-preemption-cleanup-timer |
graceful-deletion-timeout | rsvp-nsr-mode | rsvp-nsr-state |
rsvp-graceful-restart)*>

<!ELEMENT rsvp-version-information (rsvp-version)*>

<!ELEMENT rsv-queue-addr (#PCDATA)>

<!ELEMENT rsv-queue-instance (#PCDATA)>

<!ELEMENT rsv-queue-more EMPTY>

<!ELEMENT rt (rt-destination | rt-prefix-length | rt-entry-count |
rt-announced-count | rt-state | rt-entry | tsi | communities)*>
<!ATTLIST rt junos:style CDATA #IMPLIED>

<!ELEMENT rt-announced-count (#PCDATA)>

<!ELEMENT rt-destination (#PCDATA)>

<!ELEMENT rt-entry (active-tag | last-active | current-active | protocol-name |
preference | preference2 | route-distinguisher | pmsi | color | rt-isis-level |
color2 | rt-isis-downbit | age | metric | metric2 | med-plus-igp | rt-tag | rt-tag2
| rt-ospf-area | learned-from | peer-as | local-as | rt-entry-state |
inactive-reason | task-name | announce-bits | announce-tasks | bgp-rt-flag |
label-base | label-range | l2vpn-status-vector | vc-label | mtu | cell-bundle-size
| vlan-id | tdm-payload-size | tdm-bitrate | pw-status-code | connection-bandwidth
| cac-bandwidth-failure | context-id | route-control-word | vpn-label |
route-label | bgp-no-label-reason | rtd-flow-dep | as-path | communities |
helper-nhid | helper-refcount | bgp-metric-flags | local-preference | med | peer-id
| cluster-id | path-id | originator | attrset | bgp-group-name | deleted |
route-flap-damping | aggregate | gateway | indirect-nh-count | composite-nh-count
| nh-type | nh-index | nh-reference-count | nh-kernel-id | ext-int-intf-index |
nh-flood-overflow | nh | protocol-nh | rtrib-primary | rtrib-secondary |
backup-pe-group-name | designated-forwarder)*>

<!ELEMENT rt-entry-count (#PCDATA)>

<!ELEMENT rt-entry-state (#PCDATA)>

<!ELEMENT rt-flags (#PCDATA)>

<!ELEMENT rt-isis-downbit (#PCDATA)>

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<!ELEMENT rt-isis-level (#PCDATA)>

<!ELEMENT rt-martian-table-name (#PCDATA)>

<!ELEMENT rt-martians (rt-martian-table-name | route-filter)*>

<!ELEMENT rt-ospf-area (#PCDATA)>

<!ELEMENT rt-policy-name (#PCDATA)>

<!ELEMENT rt-policy-term-action (#PCDATA)>

<!ELEMENT rt-policy-term-name (#PCDATA)>

<!ELEMENT rt-policy-term-result (#PCDATA)>

<!ELEMENT rt-prefix-length (#PCDATA)>

<!ELEMENT rt-ribgroup (rt-ribgroup-name | rt-ribgroup-address | rt-ribgroup-flags
| rt-ribgroup-address-family | rt-ribgroup-refcount | rt-ribgroup-export-name |
rt-ribgroup-import-name | rt-ribgroup-import-policy-name |
rt-ribgroup-import-secondary-name | rt-ribgroup-union-head-name |
rt-ribgroup-union-child-name)*>

<!ELEMENT rt-ribgroup-address (#PCDATA)>

<!ELEMENT rt-ribgroup-address-family (#PCDATA)>

<!ELEMENT rt-ribgroup-export-name (#PCDATA)>

<!ELEMENT rt-ribgroup-flags (#PCDATA)>

<!ELEMENT rt-ribgroup-import-name (#PCDATA)>

<!ELEMENT rt-ribgroup-import-policy-name (#PCDATA)>

<!ELEMENT rt-ribgroup-import-secondary-name (#PCDATA)>

<!ELEMENT rt-ribgroup-name (#PCDATA)>

<!ELEMENT rt-ribgroup-refcount (#PCDATA)>

<!ELEMENT rt-ribgroup-union-child-name (#PCDATA)>

<!ELEMENT rt-ribgroup-union-head-name (#PCDATA)>

<!ELEMENT rt-route-accepted (#PCDATA)>

<!ELEMENT rt-route-rejected (#PCDATA)>

<!ELEMENT rt-state (#PCDATA)>

<!ELEMENT rt-tag (#PCDATA)>

<!ELEMENT rt-tag2 (#PCDATA)>

<!ELEMENT rt-test-policy (rt-policy-name | rt-route-accepted | rt-route-rejected)*>

<!ELEMENT rt-test-policy-prefix (rt-policy-name | rt-destination | rt-prefix-length
| rt-test-policy-term)*>
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<!ELEMENT rt-test-policy-term (rt-policy-term-name | rt-policy-term-result |
rt-policy-term-action)*>

<!ELEMENT rttarget (#PCDATA)>

<!ELEMENT rttarget-mask (#PCDATA)>

<!ELEMENT rttarget-recv-mask (#PCDATA)>

<!ELEMENT rtd-flow-dep (flow-origin | flow-dep-state | flow-ucast-rt)*>

<!ELEMENT rte-instance (instance-name | rte-instance-type | instance-flags |
instance-options | import-policy | export-policy)*>
<!ATTLIST rte-instance junos:style CDATA #IMPLIED>

<!ELEMENT rte-instance-type (#PCDATA)>

<!ELEMENT rte-table (table-name | table-export-on | import-list | table-flags |
table-usage)*>
<!ATTLIST rte-table junos:style CDATA #IMPLIED>

<!ELEMENT rte-target (target-string | family | subaf | import-count | export-count
| import-list | export-list)*>
<!ATTLIST rte-target junos:style CDATA #IMPLIED>

<!ELEMENT rtexport-table-information (rte-table | rte-target | rte-instance)*>

<!ELEMENT rtflow-dep-information (rtflow-dep-table)*>

<!ELEMENT rtflow-dep-table (table-name | fdep-node)*>

<!ELEMENT rtnode-flags (#PCDATA)>

<!ELEMENT rtnode-next-as (#PCDATA)>

<!ELEMENT rtnode-origin (#PCDATA)>

<!ELEMENT rtnode-refcount (#PCDATA)>

<!ELEMENT rtnode-state (#PCDATA)>

<!ELEMENT rtrib-primary (#PCDATA)>

<!ELEMENT rtrib-secondary (#PCDATA)>

<!ELEMENT runt-header-error (#PCDATA)>

<!ELEMENT sap-listen (sap-listen-group | sap-listen-port)*>

<!ELEMENT sap-listen-group (#PCDATA)>

<!ELEMENT sap-listen-information (sap-listen)*>

<!ELEMENT sap-listen-port (#PCDATA)>

<!ELEMENT scope-name (#PCDATA)>

<!ELEMENT scope-rejects (#PCDATA)>

<!ELEMENT scope-state (#PCDATA)>

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<!ELEMENT segments (#PCDATA)>

<!ELEMENT selected-next-hop EMPTY>

<!ELEMENT self EMPTY>

<!ELEMENT self-id (#PCDATA)>

<!ELEMENT send-buffer-size (#PCDATA)>

<!ELEMENT send-count (#PCDATA)>

<!ELEMENT send-mode-ripng (#PCDATA)>

<!ELEMENT send-mode-ripv2 (#PCDATA)>

<!ELEMENT send-state (#PCDATA)>

<!ELEMENT send-time (#PCDATA)>

<!ELEMENT sender-tspec (#PCDATA)>

<!ELEMENT sent-count (#PCDATA)>

<!ELEMENT sequence-number (#PCDATA)>

<!ELEMENT session-address (#PCDATA)>

<!ELEMENT session-announcement (#PCDATA)>

<!ELEMENT session-attribute (#PCDATA)>

<!ELEMENT session-bandwidth (#PCDATA)>

<!ELEMENT session-connection-data (session-address | session-ttl |
session-layers)*>

<!ELEMENT session-description (#PCDATA)>

<!ELEMENT session-email (#PCDATA)>

<!ELEMENT session-encryption-key (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-layers (#PCDATA)>

<!ELEMENT session-media (#PCDATA)>

<!ELEMENT session-name (#PCDATA)>

<!ELEMENT session-origin (session-originator-username |
session-originator-address)*>

<!ELEMENT session-originator-address (#PCDATA)>

<!ELEMENT session-originator-username (#PCDATA)>

<!ELEMENT session-phone (#PCDATA)>

<!ELEMENT session-start-time (#PCDATA)>
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<!ATTLIST session-start-time junos:seconds CDATA #IMPLIED>

<!ELEMENT session-stop-time (#PCDATA)>
<!ATTLIST session-stop-time junos:seconds CDATA #IMPLIED>

<!ELEMENT session-ttl (#PCDATA)>

<!ELEMENT session-type (#PCDATA)>

<!ELEMENT session-uri (#PCDATA)>

<!ELEMENT session-version (#PCDATA)>

<!ELEMENT setup-priority (#PCDATA)>

<!ELEMENT sham-link-local (#PCDATA)>

<!ELEMENT sham-link-remote (#PCDATA)>

<!ELEMENT short-packets-error (#PCDATA)>

<!ELEMENT signal-type (#PCDATA)>

<!ELEMENT site-id (#PCDATA)>

<!ELEMENT skip-address (#PCDATA)>

<!ELEMENT smart-optimize-timer (#PCDATA)>

<!ELEMENT snp-queue-drops (#PCDATA)>

<!ELEMENT snp-queue-length (#PCDATA)>

<!ELEMENT snpa (snpa-type | pfe-port-snpa | network-element-port-snpa |
mstp-root-snpa | gateway-snpa | layer2-domain-port-snpa | replication-block-snpa
| replication-route-snpa | layer2-multicast-port-snpa)*>

<!ELEMENT snpa-count (#PCDATA)>

<!ELEMENT snpa-length (#PCDATA)>

<!ELEMENT snpa-type (#PCDATA)>

<!ELEMENT soft-preemption-cleanup-timer (#PCDATA)>

<!ELEMENT soft-preemption-count (#PCDATA)>

<!ELEMENT soft-preemption-pending (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>

<!ELEMENT source-family (pim-instance | address-family | pim-source)*>

<!ELEMENT source-tna-address (#PCDATA)>

<!ELEMENT sparse EMPTY>

<!ELEMENT sparse-downstream-interface (pim-interface-name | register-rp |
register-interface-name | pim-interface-state |
pim-pseudo-downstream-interface-name | downstream-neighbor |
downstream-assert-neighbor)*>

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<!ELEMENT spf-runs (#PCDATA)>

<!ELEMENT spf-trigger-count (#PCDATA)>

<!ELEMENT spt EMPTY>

<!ELEMENT spvc-id (#PCDATA)>

<!ELEMENT spvc-type (#PCDATA)>

<!ELEMENT srlg-address (#PCDATA)>

<!ELEMENT srlg-flag (#PCDATA)>

<!ELEMENT srlg-local-ifindex (#PCDATA)>

<!ELEMENT srlg-name (#PCDATA)>

<!ELEMENT srlg-neighbor-prefix (#PCDATA)>

<!ELEMENT srlg-remote-ifindex (#PCDATA)>

<!ELEMENT srlgtlv-size (#PCDATA)>

<!ELEMENT standby-flood-status (#PCDATA)>

<!ELEMENT start-time (#PCDATA)>
<!ATTLIST start-time junos:seconds CDATA #IMPLIED>

<!ELEMENT state (#PCDATA)>

<!ELEMENT static-bandwidth (#PCDATA)>

<!ELEMENT static-bc-bandwidth (#PCDATA)>

<!ELEMENT static-revert-time (#PCDATA)>

<!ELEMENT statistic-count (#PCDATA)>

<!ELEMENT statistic-name (#PCDATA)>

<!ELEMENT statistics-family (pim-instance | address-family |
pim-statistics-interface)*>

<!ELEMENT status (#PCDATA)>

<!ELEMENT stub-area-mismatch-error (#PCDATA)>

<!ELEMENT subaf (#PCDATA)>

<!ELEMENT subgroup-id (#PCDATA)>

<!ELEMENT subnet-mismatch-error (#PCDATA)>

<!ELEMENT subscription (#PCDATA)>

<!ELEMENT subtlv-length (#PCDATA)>

<!ELEMENT subtlv-size (#PCDATA)>
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<!ELEMENT successful (#PCDATA)>

<!ELEMENT suggested-label-in (#PCDATA)>

<!ELEMENT suggested-label-out (#PCDATA)>

<!ELEMENT suppressed EMPTY>

<!ELEMENT suppressed-external-prefix-count (#PCDATA)>

<!ELEMENT suppressed-internal-prefix-count (#PCDATA)>

<!ELEMENT suppressed-prefix-count (#PCDATA)>

<!ELEMENT switching-capability-descriptor (encoding-type | switching-type |
maximum-lsp-bw0 | maximum-lsp-bw1 | maximum-lsp-bw2 | maximum-lsp-bw3 |
maximum-lsp-bw4 | maximum-lsp-bw5 | maximum-lsp-bw6 | maximum-lsp-bw7 |
minimum-lsp-bw | mtu | tdm-indication)*>
<!ATTLIST switching-capability-descriptor heading CDATA #IMPLIED>

<!ELEMENT switching-granularity (#PCDATA)>

<!ELEMENT switching-type (#PCDATA)>

<!ELEMENT sys-error (#PCDATA)>

<!ELEMENT system-id (#PCDATA)>

<!ELEMENT system-id-length (#PCDATA)>

<!ELEMENT system-name (#PCDATA)>

<!ELEMENT table-export-on (#PCDATA)>

<!ELEMENT table-flags (#PCDATA)>

<!ELEMENT table-name (#PCDATA)>

<!ELEMENT table-usage (#PCDATA)>

<!ELEMENT tag (#PCDATA)>

<!ELEMENT target-string (#PCDATA)>

<!ELEMENT task (task-name | task-no-information | task-timer)*>

<!ELEMENT task-block (tb-name | tb-size | tb-alloc-size | tb-terse-transient |
tb-terse-fullpage | tb-terse-debug | tb-alloc-blocks | tb-alloc-bytes |
tb-max-alloc-blocks | tb-max-alloc-bytes)*>

<!ELEMENT task-block-list (task-block)*>

<!ELEMENT task-gres-state (#PCDATA)>

<!ELEMENT task-information (task)*>

<!ELEMENT task-lite-page (t1p-name | t1p-alloc-pages | t1p-alloc-bytes |
t1p-max-alloc-pages | t1p-max-alloc-bytes)*>

<!ELEMENT task-lite-page-list (task-lite-page)*>

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<!ELEMENT task-malloc (tm-name | tm-allocs | tm-alloc-bytes | tm-max-allocs |
tm-max-alloc-bytes | tm-function-calls)*>

<!ELEMENT task-malloc-list (task-malloc)*>

<!ELEMENT task-memory-allocator-report (task-block-list | task-lite-page-list |
task-memory-total-bytes | task-memory-total-max-bytes)*>

<!ELEMENT task-memory-bss-bytes (#PCDATA)>

<!ELEMENT task-memory-dir-bytes (#PCDATA)>

<!ELEMENT task-memory-dynamic-allocs (#PCDATA)>

<!ELEMENT task-memory-free-size (#PCDATA)>

<!ELEMENT task-memory-in-use-avail (#PCDATA)>

<!ELEMENT task-memory-in-use-size (#PCDATA)>

<!ELEMENT task-memory-information (task-memory-in-use-size |
task-memory-in-use-avail | task-memory-max-size | task-memory-max-avail |
task-memory-max-when | task-memory-free-size | task-memory-overall-report |
task-memory-allocator-report | task-memory-malloc-usage-report |
task-memory-dynamic-allocs | task-memory-max-dynamic-allocs | task-memory-bss-bytes
| task-memory-max-bss-bytes | task-memory-page-data-bytes |
task-memory-max-page-data-bytes | task-memory-dir-bytes | task-memory-max-dir-bytes
| task-memory-total-bytes-in-use | task-memory-total-bytes-percent)*>
<!-- ATTENTION: This element is implied by the task-memory-information element -->

<!ELEMENT task-memory-malloc-usage-report (task-malloc-list |
task-memory-total-bytes | task-memory-total-max-bytes)*>

<!ELEMENT task-memory-max-avail (#PCDATA)>

<!ELEMENT task-memory-max-bss-bytes (#PCDATA)>

<!ELEMENT task-memory-max-dir-bytes (#PCDATA)>

<!ELEMENT task-memory-max-dynamic-allocs (#PCDATA)>

<!ELEMENT task-memory-max-page-data-bytes (#PCDATA)>

<!ELEMENT task-memory-max-size (#PCDATA)>

<!ELEMENT task-memory-max-when (#PCDATA)>

<!ELEMENT task-memory-overall-report (task-size-block-list | task-memory-stats-list
| task-memory-total-bytes | task-memory-total-max-bytes |
task-memory-total-free-bytes)*>

<!ELEMENT task-memory-page-data-bytes (#PCDATA)>

<!ELEMENT task-memory-stats (tms-name | tms-allocs | tms-mallocs | tms-alloc-bytes
| tms-max-allocs | tms-max-bytes | tms-free-bytes)*>

<!ELEMENT task-memory-stats-list (task-memory-stats)*>

<!ELEMENT task-memory-total-bytes (#PCDATA)>

<!ELEMENT task-memory-total-bytes-in-use (#PCDATA)>
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<!ELEMENT task-memory-total-bytes-percent (#PCDATA)>

<!ELEMENT task-memory-total-free-bytes (#PCDATA)>

<!ELEMENT task-memory-total-max-bytes (#PCDATA)>

<!ELEMENT task-name (#PCDATA)>

<!ELEMENT task-no-information EMPTY>

<!ELEMENT task-protocol-replication-name (#PCDATA)>

<!ELEMENT task-protocol-replication-state (#PCDATA)>

<!ELEMENT task-re-mode (#PCDATA)>

<!ELEMENT task-replication-state (task-gres-state | task-re-mode |
task-protocol-replication-state | task-protocol-replication-name)*>

<!ELEMENT task-size-block (tsb-size | tsb-terse-transient | tsb-terse-fullpage |
tsb-allocs | tsb-mallocs | tsb-alloc-bytes | tsb-max-allocs | tsb-max-bytes |
tsb-free-bytes)*>

<!ELEMENT task-size-block-list (task-size-block)*>

<!ELEMENT task-timer (timer-name | timer-late | timer-expires | timer-jitter |
timer-interval | timer-flags)*>

<!ELEMENT task-timer-information (task)*>

<!ELEMENT tb-alloc-blocks (#PCDATA)>

<!ELEMENT tb-alloc-bytes (#PCDATA)>

<!ELEMENT tb-alloc-size (#PCDATA)>

<!ELEMENT tb-max-alloc-blocks (#PCDATA)>

<!ELEMENT tb-max-alloc-bytes (#PCDATA)>

<!ELEMENT tb-name (#PCDATA)>

<!ELEMENT tb-size (#PCDATA)>

<!ELEMENT tb-terse-debug EMPTY>

<!ELEMENT tb-terse-fullpage EMPTY>

<!ELEMENT tb-terse-transient EMPTY>

<!ELEMENT tdm-bitrate (#PCDATA)>

<!ELEMENT tdm-indication (#PCDATA)>

<!ELEMENT tdm-payload-size (#PCDATA)>

<!ELEMENT te-class (#PCDATA)>

<!ELEMENT te-class-map (te-class | traffic-class | te-prio)*>

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```

<!ELEMENT te-link-id (#PCDATA)>

<!ELEMENT te-link-interface-id (#PCDATA)>

<!ELEMENT te-link-reference-count (#PCDATA)>

<!ELEMENT te-metric (#PCDATA)>

<!ELEMENT te-prio (#PCDATA)>

<!ELEMENT te-subtlv (tlv-type-name | tlv-type-value | tlv-length | bytes-left |
formatted-tlv-data)*>

<!ELEMENT ted-database (ted-database-id | ted-database-id-overload |
ted-database-type | ted-database-age | ted-database-link-in | ted-database-link-out
| ted-database-protocol | ted-link | ted-database-lcl-addr)*>
<!ATTLIST ted-database junos:style CDATA #IMPLIED>

<!ELEMENT ted-database-age (#PCDATA)>

<!ELEMENT ted-database-id (#PCDATA)>

<!ELEMENT ted-database-id-overload (#PCDATA)>

<!ELEMENT ted-database-inet-count (#PCDATA)>

<!ELEMENT ted-database-information (ted-database-summary | ted-database)*>

<!ELEMENT ted-database-iso-count (#PCDATA)>

<!ELEMENT ted-database-lcl-addr (ted-lcl-addr)*>

<!ELEMENT ted-database-link-in (#PCDATA)>

<!ELEMENT ted-database-link-out (#PCDATA)>

<!ELEMENT ted-database-protocol (#PCDATA)>

<!ELEMENT ted-database-summary (ted-database-iso-count | ted-database-inet-count)*>

<!ELEMENT ted-database-type (#PCDATA)>

<!ELEMENT ted-lcl-addr (#PCDATA)>

<!ELEMENT ted-link (ted-link-from | ted-link-to | ted-link-local-address |
ted-link-remote-address | ted-link-local-ifindex | ted-link-remote-ifindex |
admin-groups | ted-link-extended-admin-group | ted-link-metric | ted-link-link-out
| ted-link-static-bandwidth | ted-link-reservable-bandwidth |
ted-link-forwarding-adjacency | ted-link-local-bw0 | ted-link-local-bw1 |
ted-link-local-bw2 | ted-link-local-bw3 | ted-link-local-bw4 | ted-link-local-bw5
| ted-link-local-bw6 | ted-link-local-bw7 | ted-link-avail-bw0 |
ted-link-avail-bw1 | ted-link-avail-bw2 | ted-link-avail-bw3 | ted-link-avail-bw4
| ted-link-avail-bw5 | ted-link-avail-bw6 | ted-link-avail-bw7 | ted-link-model
| ted-link-ct-bw0 | ted-link-ct-bw1 | ted-link-ct-bw2 | ted-link-ct-bw3 |
ted-link-ct-bw4 | ted-link-ct-bw5 | ted-link-ct-bw6 | ted-link-ct-bw7 |
switching-capability-descriptor | ted-link-srlg |
ted-link-unreserved-bw-tlv-meaning | ted-link-dste-tlv-meaning)*>
<!ATTLIST ted-link junos:style CDATA #IMPLIED>

<!ELEMENT ted-link-avail-bw0 (#PCDATA)>

```

```
<!ELEMENT ted-link-avail-bw1 (#PCDATA)>
<!ELEMENT ted-link-avail-bw2 (#PCDATA)>
<!ELEMENT ted-link-avail-bw3 (#PCDATA)>
<!ELEMENT ted-link-avail-bw4 (#PCDATA)>
<!ELEMENT ted-link-avail-bw5 (#PCDATA)>
<!ELEMENT ted-link-avail-bw6 (#PCDATA)>
<!ELEMENT ted-link-avail-bw7 (#PCDATA)>
<!ELEMENT ted-link-ct-bw0 (#PCDATA)>
<!ELEMENT ted-link-ct-bw1 (#PCDATA)>
<!ELEMENT ted-link-ct-bw2 (#PCDATA)>
<!ELEMENT ted-link-ct-bw3 (#PCDATA)>
<!ELEMENT ted-link-ct-bw4 (#PCDATA)>
<!ELEMENT ted-link-ct-bw5 (#PCDATA)>
<!ELEMENT ted-link-ct-bw6 (#PCDATA)>
<!ELEMENT ted-link-ct-bw7 (#PCDATA)>
<!ELEMENT ted-link-dste-tlv-meaning (#PCDATA)>
<!ELEMENT ted-link-extended-admin-group (admin-group-name)*>
<!ATTLIST ted-link-extended-admin-group heading CDATA #IMPLIED>
<!ELEMENT ted-link-forwarding-adjacency EMPTY>
<!ELEMENT ted-link-from (#PCDATA)>
<!ELEMENT ted-link-information (ted-link)*>
<!ELEMENT ted-link-link-out (#PCDATA)>
<!ELEMENT ted-link-local-address (#PCDATA)>
<!ELEMENT ted-link-local-bw0 (#PCDATA)>
<!ELEMENT ted-link-local-bw1 (#PCDATA)>
<!ELEMENT ted-link-local-bw2 (#PCDATA)>
<!ELEMENT ted-link-local-bw3 (#PCDATA)>
<!ELEMENT ted-link-local-bw4 (#PCDATA)>
<!ELEMENT ted-link-local-bw5 (#PCDATA)>
<!ELEMENT ted-link-local-bw6 (#PCDATA)>
<!ELEMENT ted-link-local-bw7 (#PCDATA)>
```

```
<!ELEMENT ted-link-local-ifindex (#PCDATA)>

<!ELEMENT ted-link-metric (#PCDATA)>

<!ELEMENT ted-link-model (#PCDATA)>

<!ELEMENT ted-link-remote-address (#PCDATA)>

<!ELEMENT ted-link-remote-ifindex (#PCDATA)>

<!ELEMENT ted-link-reservable-bandwidth (#PCDATA)>

<!ELEMENT ted-link-srlg (srlg-name)*>
<!ATTLIST ted-link-srlg heading CDATA #IMPLIED>

<!ELEMENT ted-link-static-bandwidth (#PCDATA)>

<!ELEMENT ted-link-to (#PCDATA)>

<!ELEMENT ted-link-unreserved-bw-tlv-meaning (#PCDATA)>

<!ELEMENT ted-protocol (ted-protocol-name | ted-protocol-credibility |
ted-protocol-self-node)*>

<!ELEMENT ted-protocol-credibility (#PCDATA)>

<!ELEMENT ted-protocol-information (ted-protocol)*>

<!ELEMENT ted-protocol-name (#PCDATA)>

<!ELEMENT ted-protocol-self-node (#PCDATA)>

<!ELEMENT telink-id (#PCDATA)>

<!ELEMENT telink-local-id (#PCDATA)>

<!ELEMENT telink-name (#PCDATA)>

<!ELEMENT telink-state (#PCDATA)>

<!ELEMENT terse-rpt EMPTY>

<!ELEMENT terse-sparse EMPTY>

<!ELEMENT terse-wc EMPTY>

<!ELEMENT time (#PCDATA)>

<!ELEMENT time-to-adjust (#PCDATA)>

<!ELEMENT timer (#PCDATA)>

<!ELEMENT timer-expires (#PCDATA)>

<!ELEMENT timer-flags (#PCDATA)>

<!ELEMENT timer-interval (#PCDATA)>

<!ELEMENT timer-jitter (#PCDATA)>

<!ELEMENT timer-late EMPTY>
```



```
<!ELEMENT timer-name (#PCDATA)>

<!ELEMENT timestamp (#PCDATA)>

<!ELEMENT title (#PCDATA)>

<!ELEMENT tlp-alloc-bytes (#PCDATA)>

<!ELEMENT tlp-alloc-pages (#PCDATA)>

<!ELEMENT tlp-max-alloc-bytes (#PCDATA)>

<!ELEMENT tlp-max-alloc-pages (#PCDATA)>

<!ELEMENT tlp-name (#PCDATA)>

<!ELEMENT tlv-block (tlv-type-name | tlv-type-value | tlv-length | bytes-left |
formatted-tlv-data)*>

<!ELEMENT tlv-grace-type-name (#PCDATA)>

<!ELEMENT tlv-grace-value (#PCDATA)>

<!ELEMENT tlv-length (#PCDATA)>

<!ELEMENT tlv-size (#PCDATA)>

<!ELEMENT tlv-stragglers (bytes-left)*>

<!ELEMENT tlv-type-name (#PCDATA)>

<!ELEMENT tlv-type-value (#PCDATA)>

<!ELEMENT tm-alloc-bytes (#PCDATA)>

<!ELEMENT tm-allocs (#PCDATA)>

<!ELEMENT tm-function-calls (#PCDATA)>

<!ELEMENT tm-max-alloc-bytes (#PCDATA)>

<!ELEMENT tm-max-allocs (#PCDATA)>

<!ELEMENT tm-name (#PCDATA)>

<!ELEMENT tms-alloc-bytes (#PCDATA)>

<!ELEMENT tms-allocs (#PCDATA)>

<!ELEMENT tms-free-bytes (#PCDATA)>

<!ELEMENT tms-mallocs (#PCDATA)>

<!ELEMENT tms-max-allocs (#PCDATA)>

<!ELEMENT tms-max-bytes (#PCDATA)>

<!ELEMENT tms-name (#PCDATA)>

<!ELEMENT to (#PCDATA)>
```

```
<!ELEMENT total-bypass (#PCDATA)>

<!ELEMENT total-database-summaries (#PCDATA)>

<!ELEMENT total-external-prefix-count (#PCDATA)>

<!ELEMENT total-internal-prefix-count (#PCDATA)>

<!ELEMENT total-linkstate-request (#PCDATA)>

<!ELEMENT total-paths (#PCDATA)>

<!ELEMENT total-prefix-count (#PCDATA)>

<!ELEMENT total-reserved-bandwidth (#PCDATA)>

<!ELEMENT total-retransmits (#PCDATA)>

<!ELEMENT total-route-count (#PCDATA)>

<!ELEMENT total-time (#PCDATA)>

<!ELEMENT totals-information (packets-received | packets-sent)*>

<!ELEMENT tracing-information (flags | filename | filesize | filelimit)*>

<!ELEMENT track-item (#PCDATA)>

<!ELEMENT traffic-class (#PCDATA)>

<!ELEMENT traffic-stats-interval (#PCDATA)>

<!ELEMENT transition-count (#PCDATA)>

<!ELEMENT transitions (#PCDATA)>

<!ELEMENT transmission-status (transmit-count | message | interface-name |
transmit-time)*>

<!ELEMENT transmit-count (#PCDATA)>

<!ELEMENT transmit-lsp-count (#PCDATA)>

<!ELEMENT transmit-time (#PCDATA)>
<!ATTLIST transmit-time junos:seconds CDATA #IMPLIED>

<!ELEMENT tree-contributing-ribs (#PCDATA)>

<!ELEMENT tree-index (#PCDATA)>

<!ELEMENT tree-policy (#PCDATA)>

<!ELEMENT tree-reference-count (#PCDATA)>

<!ELEMENT truncated-packets-error (#PCDATA)>

<!ELEMENT trunk-id (#PCDATA)>

<!ELEMENT ts (#PCDATA)>
```

```
<!ELEMENT tsb-alloc-bytes (#PCDATA)>
<!ELEMENT tsb-allocs (#PCDATA)>
<!ELEMENT tsb-free-bytes (#PCDATA)>
<!ELEMENT tsb-mallocs (#PCDATA)>
<!ELEMENT tsb-max-allocs (#PCDATA)>
<!ELEMENT tsb-max-bytes (#PCDATA)>
<!ELEMENT tsb-size (#PCDATA)>
<!ELEMENT tsb-terse-fullpage EMPTY>
<!ELEMENT tsb-terse-transient EMPTY>
<!ELEMENT tsi (#PCDATA)>
<!ELEMENT tunnel-destination (#PCDATA)>
<!ELEMENT tunnel-expiry (#PCDATA)>
<!ELEMENT tunnel-id (#PCDATA)>
<!ELEMENT tunnel-local-address (#PCDATA)>
<!ELEMENT tunnel-nexthop (tunnel-nh-type | tunnel-nh-src | via | tunnel-nh-state
| tunnel-nh-reason | tunnel-nh-lsp-name)*>
<!ELEMENT tunnel-nh-lsp-name (#PCDATA)>
<!ELEMENT tunnel-nh-reason (#PCDATA)>
<!ELEMENT tunnel-nh-src (#PCDATA)>
<!ELEMENT tunnel-nh-state (#PCDATA)>
<!ELEMENT tunnel-nh-type (#PCDATA)>
<!ELEMENT tunnel-reference-count (#PCDATA)>
<!ELEMENT tunnel-remote-address (#PCDATA)>
<!ELEMENT tunnel-state (#PCDATA)>
<!ELEMENT tunnel-ttl (#PCDATA)>
<!ELEMENT two-way-lsp-id (#PCDATA)>
<!ELEMENT tx-rate (#PCDATA)>
<!ELEMENT tx-rate-percent (#PCDATA)>
<!ELEMENT type (#PCDATA)>
<!ELEMENT type-value (#PCDATA)>
<!ELEMENT type7 EMPTY>
```

```
<!ELEMENT uflags (#PCDATA)>

<!ELEMENT unconfigured-peer-count (#PCDATA)>

<!ELEMENT unconfigured-peers (route-filter)*>

<!ELEMENT unicast-bytes (#PCDATA)>

<!ELEMENT unicast-packets (#PCDATA)>

<!ELEMENT unknown-local-data (#PCDATA)>

<!ELEMENT unknown-tlv (isis-tlv-type | tlv-length)*>

<!ELEMENT up-count (#PCDATA)>

<!ELEMENT up-transitions (#PCDATA)>

<!ELEMENT update-send-count (#PCDATA)>

<!ELEMENT update-threshold (#PCDATA)>

<!ELEMENT upstream-group (multicast-group-address)*>

<!ELEMENT upstream-interface-name (#PCDATA)>

<!ELEMENT upstream-label-in (#PCDATA)>

<!ELEMENT upstream-label-out (#PCDATA)>

<!ELEMENT upstream-neighbor (#PCDATA)>

<!ELEMENT upstream-neighbor-rpf-origin (#PCDATA)>

<!ELEMENT upstream-protocol (#PCDATA)>

<!ELEMENT upstream-protocol-name (#PCDATA)>

<!ELEMENT upstream-state-flags (none | local-source | local-rp | join-to-rp |
join-to-source | prune-to-rp | prune-to-source)*>

<!ELEMENT usy-addr (#PCDATA)>

<!ELEMENT usy-elapsed (#PCDATA)>
<!--ATTLIST usy-elapsed junos:seconds CDATA #IMPLIED-->

<!ELEMENT usy-flags (#PCDATA)>

<!ELEMENT usy-iid (#PCDATA)>

<!ELEMENT usy-more EMPTY>

<!ELEMENT vc-down-count (#PCDATA)>

<!ELEMENT vc-id (#PCDATA)>

<!ELEMENT vc-label (#PCDATA)>

<!ELEMENT vc-up-count (#PCDATA)>

<!ELEMENT via (#PCDATA)>
```

```

<!ELEMENT virtual-link-destination (#PCDATA)>

<!ELEMENT virtual-link-error (#PCDATA)>

<!ELEMENT virtual-link-transit-area (#PCDATA)>

<!ELEMENT vlan-id (#PCDATA)>

<!ELEMENT vpls-auto-site-repository (route-distinguisher | instance-id |
local-site-id | auto-site-count | auto-site-repository-state)*>

<!ELEMENT vpls-auto-site-repository-information (vpls-auto-site-repository)*>

<!ELEMENT vpls-bgp-label-repository-information
(vpls-bgp-route-distinguisher-information)*>

<!ELEMENT vpls-bgp-route-distinguisher-information (route-distinguisher |
instance-id | l2vpn-nlri-advertisement)*>

<!ELEMENT vpls-connection-information (instance)*>

<!ELEMENT vpls-dyn-instance-name (#PCDATA)>

<!ELEMENT vpls-dyn-interface-name (#PCDATA)>

<!ELEMENT vpls-dyn-prof-session-information (vpls-dyn-session-entry)*>

<!ELEMENT vpls-dyn-profile-name (#PCDATA)>

<!ELEMENT vpls-dyn-session-entry (vpls-dyn-session-id | vpls-dyn-profile-name |
vpls-dyn-interface-name | vpls-dyn-instance-name)*>

<!ELEMENT vpls-dyn-session-id (#PCDATA)>

<!ELEMENT vpls-dynamic-interface-repository (instance-id | local-site-id |
remote-site-id | interface-name | local-interface-index | vpls-label |
interface-repository-state | mesh-group-id)*>

<!ELEMENT vpls-dynamic-interface-repository-information
(vpls-dynamic-interface-repository |
vpls-ldp-dynamic-interface-repository-entity)*>

<!ELEMENT vpls-egress-p2mp-branch-lsp-name (#PCDATA)>

<!ELEMENT vpls-egress-p2mp-branch-lsp-state (#PCDATA)>

<!ELEMENT vpls-id (#PCDATA)>

<!ELEMENT vpls-ingress-p2mp-branch-lsp-name (#PCDATA)>

<!ELEMENT vpls-ingress-p2mp-branch-lsp-state (#PCDATA)>

<!ELEMENT vpls-ingress-p2mp-lsp-name (#PCDATA)>

<!ELEMENT vpls-label (#PCDATA)>

<!ELEMENT vpls-ldp-dynamic-interface-repository (vpls-id | neighbor-id |
interface-name | vpls-label | ifl-repository-state | mesh-group-id)*>

<!ELEMENT vpls-ldp-dynamic-interface-repository-entity (instance |

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```

vpls-ldp-dynamic-interface-repository)*>

<!ELEMENT vpls-ldp-label-repository (neighbor-id | vpls-id | vpls-label |
label-repository-state)*>

<!ELEMENT vpls-ldp-label-repository-entity (instance-name |
vpls-ldp-label-repository)*>

<!ELEMENT vpls-ldp-label-repository-information
(vpls-ldp-label-repository-entity)*>

<!ELEMENT vpls-protocol-state (vpls-signaling-protocol-identifier |
num-local-interfaces | num-local-interfaces-up | irb-present | mesh-group-count
| mesh-group-up-count | mesh-group-interfaces | interface | mesh-group-connection
| reference-site)*>

<!ELEMENT vpls-rsvp-te-ingress-p2mp-lsp (vpls-ingress-p2mp-lsp-name |
vpls-rsvp-te-p2mp-flood-nexthop-id)*>

<!ELEMENT vpls-rsvp-te-p2mp-flood-nexthop-id (#PCDATA)>

<!ELEMENT vpls-rsvp-te-p2mp-lsp-information (vpls-ingress-p2mp-branch-lsp-name |
vpls-ingress-p2mp-branch-lsp-state | vpls-egress-p2mp-branch-lsp-name |
vpls-egress-p2mp-branch-lsp-state)*>

<!ELEMENT vpls-signaling-protocol-identifier (#PCDATA)>

<!ELEMENT vpls-statistics-information (instance | interface-statistics)*>

<!ELEMENT vpn-label (#PCDATA)>

<!ELEMENT vpn-rib-state (#PCDATA)>

<!ELEMENT vpnlabel-nh (#PCDATA)>

<!ELEMENT vrf-export (#PCDATA)>

<!ELEMENT vrf-export-target (#PCDATA)>

<!ELEMENT vrf-import (#PCDATA)>

<!ELEMENT vrf-import-target (#PCDATA)>

<!ELEMENT vrf-label-allocation (#PCDATA)>

<!ELEMENT vrf-label-substitution (#PCDATA)>

<!ELEMENT vrrp-advertisement-sent-time (#PCDATA)>
<!ATTLIST vrrp-advertisement-sent-time junos:seconds CDATA #IMPLIED>

<!ELEMENT vrrp-advertisements-received (#PCDATA)>

<!ELEMENT vrrp-advertisements-sent (#PCDATA)>

<!ELEMENT vrrp-group (vrrp-group-id | vrrp-advertisements-sent |
vrrp-advertisement-sent-time | vrrp-solicits-received | vrrp-solicit-receive-time
| vrrp-advertisements-received)*>

<!ELEMENT vrrp-group-id (#PCDATA)>

<!ELEMENT vrrp-solicit-receive-time (#PCDATA)>

```

```
<!ATTLIST vrrp-solicit-receive-time junos:seconds CDATA #IMPLIED>  
<!ELEMENT vrrp-solicits-received (#PCDATA)>  
<!ELEMENT warning-percentage (#PCDATA)>  
<!ELEMENT weight (#PCDATA)>  
<!ELEMENT wildcard EMPTY>  
<!ELEMENT working-status (#PCDATA)>
```


CHAPTER 74

DTD for RPM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-rpm.dtd`, which lists the Junos XML tags that contain information about RPM. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-rpm.dtd -->

<!ELEMENT accept-sessions-sent (#PCDATA)>

<!ELEMENT active-servers (configured-servers)*>

<!ELEMENT authentication-mode (#PCDATA)>

<!ELEMENT avg-delay (#PCDATA)>
<!-- ATTENTION: avg-delay junos:format CDATA #IMPLIED -->

<!ELEMENT client-address (#PCDATA)>

<!ELEMENT client-port (#PCDATA)>

<!ELEMENT configured-servers (protocol | port | destination-interface)*>

<!ELEMENT connection (connection-id | client-address | client-port | server-address
| server-port | session-count | authentication-mode)*>

<!ELEMENT connection-id (#PCDATA)>

<!ELEMENT delay-thresh (#PCDATA)>

<!ELEMENT destination-interface (#PCDATA)>

<!ELEMENT egress (#PCDATA)>

<!ELEMENT egress-interarrival-jitter (#PCDATA)>

<!ELEMENT egress-jitter (#PCDATA)>

<!ELEMENT egress-jitter-thresh (#PCDATA)>

<!ELEMENT egress-stddev-thresh (#PCDATA)>

<!ELEMENT egress-thresh (#PCDATA)>
```

```
<!ELEMENT hardware-timestamp-status (#PCDATA)>

<!ELEMENT history-results (history-test-results)*>

<!ELEMENT history-test-results (owner | test-name | target-address | target-url
| source-address | destination-interface | probe-type | probe-single-results |
probe-test-current-results | loss-thresh-total | loss-thresh-succ | delay-thresh
| jitter-thresh | stddev-thresh | egress-thresh | egress-jitter-thresh |
ingress-thresh | ingress-jitter-thresh)*>
<!ATTLIST history-test-results junos:style CDATA #IMPLIED>

<!ELEMENT ingress (#PCDATA)>

<!ELEMENT ingress-interarrival-jitter (#PCDATA)>

<!ELEMENT ingress-jitter (#PCDATA)>

<!ELEMENT ingress-jitter-thresh (#PCDATA)>

<!ELEMENT ingress-stddev-thresh (#PCDATA)>

<!ELEMENT ingress-thresh (#PCDATA)>

<!ELEMENT internal-error (#PCDATA)>

<!ELEMENT ip-version (#PCDATA)>

<!ELEMENT jitter-delay (#PCDATA)>
<!ATTLIST jitter-delay junos:format CDATA #IMPLIED>

<!ELEMENT jitter-thresh (#PCDATA)>

<!ELEMENT last-sequence-number-received (#PCDATA)>

<!ELEMENT last-sequence-number-sent (#PCDATA)>

<!ELEMENT last-test-time (#PCDATA)>
<!ATTLIST last-test-time junos:seconds CDATA #IMPLIED>

<!ELEMENT loss-percentage (#PCDATA)>
<!ATTLIST loss-percentage junos:format CDATA #IMPLIED>

<!ELEMENT loss-thresh-succ (#PCDATA)>

<!ELEMENT loss-thresh-total (#PCDATA)>

<!ELEMENT max-delay (#PCDATA)>
<!ATTLIST max-delay junos:format CDATA #IMPLIED>

<!ELEMENT min-delay (#PCDATA)>
<!ATTLIST min-delay junos:format CDATA #IMPLIED>

<!ELEMENT owner (#PCDATA)>

<!ELEMENT packet-malformed (#PCDATA)>

<!ELEMENT packet-statistics (request-sessions-received | accept-sessions-sent |
start-sessions-received | stop-sessions-received | test-packets-received |
test-packets-reflected | last-sequence-number-received | last-sequence-number-sent
| test-packets-dropped | test-packets-dropped-details)*>
```

```

<!ELEMENT packet-unsupported (#PCDATA)>

<!ELEMENT padding-length (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT probe-last-test-info (last-test-time)*>

<!ELEMENT probe-last-test-results (probe-test-generic-results)*>

<!ELEMENT probe-responses (#PCDATA)>

<!ELEMENT probe-results (probe-test-results)*>

<!ELEMENT probe-results-type (#PCDATA)>

<!ELEMENT probe-single-results (owner | test-name | probe-time | probe-status |
hardware-timestamp-status | rtt | ingress | egress | egress-jitter | ingress-jitter
| round-trip-jitter | egress-interarrival-jitter | ingress-interarrival-jitter
| round-trip-interarrival-jitter)*>
<!ATTLIST probe-single-results junos:style CDATA #IMPLIED>

<!ELEMENT probe-status (#PCDATA)>

<!ELEMENT probe-summary-results (probe-results-type | min-delay | max-delay |
avg-delay | jitter-delay | stddev-delay | sum-delay | samples)*>

<!ELEMENT probe-test-current-results (probe-test-generic-results)*>

<!ELEMENT probe-test-egress (probe-summary-results)*>

<!ELEMENT probe-test-generic-results (probes-sent | probe-responses |
loss-percentage | results-scope | probe-last-test-info | probe-test-rtt |
probe-test-egress | probe-test-ingress | probe-test-positive-egress-jitter |
probe-test-negative-egress-jitter | probe-test-positive-ingress-jitter |
probe-test-negative-ingress-jitter | probe-test-positive-round-trip-jitter |
probe-test-negative-round-trip-jitter)*>

<!ELEMENT probe-test-global-results (probe-test-generic-results)*>

<!ELEMENT probe-test-ingress (probe-summary-results)*>

<!ELEMENT probe-test-moving-results (probe-test-generic-results)*>

<!ELEMENT probe-test-negative-egress-jitter (probe-summary-results)*>

<!ELEMENT probe-test-negative-ingress-jitter (probe-summary-results)*>

<!ELEMENT probe-test-negative-round-trip-jitter (probe-summary-results)*>

<!ELEMENT probe-test-positive-egress-jitter (probe-summary-results)*>

<!ELEMENT probe-test-positive-ingress-jitter (probe-summary-results)*>

<!ELEMENT probe-test-positive-round-trip-jitter (probe-summary-results)*>

<!ELEMENT probe-test-results (owner | test-name | target-address | target-url |
source-address | destination-interface | probe-type | test-size |
routing-instance-name | loss-thresh-total | loss-thresh-succ | delay-thresh |
jitter-thresh | stddev-thresh | egress-thresh | egress-jitter-thresh |

```

```
egress-stddev-thresh | ingress-thresh | ingress-jitter-thresh |
ingress-stddev-thresh | probe-single-results | probe-test-current-results |
probe-last-test-results | probe-test-moving-results | probe-test-global-results)*>

<!ELEMENT probe-test-rtt (probe-summary-results)*>

<!ELEMENT probe-time (#PCDATA)>
<!--ATTLIST probe-time junos:seconds CDATA #IMPLIED-->

<!ELEMENT probe-type (#PCDATA)>

<!ELEMENT probes-sent (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT reflector-address (#PCDATA)>

<!ELEMENT reflector-port (#PCDATA)>

<!--ELEMENT request-sessions-received (#PCDATA)-->

<!--ELEMENT results-scope (#PCDATA)-->

<!--ELEMENT round-trip-interarrival-jitter (#PCDATA)-->

<!--ELEMENT round-trip-jitter (#PCDATA)-->

<!--ELEMENT routing-instance-name (#PCDATA)-->

<!--ELEMENT rtt (#PCDATA)-->

<!--ELEMENT samples (#PCDATA)-->
<!--ATTLIST samples junos:format CDATA #IMPLIED-->

<!--ELEMENT sender-address (#PCDATA)-->

<!--ELEMENT sender-port (#PCDATA)-->

<!--ELEMENT server (session)*-->

<!--ELEMENT server-address (#PCDATA)-->

<!--ELEMENT server-port (#PCDATA)-->

<!--ELEMENT server-statistics (packet-statistics)*-->

<!--ELEMENT session (session-id | connection-id | sender-address | sender-port |
reflector-address | reflector-port | session-state | authentication-mode |
ip-version | padding-length | start-time | timeout | packet-statistics)*-->
<!--ATTLIST session junos:style CDATA #IMPLIED-->

<!--ELEMENT session-count (#PCDATA)-->

<!--ELEMENT session-id (#PCDATA)-->

<!--ELEMENT session-nonexist (#PCDATA)-->

<!--ELEMENT session-notactive (#PCDATA)-->

<!--ELEMENT session-state (#PCDATA)-->
```

```
<!ELEMENT source-address (#PCDATA)>

<!ELEMENT start-sessions-received (#PCDATA)>

<!ELEMENT start-time (#PCDATA)>

<!ELEMENT stddev-delay (#PCDATA)>
<!ATTLIST stddev-delay junos:format CDATA #IMPLIED>

<!ELEMENT stddev-thresh (#PCDATA)>

<!ELEMENT stop-sessions-received (#PCDATA)>

<!ELEMENT sum-delay (#PCDATA)>
<!ATTLIST sum-delay junos:format CDATA #IMPLIED>

<!ELEMENT target-address (#PCDATA)>

<!ELEMENT target-url (#PCDATA)>

<!ELEMENT test-name (#PCDATA)>

<!ELEMENT test-packets-dropped (#PCDATA)>

<!ELEMENT test-packets-dropped-details (session-nonexist | session-notactive |
packet-unsupported | packet-malformed | internal-error)*>

<!ELEMENT test-packets-received (#PCDATA)>

<!ELEMENT test-packets-reflected (#PCDATA)>

<!ELEMENT test-size (#PCDATA)>
<!ATTLIST test-size junos:format CDATA #IMPLIED>

<!ELEMENT timeout (#PCDATA)>

<!ELEMENT twamp-server-information (connection | server | server-statistics)*>
```


DTD for Routing and Forwarding Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-rtinfo.dtd`, which lists the Junos XML tags that contain information about routing and forwarding tables. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-rtinfo.dtd -->

<!ELEMENT address-family (#PCDATA)>

<!ELEMENT address-family-number (#PCDATA)>

<!ELEMENT alt-fwdnh-index (#PCDATA)>

<!ELEMENT bd-name (#PCDATA)>

<!ELEMENT bridge-mac-destination-address-statistics (packet-count | byte-count)*>

<!ELEMENT bridge-mac-source-address-statistics (packet-count | byte-count)*>

<!ELEMENT bridge-table-deleted EMPTY>

<!ELEMENT byte-count (#PCDATA)>

<!ELEMENT destination-type (#PCDATA)>

<!ELEMENT epoch (#PCDATA)>

<!ELEMENT flood-token (#PCDATA)>

<!ELEMENT forwarding-table-information (route-table)*>

<!ELEMENT ifl-generation (#PCDATA)>

<!ELEMENT l2al-rtflags (#PCDATA)>

<!ELEMENT learn-mask (#PCDATA)>

<!ELEMENT learn-vlan (#PCDATA)>

<!ELEMENT logical-system-name (#PCDATA)>
```

```
<!ELEMENT mac-sequence-number (#PCDATA)>

<!ELEMENT nh (to | nh-type | nh-index | nh-reference-count | nh-cfi-index | via
| nh-weight | nh-balance | nh-uflags | nh-composite-num-nhs | nh-composite-nh-index
| nh-composite-function | nh-composite-num-derived-nhs |
nh-composite-derived-nh-index | alt-fwdnh-index | nh-l3-interface | nh-l2-interface
| nh-le-beb-mac)*>

<!ELEMENT nh-balance (#PCDATA)>

<!ELEMENT nh-cfi-index (#PCDATA)>

<!ELEMENT nh-composite-derived-nh-index (#PCDATA)>

<!ELEMENT nh-composite-function (#PCDATA)>

<!ELEMENT nh-composite-nh-index (#PCDATA)>

<!ELEMENT nh-composite-num-derived-nhs (#PCDATA)>

<!ELEMENT nh-composite-num-nhs (#PCDATA)>

<!ELEMENT nh-index (#PCDATA)>

<!ELEMENT nh-l2-interface (nh-l2-interface-name)*>

<!ELEMENT nh-l2-interface-name (#PCDATA)>

<!ELEMENT nh-l3-interface (#PCDATA)>

<!ELEMENT nh-le-beb-mac (#PCDATA)>

<!ELEMENT nh-reference-count (#PCDATA)>

<!ELEMENT nh-type (#PCDATA)>

<!ELEMENT nh-uflags (#PCDATA)>

<!ELEMENT nh-weight (#PCDATA)>

<!ELEMENT packet-count (#PCDATA)>

<!ELEMENT pbbn-route-table-deleted EMPTY>

<!ELEMENT pbbn-table-name (#PCDATA)>

<!ELEMENT route-count (#PCDATA)>

<!ELEMENT route-flags (#PCDATA)>

<!ELEMENT route-interface-index (#PCDATA)>

<!ELEMENT route-reference-count (#PCDATA)>

<!ELEMENT route-table (logical-system-name | table-name | bd-name | pbbn-table-name
| route-table-deleted | pbbn-route-table-deleted | bridge-table-deleted |
address-family | address-family-number | rt-entry | route-table-summary)*>

<!ELEMENT route-table-deleted EMPTY>
```



```
<!ELEMENT route-table-summary (route-table-type | route-count)*>

<!ELEMENT route-table-type (#PCDATA)>

<!ELEMENT rpf-information (via)*>

<!ELEMENT rt-destination (#PCDATA)>

<!ELEMENT rt-entry (rt-destination | learn-vlan | destination-type |
route-reference-count | route-interface-index | ifl-generation | epoch |
flood-token | mac-sequence-number | learn-mask | l2a1-rtflags | route-flags |
vlan-index | vlan-flags | nh | rpf-information | vpls-mac-source-address-statistics
| vpls-mac-destination-address-statistics | bridge-mac-source-address-statistics
| bridge-mac-destination-address-statistics)*>
<!ATTLIST rt-entry junos:style CDATA #IMPLIED>

<!ELEMENT table-name (#PCDATA)>

<!ELEMENT to (#PCDATA)>

<!ELEMENT via (#PCDATA)>

<!ELEMENT vlan-flags (#PCDATA)>

<!ELEMENT vlan-index (#PCDATA)>

<!ELEMENT vpls-mac-destination-address-statistics (packet-count | byte-count)*>

<!ELEMENT vpls-mac-source-address-statistics (packet-count | byte-count)*>
```


CHAPTER 76

DTD for SDX Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-sdx.dtd`, which lists the Junos XML tags that contain information about SDX. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-sdx.dtd -->

<!ELEMENT address (#PCDATA)>

<!ELEMENT connection-status (state | address | port | date-time)*>

<!ELEMENT date-time (#PCDATA)>
<!-- ATTENTION: junos:seconds CDATA #IMPLIED -->

<!ELEMENT elapsed-time (#PCDATA)>

<!ELEMENT interval (#PCDATA)>

<!ELEMENT keepalive-count (#PCDATA)>

<!ELEMENT keepalive-information (interval | keepalive-count | elapsed-time)*>

<!ELEMENT notification-count (#PCDATA)>

<!ELEMENT notification-information (notification-count | elapsed-time)*>

<!ELEMENT peer-information (elapsed-time)*>

<!ELEMENT port (#PCDATA)>

<!ELEMENT sdx-information (unconfigured | connection-status | keepalive-information
| notification-information | peer-information)*>

<!ELEMENT state (#PCDATA)>

<!ELEMENT unconfigured EMPTY>
```


CHAPTER 77

DTD for SecPolInfo Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-secpolinfo.dtd`, which lists the Junos XML tags that contain information about security policy resource utilization. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-secpolinfo.dtd -->

<!ELEMENT area (#PCDATA)>

<!ELEMENT current (#PCDATA)>
<!-- ATTLIST current junos:format CDATA #IMPLIED -->

<!ELEMENT maximum (#PCDATA)>
<!-- ATTLIST maximum junos:format CDATA #IMPLIED -->

<!ELEMENT resource (area | current | maximum)*>

<!ELEMENT resource-utilization (resource)*>

<!ELEMENT secpolinfo-policy (secpolinfo-policy-provider-prefix |
secpolinfo-policy-provider-id | secpolinfo-policy-applied-role |
secpolinfo-policy-applied-policy | secpolinfo-policy-inherited-role |
secpolinfo-policy-inherited-policy | resource-utilization)*>
<!-- ATTLIST secpolinfo-policy junos:style CDATA #IMPLIED -->

<!ELEMENT secpolinfo-policy-applied-policy (#PCDATA)>

<!ELEMENT secpolinfo-policy-applied-role (#PCDATA)>

<!ELEMENT secpolinfo-policy-information (secpolinfo-policy)*>

<!ELEMENT secpolinfo-policy-inherited-policy (#PCDATA)>

<!ELEMENT secpolinfo-policy-inherited-role (#PCDATA)>

<!ELEMENT secpolinfo-policy-provider-id (#PCDATA)>

<!ELEMENT secpolinfo-policy-provider-prefix (#PCDATA)>
```


DTD for Services Accounting Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-services-accounting.dtd`, which lists the Junos XML tags that contain information about services accounting. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-services-accounting.dtd -->

<!ELEMENT active-flows (#PCDATA)>

<!ELEMENT active-timeout-failures (#PCDATA)>

<!ELEMENT allocation-count (#PCDATA)>

<!ELEMENT allocations-per-second (#PCDATA)>

<!ELEMENT bgp-nexthop (#PCDATA)>

<!ELEMENT byte-count (#PCDATA)>

<!ELEMENT destination-address (#PCDATA)>

<!ELEMENT destination-as (#PCDATA)>

<!ELEMENT destination-ipv6-address (#PCDATA)>

<!ELEMENT destination-mask (#PCDATA)>

<!ELEMENT destination-peer-as (#PCDATA)>

<!ELEMENT destination-port (#PCDATA)>
<!ATTLIST destination-port junos:format CDATA #IMPLIED>

<!ELEMENT destination-prefix-length (#PCDATA)>

<!ELEMENT detail-entry (tos | protocol | tcp-flags | source-address |
source-prefix-length | destination-address | destination-prefix-length |
source-port | destination-port | input-snmp-interface-index |
output-snmp-interface-index | input-interface-name | output-interface-name |
source-as | destination-as | start-time | end-time | packet-count | byte-count |
last-active-timeout | source-mask | destination-mask | icmp-type | mpls-label-1
```

```
| mpls-label-2 | mpls-label-3 | top-label-address | source-ipv6-address |
destination-ipv6-address | destination-peer-as | bgp-nexthop | flow-count)*>

<!ELEMENT end-time (#PCDATA)>
<!ATTLIST end-time junos:seconds CDATA #IMPLIED>

<!ELEMENT error-allocation-failures (#PCDATA)>

<!ELEMENT error-bytes-per-second-overload (#PCDATA)>

<!ELEMENT error-free-failures (#PCDATA)>

<!ELEMENT error-free-list-failures (#PCDATA)>

<!ELEMENT error-information (error-packets-dropped-no-memory |
error-packets-dropped-not-ip | error-packets-dropped-not-ipv4 |
error-packets-too-small | error-allocation-failures | error-free-failures |
error-free-list-failures | error-memory-warning | error-memory-overload |
error-packets-per-second-overload | error-bytes-per-second-overload)*>

<!ELEMENT error-memory-overload (#PCDATA)>

<!ELEMENT error-memory-warning (#PCDATA)>

<!ELEMENT error-packets-dropped-no-memory (#PCDATA)>

<!ELEMENT error-packets-dropped-not-ip (#PCDATA)>

<!ELEMENT error-packets-dropped-not-ipv4 (#PCDATA)>

<!ELEMENT error-packets-per-second-overload (#PCDATA)>

<!ELEMENT error-packets-too-small (#PCDATA)>

<!ELEMENT export-packet-failures (#PCDATA)>

<!ELEMENT five-second-load (#PCDATA)>

<!ELEMENT flow-aggregate-as-detail (detail-entry)*>
<!ATTLIST flow-aggregate-as-detail junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-destination-prefix-detail (detail-entry)*>
<!ATTLIST flow-aggregate-destination-prefix-detail junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-protocol-port-detail (detail-entry)*>
<!ATTLIST flow-aggregate-protocol-port-detail junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-source-destination-prefix-detail (detail-entry)*>
<!ATTLIST flow-aggregate-source-destination-prefix-detail junos:style CDATA
#IMPLIED>

<!ELEMENT flow-aggregate-source-prefix-detail (detail-entry)*>
<!ATTLIST flow-aggregate-source-prefix-detail junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-template-detail (flow-aggregate-template-detail-ipv4 |
flow-aggregate-template-detail-mpls | flow-aggregate-template-detail-mpls-ipv4 |
flow-aggregate-template-detail-ipv6 |
flow-aggregate-template-detail-peer-as-billing)*>

<!ELEMENT flow-aggregate-template-detail-ipv4 (detail-entry)*>
<!ATTLIST flow-aggregate-template-detail-ipv4 junos:style CDATA #IMPLIED>
```



```

<!ELEMENT flow-aggregate-template-detail-ipv6 (detail-entry)*>
<!ATTLIST flow-aggregate-template-detail-ipv6 junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-template-detail-mps (detail-entry)*>
<!ATTLIST flow-aggregate-template-detail-mps junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-template-detail-mps-ipv4 (detail-entry)*>
<!ATTLIST flow-aggregate-template-detail-mps-ipv4 junos:style CDATA #IMPLIED>

<!ELEMENT flow-aggregate-template-detail-peer-as-billing (detail-entry)*>
<!ATTLIST flow-aggregate-template-detail-peer-as-billing junos:style CDATA
#IMPLIED>

<!ELEMENT flow-bytes (#PCDATA)>

<!ELEMENT flow-bytes-ten-second-rate (#PCDATA)>

<!ELEMENT flow-count (#PCDATA)>

<!ELEMENT flow-creation-failures (#PCDATA)>

<!ELEMENT flow-detail (detail-entry)*>
<!ATTLIST flow-detail junos:style CDATA #IMPLIED>

<!ELEMENT flow-information (interface-name | local_ifd_index | flow-packets |
flow-bytes | flow-packets-ten-second-rate | flow-bytes-ten-second-rate |
active-flows | flows | flows-exported | flow-packets-exported | flows-expired |
flows-aged)*>

<!ELEMENT flow-packets (#PCDATA)>

<!ELEMENT flow-packets-exported (#PCDATA)>

<!ELEMENT flow-packets-ten-second-rate (#PCDATA)>

<!ELEMENT flows (#PCDATA)>

<!ELEMENT flows-aged (#PCDATA)>

<!ELEMENT flows-expired (#PCDATA)>

<!ELEMENT flows-exported (#PCDATA)>

<!ELEMENT fpc-slot (#PCDATA)>

<!ELEMENT free-count (#PCDATA)>

<!ELEMENT frees-per-second (#PCDATA)>

<!ELEMENT icmp-type (#PCDATA)>

<!ELEMENT inline-active-flows (#PCDATA)>

<!ELEMENT inline-as-lookup-failures (#PCDATA)>

<!ELEMENT inline-export-packet-failures (#PCDATA)>

<!ELEMENT inline-flow-bytes (#PCDATA)>

<!ELEMENT inline-flow-creation-failures (#PCDATA)>

```

```
<!ELEMENT inline-flow-packets (#PCDATA)>

<!ELEMENT inline-flow-packets-exported (#PCDATA)>

<!ELEMENT inline-flows (#PCDATA)>

<!ELEMENT inline-flows-aged (#PCDATA)>

<!ELEMENT inline-flows-expired (#PCDATA)>

<!ELEMENT inline-flows-exported (#PCDATA)>

<!ELEMENT inline-jflow-error-information (fpc-slot | inline-flow-creation-failures
| ring-buffer-failures | inline-route-record-lookup-failure |
inline-as-lookup-failures | inline-export-packet-failures |
inline-memory-overload)*>

<!ELEMENT inline-jflow-flow-information (fpc-slot | inline-flow-packets |
inline-flow-bytes | inline-active-flows | inline-flows | inline-flows-exported |
inline-flow-packets-exported | inline-flows-expired | inline-flows-aged)*>

<!ELEMENT inline-jflow-status-information (fpc-slot | inline-status-export-format
| inline-status-route-record-count | inline-status-as-count | ring-buffer-entries
| inline-status-route-record-set | inline-status-config-set)*>

<!ELEMENT inline-memory-overload (#PCDATA)>

<!ELEMENT inline-route-record-lookup-failure (#PCDATA)>

<!ELEMENT inline-status-as-count (#PCDATA)>

<!ELEMENT inline-status-config-set (#PCDATA)>

<!ELEMENT inline-status-export-format (#PCDATA)>

<!ELEMENT inline-status-route-record-count (#PCDATA)>

<!ELEMENT inline-status-route-record-set (#PCDATA)>

<!ELEMENT input-interface-name (#PCDATA)>

<!ELEMENT input-snmp-interface-index (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT inttime (#PCDATA)>

<!ELEMENT last-active-timeout (time-delta | last-packet-count | last-byte-count)*>

<!ELEMENT last-byte-count (#PCDATA)>

<!ELEMENT last-packet-count (#PCDATA)>

<!ELEMENT local-index (#PCDATA)>

<!ELEMENT local_ifd_index (#PCDATA)>

<!ELEMENT maximum-allocated (#PCDATA)>

<!ELEMENT memory-free (#PCDATA)>
```

```

<!ELEMENT memory-information (interface-name | allocation-count | free-count |
maximum-allocated | allocations-per-second | frees-per-second | memory-used |
memory-free | v9-memory-used)*>
<!ATTLIST memory-information junos:style CDATA #IMPLIED>

<!ELEMENT memory-overload (#PCDATA)>

<!ELEMENT memory-used (#PCDATA)>

<!ELEMENT mpls-label-1 (#PCDATA)>

<!ELEMENT mpls-label-2 (#PCDATA)>

<!ELEMENT mpls-label-3 (#PCDATA)>

<!ELEMENT one-minute-load (#PCDATA)>

<!ELEMENT output-interface-name (#PCDATA)>

<!ELEMENT output-snmp-interface-index (#PCDATA)>

<!ELEMENT packet-count (#PCDATA)>

<!ELEMENT packet-distribution-information (packet-size-range-start |
packet-size-range-end | range-number-packets | range-percentage-packets)*>

<!ELEMENT packet-size-range-end (#PCDATA)>

<!ELEMENT packet-size-range-start (#PCDATA)>

<!ELEMENT pic-status (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>
<!ATTLIST protocol junos:format CDATA #IMPLIED>

<!ELEMENT range-number-packets (#PCDATA)>

<!ELEMENT range-percentage-packets (#PCDATA)>

<!ELEMENT ring-buffer-entries (#PCDATA)>

<!ELEMENT ring-buffer-failures (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT service-set-dropped (#PCDATA)>

<!ELEMENT services-accounting-information (service-name | interface-name |
pic-status | local-index | usage-information | memory-information |
flow-information | inline-jflow-flow-information | packet-distribution-information
| error-information | inline-jflow-error-information | v9-error-information |
status-information | inline-jflow-status-information | flow-detail |
flow-aggregate-template-detail | flow-aggregate-as-detail |
flow-aggregate-protocol-port-detail | flow-aggregate-source-prefix-detail |
flow-aggregate-destination-prefix-detail |
flow-aggregate-source-destination-prefix-detail)*>
<!ATTLIST services-accounting-information junos:style CDATA #IMPLIED>

<!ELEMENT source-address (#PCDATA)>

```

```
<!ELEMENT source-as (#PCDATA)>

<!ELEMENT source-ipv6-address (#PCDATA)>

<!ELEMENT source-mask (#PCDATA)>

<!ELEMENT source-port (#PCDATA)>
<ATTLIST source-port junos:format CDATA #IMPLIED>

<!ELEMENT source-prefix-length (#PCDATA)>

<!ELEMENT start-time (#PCDATA)>
<ATTLIST start-time junos:seconds CDATA #IMPLIED>

<!ELEMENT status-as-count (#PCDATA)>

<!ELEMENT status-engine-id (#PCDATA)>

<!ELEMENT status-engine-type (#PCDATA)>

<!ELEMENT status-export-format (#PCDATA)>

<!ELEMENT status-export-interval (#PCDATA)>

<!ELEMENT status-ifl-snmp-map-count (#PCDATA)>

<!ELEMENT status-information (status-service-id | status-export-interval |
interface-name | status-export-format | status-proto | status-engine-type |
status-engine-id | status-route-record-count | status-ifl-snmp-map-count |
status-as-count | status-monitor-time-set | status-monitor-config-set |
status-monitor-route-record-set | status-monitor-ifl-snmp-set)*>
<ATTLIST status-information junos:style CDATA #IMPLIED>

<!ELEMENT status-monitor-config-set (#PCDATA)>

<!ELEMENT status-monitor-ifl-snmp-set (#PCDATA)>

<!ELEMENT status-monitor-route-record-set (#PCDATA)>

<!ELEMENT status-monitor-time-set (#PCDATA)>

<!ELEMENT status-proto (#PCDATA)>

<!ELEMENT status-route-record-count (#PCDATA)>

<!ELEMENT status-service-id (#PCDATA)>

<!ELEMENT tcp-flags (#PCDATA)>

<!ELEMENT time-delta (#PCDATA)>
<ATTLIST time-delta junos:seconds CDATA #IMPLIED>

<!ELEMENT top-label-address (#PCDATA)>

<!ELEMENT tos (#PCDATA)>

<!ELEMENT uptime (#PCDATA)>

<!ELEMENT usage-information (interface-name | uptime | inttime | five-second-load
| one-minute-load)*>
```

```
<!ELEMENT v9-error-information (interface-name | service-set-dropped |  
active-timeout-failures | export-packet-failures | flow-creation-failures |  
memory-overload)*>
```

```
<!ELEMENT v9-memory-used (#PCDATA)>
```


DTD for Services Flow Collector Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-services-flow-collector.dtd`, which lists the Junos XML tags that contain information about services flow collector. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-services-flow-collector.dtd -->

<!ELEMENT block-count (#PCDATA)>

<!ELEMENT blocks-allocated (#PCDATA)>

<!ELEMENT blocks-allocated-per-second (#PCDATA)>

<!ELEMENT blocks-freed (#PCDATA)>

<!ELEMENT blocks-freed-per-second (#PCDATA)>

<!ELEMENT blocks-unavailable (#PCDATA)>

<!ELEMENT blocks-unavailable-per-second (#PCDATA)>

<!ELEMENT bytes (#PCDATA)>

<!ELEMENT bytes-per-second (#PCDATA)>

<!ELEMENT clear-flow-collector-statistics-response (#PCDATA)>

<!ELEMENT compressed-block-count (#PCDATA)>

<!ELEMENT compressed-bytes (#PCDATA)>

<!ELEMENT compressed-bytes-per-second (#PCDATA)>

<!ELEMENT current-server (#PCDATA)>

<!ELEMENT export-channel (export-channel-index | current-server |
primary-server-state | secondary-server-state)*>

<!ELEMENT export-channel-index (#PCDATA)>
```

```
<!ELEMENT file (file-name | flow-records | flow-records-per-second |
peak-flow-records-per-second | uncompressed-bytes | uncompressed-bytes-per-second
| peak-uncompressed-bytes-per-second | compressed-bytes |
compressed-bytes-per-second | peak-compressed-bytes-per-second |
compressed-block-count | block-count | state | transfer-attempts)*>

<!ELEMENT file-information (file)*>
<!ATTLIST file-information junos:style CDATA #IMPLIED>

<!ELEMENT file-name (#PCDATA)>

<!ELEMENT files-created (#PCDATA)>

<!ELEMENT files-created-per-second (#PCDATA)>

<!ELEMENT files-destroyed (#PCDATA)>

<!ELEMENT files-destroyed-per-second (#PCDATA)>

<!ELEMENT files-exported (#PCDATA)>

<!ELEMENT files-exported-per-second (#PCDATA)>

<!ELEMENT flow-collector-destination-response (#PCDATA)>

<!ELEMENT flow-record-processed (#PCDATA)>

<!ELEMENT flow-record-processed-per-second (#PCDATA)>

<!ELEMENT flow-records (#PCDATA)>

<!ELEMENT flow-records-per-second (#PCDATA)>

<!ELEMENT ftp-bytes (#PCDATA)>

<!ELEMENT ftp-bytes-per-second (#PCDATA)>

<!ELEMENT ftp-failures (#PCDATA)>

<!ELEMENT ftp-files (#PCDATA)>

<!ELEMENT ftp-files-per-second (#PCDATA)>

<!ELEMENT input (input-interface | packets | bytes)*>

<!ELEMENT input-information (input)*>

<!ELEMENT input-interface (#PCDATA)>

<!ELEMENT interface-name (#PCDATA)>

<!ELEMENT memory-free (#PCDATA)>

<!ELEMENT memory-used (#PCDATA)>

<!ELEMENT packet-icmp-drops (#PCDATA)>

<!ELEMENT packet-ip-fragment-drops (#PCDATA)>

<!ELEMENT packet-no-memory-drops (#PCDATA)>
```



```

<!ELEMENT packet-not-ip-drops (#PCDATA)>

<!ELEMENT packet-not-ipv4-drops (#PCDATA)>

<!ELEMENT packet-not-jflow-drops (#PCDATA)>

<!ELEMENT packet-tcp-drops (#PCDATA)>

<!ELEMENT packet-too-small-drops (#PCDATA)>

<!ELEMENT packet-unknown-drops (#PCDATA)>

<!ELEMENT packets (#PCDATA)>

<!ELEMENT packets-per-second (#PCDATA)>

<!ELEMENT peak-blocks-allocated-per-second (#PCDATA)>

<!ELEMENT peak-blocks-freed-per-second (#PCDATA)>

<!ELEMENT peak-blocks-unavailable-per-second (#PCDATA)>

<!ELEMENT peak-bytes-per-second (#PCDATA)>

<!ELEMENT peak-compressed-bytes-per-second (#PCDATA)>

<!ELEMENT peak-files-created-per-second (#PCDATA)>

<!ELEMENT peak-files-destroyed-per-second (#PCDATA)>

<!ELEMENT peak-files-exported-per-second (#PCDATA)>

<!ELEMENT peak-flow-record-processed-per-second (#PCDATA)>

<!ELEMENT peak-flow-records-per-second (#PCDATA)>

<!ELEMENT peak-ftp-bytes-per-second (#PCDATA)>

<!ELEMENT peak-ftp-files-per-second (#PCDATA)>

<!ELEMENT peak-packets-per-second (#PCDATA)>

<!ELEMENT peak-uncompressed-bytes-per-second (#PCDATA)>

<!ELEMENT pic-status (#PCDATA)>

<!ELEMENT primary-server-state (#PCDATA)>

<!ELEMENT secondary-server-state (#PCDATA)>

<!ELEMENT services-flow-collector-information (interface-name | pic-status |
statistics-information | file-information | input-information |
flow-collector-destination-response | test-file-transfer-response |
clear-flow-collector-statistics-response)*>

<!ELEMENT state (#PCDATA)>

<!ELEMENT statistics-information (memory-used | memory-free | packets |
packets-per-second | peak-packets-per-second | bytes | bytes-per-second |
peak-bytes-per-second | flow-record-processed | flow-record-processed-per-second
| peak-flow-record-processed-per-second | blocks-allocated |

```

```
blocks-allocated-per-second | peak-blocks-allocated-per-second | blocks-freed |  
blocks-freed-per-second | peak-blocks-freed-per-second | blocks-unavailable |  
blocks-unavailable-per-second | peak-blocks-unavailable-per-second | files-created  
| files-created-per-second | peak-files-created-per-second | files-exported |  
files-exported-per-second | peak-files-exported-per-second | files-destroyed |  
files-destroyed-per-second | peak-files-destroyed-per-second | uncompressed-bytes  
| uncompressed-bytes-per-second | peak-uncompressed-bytes-per-second |  
compressed-bytes | compressed-bytes-per-second | peak-compressed-bytes-per-second  
| packet-no-memory-drops | packet-not-ip-drops | packet-not-ipv4-drops |  
packet-too-small-drops | packet-ip-fragment-drops | packet-icmp-drops |  
packet-tcp-drops | packet-unknown-drops | packet-not-jflow-drops | ftp-bytes |  
ftp-bytes-per-second | peak-ftp-bytes-per-second | ftp-files | ftp-files-per-second  
| peak-ftp-files-per-second | ftp-failures | export-channel)*>  
<!ATTLIST statistics-information junos:style CDATA #IMPLIED>  
  
<!ELEMENT test-file-transfer-response (#PCDATA)>  
  
<!ELEMENT transfer-attempts (#PCDATA)>  
  
<!ELEMENT uncompressed-bytes (#PCDATA)>  
  
<!ELEMENT uncompressed-bytes-per-second (#PCDATA)>
```

CHAPTER 80

DTD for Shared Memory Event Library Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-shmlog.dtd`, which lists the Junos XML tags that contain information about shared memory events. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-shmlog.dtd -->

<!ELEMENT shmlog-information (user-information)*>

<!ELEMENT user-information (#PCDATA)>
```


CHAPTER 81

DTD for Shutdown Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-shutdown.dtd`, which lists the Junos XML tags that contain information about routing platform shutdown. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-shutdown.dtd -->

<!ELEMENT clear-reboot-status (reboot-information-results |
clear-reboot-status-results)*>

<!ELEMENT clear-reboot-status-results (#PCDATA)>

<!ELEMENT reboot-information (reboot-information-results)*>

<!ELEMENT reboot-information-results (#PCDATA)>

<!ELEMENT request-reboot-results (request-reboot-status)*>

<!ELEMENT request-reboot-status (#PCDATA)>
<!ATTLIST request-reboot-status reboot-time CDATA #IMPLIED>
```


DTD for Server Load Balancer Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-slbd.dtd`, which lists the Junos XML tags that contain information about server load balancer. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-slbd.dtd -->

<!ELEMENT hash-table-information (slb-hash-information)*>
<!ATTLIST hash-table-information junos:style CDATA #IMPLIED>

<!ELEMENT health-monitor-information (slb-hm-information)*>
<!ATTLIST health-monitor-information junos:style CDATA #IMPLIED>

<!ELEMENT health-monitor-statistics-information (slb-hm-statistics)*>
<!ATTLIST health-monitor-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT real-server-information (slb-rs-information)*>
<!ATTLIST real-server-information junos:style CDATA #IMPLIED>

<!ELEMENT real-server-statistics-information (slb-rs-statistics)*>
<!ATTLIST real-server-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT slb-hash-hits (#PCDATA)>

<!ELEMENT slb-hash-hits-total (#PCDATA)>

<!ELEMENT slb-hash-index (#PCDATA)>

<!ELEMENT slb-hash-information (slb-vs-servername | slb-spu-slot | slb-spu-pic |
  slb-hash-index | slb-rs-servername | slb-hash-hits | slb-hash-rs-servername |
  slb-hash-keys-total | slb-hash-hits-total)*>

<!ELEMENT slb-hash-keys-total (#PCDATA)>

<!ELEMENT slb-hash-rs-servername (#PCDATA)>

<!ELEMENT slb-hm-information (slb-hm-rulename | slb-hm-protocol | slb-hm-port |
  slb-hm-timeout | slb-hm-itvl-down | slb-hm-itvl-up | slb-hm-max-retry |
  slb-hm-rs-count | slb-rs-servername | slb-rs-hm-state | slb-spu-slot |
  slb-spu-pic)*>
```

```
<!ELEMENT slb-hm-itvl-down (#PCDATA)>

<!ELEMENT slb-hm-itvl-up (#PCDATA)>

<!ELEMENT slb-hm-max-retry (#PCDATA)>

<!ELEMENT slb-hm-packet-rx-err (#PCDATA)>

<!ELEMENT slb-hm-packet-rx-ok (#PCDATA)>

<!ELEMENT slb-hm-packet-tx-err (#PCDATA)>

<!ELEMENT slb-hm-packet-tx-ok (#PCDATA)>

<!ELEMENT slb-hm-port (#PCDATA)>

<!ELEMENT slb-hm-probe-down (#PCDATA)>

<!ELEMENT slb-hm-probe-tx-err (#PCDATA)>

<!ELEMENT slb-hm-probe-tx-ok (#PCDATA)>

<!ELEMENT slb-hm-probe-up (#PCDATA)>

<!ELEMENT slb-hm-protocol (#PCDATA)>

<!ELEMENT slb-hm-rs-count (#PCDATA)>

<!ELEMENT slb-hm-rulename (#PCDATA)>

<!ELEMENT slb-hm-statistics (slb-hm-rulename | slb-rs-servername | slb-spu-slot
| slb-spu-pic | slb-rs-probe-state | slb-hm-probe-up | slb-hm-probe-down |
slb-hm-probe-tx-ok | slb-hm-probe-tx-err | slb-hm-packet-tx-ok |
slb-hm-packet-tx-err | slb-hm-packet-rx-ok | slb-hm-packet-rx-err)*>

<!ELEMENT slb-hm-timeout (#PCDATA)>

<!ELEMENT slb-routing-instance (#PCDATA)>

<!ELEMENT slb-rs-active-conn (#PCDATA)>

<!ELEMENT slb-rs-admin-state (#PCDATA)>

<!ELEMENT slb-rs-byte-rate (#PCDATA)>

<!ELEMENT slb-rs-bytes (#PCDATA)>

<!ELEMENT slb-rs-conn-rate (#PCDATA)>

<!ELEMENT slb-rs-cur-conn-limit (#PCDATA)>

<!ELEMENT slb-rs-hm-state (#PCDATA)>

<!ELEMENT slb-rs-information (slb-rs-servername | slb-rs-ip | slb-rs-protocol |
slb-rs-port | slb-rs-weight | slb-rs-admin-state | slb-rs-hm-state |
slb-rs-ramp-up-time | slb-rs-cur-conn-limit | slb-rs-max-conn-limit |
slb-rs-min-conn-limit | slb-routing-instance | slb-hm-rulename | slb-spu-slot |
slb-spu-pic)*>

<!ELEMENT slb-rs-ip (#PCDATA)>
```



```

<!ELEMENT slb-rs-max-conn-limit (#PCDATA)>

<!ELEMENT slb-rs-min-conn-limit (#PCDATA)>

<!ELEMENT slb-rs-pkt-rate (#PCDATA)>

<!ELEMENT slb-rs-pkts (#PCDATA)>

<!ELEMENT slb-rs-port (#PCDATA)>

<!ELEMENT slb-rs-probe-state (#PCDATA)>

<!ELEMENT slb-rs-protocol (#PCDATA)>

<!ELEMENT slb-rs-ramp-up-time (#PCDATA)>

<!ELEMENT slb-rs-servername (#PCDATA)>

<!ELEMENT slb-rs-spu-active-conn (#PCDATA)>

<!ELEMENT slb-rs-spu-bytes (#PCDATA)>

<!ELEMENT slb-rs-spu-pkts (#PCDATA)>

<!ELEMENT slb-rs-spu-total-conn (#PCDATA)>

<!ELEMENT slb-rs-statistics (slb-rs-servername | slb-rs-total-conn |
slb-rs-active-conn | slb-rs-conn-rate | slb-rs-pkts | slb-rs-pkt-rate |
slb-rs-bytes | slb-rs-byte-rate | slb-rs-spu-total-conn | slb-rs-spu-active-conn
| slb-rs-spu-pkts | slb-rs-spu-bytes | slb-spu-slot | slb-spu-pic |
slb-rs-probe-state | slb-hm-probe-up | slb-hm-probe-down | slb-hm-probe-tx-ok |
slb-hm-probe-tx-err | slb-hm-packet-tx-ok | slb-hm-packet-tx-err |
slb-hm-packet-rx-ok | slb-hm-packet-rx-err)*>

<!ELEMENT slb-rs-total-conn (#PCDATA)>

<!ELEMENT slb-rs-weight (#PCDATA)>

<!ELEMENT slb-spu-pic (#PCDATA)>

<!ELEMENT slb-spu-slot (#PCDATA)>

<!ELEMENT slb-sticky-hits (#PCDATA)>

<!ELEMENT slb-sticky-hits-total (#PCDATA)>

<!ELEMENT slb-sticky-index (#PCDATA)>

<!ELEMENT slb-sticky-information (slb-vs-servername | slb-spu-slot | slb-spu-pic
| slb-sticky-index | slb-sticky-key | slb-rs-servername | slb-sticky-hits |
slb-sticky-ttl | slb-sticky-rs-servername | slb-sticky-keys-total |
slb-sticky-hits-total)*>

<!ELEMENT slb-sticky-key (#PCDATA)>

<!ELEMENT slb-sticky-keys-total (#PCDATA)>

<!ELEMENT slb-sticky-rs-servername (#PCDATA)>

<!ELEMENT slb-sticky-ttl (#PCDATA)>

```

```
<!ELEMENT slb-vs-active-conn (#PCDATA)>

<!ELEMENT slb-vs-admin-state (#PCDATA)>

<!ELEMENT slb-vs-algorithm (#PCDATA)>

<!ELEMENT slb-vs-byte-rate (#PCDATA)>

<!ELEMENT slb-vs-bytes (#PCDATA)>

<!ELEMENT slb-vs-conn-rate (#PCDATA)>

<!ELEMENT slb-vs-dropped-conn (#PCDATA)>

<!ELEMENT slb-vs-hash-replica (#PCDATA)>

<!ELEMENT slb-vs-hash-table-mask (#PCDATA)>

<!ELEMENT slb-vs-information (slb-vs-servername | slb-vs-ip | slb-vs-protocol |
slb-vs-port | slb-vs-algorithm | slb-vs-ssl-offload | slb-vs-realservers-num |
slb-vs-mss | slb-vs-sack-permitted | slb-vs-wind-scale | slb-vs-nat-mode |
slb-vs-sticky-mode | slb-vs-sticky-timeout | slb-vs-hash-replica |
slb-vs-hash-table-mask | slb-routing-instance | slb-vs-admin-state |
slb-vs-op-state | slb-rs-servername | slb-rs-ip | slb-rs-protocol | slb-rs-port
| slb-rs-weight | slb-rs-admin-state | slb-rs-hm-state)*>

<!ELEMENT slb-vs-ip (#PCDATA)>

<!ELEMENT slb-vs-mss (#PCDATA)>

<!ELEMENT slb-vs-nat-mode (#PCDATA)>

<!ELEMENT slb-vs-op-state (#PCDATA)>

<!ELEMENT slb-vs-pkt-rate (#PCDATA)>

<!ELEMENT slb-vs-pkts (#PCDATA)>

<!ELEMENT slb-vs-port (#PCDATA)>

<!ELEMENT slb-vs-protocol (#PCDATA)>

<!ELEMENT slb-vs-realservers-num (#PCDATA)>

<!ELEMENT slb-vs-sack-permitted (#PCDATA)>

<!ELEMENT slb-vs-servername (#PCDATA)>

<!ELEMENT slb-vs-spu-active-conn (#PCDATA)>

<!ELEMENT slb-vs-spu-bytes (#PCDATA)>

<!ELEMENT slb-vs-spu-drop-misc (#PCDATA)>

<!ELEMENT slb-vs-spu-drop-no-mem (#PCDATA)>

<!ELEMENT slb-vs-spu-drop-no-nh (#PCDATA)>

<!ELEMENT slb-vs-spu-drop-no-rs (#PCDATA)>
```

```
<!ELEMENT slb-vs-spu-drop-vs-down (#PCDATA)>

<!ELEMENT slb-vs-spu-pkts (#PCDATA)>

<!ELEMENT slb-vs-spu-total-conn (#PCDATA)>

<!ELEMENT slb-vs-ssl-offload (#PCDATA)>

<!ELEMENT slb-vs-statistics (slb-vs-servername | slb-vs-total-conn |
slb-vs-active-conn | slb-vs-dropped-conn | slb-vs-conn-rate | slb-vs-pkts |
slb-vs-pkt-rate | slb-vs-bytes | slb-vs-byte-rate | slb-vs-spu-total-conn |
slb-vs-spu-active-conn | slb-vs-spu-pkts | slb-vs-spu-bytes |
slb-vs-spu-drop-vs-down | slb-vs-spu-drop-no-rs | slb-vs-spu-drop-no-nh |
slb-vs-spu-drop-no-mem | slb-vs-spu-drop-misc | slb-spu-slot | slb-spu-pic)*>

<!ELEMENT slb-vs-sticky-mode (#PCDATA)>

<!ELEMENT slb-vs-sticky-timeout (#PCDATA)>

<!ELEMENT slb-vs-total-conn (#PCDATA)>

<!ELEMENT slb-vs-wind-scale (#PCDATA)>

<!ELEMENT sticky-table-information (slb-sticky-information)*>
<!ATTLIST sticky-table-information junos:style CDATA #IMPLIED>

<!ELEMENT virtual-server-information (slb-vs-information)*>
<!ATTLIST virtual-server-information junos:style CDATA #IMPLIED>

<!ELEMENT virtual-server-statistics-information (slb-vs-statistics)*>
<!ATTLIST virtual-server-statistics-information junos:style CDATA #IMPLIED>
```


DTD for SMPL Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-smpl.dtd`, which lists the Junos XML tags that contain information about SMPL. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-smpl.dtd -->

<!ELEMENT smpl-instance-id (#PCDATA)>

<!ELEMENT smpl-instance-input-maximum-packet-length (#PCDATA)>

<!ELEMENT smpl-instance-input-rate (#PCDATA)>

<!ELEMENT smpl-instance-input-run-length (#PCDATA)>

<!ELEMENT smpl-instance-name (#PCDATA)>

<!ELEMENT smpl-instance-nhid-header (#PCDATA)>

<!ELEMENT smpl-instance-state (#PCDATA)>

<!ELEMENT smpl-next-hop-group (smpl-nhgroup)*>

<!ELEMENT smpl-nexthop-index (#PCDATA)>

<!ELEMENT smpl-nhgroup (smpl-nhgroup-member-list | smpl-nhgroup-subgroup |
smpl-nhgroup-name | smpl-nhgroup-type | smpl-nhgroup-state |
smpl-nhgroup-nhid-header | smpl-nhgroup-num-members-configured |
smpl-nhgroup-num-members-up | smpl-nhgroup-subgroups-configured |
smpl-nhgroup-subgroups-up)*>
<!ATTLIST smpl-nhgroup junos:style CDATA #IMPLIED>

<!ELEMENT smpl-nhgroup-member-interface (#PCDATA)>

<!ELEMENT smpl-nhgroup-member-list (smpl-nhgroup-member-interface |
smpl-nhgroup-nexthop-address | smpl-nhgroup-nexthop-state | smpl-nexthop-index)*>

<!ELEMENT smpl-nhgroup-name (#PCDATA)>

<!ELEMENT smpl-nhgroup-nexthop-address (#PCDATA)>

<!ELEMENT smpl-nhgroup-nexthop-state (#PCDATA)>
```

```
<!ELEMENT smpl-nhgroup-nhid-header (#PCDATA)>

<!ELEMENT smpl-nhgroup-num-members-configured (#PCDATA)>

<!ELEMENT smpl-nhgroup-num-members-up (#PCDATA)>

<!ELEMENT smpl-nhgroup-state (#PCDATA)>

<!ELEMENT smpl-nhgroup-subgroup (smpl-nhgroup-name | smpl-nhgroup-state |
smpl-nhgroup-nexthop-state | smpl-nexthop-index | smpl-nhgroup-nhid-header |
smpl-subgroup-num-members-configured | smpl-subgroup-num-members-up |
smpl-subgroup-member-list)*>

<!ELEMENT smpl-nhgroup-subgroups-configured (#PCDATA)>

<!ELEMENT smpl-nhgroup-subgroups-up (#PCDATA)>

<!ELEMENT smpl-nhgroup-type (#PCDATA)>

<!ELEMENT smpl-output-family-destination (#PCDATA)>

<!ELEMENT smpl-output-family-name (#PCDATA)>

<!ELEMENT smpl-output-family-state (#PCDATA)>

<!ELEMENT smpl-port-mirror-output-family-list (smpl-output-family-name |
smpl-output-family-state | smpl-output-family-destination | smpl-nexthop-index |
smpl-nhgroup-member-list)*>

<!ELEMENT smpl-port-mirroring (smpl-port-mirroring-instance)*>

<!ELEMENT smpl-port-mirroring-instance (smpl-port-mirror-output-family-list |
smpl-instance-name | smpl-instance-state | smpl-instance-id |
smpl-instance-input-rate | smpl-instance-input-run-length |
smpl-instance-input-maximum-packet-length | smpl-instance-nhid-header)*>
<!-- smpl-port-mirroring-instance junos:style CDATA #IMPLIED -->

<!ELEMENT smpl-subgroup-member-list (smpl-nhgroup-member-interface |
smpl-nhgroup-nexthop-address | smpl-nhgroup-nexthop-state | smpl-nexthop-index)*>

<!ELEMENT smpl-subgroup-num-members-configured (#PCDATA)>

<!ELEMENT smpl-subgroup-num-members-up (#PCDATA)>
```

CHAPTER 84

DTD for SNMP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-snmp.dtd`, which lists the Junos XML tags that contain information about SNMP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->  
<!-- All rights reserved. -->  
<!-- junos-snmp.dtd -->
```

```
<!ELEMENT address (#PCDATA)>
```

```
<!ELEMENT alarm-creator (#PCDATA)>
```

```
<!ELEMENT alarm-index (#PCDATA)>
```

```
<!ELEMENT alarm-interval (#PCDATA)>
```

```
<!ELEMENT alarm-owner (#PCDATA)>
```

```
<!ELEMENT alarm-state (#PCDATA)>
```

```
<!ELEMENT alarm-subtag (#PCDATA)>
```

```
<!ELEMENT alarm-value (#PCDATA)>
```

```
<!ELEMENT asn-parse-errors (#PCDATA)>
```

```
<!ELEMENT auth-type (#PCDATA)>
```

```
<!ELEMENT bad-community-names (#PCDATA)>
```

```
<!ELEMENT bad-community-uses (#PCDATA)>
```

```
<!ELEMENT bad-values (#PCDATA)>
```

```
<!ELEMENT bad-versions (#PCDATA)>
```

```
<!ELEMENT commit-pending-drops (#PCDATA)>
```

```
<!ELEMENT community (#PCDATA)>
```

```
<!ELEMENT community-index (#PCDATA)>
```

```
<!ELEMENT context-match (#PCDATA)>
```

```
<!ELEMENT context-name (#PCDATA)>
<!ELEMENT context-prefix (#PCDATA)>
<!ELEMENT current-queued (#PCDATA)>
<!ELEMENT current-throttled (#PCDATA)>
<!ELEMENT currently-active (#PCDATA)>
<!ELEMENT decrypt-errors (#PCDATA)>
<!ELEMENT duplicate-request-drops (#PCDATA)>
<!ELEMENT engine-boots (#PCDATA)>
<!ELEMENT engine-id (#PCDATA)>
<!ELEMENT engine-time (#PCDATA)>
<!ELEMENT error (#PCDATA)>
<!ELEMENT event-creator (#PCDATA)>
<!ELEMENT event-descr (#PCDATA)>
<!ELEMENT event-index (#PCDATA)>
<!ELEMENT event-owner (#PCDATA)>
<!ELEMENT event-state (#PCDATA)>
<!ELEMENT event-type (#PCDATA)>
<!ELEMENT falling-event-index (#PCDATA)>
<!ELEMENT falling-threshold (#PCDATA)>
<!ELEMENT filter-name (#PCDATA)>
<!ELEMENT filter-type (#PCDATA)>
<!ELEMENT general-errors (#PCDATA)>
<!ELEMENT get-nexts (#PCDATA)>
<!ELEMENT get-requests (#PCDATA)>
<!ELEMENT get-responses (#PCDATA)>
<!ELEMENT group-deregisters (#PCDATA)>
<!ELEMENT group-name (#PCDATA)>
<!ELEMENT group-registers (#PCDATA)>
<!ELEMENT group-removes (#PCDATA)>
<!ELEMENT health-monitor-information (rmon-alarm-information | rmon-log-information
| rmon-history-information)*>
```



```
<!ELEMENT history-index (#PCDATA)>

<!ELEMENT history-interface (#PCDATA)>

<!ELEMENT history-interval (#PCDATA)>

<!ELEMENT history-owner (#PCDATA)>

<!ELEMENT history-requested-buckets (#PCDATA)>

<!ELEMENT history-sample (history-sample-index | history-sample-start-time |
history-sample-drop-events | history-sample-octect | history-sample-packets |
history-sample-broadcast-packets | history-sample-multicast-packets |
history-sample-crc-errors | history-sample-undersize-packets |
history-sample-oversize-packets | history-sample-fragments | history-sample-jabbers
| history-sample-collisions | history-sample-utilization)*>

<!ELEMENT history-sample-broadcast-packets (#PCDATA)>

<!ELEMENT history-sample-collisions (#PCDATA)>

<!ELEMENT history-sample-crc-errors (#PCDATA)>

<!ELEMENT history-sample-drop-events (#PCDATA)>

<!ELEMENT history-sample-fragments (#PCDATA)>

<!ELEMENT history-sample-index (#PCDATA)>

<!ELEMENT history-sample-jabbers (#PCDATA)>

<!ELEMENT history-sample-multicast-packets (#PCDATA)>

<!ELEMENT history-sample-octect (#PCDATA)>

<!ELEMENT history-sample-oversize-packets (#PCDATA)>

<!ELEMENT history-sample-packets (#PCDATA)>

<!ELEMENT history-sample-start-time (#PCDATA)>

<!ELEMENT history-sample-undersize-packets (#PCDATA)>

<!ELEMENT history-sample-utilization (#PCDATA)>

<!ELEMENT history-status (#PCDATA)>

<!ELEMENT index (index-name | index-value)*>

<!ELEMENT index-name (#PCDATA)>

<!ELEMENT index-value (#PCDATA)>

<!ELEMENT inst-description (#PCDATA)>

<!ELEMENT inst-state (#PCDATA)>

<!ELEMENT inst-value (#PCDATA)>

<!ELEMENT inst-var-name (#PCDATA)>
```

```
<!ELEMENT invalid-msgs (#PCDATA)>

<!ELEMENT last-time-sent (#PCDATA)>
<!ATTLIST last-time-sent junos:seconds CDATA #IMPLIED>

<!ELEMENT max-active (#PCDATA)>

<!ELEMENT max-latency (#PCDATA)>

<!ELEMENT max-msg-size (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT no-such-names (#PCDATA)>

<!ELEMENT not-found (#PCDATA)>

<!ELEMENT not-in-timewindows (#PCDATA)>

<!ELEMENT notify-filter-name (#PCDATA)>

<!ELEMENT notify-name (#PCDATA)>

<!ELEMENT notify-tag (#PCDATA)>

<!ELEMENT notify-type (#PCDATA)>

<!ELEMENT notify-view (#PCDATA)>

<!ELEMENT nvs-commit-failures (#PCDATA)>

<!ELEMENT nvs-commit-pending (#PCDATA)>

<!ELEMENT nvs-conflock-failures (#PCDATA)>

<!ELEMENT nvs-journal-write-failures (#PCDATA)>

<!ELEMENT nvs-mgd-connect-failures (#PCDATA)>

<!ELEMENT nvs-rpc-mgd-failures (#PCDATA)>

<!ELEMENT object-value (#PCDATA)>

<!ELEMENT object-value-type (#PCDATA)>

<!ELEMENT oid (#PCDATA)>

<!ELEMENT packets (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT priv-type (#PCDATA)>

<!ELEMENT proxy-drops (#PCDATA)>

<!ELEMENT read-onlys (#PCDATA)>

<!ELEMENT read-view (#PCDATA)>

<!ELEMENT rising-event-index (#PCDATA)>
```

```

<!ELEMENT rising-threshold (#PCDATA)>

<!ELEMENT rmon-alarm (alarm-index | var-name | var-oid | sample-type | alarm-value
| startup | alarm-interval | rising-threshold | falling-threshold |
rising-event-index | falling-event-index | alarm-owner | alarm-subtag |
alarm-creator | alarm-state | rmon-alarm-instance-information)*>

<!ELEMENT rmon-alarm-information (rmon-alarm)*>
<!ATTLIST rmon-alarm-information junos:style CDATA #IMPLIED>

<!ELEMENT rmon-alarm-instance (inst-var-name | inst-description | inst-value |
inst-state)*>

<!ELEMENT rmon-alarm-instance-information (rmon-alarm-instance)*>

<!ELEMENT rmon-event (event-index | event-descr | event-type | community |
last-time-sent | event-owner | event-creator | event-state)*>

<!ELEMENT rmon-event-information (rmon-event)*>
<!ATTLIST rmon-event-information junos:style CDATA #IMPLIED>

<!ELEMENT rmon-history (history-index | history-interface |
history-requested-buckets | history-interval | history-owner | history-status)*>

<!ELEMENT rmon-history-information (rmon-history | history-sample)*>

<!ELEMENT rmon-information (rmon-alarm-information | rmon-event-information |
rmon-history-information)*>

<!ELEMENT rmon-log (rmon-log-event-index | rmon-log-index | rmon-log-descr |
rmon-log-time)*>

<!ELEMENT rmon-log-descr (#PCDATA)>

<!ELEMENT rmon-log-event-index (#PCDATA)>

<!ELEMENT rmon-log-index (#PCDATA)>

<!ELEMENT rmon-log-information (rmon-log)*>

<!ELEMENT rmon-log-time (#PCDATA)>
<!ATTLIST rmon-log-time junos:seconds CDATA #IMPLIED>

<!ELEMENT row-status (#PCDATA)>

<!ELEMENT sample-type (#PCDATA)>

<!ELEMENT security-level (#PCDATA)>

<!ELEMENT security-model (#PCDATA)>

<!ELEMENT security-name (#PCDATA)>

<!ELEMENT set-requests (#PCDATA)>

<!ELEMENT silent-drops (#PCDATA)>

<!ELEMENT snmp-generate-trap-result (#PCDATA)>

<!ELEMENT snmp-generate-trap-results (snmp-generate-trap-result)*>

```

```
<!ELEMENT snmp-input-statistics (packets | bad-versions | bad-community-names |
bad-community-uses | asn-parse-errors | too-bigs | no-such-names | bad-values |
read-onlys | general-errors | total-request-varbinds | total-set-varbinds |
get-requests | get-nexts | set-requests | get-responses | traps | silent-drops |
proxy-drops | throttle-drops | commit-pending-drops | duplicate-request-drops)*>

<!ELEMENT snmp-object (name | index | oid | object-value | object-value-type |
error)*>

<!ELEMENT snmp-object-information (snmp-object | snmp-request-error)*>

<!ELEMENT snmp-output-statistics (packets | too-bigs | no-such-names | bad-values
| general-errors | get-requests | get-nexts | set-requests | get-responses |
traps)*>

<!ELEMENT snmp-req-error-value (#PCDATA)>

<!ELEMENT snmp-request-error (snmp-req-error-value)*>

<!ELEMENT snmp-set-stats (nvs-commit-pending | nvs-conflock-failures |
nvs-rpc-mgd-failures | nvs-journal-write-failures | nvs-mgd-connect-failures |
nvs-commit-failures)*>

<!ELEMENT snmp-spoof-trap-result (#PCDATA)>

<!ELEMENT snmp-spoof-trap-results (snmp-spoof-trap-result | snmp-spoofable-traps)*>

<!ELEMENT snmp-spoofable-traps (#PCDATA)>

<!ELEMENT snmp-statistics (snmp-input-statistics | snmp-v3-input-statistics |
snmp-output-statistics | sub-agent-control-blocks | sub-agent-registration |
trap-queue-stats | trap-throttle-stats | snmp-set-stats)*>

<!ELEMENT snmp-v3-access (group-name | context-prefix | security-model |
security-level | context-match | read-view | write-view | notify-view |
storage-type | row-status)*>

<!ELEMENT snmp-v3-access-information (snmp-v3-access)*>
<ATTLIST snmp-v3-access-information junos:style CDATA #IMPLIED>

<!ELEMENT snmp-v3-community (community-index | security-name | context-name |
transport-tag | storage-type | row-status)*>

<!ELEMENT snmp-v3-community-information (snmp-v3-community)*>

<!ELEMENT snmp-v3-engine-information (engine-id | engine-boots | engine-time |
max-msg-size)*>

<!ELEMENT snmp-v3-general-information (snmp-v3-engine-information)*>

<!ELEMENT snmp-v3-group (group-name | security-model | security-name | storage-type
| row-status)*>

<!ELEMENT snmp-v3-group-information (snmp-v3-group)*>

<!ELEMENT snmp-v3-information (snmp-v3-general-information |
snmp-v3-usm-user-information | snmp-v3-group-information |
snmp-v3-access-information | snmp-v3-target-information |
snmp-v3-notify-information | snmp-v3-notify-filter-information |
snmp-v3-community-information)*>
```

```

<!ELEMENT snmp-v3-input-statistics (unknown-secmodels | invalid-msgs |
unknown-pduhandlers | unavail-contexts | unknown-contexts | unsupported-secllevels
| not-in-timewindows | unknown-usernames | unknown-eids | wrong-digests |
decrypt-errors)*>

<!ELEMENT snmp-v3-notify (notify-name | notify-tag | notify-type | storage-type
| row-status)*>

<!ELEMENT snmp-v3-notify-filter (filter-name | subtree | filter-type | storage-type
| row-status)*>

<!ELEMENT snmp-v3-notify-filter-information (snmp-v3-notify-filter)*>

<!ELEMENT snmp-v3-notify-information (snmp-v3-notify)*>

<!ELEMENT snmp-v3-target-address-information (snmp-v3-target_address)*>

<!ELEMENT snmp-v3-target-information (snmp-v3-target-address-information |
snmp-v3-target-parameters-information)*>

<!ELEMENT snmp-v3-target-parameters-information (snmp-v3-target_parameters)*>

<!ELEMENT snmp-v3-target_address (target-address-name | address | port |
target-parameters-name | storage-type | row-status)*>

<!ELEMENT snmp-v3-target_parameters (target-parameters-name | security-name |
security-model | security-level | notify-filter-name | storage-type | row-status)*>

<!ELEMENT snmp-v3-usm-user (user-name | auth-type | priv-type | storage-type |
row-status)*>

<!ELEMENT snmp-v3-usm-user-engine-id (user-engine-id)*>

<!ELEMENT snmp-v3-usm-user-information (snmp-v3-usm-user-engine-id |
snmp-v3-usm-user)*>

<!ELEMENT startup (#PCDATA)>

<!ELEMENT storage-type (#PCDATA)>

<!ELEMENT sub-agent-control-blocks (total | currently-active | max-active |
not-found | timed-out | max-latency)*>

<!ELEMENT sub-agent-registration (group-registers | group-deregisters |
group-removes)*>

<!ELEMENT subtree (#PCDATA)>

<!ELEMENT target-address-name (#PCDATA)>

<!ELEMENT target-parameters-name (#PCDATA)>

<!ELEMENT throttle-drops (#PCDATA)>

<!ELEMENT timed-out (#PCDATA)>

<!ELEMENT too-bigs (#PCDATA)>

<!ELEMENT total (#PCDATA)>

```

```
<!ELEMENT total-discards (#PCDATA)>
<!ELEMENT total-overflows (#PCDATA)>
<!ELEMENT total-queued (#PCDATA)>
<!ELEMENT total-request-varbinds (#PCDATA)>
<!ELEMENT total-set-varbinds (#PCDATA)>
<!ELEMENT total-throttles (#PCDATA)>
<!ELEMENT transport-tag (#PCDATA)>
<!ELEMENT trap-queue-stats (current-queued | total-queued | total-discards |
total-overflows)*>
<!ELEMENT trap-throttle-stats (current-throttled | total-throttles)*>
<!ELEMENT traps (#PCDATA)>
<!ELEMENT unavail-contexts (#PCDATA)>
<!ELEMENT unknown-contexts (#PCDATA)>
<!ELEMENT unknown-eids (#PCDATA)>
<!ELEMENT unknown-pduhandlers (#PCDATA)>
<!ELEMENT unknown-secmodels (#PCDATA)>
<!ELEMENT unknown-usernames (#PCDATA)>
<!ELEMENT unsupported-seclevels (#PCDATA)>
<!ELEMENT user-engine-id (#PCDATA)>
<!ELEMENT user-name (#PCDATA)>
<!ELEMENT var-name (#PCDATA)>
<!ELEMENT var-oid (#PCDATA)>
<!ELEMENT write-view (#PCDATA)>
<!ELEMENT wrong-digests (#PCDATA)>
```

CHAPTER 85

DTD for Static Subscribers Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-static-subscribers.dtd`, which lists the Junos XML tags that contain information about static subscribers. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-static-subscribers.dtd -->

<!ELEMENT failure (#PCDATA)>

<!ELEMENT group (#PCDATA)>

<!ELEMENT interface (#PCDATA)>

<!ELEMENT results (success | failure)*>
<!-- ATTENTION: junos:style CDATA #IMPLIED -->

<!ELEMENT state (#PCDATA)>

<!ELEMENT static-subscribers-information (results | subscriber-session)*>

<!ELEMENT subscriber-session (username | interface | group | state)*>

<!ELEMENT success EMPTY>

<!ELEMENT username (#PCDATA)>
```


CHAPTER 86

DTD for Statistics Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-statistics.dtd`, which lists the Junos XML tags that contain information about Junos statistics. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-statistics.dtd -->

<!ELEMENT aborted (#PCDATA)>

<!ELEMENT ack-header-predictions (#PCDATA)>

<!ELEMENT acks-bytes (#PCDATA)>

<!ELEMENT acks-received (#PCDATA)>

<!ELEMENT acks-sent (#PCDATA)>

<!ELEMENT acks-sent-in-response-but-not-exact-rsts (#PCDATA)>

<!ELEMENT acks-sent-in-response-to-syns-on-established-connections (#PCDATA)>

<!ELEMENT acquire (#PCDATA)>

<!ELEMENT add (#PCDATA)>

<!ELEMENT address-fields-were-not-reasonable (#PCDATA)>

<!ELEMENT address-mask-reply (#PCDATA)>

<!ELEMENT address-mask-request (#PCDATA)>

<!ELEMENT address-scope (#PCDATA)>

<!ELEMENT address-unreachable (#PCDATA)>

<!ELEMENT administratively-prohibited (#PCDATA)>

<!ELEMENT after-tagging-packets-can-not-fit-link-mtu (#PCDATA)>

<!ELEMENT aging-acks-from-pfe (#PCDATA)>

<!ELEMENT aging-non-acks-from-pfe (#PCDATA)>
```

```
<!ELEMENT aging-requests-over-max-rate (#PCDATA)>

<!ELEMENT aging-requests-timed-out-waiting-on-fes (#PCDATA)>

<!ELEMENT ahnames-aes-xcbc-mac (#PCDATA)>

<!ELEMENT ahnames-hmac-md5 (#PCDATA)>

<!ELEMENT ahnames-hmac-ripemd160 (#PCDATA)>

<!ELEMENT ahnames-hmac-sha1 (#PCDATA)>

<!ELEMENT ahnames-hmac-sha2-256 (#PCDATA)>

<!ELEMENT ahnames-hmac-sha2-384 (#PCDATA)>

<!ELEMENT ahnames-hmac-sha2-512 (#PCDATA)>

<!ELEMENT ahnames-md5 (#PCDATA)>

<!ELEMENT ahnames-none (#PCDATA)>

<!ELEMENT ahnames-null (#PCDATA)>

<!ELEMENT ahnames-sha (#PCDATA)>

<!ELEMENT arp (datagrams-received | arp-requests-received | arp-replies-received
| resolution-request-received | unrestricted-proxy-requests |
restricted-proxy-requests | received-proxy-requests | proxy-requests-not-proxied
| restricted-proxy-requests-not-proxied | datagrams-with-bogus-interface |
datagrams-with-incorrect-length | datagrams-for-non-ip-protocol |
datagrams-with-unsupported-opcode | datagrams-with-bad-protocol-address-length |
datagrams-with-bad-hardware-address-length |
datagrams-with-multicast-source-address | datagrams-with-multicast-target-address
| datagrams-with-my-own-hardware-address |
datagrams-for-an-address-not-on-the-interface |
datagrams-with-a-broadcast-source-address |
datagrams-with-source-address-duplicate-to-me | datagrams-which-were-not-for-me
| packets-discarded-waiting-for-resolution |
packets-sent-after-waiting-for-resolution | arp-requests-sent | arp-replies-sent
| requests-for-memory-denied | requests-dropped-on-entry |
requests-dropped-during-retry | requests-dropped-due-to-interface-deletion |
requests-on-unnumbered-interfaces | new-requests-on-unnumbered-interfaces |
replies-from-unnumbered-interfaces |
requests-on-unnumbered-interface-with-non-subnetted-donor |
replies-from-unnumbered-interface-with-non-subnetted-donor)*>

<!ELEMENT arp-13-packets-received (#PCDATA)>

<!ELEMENT arp-replies-received (#PCDATA)>

<!ELEMENT arp-replies-sent (#PCDATA)>

<!ELEMENT arp-requests-received (#PCDATA)>

<!ELEMENT arp-requests-sent (#PCDATA)>

<!ELEMENT attempts (#PCDATA)>

<!ELEMENT bad-checksums (#PCDATA)>
```

```

<!ELEMENT bad-connection-attempts (#PCDATA)>

<!ELEMENT bad-header-checksums (#PCDATA)>

<!ELEMENT bad-version-packets (#PCDATA)>

<!ELEMENT badack (#PCDATA)>

<!ELEMENT beyond-scope (#PCDATA)>

<!ELEMENT blocked-ifl-discards (#PCDATA)>

<!ELEMENT bogus-address-in-aging-requests (#PCDATA)>

<!ELEMENT bridge (heading | bridge-packets-received | bridge-packets-forwarded |
  packets-failed-to-forward | bridge-packets-dropped |
  packets-with-vmember-lookup-failures | packets-with-vlan-lookup-failures |
  packets-with-stp-state-lookup-failures |
  packets-dropped-due-to-stp-blocked-or-listening |
  packets-dropped-due-to-stp-learning | packets-with-src-mac-learning-failures |
  packets-with-input-control-processing-failures | packets-sent-successfully |
  packets-with-send-failures | packets-forwarded-to-l3-interface |
  packets-with-l3-send-failures | packets-discarded |
  packets-with-l2-ifl-store-failures | packets-with-ifl-mismatch-failures |
  packets-with-packet-duplication-failures | packets-with-tag-lookup-failures |
  packets-with-no-route-for-dmac | packets-with-no-route-table |
  packets-with-no-nexthop | packets-with-dead-nexthop |
  packets-with-eof-reached-error | macs-learned | packets-sent-to-l3-interface |
  packets-hit-hold-queue-while-learning | mac-moves | packets-with-no-route-for-smac
  | packets-dropped-due-to-no-resolve-route | packets-with-l3-afd-lookup-failures
  | packets-with-l3-ifl-lookup-failures | packets-with-l3-invalid-rnh |
  packets-with-no-route-for-smac-in-clone-learning |
  packets-with-no-nexthop-in-clone-learning |
  packets-with-dead-nexthop-in-clone-learning |
  packets-dropped-due-to-no-resolve-nh-in-clone-learning |
  packets-dropped-due-to-interface-down | packets-with-dev-output-failures |
  blocked-ifl-discards | packets-with-tag-insertion-failures |
  packets-with-tag-removal-failures | packets-flooded | flood-failures |
  packets-with-mpull-failures | packets-with-ifl-lookup-failures |
  bridge-packets-with-size-smaller-than-minimum | packets-with-double-tags |
  packets-with-no-ifl | packets-with-no-family)*>

<!ELEMENT bridge-packets-dropped (#PCDATA)>

<!ELEMENT bridge-packets-forwarded (#PCDATA)>

<!ELEMENT bridge-packets-received (#PCDATA)>

<!ELEMENT bridge-packets-with-size-smaller-than-minimum (#PCDATA)>

<!ELEMENT broadcast-or-multicast-datagrams-dropped-due-to-no-socket (#PCDATA)>

<!ELEMENT broadcast-packets-received (#PCDATA)>

<!ELEMENT broadcast-packets-sent (#PCDATA)>

<!ELEMENT bucket-overflow (#PCDATA)>

<!ELEMENT byte-retransmits (#PCDATA)>

```

```
<!ELEMENT bytes (#PCDATA)>

<!ELEMENT bytes-sent-from-userland (#PCDATA)>

<!ELEMENT bytes-sent-to-userland (#PCDATA)>

<!ELEMENT cache-overflow (#PCDATA)>

<!ELEMENT calls-to-icmp-error (#PCDATA)>

<!ELEMENT calls-to-icmp6-error (#PCDATA)>

<!ELEMENT cInl (total-clnl-packets-received | packets-delivered | too-small-packets
| packets-with-bad-header-length | packets-with-bad-checksum | bad-version-packets
| unknown-or-unsupported-protocol-packets | packets-with-bogus-sdl-size |
no-free-memory-in-socket-buffer | send-packets-discarded | sbappend-failure |
mcopy-failure | address-fields-were-not-reasonable | segment-information-forgotten
| forwarded-packets | total-packets-sent | output-packets-discarded |
non-forwarded-packets | packets-fragmented | fragments-sent | fragments-discarded
| fragments-timed-out | fragmentation-prohibited | packets-reconstructed |
packets-destined-to-dead-nexthop | packets-discarded-due-to-no-route |
error-pdu-rate-drops | er-pdu-generation-failure)*>

<!ELEMENT cInp-l3-packets-received (#PCDATA)>

<!ELEMENT closes (#PCDATA)>

<!ELEMENT completed (#PCDATA)>

<!ELEMENT compnames-deflate (#PCDATA)>

<!ELEMENT compnames-lzs (#PCDATA)>

<!ELEMENT compnames-none (#PCDATA)>

<!ELEMENT compnames-oui (#PCDATA)>

<!ELEMENT connection-accepts (#PCDATA)>

<!ELEMENT connection-requests (#PCDATA)>

<!ELEMENT connections-closed (#PCDATA)>

<!ELEMENT connections-dropped-by-persist-timeout (#PCDATA)>

<!ELEMENT connections-dropped-by-retransmit-timeout (#PCDATA)>

<!ELEMENT connections-established (#PCDATA)>

<!ELEMENT connections-updated-rtt-on-close (#PCDATA)>

<!ELEMENT connections-updated-ssthresh-on-close (#PCDATA)>

<!ELEMENT connections-updated-variance-on-close (#PCDATA)>

<!ELEMENT connects (#PCDATA)>

<!ELEMENT control-packets-received (#PCDATA)>

<!ELEMENT control-packets-sent (#PCDATA)>
```

```
<!ELEMENT cookies-received (#PCDATA)>
<!ELEMENT cookies-sent (#PCDATA)>
<!ELEMENT cyclotron-cycle-13-packets-received (#PCDATA)>
<!ELEMENT cyclotron-send-13-packets-received (#PCDATA)>
<!ELEMENT data-packet-header-predictions (#PCDATA)>
<!ELEMENT data-packets-bytes (#PCDATA)>
<!ELEMENT datagrams-delivered (#PCDATA)>
<!ELEMENT datagrams-dropped-due-to-full-socket-buffers (#PCDATA)>
<!ELEMENT datagrams-dropped-due-to-no-socket (#PCDATA)>
<!ELEMENT datagrams-for-an-address-not-on-the-interface (#PCDATA)>
<!ELEMENT datagrams-for-non-ip-protocol (#PCDATA)>
<!ELEMENT datagrams-not-for-hashed-pcb (#PCDATA)>
<!ELEMENT datagrams-output (#PCDATA)>
<!ELEMENT datagrams-received (#PCDATA)>
<!ELEMENT datagrams-that-can-not-be-fragmented (#PCDATA)>
<!ELEMENT datagrams-which-were-not-for-me (#PCDATA)>
<!ELEMENT datagrams-with-a-broadcast-source-address (#PCDATA)>
<!ELEMENT datagrams-with-bad-checksum (#PCDATA)>
<!ELEMENT datagrams-with-bad-data-length-field (#PCDATA)>
<!ELEMENT datagrams-with-bad-datalength-field (#PCDATA)>
<!ELEMENT datagrams-with-bad-hardware-address-length (#PCDATA)>
<!ELEMENT datagrams-with-bad-protocol-address-length (#PCDATA)>
<!ELEMENT datagrams-with-bogus-interface (#PCDATA)>
<!ELEMENT datagrams-with-incomplete-header (#PCDATA)>
<!ELEMENT datagrams-with-incorrect-length (#PCDATA)>
<!ELEMENT datagrams-with-multicast-source-address (#PCDATA)>
<!ELEMENT datagrams-with-multicast-target-address (#PCDATA)>
<!ELEMENT datagrams-with-my-own-hardware-address (#PCDATA)>
<!ELEMENT datagrams-with-source-address-duplicate-to-mine (#PCDATA)>
<!ELEMENT datagrams-with-unsupported-opcode (#PCDATA)>
<!ELEMENT delete (#PCDATA)>
```

```
<!ELEMENT delivered (#PCDATA)>

<!ELEMENT destination-unreachable (#PCDATA)>

<!ELEMENT dialer-packets-received (#PCDATA)>

<!ELEMENT dialer-packets-transmitted (#PCDATA)>

<!ELEMENT dropped (#PCDATA)>

<!ELEMENT drops (#PCDATA)>

<!ELEMENT drops-due-to-rate-limit (#PCDATA)>

<!ELEMENT dump (#PCDATA)>

<!ELEMENT duplicate-in-bytes (#PCDATA)>

<!ELEMENT duplicate-or-out-of-space-fragments-dropped (#PCDATA)>

<!ELEMENT dupsyn (#PCDATA)>

<!ELEMENT echo-drops-with-broadcast-or-multicast-destinaton-address (#PCDATA)>

<!ELEMENT embryonic-connections-dropped (#PCDATA)>

<!ELEMENT er-pdu-generation-failure (#PCDATA)>

<!ELEMENT erroneous-header-field (#PCDATA)>

<!ELEMENT error-pdu-rate-drops (#PCDATA)>

<!ELEMENT errors-finding-peer-fes (#PCDATA)>

<!ELEMENT errors-not-generated-because-old-message-was-icmp (#PCDATA)>

<!ELEMENT errors-not-generated-because-old-message-was-icmp-error (#PCDATA)>

<!ELEMENT errors-not-generated-because-rate-limitation (#PCDATA)>

<!ELEMENT esis (total-esis-packets-received | total-packets-consumed-by-protocol
| pdu-received-with-bad-checksum | pdu-received-with-bad-version-number |
pdu-received-with-bad-type-field | short-pdus-received | pdu-with-bogus-sdl-size
| pdu-with-bad-header-length | pdu-with-unknown-or-unsupport-protocol |
no-free-memory-in-socket-buffer | send-packets-discarded | sbappend-failure |
mcopy-failure | iso-family-not-configured)*>

<!ELEMENT espnames-3des-cbc (#PCDATA)>

<!ELEMENT espnames-aes-ctr (#PCDATA)>

<!ELEMENT espnames-blowfish-cbc (#PCDATA)>

<!ELEMENT espnames-cast128-cbc (#PCDATA)>

<!ELEMENT espnames-des-cbc (#PCDATA)>

<!ELEMENT espnames-none (#PCDATA)>

<!ELEMENT espnames-null (#PCDATA)>
```

```
<!ELEMENT espnames-rijndael-cbc (#PCDATA)>

<!ELEMENT ethoamcfm (total-packets-received |
input-packets-drop-bad-interface-state | received-packets-forwarded |
total-packets-transmitted | packets-sent | output-packets-drop-bad-interface-state
| flood-requests-forwarded-to-pfe | flood-requests-dropped)*>

<!ELEMENT ethoamlfm (total-packets-received |
input-packets-drop-bad-interface-state | received-packets-forwarded |
total-packets-transmitted | packets-sent |
output-packets-drop-bad-interface-state)*>

<!ELEMENT expire (#PCDATA)>

<!ELEMENT failures-of-source-address-selection (#PCDATA)>

<!ELEMENT flood-failures (#PCDATA)>

<!ELEMENT flood-requests-dropped (#PCDATA)>

<!ELEMENT flood-requests-forwarded-to-pfe (#PCDATA)>

<!ELEMENT flush (#PCDATA)>

<!ELEMENT forward-cache-hit (#PCDATA)>

<!ELEMENT forward-cache-miss (#PCDATA)>

<!ELEMENT forwarded-packets (#PCDATA)>

<!ELEMENT fragment-reassembly-queue-flushes (#PCDATA)>

<!ELEMENT fragmentation-prohibited (#PCDATA)>

<!ELEMENT fragmented-packets-received (#PCDATA)>

<!ELEMENT fragmented-packets-sent (#PCDATA)>

<!ELEMENT fragments-created (#PCDATA)>

<!ELEMENT fragments-discarded (#PCDATA)>

<!ELEMENT fragments-dropped-after-timeout (#PCDATA)>

<!ELEMENT fragments-dropped-due-to-outofspace-or-dup (#PCDATA)>

<!ELEMENT fragments-dropped-due-to-over-limit (#PCDATA)>

<!ELEMENT fragments-dropped-due-to-queueoverflow (#PCDATA)>

<!ELEMENT fragments-received (#PCDATA)>

<!ELEMENT fragments-sent (#PCDATA)>

<!ELEMENT fragments-that-exceeded-limit (#PCDATA)>

<!ELEMENT fragments-timed-out (#PCDATA)>

<!ELEMENT get (#PCDATA)>
```

```
<!ELEMENT getspi (#PCDATA)>

<!ELEMENT globals (#PCDATA)>

<!ELEMENT header-for-source-address-selection (#PCDATA)>

<!ELEMENT heading (#PCDATA)>

<!ELEMENT hello-packets-received (#PCDATA)>

<!ELEMENT hello-packets-sent (#PCDATA)>

<!ELEMENT hex-value (#PCDATA)>

<!ELEMENT histogram (type-of-histogram | icmp-echo-reply | destination-unreachable
| source-quench | routing-redirect | icmp-echo | router-advertisement |
router-solicitation | time-exceeded | parameter-problem | time-stamp |
time-stamp-reply | information-request | information-request-reply |
address-mask-request | address-mask-reply)*>

<!ELEMENT histogram-of-error-messages-to-be-generated (#PCDATA)>

<!ELEMENT icmp (drops-due-to-rate-limit | calls-to-icmp-error |
errors-not-generated-because-old-message-was-icmp | histogram |
messages-with-bad-code-fields | messages-less-than-the-minimum-length |
messages-with-bad-checksum | messages-with-bad-source-address |
messages-with-bad-length |
echo-drops-with-broadcast-or-multicast-destination-address |
timestamp-drops-with-broadcast-or-multicast-destination-address |
message-responses-generated)*>

<!ELEMENT icmp-echo (#PCDATA)>

<!ELEMENT icmp-echo-reply (#PCDATA)>

<!ELEMENT icmp-packets-ignored (#PCDATA)>

<!ELEMENT icmp6 (calls-to-icmp6-error |
errors-not-generated-because-old-message-was-icmp-error |
errors-not-generated-because-rate-limitation | histogram |
unreachable-icmp6-packets | packet-too-big | time-exceeded-icmp6-packets |
parameter-problem-icmp6-packets | icmp6-echo | icmp6-echo-reply |
multicast-listener-query | multicast-listener-report | multicast-listener-done |
router-solicitation-icmp6-packets | router-advertisement-icmp6-packets |
neighbor-solicitation | neighbor-advertisement | redirect | router-renumbering |
node-information-request | node-information-reply |
icmp6-messages-with-bad-code-fields | messages-less-than-minimum-length |
bad-checksums | icmp6-messages-with-bad-length |
histogram-of-error-messages-to-be-generated | no-route |
administratively-prohibited | beyond-scope | address-unreachable | port-unreachable
| time-exceed-transit | time-exceed-reassembly | erroneous-header-field |
unrecognized-next-header | unrecognized-option | unknown |
icmp6-message-responses-generated | messages-with-too-many-nd-options)*>

<!ELEMENT icmp6-echo (#PCDATA)>

<!ELEMENT icmp6-echo-reply (#PCDATA)>

<!ELEMENT icmp6-message-responses-generated (#PCDATA)>

<!ELEMENT icmp6-messages-with-bad-code-fields (#PCDATA)>
```



```
<!ELEMENT icmp6-messages-with-bad-length (#PCDATA)>

<!ELEMENT igmp (messages-received | messages-received-with-too-few-bytes |
messages-received-with-bad-checksum | membership-queries-received |
membership-queries-received-with-invalid-fields | membership-reports-received |
membership-reports-received-with-invalid-fields |
membership-reports-received-for-groups-to-which-we-belong |
membership-reports-sent)*>

<!ELEMENT igmp12-packets-received (#PCDATA)>

<!ELEMENT igmp12-packets-transmitted (#PCDATA)>

<!ELEMENT in-sequence-bytes (#PCDATA)>

<!ELEMENT inbound-esp-packets-considered-authentic (#PCDATA)>

<!ELEMENT inbound-esp-packets-failed-on-authentication (#PCDATA)>

<!ELEMENT inbound-packets-considered-authentic (#PCDATA)>

<!ELEMENT inbound-packets-failed-due-to-insufficient-memory (#PCDATA)>

<!ELEMENT inbound-packets-failed-getting-spi (#PCDATA)>

<!ELEMENT inbound-packets-failed-on-ah-replay-check (#PCDATA)>

<!ELEMENT inbound-packets-failed-on-authentication (#PCDATA)>

<!ELEMENT inbound-packets-failed-on-esp-replay-check (#PCDATA)>

<!ELEMENT inbound-packets-processed-successfully (#PCDATA)>

<!ELEMENT inbound-packets-violated-process-security-policy (#PCDATA)>

<!ELEMENT inbound-packets-with-no-sa-available (#PCDATA)>

<!ELEMENT incoming-messages-with-memory-allocation-failure (#PCDATA)>

<!ELEMENT incoming-rawip-packets-dropped-no-socket-buffer (#PCDATA)>

<!ELEMENT incoming-ttptp-ip-packets-dropped (#PCDATA)>

<!ELEMENT incoming-ttptp-ip-packets-received (#PCDATA)>

<!ELEMENT information-request (#PCDATA)>

<!ELEMENT information-request-reply (#PCDATA)>

<!ELEMENT input-drops-due-to-bogus-protocol (#PCDATA)>

<!ELEMENT input-drops-due-to-no-mbufs-available (#PCDATA)>

<!ELEMENT input-drops-due-to-no-socket (#PCDATA)>

<!ELEMENT input-drops-due-to-no-space-in-socket (#PCDATA)>

<!ELEMENT input-packets (#PCDATA)>

<!ELEMENT input-packets-could-not-get-buffer (#PCDATA)>
```

```

<!ELEMENT input-packets-discarded-with-no-protocol (#PCDATA)>

<!ELEMENT input-packets-drop-bad-interface-state (#PCDATA)>

<!ELEMENT input-packets-for-which-route-lookup-is-bypassed (#PCDATA)>

<!ELEMENT input-packets-with-bad-type (#PCDATA)>

<!ELEMENT input-packets-with-discard-type (#PCDATA)>

<!ELEMENT invalid-inbound-packets (#PCDATA)>

<!ELEMENT invalid-outbound-packets (#PCDATA)>

<!ELEMENT ip (packets-received | bad-header-checksums |
packets-with-size-smaller-than-minimum |
packets-with-data-size-less-than-datalength |
packets-with-header-length-less-than-data-size |
packets-with-data-length-less-than-headerlength |
packets-with-incorrect-version-number | packets-destined-to-dead-next-hop |
fragments-received | fragments-dropped-due-to-outofspace-or-dup |
fragments-dropped-due-to-queueoverflow | fragments-dropped-after-timeout |
fragments-dropped-due-to-over-limit | packets-reassembled-ok |
packets-for-this-host | packets-for-unknown-or-unsupported-protocol |
packets-forwarded | packets-not-forwardable | redirects-sent |
packets-sent-from-this-host | packets-sent-with-fabricated-ip-header |
output-packets-dropped-due-to-no-bufs | output-packets-discarded-due-to-no-route
| output-datagrams-fragmented | fragments-created |
datagrams-that-can-not-be-fragmented | packets-with-bad-options |
packets-with-options-handled-without-error | strict-source-and-record-route-options
| loose-source-and-record-route-options | record-route-options | timestamp-options
| timestamp-and-address-options | timestamp-and-prespecified-address-options |
option-packets-dropped-due-to-rate-limit | router-alert-options |
multicast-packets-dropped | packets-dropped |
transit-re-packets-dropped-on-mgmt-interface |
packets-used-first-nexthop-in-ecmp-unilist | incoming-ttpoip-packets-received |
incoming-ttpoip-packets-dropped | outgoing-ttpoip-packets-sent |
outgoing-ttpoip-packets-dropped |
incoming-rawip-packets-dropped-no-socket-buffer)*>

<!ELEMENT ip6 (total-packets-received | ip6-packets-with-size-smaller-than-minimum
| packets-with-datasize-less-than-data-length | ip6-packets-with-bad-options |
ip6-packets-with-incorrect-version-number | ip6-fragments-received |
duplicate-or-out-of-space-fragments-dropped | ip6-fragments-dropped-after-timeout
| fragments-that-exceeded-limit | ip6-packets-reassembled-ok |
ip6-packets-for-this-host | ip6-packets-forwarded | ip6-packets-not-forwardable
| ip6-redirects-sent | ip6-packets-sent-from-this-host |
ip6-packets-sent-with-fabricated-ip-header |
ip6-output-packets-dropped-due-to-no-bufs |
ip6-output-packets-discarded-due-to-no-route | ip6-output-datagrams-fragmented |
ip6-fragments-created | ip6-datagrams-that-can-not-be-fragmented |
packets-that-violated-scope-rules | multicast-packets-which-we-do-not-join |
histogram | ip6nh-hop-by-hop | ip6nh-icmp | ip6nh-igmp | ip6nh-ip | ip6nh-tcp |
ip6nh-udp | ip6nh-idp | ip6nh-tp | ip6nh-ip6 | ip6nh-routing | ip6nh-fragment |
ip6nh-esp | ip6nh-ah | ip6nh-icmp6 | ip6nh-no-next-header |
ip6nh-destination-option | ip6nh-isoip | ip6nh-ospf | ip6nh-ethernet | ip6nh-pim
| mbuf-statistics | node-locals | link-locals | site-locals | globals |
address-scope | hex-value | header-for-source-address-selection |
packets-whose-headers-are-not-continuous | tunneling-packets-that-can-not-find-gif
| packets-discarded-due-to-too-may-headers | failures-of-source-address-selection

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| forward-cache-hit | forward-cache-miss | ip6-packets-destined-to-dead-next-hop
| ip6-option-packets-dropped-due-to-rate-limit | ip6-packets-dropped |
packets-dropped-due-to-bad-protocol | transit-re-packet-dropped-on-mgmt-interface
| packet-used-first-nexthop-in-ecmp-unilist)*>

<!ELEMENT ip6-datagrams-that-can-not-be-fragmented (#PCDATA)>

<!ELEMENT ip6-fragments-created (#PCDATA)>

<!ELEMENT ip6-fragments-dropped-after-timeout (#PCDATA)>

<!ELEMENT ip6-fragments-received (#PCDATA)>

<!ELEMENT ip6-option-packets-dropped-due-to-rate-limit (#PCDATA)>

<!ELEMENT ip6-output-datagrams-fragmented (#PCDATA)>

<!ELEMENT ip6-output-packets-discarded-due-to-no-route (#PCDATA)>

<!ELEMENT ip6-output-packets-dropped-due-to-no-bufs (#PCDATA)>

<!ELEMENT ip6-packets-destined-to-dead-next-hop (#PCDATA)>

<!ELEMENT ip6-packets-dropped (#PCDATA)>

<!ELEMENT ip6-packets-for-this-host (#PCDATA)>

<!ELEMENT ip6-packets-forwarded (#PCDATA)>

<!ELEMENT ip6-packets-not-forwardable (#PCDATA)>

<!ELEMENT ip6-packets-reassembled-ok (#PCDATA)>

<!ELEMENT ip6-packets-sent-from-this-host (#PCDATA)>

<!ELEMENT ip6-packets-sent-with-fabricated-ip-header (#PCDATA)>

<!ELEMENT ip6-packets-with-bad-options (#PCDATA)>

<!ELEMENT ip6-packets-with-incorrect-version-number (#PCDATA)>

<!ELEMENT ip6-packets-with-size-smaller-than-minimum (#PCDATA)>

<!ELEMENT ip6-redirects-sent (#PCDATA)>

<!ELEMENT ip6nh-ah (#PCDATA)>

<!ELEMENT ip6nh-destination-option (#PCDATA)>

<!ELEMENT ip6nh-esp (#PCDATA)>

<!ELEMENT ip6nh-ethernet (#PCDATA)>

<!ELEMENT ip6nh-fragment (#PCDATA)>

<!ELEMENT ip6nh-hop-by-hop (#PCDATA)>

<!ELEMENT ip6nh-icmp (#PCDATA)>

<!ELEMENT ip6nh-icmp6 (#PCDATA)>

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<!ELEMENT ip6nh-idp (#PCDATA)>

<!ELEMENT ip6nh-igmp (#PCDATA)>

<!ELEMENT ip6nh-ip (#PCDATA)>

<!ELEMENT ip6nh-ip6 (#PCDATA)>

<!ELEMENT ip6nh-isoip (#PCDATA)>

<!ELEMENT ip6nh-no-next-header (#PCDATA)>

<!ELEMENT ip6nh-ospf (#PCDATA)>

<!ELEMENT ip6nh-pim (#PCDATA)>

<!ELEMENT ip6nh-routing (#PCDATA)>

<!ELEMENT ip6nh-tcp (#PCDATA)>

<!ELEMENT ip6nh-tp (#PCDATA)>

<!ELEMENT ip6nh-udp (#PCDATA)>

<!ELEMENT ipsec (inbound-packets-processed-successfully |
inbound-packets-violated-process-security-policy |
inbound-packets-with-no-sa-available | invalid-inbound-packets |
inbound-packets-failed-due-to-insufficient-memory |
inbound-packets-failed-getting-spi | inbound-packets-failed-on-ah-replay-check |
inbound-packets-failed-on-esp-replay-check | inbound-packets-considered-authentic
| inbound-packets-failed-on-authentication |
inbound-esp-packets-considered-authentic |
inbound-esp-packets-failed-on-authentication | histogram | ahnames-none |
ahnames-hmac-md5 | ahnames-hmac-sha1 | ahnames-md5 | ahnames-sha | ahnames-null
| ahnames-hmac-sha2-256 | ahnames-hmac-sha2-384 | ahnames-hmac-sha2-512 |
ahnames-hmac-ripemd160 | ahnames-aes-xcbc-mac | espnames-none | espnames-des-cbc
| espnames-3des-cbc | espnames-null | espnames-cast128-cbc | espnames-blowfish-cbc
| espnames-rijndael-cbc | espnames-aes-ctr | compnames-none | compnames-oui |
compnames-deflate | compnames-lzs | protocol |
outbound-packets-processed-successfully |
outbound-packets-violated-process-security-policy |
outbound-packets-with-no-sa-available | invalid-outbound-packets |
outbound-packets-failed-due-to-insufficient-memory | outbound-packets-with-no-route
| spd-cache-lookups | spd-cache-misses)*>

<!ELEMENT ipsec6 (inbound-packets-processed-successfully |
inbound-packets-violated-process-security-policy |
inbound-packets-with-no-sa-available | invalid-inbound-packets |
inbound-packets-failed-due-to-insufficient-memory |
inbound-packets-failed-getting-spi | inbound-packets-failed-on-ah-replay-check |
inbound-packets-failed-on-esp-replay-check | inbound-packets-considered-authentic
| inbound-packets-failed-on-authentication |
inbound-esp-packets-considered-authentic |
inbound-esp-packets-failed-on-authentication | histogram | ahnames-none |
ahnames-hmac-md5 | ahnames-hmac-sha1 | ahnames-md5 | ahnames-sha | ahnames-null
| ahnames-hmac-sha2-256 | ahnames-hmac-sha2-384 | ahnames-hmac-sha2-512 |
ahnames-hmac-ripemd160 | ahnames-aes-xcbc-mac | espnames-none | espnames-des-cbc
| espnames-3des-cbc | espnames-null | espnames-cast128-cbc | espnames-blowfish-cbc
| espnames-rijndael-cbc | espnames-aes-ctr | compnames-none | compnames-oui |
compnames-deflate | compnames-lzs | proto | outbound-packets-processed-successfully
| outbound-packets-violated-process-security-policy |

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outbound-packets-with-no-sa-available | invalid-outbound-packets |
outbound-packets-failed-due-to-insufficient-memory | outbound-packets-with-no-route
| spd-cache-lookups | spd-cache-misses)*>

<!ELEMENT ipv4-l3-packets-received (#PCDATA)>

<!ELEMENT ipv4-to-mps-l3-packets-received (#PCDATA)>

<!ELEMENT ipv6-l3-packets-received (#PCDATA)>

<!ELEMENT isdn-packets-received (#PCDATA)>

<!ELEMENT isdn-packets-transmitted (#PCDATA)>

<!ELEMENT iso-family-not-configured (#PCDATA)>

<!ELEMENT keepalive-connections-dropped (#PCDATA)>

<!ELEMENT keepalive-probes-sent (#PCDATA)>

<!ELEMENT keepalive-timeouts (#PCDATA)>

<!ELEMENT keepalives-received (#PCDATA)>

<!ELEMENT keepalives-sent (#PCDATA)>

<!ELEMENT l2-packets-received (#PCDATA)>

<!ELEMENT learning-requests-over-capacity (#PCDATA)>

<!ELEMENT learning-requests-while-learning-disabled-on-interface (#PCDATA)>

<!ELEMENT link-locals (#PCDATA)>

<!ELEMENT listen-queue-overflows (#PCDATA)>

<!ELEMENT loose-source-and-record-route-options (#PCDATA)>

<!ELEMENT lsp-ping-packets (#PCDATA)>

<!ELEMENT mac-moves (#PCDATA)>

<!ELEMENT mac-route-aging-requests (#PCDATA)>

<!ELEMENT mac-route-learning-requests (#PCDATA)>

<!ELEMENT mac-routes-aged (#PCDATA)>

<!ELEMENT mac-routes-learned (#PCDATA)>

<!ELEMENT mac-routes-moved (#PCDATA)>

<!ELEMENT macs-learned (#PCDATA)>

<!ELEMENT mbuf-statistics (#PCDATA)>

<!ELEMENT mcopy-failure (#PCDATA)>

<!ELEMENT membership-queries-received (#PCDATA)>

<!ELEMENT membership-queries-received-with-invalid-fields (#PCDATA)>
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<!ELEMENT membership-reports-received (#PCDATA)>

<!ELEMENT membership-reports-received-for-groups-to-which-we-belong (#PCDATA)>

<!ELEMENT membership-reports-received-with-invalid-fields (#PCDATA)>

<!ELEMENT membership-reports-sent (#PCDATA)>

<!ELEMENT message-responses-generated (#PCDATA)>

<!ELEMENT messages-less-than-minimum-length (#PCDATA)>

<!ELEMENT messages-less-than-the-minimum-length (#PCDATA)>

<!ELEMENT messages-received (#PCDATA)>

<!ELEMENT messages-received-with-bad-checksum (#PCDATA)>

<!ELEMENT messages-received-with-too-few-bytes (#PCDATA)>

<!ELEMENT messages-too-short (#PCDATA)>

<!ELEMENT messages-toward-all-sockets (#PCDATA)>

<!ELEMENT messages-toward-registered-sockets (#PCDATA)>

<!ELEMENT messages-toward-single-socket (#PCDATA)>

<!ELEMENT messages-with-bad-checksum (#PCDATA)>

<!ELEMENT messages-with-bad-code-fields (#PCDATA)>

<!ELEMENT messages-with-bad-length (#PCDATA)>

<!ELEMENT messages-with-bad-source-address (#PCDATA)>

<!ELEMENT messages-with-duplicate-extension (#PCDATA)>

<!ELEMENT messages-with-invalid-address-extension (#PCDATA)>

<!ELEMENT messages-with-invalid-extension-type (#PCDATA)>

<!ELEMENT messages-with-invalid-length-field (#PCDATA)>

<!ELEMENT messages-with-invalid-message-type-field (#PCDATA)>

<!ELEMENT messages-with-invalid-sa-type (#PCDATA)>

<!ELEMENT messages-with-invalid-version-field (#PCDATA)>

<!ELEMENT messages-with-too-many-nd-options (#PCDATA)>

<!ELEMENT mpls (total-mpls-packets-received | packets-forwarded | packets-dropped
| packets-with-header-too-small | after-tagging-packets-can-not-fit-link-mtu |
packets-with-ipv4-explicit-null-tag |
packets-with-ipv4-explicit-null-checksum-errors | packets-with-router-alert-tag
| lsp-ping-packets | packets-with-ttl-expired | packets-with-tag-encoding-error
| packets-discarded-due-to-no-route | packets-used-first-nexthop-in-ecmp-unilist)*>

<!ELEMENT mpls-l3-packets-received (#PCDATA)>
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<!ELEMENT mpls-to-ipv4-l3-packets-received (#PCDATA)>
<!ELEMENT mpu-packets-received (#PCDATA)>
<!ELEMENT mpu-packets-transmitted (#PCDATA)>
<!ELEMENT multicast-listener-done (#PCDATA)>
<!ELEMENT multicast-listener-query (#PCDATA)>
<!ELEMENT multicast-listener-report (#PCDATA)>
<!ELEMENT multicast-packets-dropped (#PCDATA)>
<!ELEMENT multicast-packets-which-we-do-not-join (#PCDATA)>
<!ELEMENT neighbor-advertisement (#PCDATA)>
<!ELEMENT neighbor-solicitation (#PCDATA)>
<!ELEMENT new-requests-on-unnumbered-interfaces (#PCDATA)>
<!ELEMENT no-free-memory-in-socket-buffer (#PCDATA)>
<!ELEMENT no-route (#PCDATA)>
<!ELEMENT node-information-reply (#PCDATA)>
<!ELEMENT node-information-request (#PCDATA)>
<!ELEMENT node-locals (#PCDATA)>
<!ELEMENT non-forwarded-packets (#PCDATA)>
<!ELEMENT null-l3-packets-received (#PCDATA)>
<!ELEMENT option-packets-dropped-due-to-rate-limit (#PCDATA)>
<!ELEMENT out-of-order-in-bytes (#PCDATA)>
<!ELEMENT out-of-sequence-segment-drops (#PCDATA)>
<!ELEMENT outbound-packets-failed-due-to-insufficient-memory (#PCDATA)>
<!ELEMENT outbound-packets-processed-successfully (#PCDATA)>
<!ELEMENT outbound-packets-violated-process-security-policy (#PCDATA)>
<!ELEMENT outbound-packets-with-no-route (#PCDATA)>
<!ELEMENT outbound-packets-with-no-sa-available (#PCDATA)>
<!ELEMENT outgoing-messages-with-memory-allocation-failure (#PCDATA)>
<!ELEMENT outgoing-segments-dropped (#PCDATA)>
<!ELEMENT outgoing-ttptip-packets-dropped (#PCDATA)>
<!ELEMENT outgoing-ttptip-packets-sent (#PCDATA)>
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<!ELEMENT output-datagrams-fragmented (#PCDATA)>
<!ELEMENT output-drops-due-to-transmit-error (#PCDATA)>
<!ELEMENT output-packets (#PCDATA)>
<!ELEMENT output-packets-discarded (#PCDATA)>
<!ELEMENT output-packets-discarded-due-to-no-route (#PCDATA)>
<!ELEMENT output-packets-drop-bad-interface-state (#PCDATA)>
<!ELEMENT output-packets-dropped-due-to-no-bufs (#PCDATA)>
<!ELEMENT packet-too-big (#PCDATA)>
<!ELEMENT packet-used-first-nexthop-in-ecmp-unilist (#PCDATA)>
<!ELEMENT packets-delivered (#PCDATA)>
<!ELEMENT packets-destined-to-dead-next-hop (#PCDATA)>
<!ELEMENT packets-destined-to-dead-nexthop (#PCDATA)>
<!ELEMENT packets-discarded (#PCDATA)>
<!ELEMENT packets-discarded-due-to-bad-sequence-number (#PCDATA)>
<!ELEMENT packets-discarded-due-to-no-route (#PCDATA)>
<!ELEMENT packets-discarded-due-to-too-many-headers (#PCDATA)>
<!ELEMENT packets-discarded-for-bad-checksum (#PCDATA)>
<!ELEMENT packets-discarded-waiting-for-resolution (#PCDATA)>
<!ELEMENT packets-dropped (#PCDATA)>
<!ELEMENT packets-dropped-due-to-bad-protocol (#PCDATA)>
<!ELEMENT packets-dropped-due-to-full-socket-buffers (#PCDATA)>
<!ELEMENT packets-dropped-due-to-interface-down (#PCDATA)>
<!ELEMENT packets-dropped-due-to-no-l3-route-table (#PCDATA)>
<!ELEMENT packets-dropped-due-to-no-local-if1 (#PCDATA)>
<!ELEMENT packets-dropped-due-to-no-resolve-nh-in-clone-learning (#PCDATA)>
<!ELEMENT packets-dropped-due-to-no-resolve-route (#PCDATA)>
<!ELEMENT packets-dropped-due-to-no-socket (#PCDATA)>
<!ELEMENT packets-dropped-due-to-stp-blocked-or-listening (#PCDATA)>
<!ELEMENT packets-dropped-due-to-stp-learning (#PCDATA)>
<!ELEMENT packets-failed-to-forward (#PCDATA)>
<!ELEMENT packets-flooded (#PCDATA)>
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<!ELEMENT packets-for-this-host (#PCDATA)>

<!ELEMENT packets-for-unknown-or-unsupported-protocol (#PCDATA)>

<!ELEMENT packets-forwarded (#PCDATA)>

<!ELEMENT packets-forwarded-to-l3-interface (#PCDATA)>

<!ELEMENT packets-fragmented (#PCDATA)>

<!ELEMENT packets-hit-hold-queue-while-learning (#PCDATA)>

<!ELEMENT packets-not-forwardable (#PCDATA)>

<!ELEMENT packets-of-version-unspecified-received (#PCDATA)>

<!ELEMENT packets-of-version-unspecified-sent (#PCDATA)>

<!ELEMENT packets-of-version1-received (#PCDATA)>

<!ELEMENT packets-of-version1-sent (#PCDATA)>

<!ELEMENT packets-of-version2-received (#PCDATA)>

<!ELEMENT packets-of-version2-sent (#PCDATA)>

<!ELEMENT packets-of-version3-received (#PCDATA)>

<!ELEMENT packets-of-version3-sent (#PCDATA)>

<!ELEMENT packets-punted (#PCDATA)>

<!ELEMENT packets-reassembled-ok (#PCDATA)>

<!ELEMENT packets-received (#PCDATA)>

<!ELEMENT packets-received-after-close (#PCDATA)>

<!ELEMENT packets-received-from-unknown-ifl (#PCDATA)>

<!ELEMENT packets-received-in-sequence (#PCDATA)>

<!ELEMENT packets-received-while-unconnected (#PCDATA)>

<!ELEMENT packets-reconstructed (#PCDATA)>

<!ELEMENT packets-sent (#PCDATA)>

<!ELEMENT packets-sent-after-waiting-for-resolution (#PCDATA)>

<!ELEMENT packets-sent-could-not-find-neighbor (#PCDATA)>

<!ELEMENT packets-sent-could-not-get-buffer (#PCDATA)>

<!ELEMENT packets-sent-from-this-host (#PCDATA)>

<!ELEMENT packets-sent-successfully (#PCDATA)>

<!ELEMENT packets-sent-to-l3-interface (#PCDATA)>

<!ELEMENT packets-sent-while-interface-down (#PCDATA)>

<!ELEMENT packets-sent-while-unconnected (#PCDATA)>

<!ELEMENT packets-sent-with-fabricated-ip-header (#PCDATA)>

<!ELEMENT packets-sent-with-unknown-protocol (#PCDATA)>

<!ELEMENT packets-that-violated-scope-rules (#PCDATA)>

<!ELEMENT packets-used-first-nexthop-in-ecmp-unilist (#PCDATA)>

<!ELEMENT packets-whose-headers-are-not-continuous (#PCDATA)>

<!ELEMENT packets-with-bad-checksum (#PCDATA)>

<!ELEMENT packets-with-bad-header-length (#PCDATA)>

<!ELEMENT packets-with-bad-options (#PCDATA)>

<!ELEMENT packets-with-bogus-sdl-size (#PCDATA)>

<!ELEMENT packets-with-data-length-less-than-headerlength (#PCDATA)>

<!ELEMENT packets-with-data-size-less-than-datalength (#PCDATA)>

<!ELEMENT packets-with-datasize-less-than-data-length (#PCDATA)>

<!ELEMENT packets-with-dead-nexthop (#PCDATA)>

<!ELEMENT packets-with-dead-nexthop-in-clone-learning (#PCDATA)>

<!ELEMENT packets-with-dev-output-failures (#PCDATA)>

<!ELEMENT packets-with-double-tags (#PCDATA)>

<!ELEMENT packets-with-eof-reached-error (#PCDATA)>

<!ELEMENT packets-with-header-length-less-than-data-size (#PCDATA)>

<!ELEMENT packets-with-header-too-small (#PCDATA)>

<!ELEMENT packets-with-ifl-lookup-failures (#PCDATA)>

<!ELEMENT packets-with-ifl-mismatch-failures (#PCDATA)>

<!ELEMENT packets-with-incorrect-version-number (#PCDATA)>

<!ELEMENT packets-with-input-control-processing-failures (#PCDATA)>

<!ELEMENT packets-with-ipv4-explicit-null-checksum-errors (#PCDATA)>

<!ELEMENT packets-with-ipv4-explicit-null-tag (#PCDATA)>

<!ELEMENT packets-with-l2-ifl-store-failures (#PCDATA)>

<!ELEMENT packets-with-l3-ifd-lookup-failures (#PCDATA)>

<!ELEMENT packets-with-l3-ifl-lookup-failures (#PCDATA)>

<!ELEMENT packets-with-l3-invalid-rnh (#PCDATA)>

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<!ELEMENT packets-with-l3-send-failures (#PCDATA)>
<!ELEMENT packets-with-mpull-failures (#PCDATA)>
<!ELEMENT packets-with-no-auxiliary-table (#PCDATA)>
<!ELEMENT packets-with-no-ce-facing-entry (#PCDATA)>
<!ELEMENT packets-with-no-corefacing-entry (#PCDATA)>
<!ELEMENT packets-with-no-family (#PCDATA)>
<!ELEMENT packets-with-no-ifl (#PCDATA)>
<!ELEMENT packets-with-no-logical-interface (#PCDATA)>
<!ELEMENT packets-with-no-nexthop (#PCDATA)>
<!ELEMENT packets-with-no-nexthop-in-clone-learning (#PCDATA)>
<!ELEMENT packets-with-no-route-for-dmac (#PCDATA)>
<!ELEMENT packets-with-no-route-for-smac (#PCDATA)>
<!ELEMENT packets-with-no-route-for-smac-in-clone-learning (#PCDATA)>
<!ELEMENT packets-with-no-route-table (#PCDATA)>
<!ELEMENT packets-with-options-handled-without-error (#PCDATA)>
<!ELEMENT packets-with-packet-duplication-failures (#PCDATA)>
<!ELEMENT packets-with-router-alert-tag (#PCDATA)>
<!ELEMENT packets-with-send-failures (#PCDATA)>
<!ELEMENT packets-with-size-smaller-than-minimum (#PCDATA)>
<!ELEMENT packets-with-src-mac-learning-failures (#PCDATA)>
<!ELEMENT packets-with-stp-state-lookup-failures (#PCDATA)>
<!ELEMENT packets-with-tag-encoding-error (#PCDATA)>
<!ELEMENT packets-with-tag-insertion-failures (#PCDATA)>
<!ELEMENT packets-with-tag-lookup-failures (#PCDATA)>
<!ELEMENT packets-with-tag-removal-failures (#PCDATA)>
<!ELEMENT packets-with-tnp-src-address-collision-received (#PCDATA)>
<!ELEMENT packets-with-ttl-expired (#PCDATA)>
<!ELEMENT packets-with-vlan-lookup-failures (#PCDATA)>
<!ELEMENT packets-with-vmember-lookup-failures (#PCDATA)>
<!ELEMENT parameter-problem (#PCDATA)>
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<!ELEMENT parameter-problem-icmp6-packets (#PCDATA)>

<!ELEMENT pdus-received-with-bad-checksum (#PCDATA)>

<!ELEMENT pdus-received-with-bad-type-field (#PCDATA)>

<!ELEMENT pdus-received-with-bad-version-number (#PCDATA)>

<!ELEMENT pdus-with-bad-header-length (#PCDATA)>

<!ELEMENT pdus-with-bogus-sdl-size (#PCDATA)>

<!ELEMENT pdus-with-unknown-or-unsupport-protocol (#PCDATA)>

<!ELEMENT persist-timeouts (#PCDATA)>

<!ELEMENT pfkey (requests-sent-from-userland | bytes-sent-from-userland | histogram
| reserved | getspi | update | add | delete | get | acquire | register | expire
| flush | dump | x-promisc | x-pchange | x-spddupdate | x-spddadd | x-spdddelete |
x-spddget | x-spddacquire | x-spddump | x-spddflush | x-spddsetidx | x-spddexpire |
x-spdddelete2 | messages-with-invalid-length-field |
messages-with-invalid-version-field | messages-with-invalid-message-type-field |
messages-too-short | outgoing-messages-with-memory-allocation-failure |
messages-with-duplicate-extension | messages-with-invalid-extension-type |
messages-with-invalid-sa-type | messages-with-invalid-address-extension |
requests-sent-to-userland | bytes-sent-to-userland | messages-toward-single-socket
| messages-toward-all-sockets | messages-toward-registered-sockets |
incoming-messages-with-memory-allocation-failure)*>

<!ELEMENT port-unreachable (#PCDATA)>

<!ELEMENT ppoe-packets-transmitted (#PCDATA)>

<!ELEMENT ppp-packets-received-from-jppd (#PCDATA)>

<!ELEMENT ppp-packets-received-from-pppd (#PCDATA)>

<!ELEMENT ppp-packets-transmitted-to-jppd (#PCDATA)>

<!ELEMENT ppp-packets-transmitted-to-pppd (#PCDATA)>

<!ELEMENT pppoe-packets-received (#PCDATA)>

<!ELEMENT proto (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT proxy-requests-not-proxied (#PCDATA)>

<!ELEMENT raw-interface (raw-packets-transmitted | ppoe-packets-transmitted |
isdn-packets-transmitted | dialer-packets-transmitted |
ppp-packets-transmitted-to-pppd | ppp-packets-transmitted-to-jppd |
igmp12-packets-transmitted | stp-packets-transmitted |
output-drops-due-to-transmit-error | mpu-packets-transmitted |
pppoe-packets-received | isdn-packets-received | dialer-packets-received |
ppp-packets-received-from-pppd | mpu-packets-received |
ppp-packets-received-from-jppd | igmp12-packets-received | stp-packets-received
| stp-packets-dropped | input-drops-due-to-bogus-protocol |
input-drops-due-to-no-mbufs-available | input-drops-due-to-no-space-in-socket |
input-drops-due-to-no-socket)*>
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<!ELEMENT raw-packets-transmitted (#PCDATA)>

<!ELEMENT rcv-packets-dropped (#PCDATA)>

<!ELEMENT rcv-packets-dropped-due-to-bad-address (#PCDATA)>

<!ELEMENT rdp (input-packets | packets-discarded-for-bad-checksum |
packets-discarded-due-to-bad-sequence-number | refused-connections | acks-received
| packets-dropped-due-to-full-socket-buffers | retransmits | output-packets |
acks-sent | connects | closes | keepalives-received | keepalives-sent)*>

<!ELEMENT rdp-packets-received (#PCDATA)>

<!ELEMENT rdp-packets-sent (#PCDATA)>

<!ELEMENT received-acks (#PCDATA)>

<!ELEMENT received-acks-for-unsent-data (#PCDATA)>

<!ELEMENT received-completely-duplicate-packet (#PCDATA)>

<!ELEMENT received-discarded-because-packet-too-short (#PCDATA)>

<!ELEMENT received-discarded-for-bad-checksum (#PCDATA)>

<!ELEMENT received-discarded-for-bad-header-offset (#PCDATA)>

<!ELEMENT received-duplicate-acks (#PCDATA)>

<!ELEMENT received-fragments-dropped (#PCDATA)>

<!ELEMENT received-hello-packets-dropped (#PCDATA)>

<!ELEMENT received-old-duplicate-packets (#PCDATA)>

<!ELEMENT received-out-of-order-packets (#PCDATA)>

<!ELEMENT received-packets-forwarded (#PCDATA)>

<!ELEMENT received-packets-of-data-after-window (#PCDATA)>

<!ELEMENT received-packets-with-some-duplicate-data (#PCDATA)>

<!ELEMENT received-proxy-requests (#PCDATA)>

<!ELEMENT received-window-probes (#PCDATA)>

<!ELEMENT received-window-update-packets (#PCDATA)>

<!ELEMENT record-route-options (#PCDATA)>

<!ELEMENT redirect (#PCDATA)>

<!ELEMENT redirects-sent (#PCDATA)>

<!ELEMENT refused-connections (#PCDATA)>

<!ELEMENT register (#PCDATA)>

<!ELEMENT replies-from-unnumbered-interface-with-non-subnetted-donor (#PCDATA)>
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<!ELEMENT replies-from-unnumbered-interfaces (#PCDATA)>

<!ELEMENT requests-dropped-due-to-interface-deletion (#PCDATA)>

<!ELEMENT requests-dropped-during-retry (#PCDATA)>

<!ELEMENT requests-dropped-on-entry (#PCDATA)>

<!ELEMENT requests-for-memory-denied (#PCDATA)>

<!ELEMENT requests-involving-multiple-peer-fes (#PCDATA)>

<!ELEMENT requests-on-unnumbered-interface-with-non-subnetted-donor (#PCDATA)>

<!ELEMENT requests-on-unnumbered-interfaces (#PCDATA)>

<!ELEMENT requests-sent-from-userland (#PCDATA)>

<!ELEMENT requests-sent-to-userland (#PCDATA)>

<!ELEMENT requests-to-age-static-route (#PCDATA)>

<!ELEMENT requests-to-learn-an-existing-route (#PCDATA)>

<!ELEMENT requests-to-move-static-route (#PCDATA)>

<!ELEMENT requests-to-re-ageout-aged-route (#PCDATA)>

<!ELEMENT reserved (#PCDATA)>

<!ELEMENT reset (#PCDATA)>

<!ELEMENT resolution-request-received (#PCDATA)>

<!ELEMENT restricted-proxy-requests (#PCDATA)>

<!ELEMENT restricted-proxy-requests-not-proxied (#PCDATA)>

<!ELEMENT retransmit-timeouts (#PCDATA)>

<!ELEMENT retransmits (#PCDATA)>

<!ELEMENT retransmitted (#PCDATA)>

<!ELEMENT retransmitted-bytes (#PCDATA)>

<!ELEMENT router-advertisement (#PCDATA)>

<!ELEMENT router-advertisement-icmp6-packets (#PCDATA)>

<!ELEMENT router-alert-options (#PCDATA)>

<!ELEMENT router-renumbering (#PCDATA)>

<!ELEMENT router-solicitation (#PCDATA)>

<!ELEMENT router-solicitation-icmp6-packets (#PCDATA)>

<!ELEMENT routing-redirect (#PCDATA)>

<!ELEMENT rst-packets (#PCDATA)>

```
<!ELEMENT sack-options-sent (#PCDATA)>
<!ELEMENT sack-options-received (#PCDATA)>
<!ELEMENT sack-recovery-episodes (#PCDATA)>
<!ELEMENT sack-scoreboard-overflow (#PCDATA)>
<!ELEMENT sbappend-failure (#PCDATA)>
<!ELEMENT segment-information-forgotten (#PCDATA)>
<!ELEMENT segment-retransmits (#PCDATA)>
<!ELEMENT segments-updated-rtt (#PCDATA)>
<!ELEMENT send-packets-discarded (#PCDATA)>
<!ELEMENT send-packets-dropped (#PCDATA)>
<!ELEMENT sent-ack-only-packets (#PCDATA)>
<!ELEMENT sent-control-packets (#PCDATA)>
<!ELEMENT sent-data-packets (#PCDATA)>
<!ELEMENT sent-data-packets-retransmitted (#PCDATA)>
<!ELEMENT sent-fragments-dropped (#PCDATA)>
<!ELEMENT sent-hello-packets-dropped (#PCDATA)>
<!ELEMENT sent-packets-delayed (#PCDATA)>
<!ELEMENT sent-resends-by-mtu-discovery (#PCDATA)>
<!ELEMENT sent-urg-only-packets (#PCDATA)>
<!ELEMENT sent-window-probe-packets (#PCDATA)>
<!ELEMENT sent-window-update-packets (#PCDATA)>
<!ELEMENT short-pdus-received (#PCDATA)>
<!ELEMENT site-locals (#PCDATA)>
<!ELEMENT some-duplicate-in-bytes (#PCDATA)>
<!ELEMENT source-quench (#PCDATA)>
<!ELEMENT spd-cache-lookups (#PCDATA)>
<!ELEMENT spd-cache-misses (#PCDATA)>
<!ELEMENT stale (#PCDATA)>
<!ELEMENT statistics (tcp | udp | ip | icmp | igmp | ipsec | raw-interface | arp
| ip6 | icmp6 | ipsec6 | pfkey | clnl | esis | tnp | rdp | tudp | ttp | mp1s |
vp1s | bridge | ethoamcfm | ethoamlfm)*>
```

```
<!ELEMENT stp-packets-dropped (#PCDATA)>

<!ELEMENT stp-packets-received (#PCDATA)>

<!ELEMENT stp-packets-transmitted (#PCDATA)>

<!ELEMENT strict-source-and-record-route-options (#PCDATA)>

<!ELEMENT syncache-entries-added (#PCDATA)>

<!ELEMENT tcp (packets-sent | sent-data-packets | data-packets-bytes |
sent-data-packets-retransmitted | retransmitted-bytes |
sent-resends-by-mtu-discovery | sent-ack-only-packets | sent-packets-delayed |
sent-urg-only-packets | sent-window-probe-packets | sent-window-update-packets |
  sent-control-packets | packets-received | received-acks | acks-bytes |
received-duplicate-acks | received-acks-for-unsent-data |
packets-received-in-sequence | in-sequence-bytes |
received-completely-duplicate-packet | duplicate-in-bytes |
received-old-duplicate-packets | received-packets-with-some-duplicate-data |
some-duplicate-in-bytes | received-out-of-order-packets | out-of-order-in-bytes
| received-packets-of-data-after-window | bytes | received-window-probes |
received-window-update-packets | packets-received-after-close |
received-discarded-for-bad-checksum | received-discarded-for-bad-header-offset |
  received-discarded-because-packet-too-short | connection-requests |
connection-accepts | bad-connection-attempts | listen-queue-overflows |
connections-established | connections-closed | drops |
connections-updated-rtt-on-close | connections-updated-variance-on-close |
connections-updated-ssthresh-on-close | embryonic-connections-dropped |
segments-updated-rtt | attempts | retransmit-timeouts |
connections-dropped-by-retransmit-timeout | persist-timeouts |
connections-dropped-by-persist-timeout | keepalive-timeouts | keepalive-probes-sent
| keepalive-connections-dropped | ack-header-predictions |
data-packet-header-predictions | syncache-entries-added | retransmitted | dupsyn
| dropped | completed | bucket-overflow | cache-overflow | reset | stale | aborted
| badack | unreachable | zone-failures | cookies-sent | cookies-received |
sack-recovery-episodes | segment-retransmits | byte-retransmits |
sack-options-received | sack-options-sent | sack-scoreboard-overflow |
acks-sent-in-response-but-not-exact-rsts |
acks-sent-in-response-to-syns-on-established-connections |
rcv-packets-dropped-due-to-bad-address | out-of-sequence-segment-drops |
rst-packets | icmp-packets-ignored | send-packets-dropped | rcv-packets-dropped
| outgoing-segments-dropped)*>

<!ELEMENT time-exceed-reassembly (#PCDATA)>

<!ELEMENT time-exceed-transit (#PCDATA)>

<!ELEMENT time-exceeded (#PCDATA)>

<!ELEMENT time-exceeded-icmp6-packets (#PCDATA)>

<!ELEMENT time-stamp (#PCDATA)>

<!ELEMENT time-stamp-reply (#PCDATA)>

<!ELEMENT timestamp-and-address-options (#PCDATA)>

<!ELEMENT timestamp-and-prespecified-address-options (#PCDATA)>

<!ELEMENT timestamp-drops-with-broadcast-or-multicast-destination-address
(PCDATA)>
```



```

<!ELEMENT timestamp-options (#PCDATA)>

<!ELEMENT tnp (unicast-packets-received | broadcast-packets-received |
fragmented-packets-received | received-hello-packets-dropped |
received-fragments-dropped | fragment-reassembly-queue-flushes |
packets-with-tnp-src-address-collision-received | hello-packets-received |
control-packets-received | rdp-packets-received | udp-packets-received |
tunnel-packets-received | input-packets-discarded-with-no-protocol |
packets-of-version-unspecified-received | packets-of-version1-received |
packets-of-version2-received | packets-of-version3-received | unicast-packets-sent
| broadcast-packets-sent | fragmented-packets-sent | sent-hello-packets-dropped
| sent-fragments-dropped | hello-packets-sent | control-packets-sent |
rdp-packets-sent | udp-packets-sent | tunnel-packets-sent |
packets-sent-with-unknown-protocol | packets-of-version-unspecified-sent |
packets-of-version1-sent | packets-of-version2-sent | packets-of-version3-sent)*>

<!ELEMENT tnp-l3-packets-received (#PCDATA)>

<!ELEMENT too-small-packets (#PCDATA)>

<!ELEMENT total-clnl-packets-received (#PCDATA)>

<!ELEMENT total-esis-packets-received (#PCDATA)>

<!ELEMENT total-mpIs-packets-received (#PCDATA)>

<!ELEMENT total-packets-consumed-by-protocol (#PCDATA)>

<!ELEMENT total-packets-received (#PCDATA)>

<!ELEMENT total-packets-sent (#PCDATA)>

<!ELEMENT total-packets-transmitted (#PCDATA)>

<!ELEMENT transit-re-packet-dropped-on-mgmt-interface (#PCDATA)>

<!ELEMENT transit-re-packets-dropped-on-mgmt-interface (#PCDATA)>

<!ELEMENT ttp (ttp-packets-sent | packets-sent-while-unconnected |
packets-sent-while-interface-down | packets-sent-could-not-get-buffer |
packets-sent-could-not-find-neighbor | l2-packets-received |
unknown-l3-packets-received | ipv4-l3-packets-received | mpIs-l3-packets-received
| mpIs-to-ipv4-l3-packets-received | ipv4-to-mpIs-l3-packets-received |
ipv6-l3-packets-received | arp-l3-packets-received | clnp-l3-packets-received |
tnp-l3-packets-received | null-l3-packets-received |
cyclotron-cycle-l3-packets-received | cyclotron-send-l3-packets-received |
packets-received-while-unconnected | packets-received-from-unknown-ifl |
input-packets-could-not-get-buffer | input-packets-with-bad-type |
input-packets-with-discard-type |
input-packets-for-which-route-lookup-is-bypassed)*>

<!ELEMENT ttp-packets-sent (#PCDATA)>

<!ELEMENT tudp (datagrams-received | datagrams-with-incomplete-header |
datagrams-with-bad-data-length-field | datagrams-with-bad-checksum |
datagrams-dropped-due-to-no-socket |
broadcast-or-multicast-datagrams-dropped-due-to-no-socket |
datagrams-dropped-due-to-full-socket-buffers | delivered | datagrams-output)*>

<!ELEMENT tunnel-packets-received (#PCDATA)>

```

```
<!ELEMENT tunnel-packets-sent (#PCDATA)>

<!ELEMENT tunneling-packets-that-can-not-find-gif (#PCDATA)>

<!ELEMENT type-of-histogram (#PCDATA)>

<!ELEMENT udp (datagrams-received | datagrams-with-incomplete-header |
datagrams-with-bad-datalength-field | datagrams-with-bad-checksum |
datagrams-dropped-due-to-no-socket |
broadcast-or-multicast-datagrams-dropped-due-to-no-socket |
datagrams-dropped-due-to-full-socket-buffers | datagrams-not-for-hashed-pcb |
datagrams-delivered | datagrams-output)*>

<!ELEMENT udp-packets-received (#PCDATA)>

<!ELEMENT udp-packets-sent (#PCDATA)>

<!ELEMENT unicast-packets-received (#PCDATA)>

<!ELEMENT unicast-packets-sent (#PCDATA)>

<!ELEMENT unknown (#PCDATA)>

<!ELEMENT unknown-l3-packets-received (#PCDATA)>

<!ELEMENT unknown-or-unsupported-protocol-packets (#PCDATA)>

<!ELEMENT unreachable (#PCDATA)>

<!ELEMENT unreachable-icmp6-packets (#PCDATA)>

<!ELEMENT unrecognized-next-header (#PCDATA)>

<!ELEMENT unrecognized-option (#PCDATA)>

<!ELEMENT unrestricted-proxy-requests (#PCDATA)>

<!ELEMENT unsupported-platform (#PCDATA)>

<!ELEMENT update (#PCDATA)>

<!ELEMENT vpls (total-packets-received |
vpls-packets-with-size-smaller-than-minimum |
vpls-packets-with-incorrect-version-number | vpls-packets-for-this-host |
packets-with-no-logical-interface | packets-with-no-family |
packets-with-no-route-table | packets-with-no-auxiliary-table |
packets-with-no-corefacing-entry | packets-with-no-ce-facing-entry |
mac-route-learning-requests | mac-routes-learned |
requests-to-learn-an-existing-route |
learning-requests-while-learning-disabled-on-interface |
learning-requests-over-capacity | mac-routes-moved | requests-to-move-static-route
| mac-route-aging-requests | mac-routes-aged | bogus-address-in-aging-requests
| requests-to-age-static-route | requests-to-re-ageout-aged-route |
requests-involving-multiple-peer-fes | aging-acks-from-pfe |
aging-non-acks-from-pfe | aging-requests-timed-out-waiting-on-fes |
aging-requests-over-max-rate | errors-finding-peer-fes | unsupported-platform |
packets-dropped-due-to-no-l3-route-table | packets-dropped-due-to-no-local-ifl |
packets-punted | packets-dropped-due-to-no-socket)*>

<!ELEMENT vpls-packets-for-this-host (#PCDATA)>
```

```
<!ELEMENT vpls-packets-with-incorrect-version-number (#PCDATA)>
<!ELEMENT vpls-packets-with-size-smaller-than-minimum (#PCDATA)>
<!ELEMENT x-pchange (#PCDATA)>
<!ELEMENT x-promisc (#PCDATA)>
<!ELEMENT x-spdacquire (#PCDATA)>
<!ELEMENT x-spddadd (#PCDATA)>
<!ELEMENT x-spdddelete (#PCDATA)>
<!ELEMENT x-spdddelete2 (#PCDATA)>
<!ELEMENT x-spddump (#PCDATA)>
<!ELEMENT x-spdexpiire (#PCDATA)>
<!ELEMENT x-spdflush (#PCDATA)>
<!ELEMENT x-spdget (#PCDATA)>
<!ELEMENT x-spdsetidx (#PCDATA)>
<!ELEMENT x-spdupdate (#PCDATA)>
<!ELEMENT zone-failures (#PCDATA)>
```


CHAPTER 87

DTD for Subscriber Management Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-subscriber-management.dtd`, which lists the Junos XML tags that contain information about Junos subscriber management. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-subscriber-management.dtd -->

<!ELEMENT no-information (#PCDATA)>

<!ELEMENT subscriber-management-db (#PCDATA)>

<!ELEMENT subscriber-management-gres (#PCDATA)>

<!ELEMENT subscriber-management-mastership (#PCDATA)>

<!ELEMENT subscriber-management-summary-information (subscriber-management-gres
| subscriber-management-mastership | subscriber-management-db | no-information)*>
```


CHAPTER 88

DTD for Subscribers Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-subscribers.dtd`, which lists the Junos XML tags that contain information about subscribers. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-subscribers.dtd -->

<!ELEMENT access-type (#PCDATA)>

<!ELEMENT advf4-input-filter-name (#PCDATA)>

<!ELEMENT advf4-input-rule (#PCDATA)>

<!ELEMENT advf4-output-filter-name (#PCDATA)>

<!ELEMENT advf4-output-rule (#PCDATA)>

<!ELEMENT advf6-input-filter-name (#PCDATA)>

<!ELEMENT advf6-input-rule (#PCDATA)>

<!ELEMENT advf6-output-filter-name (#PCDATA)>

<!ELEMENT advf6-output-rule (#PCDATA)>

<!ELEMENT agent-circuit-id (#PCDATA)>

<!ELEMENT agent-remote-id (#PCDATA)>

<!ELEMENT config-bit-access-internal (#PCDATA)>

<!ELEMENT config-bit-cos (#PCDATA)>

<!ELEMENT config-bit-iftl-filter (#PCDATA)>

<!ELEMENT config-bit-iftlset (#PCDATA)>

<!ELEMENT config-bit-igmp (#PCDATA)>

<!ELEMENT config-bit-inet (#PCDATA)>

<!ELEMENT config-bit-inet-filter (#PCDATA)>
```

```
<!ELEMENT config-bit-inet-service (#PCDATA)>

<!ELEMENT config-bit-inet6 (#PCDATA)>

<!ELEMENT config-bit-inet6-filter (#PCDATA)>

<!ELEMENT config-bit-inet6-service (#PCDATA)>

<!ELEMENT config-bit-interface (#PCDATA)>

<!ELEMENT config-bit-li (#PCDATA)>

<!ELEMENT config-bit-mld (#PCDATA)>

<!ELEMENT config-bit-ra (#PCDATA)>

<!ELEMENT config-bit-routing-instance (#PCDATA)>

<!ELEMENT config-bit-routing-options (#PCDATA)>

<!ELEMENT config-bit-unknown (#PCDATA)>

<!ELEMENT config-bit-vpls (#PCDATA)>

<!ELEMENT counters (session-total | session-state-init | session-state-configured
| session-state-active | session-state-terminating | session-state-terminated |
session-state-unknown | session-state-total | session-type-none |
session-type-dhcp | session-type-vlan | session-type-generic |
session-type-mobileip | session-type-vpls-pw | session-type-ppp |
session-type-pppoe | session-type-l2tp | session-type-static | session-type-mlppp
| session-type-xauth | session-type-fwauth | session-type-dot1x |
session-type-unknown | session-type-total | ifl-type-none | ifl-type-static |
ifl-type-dynamic | ifl-type-unknown | config-bit-interface | config-bit-inet |
config-bit-inet-filter | config-bit-inet-service | config-bit-routing-instance |
config-bit-routing-options | config-bit-igmp | config-bit-cos | config-bit-inet6
| config-bit-inet6-filter | config-bit-inet6-service | config-bit-mld |
config-bit-li | config-bit-ra | config-bit-ifl-filter | config-bit-access-internal
| config-bit-iflset | config-bit-vpls | config-bit-unknown | lsri-name |
lsri-count | lsri-total)*>
<!ATTLIST counters junos:style CDATA #IMPLIED>

<!ELEMENT error (input-error-message)*>
<!ATTLIST error junos:style CDATA #IMPLIED>

<!ELEMENT gw-address (#PCDATA)>

<!ELEMENT hex-data (#PCDATA)>

<!ELEMENT idle-timeout (#PCDATA)>

<!ELEMENT ifl-input-filter-name (#PCDATA)>

<!ELEMENT ifl-output-filter-name (#PCDATA)>

<!ELEMENT ifl-type-dynamic (#PCDATA)>

<!ELEMENT ifl-type-none (#PCDATA)>

<!ELEMENT ifl-type-static (#PCDATA)>
```



```
<!ELEMENT ifl-type-unknown (#PCDATA)>
<!ELEMENT input-error-message (#PCDATA)>
<!ELEMENT interface (#PCDATA)>
<!ELEMENT interface-set-name (#PCDATA)>
<!ELEMENT interface-set-type (#PCDATA)>
<!ELEMENT interface-type (#PCDATA)>
<!ELEMENT ip-address (#PCDATA)>
<!ELEMENT ip-netmask (#PCDATA)>
<!ELEMENT ipv4-input-filter-name (#PCDATA)>
<!ELEMENT ipv4-output-filter-name (#PCDATA)>
<!ELEMENT ipv6-address (#PCDATA)>
<!ELEMENT ipv6-input-filter-name (#PCDATA)>
<!ELEMENT ipv6-network-prefix-length (#PCDATA)>
<!ELEMENT ipv6-output-filter-name (#PCDATA)>
<!ELEMENT ipv6-prefix (#PCDATA)>
<!ELEMENT l2pol-input-filter-name (#PCDATA)>
<!ELEMENT l2pol-output-filter-name (#PCDATA)>
<!ELEMENT local-ip-address (#PCDATA)>
<!ELEMENT logical-system (#PCDATA)>
<!ELEMENT login-time (#PCDATA)>
<!ELEMENT lsri-count (#PCDATA)>
<!ELEMENT lsri-name (#PCDATA)>
<!ELEMENT lsri-total (#PCDATA)>
<!ELEMENT mac-address (#PCDATA)>
<!ELEMENT no-attributes (#PCDATA)>
<!ELEMENT number-of-active-subscribers (#PCDATA)>
<!ELEMENT number-of-service-sessions (#PCDATA)>
<!ELEMENT number-of-subscribers (#PCDATA)>
<!ELEMENT ppp-state (#PCDATA)>
<!ELEMENT private-data (#PCDATA)>
<!ELEMENT profile (#PCDATA)>
```

```
<!ELEMENT radius-accounting-id (#PCDATA)>
<!ELEMENT remote-ip-address (#PCDATA)>
<!ELEMENT routing-instance (#PCDATA)>
<!ELEMENT service-session-id (#PCDATA)>
<!ELEMENT service-session-ids (#PCDATA)>
<!ELEMENT service-session-name (#PCDATA)>
<!ELEMENT session-state-active (#PCDATA)>
<!ELEMENT session-state-configured (#PCDATA)>
<!ELEMENT session-state-init (#PCDATA)>
<!ELEMENT session-state-terminated (#PCDATA)>
<!ELEMENT session-state-terminating (#PCDATA)>
<!ELEMENT session-state-total (#PCDATA)>
<!ELEMENT session-state-unknown (#PCDATA)>
<!ELEMENT session-timeout (#PCDATA)>
<!ELEMENT session-total (#PCDATA)>
<!ELEMENT session-type-dhcp (#PCDATA)>
<!ELEMENT session-type-dot1x (#PCDATA)>
<!ELEMENT session-type-fwauth (#PCDATA)>
<!ELEMENT session-type-generic (#PCDATA)>
<!ELEMENT session-type-l2tp (#PCDATA)>
<!ELEMENT session-type-mppp (#PCDATA)>
<!ELEMENT session-type-mobileip (#PCDATA)>
<!ELEMENT session-type-none (#PCDATA)>
<!ELEMENT session-type-ppp (#PCDATA)>
<!ELEMENT session-type-pppoe (#PCDATA)>
<!ELEMENT session-type-static (#PCDATA)>
<!ELEMENT session-type-total (#PCDATA)>
<!ELEMENT session-type-unknown (#PCDATA)>
<!ELEMENT session-type-vlan (#PCDATA)>
<!ELEMENT session-type-vpls-pw (#PCDATA)>
```

```

<!ELEMENT session-type-xauth (#PCDATA)>

<!ELEMENT stacked-vlan-id (#PCDATA)>

<!ELEMENT state (#PCDATA)>

<!ELEMENT subscriber (access-type | user-name | ip-address | ip-netmask |
ipv6-address | ipv6-network-prefix-length | ipv6-prefix | logical-system |
routing-instance | interface | interface-type | stacked-vlan-id | vlan-id | profile
| mac-address | login-time | state | interface-set-name | interface-set-type |
local-ip-address | remote-ip-address | ppp-state | gw-address |
radius-accounting-id | session-timeout | idle-timeout | agent-circuit-id |
agent-remote-id | ipv4-input-filter-name | ipv4-output-filter-name |
ipv6-input-filter-name | ipv6-output-filter-name | ifl-input-filter-name |
ifl-output-filter-name | adfv4-input-filter-name | adfv4-input-rule |
advf4-output-filter-name | adfv4-output-rule | adfv6-input-filter-name |
advf6-input-rule | adfv6-output-filter-name | adfv6-output-rule |
vpls-input-filter-name | vpls-output-filter-name | l2pol-input-filter-name |
l2pol-output-filter-name | subscriber-id | service-session-ids | service-session-id
| service-session-name | number-of-service-sessions | number-of-subscribers |
number-of-active-subscribers | private-data | hex-data | no-attributes)*>
<!ATTLIST subscriber junos:style CDATA #IMPLIED>

<!ELEMENT subscriber-id (#PCDATA)>

<!ELEMENT subscribers-information (subscriber | error)*>

<!ELEMENT subscribers-summary-information (counters)*>

<!ELEMENT user-name (#PCDATA)>

<!ELEMENT vlan-id (#PCDATA)>

<!ELEMENT vpls-input-filter-name (#PCDATA)>

<!ELEMENT vpls-output-filter-name (#PCDATA)>

```


CHAPTER 89

DTD for Switchover Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-switchover.dtd`, which lists the Junos XML tags that contain information about switchover response tags. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-switchover.dtd -->

<!ELEMENT configuration-ready EMPTY>

<!ELEMENT configuration-state (configuration-ready | configuration-synchronizing
 | configuration-synchronize-error)*>

<!ELEMENT configuration-synchronize-error EMPTY>

<!ELEMENT configuration-synchronizing EMPTY>

<!ELEMENT gres-mode EMPTY>

<!ELEMENT multi-routing-engine-item (re-name | switchover-information)*>

<!ELEMENT multi-routing-engine-results (multi-routing-engine-item)*>

<!ELEMENT multichassis-mode EMPTY>

<!ELEMENT peer-connected EMPTY>

<!ELEMENT peer-in-steady-state EMPTY>

<!ELEMENT peer-transition-state (peer-connected | peer-in-steady-state)*>

<!ELEMENT re-name (#PCDATA)>

<!ELEMENT replication-connection-error EMPTY>

<!ELEMENT replication-error EMPTY>

<!ELEMENT replication-init-error EMPTY>

<!ELEMENT replication-ready EMPTY>

<!ELEMENT replication-reconnect-error EMPTY>
```

```
<!ELEMENT replication-relay-enable EMPTY>

<!ELEMENT replication-state (replication-ready | replication-synchronizing |
replication-error | replication-version-mismatch | replication-connection-error
| replication-reconnect-error | replication-init-error |
replication-relay-enable)*>

<!ELEMENT replication-synchronizing EMPTY>

<!ELEMENT replication-version-mismatch EMPTY>

<!ELEMENT switchover-information (switchover-state | switchover-mode |
configuration-state | replication-state | peer-transition-state)*>

<!ELEMENT switchover-mode (multichassis-mode | gres-mode | unknown-mode)*>

<!ELEMENT switchover-state (#PCDATA)>

<!ELEMENT unknown-mode EMPTY>
```

CHAPTER 90

DTD for VRRPD Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-vrrpd.dtd`, which lists the Junos XML tags that contain information about VRRP. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
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<!-- junos-vrrpd.dtd -->

<!ELEMENT accept-data-mode (#PCDATA)>

<!ELEMENT active (#PCDATA)>

<!ELEMENT active-group (#PCDATA)>

<!ELEMENT active-inherit (vrrp-mode | active-node | active-group | accept-data-mode
| vip-count | vip | active-router-ip | virtual-mac)*>
<!-- ATTENTION: active-inherit junos:style CDATA #IMPLIED -->

<!ELEMENT active-node (#PCDATA)>

<!ELEMENT active-router-ip (#PCDATA)>

<!ELEMENT address (#PCDATA)>

<!ELEMENT advertisement-interval (#PCDATA)>

<!ELEMENT advertisement-received (#PCDATA)>

<!ELEMENT advertisement-sent (#PCDATA)>

<!ELEMENT advertisement-timer (#PCDATA)>

<!ELEMENT authentication-type (#PCDATA)>

<!ELEMENT backup-master-transitions (#PCDATA)>

<!ELEMENT bad-advertisement-timer-received (#PCDATA)>

<!ELEMENT bad-authentication-type-received (#PCDATA)>

<!ELEMENT bad-md5-digest-received (#PCDATA)>

<!ELEMENT bad-password-received (#PCDATA)>
```

```
<!ELEMENT bad-vip-count-received (#PCDATA)>

<!ELEMENT bad-vipaddr-received (#PCDATA)>

<!ELEMENT bandwidth (bandwidth-threshold | bandwidth-priority-cost |
bandwidth-active | priority-down-status | priority-cost | priority-active)*>
<!ATTLIST bandwidth junos:style CDATA #IMPLIED>

<!ELEMENT bandwidth-active (#PCDATA)>

<!ELEMENT bandwidth-priority-cost (#PCDATA)>

<!ELEMENT bandwidth-threshold (#PCDATA)>

<!ELEMENT computed-send-rate (#PCDATA)>

<!ELEMENT configured-priority (#PCDATA)>

<!ELEMENT current-priority (#PCDATA)>

<!ELEMENT current-priority-cost (#PCDATA)>

<!ELEMENT dead-timer (#PCDATA)>

<!ELEMENT delay (#PCDATA)>

<!ELEMENT delay-threshold (#PCDATA)>

<!ELEMENT delay-violations (#PCDATA)>

<!ELEMENT delay-violations-rate (#PCDATA)>

<!ELEMENT expiration-rate (#PCDATA)>

<!ELEMENT expirations (#PCDATA)>

<!ELEMENT group (#PCDATA)>

<!ELEMENT group-priority (#PCDATA)>

<!ELEMENT group-vrrp-pdu-error-statistics (bad-authentication-type-received |
bad-password-received | bad-md5-digest-received | bad-advertisement-timer-received
| bad-vip-count-received | bad-vipaddr-received)*>
<!ATTLIST group-vrrp-pdu-error-statistics junos:style CDATA #IMPLIED>

<!ELEMENT group-vrrp-pdu-statistics (advertisement-sent | advertisement-received)*>
<!ATTLIST group-vrrp-pdu-statistics junos:style CDATA #IMPLIED>

<!ELEMENT group-vrrp-state-transition-statistics (idle-master-transitions |
idle-backup-transitions | backup-master-transitions | master-backup-transitions)*>
<!ATTLIST group-vrrp-state-transition-statistics junos:style CDATA #IMPLIED>

<!ELEMENT groups (#PCDATA)>

<!ELEMENT idle-backup-transitions (#PCDATA)>

<!ELEMENT idle-master-transitions (#PCDATA)>

<!ELEMENT index (#PCDATA)>
```



```
<!ELEMENT interface (#PCDATA)>
<!ELEMENT interface-count (#PCDATA)>
<!ELEMENT interface-index (#PCDATA)>
<!ELEMENT interface-speed (#PCDATA)>
<!ELEMENT interface-state (#PCDATA)>
<!ELEMENT interface-tracking-state (#PCDATA)>
<!ELEMENT invalid-ipah-next-type-received (#PCDATA)>
<!ELEMENT invalid-vrrp-authentication-type-received (#PCDATA)>
<!ELEMENT invalid-vrrp-checksum-received (#PCDATA)>
<!ELEMENT invalid-vrrp-ip-count-received (#PCDATA)>
<!ELEMENT invalid-vrrp-pdu-type-received (#PCDATA)>
<!ELEMENT invalid-vrrp-ttl-value-received (#PCDATA)>
<!ELEMENT invalid-vrrp-version-received (#PCDATA)>
<!ELEMENT local-interface-address (#PCDATA)>
<!ELEMENT master-backup-transitions (#PCDATA)>
<!ELEMENT master-priority (#PCDATA)>
<!ELEMENT master-router (#PCDATA)>
<!ELEMENT master-router-ip (#PCDATA)>
<!ELEMENT master-router-uptime (#PCDATA)>
<!ELEMENT message (#PCDATA)>
<!ELEMENT missed-three-consecutive-send (#PCDATA)>
<!ELEMENT no-group-match-received (#PCDATA)>
<!ELEMENT packets-received (#PCDATA)>
<!ELEMENT parse-time (#PCDATA)>
<!ELEMENT peak-delay-violations-rate (#PCDATA)>
<!ELEMENT peak-expiration-rate (#PCDATA)>
<!ELEMENT peak-receive-rate (#PCDATA)>
<!ELEMENT peak-send-rate (#PCDATA)>
<!ELEMENT pending-priority (#PCDATA)>
<!ELEMENT physical-interface (#PCDATA)>
<!ELEMENT preempt (#PCDATA)>
```

```
<!ELEMENT preempt-hold (preempt | preempt-hold-time | accept-data-mode | vip-count
| vip)*>
<!--ATTLIST preempt-hold junos:style CDATA #IMPLIED-->

<!ELEMENT preempt-hold-time (#PCDATA)>

<!ELEMENT priority-active (#PCDATA)>

<!--ELEMENT priority-cost (#PCDATA)-->

<!--ELEMENT priority-down-status (#PCDATA)-->

<!--ELEMENT priority-hold-time (#PCDATA)-->

<!--ELEMENT receive-rate (#PCDATA)-->

<!--ELEMENT remaining-time (#PCDATA)-->

<!--ELEMENT route-addr (#PCDATA)-->

<!--ELEMENT route-count (#PCDATA)-->

<!--ELEMENT route-instance (#PCDATA)-->

<!--ELEMENT route-priority (#PCDATA)-->

<!--ELEMENT route-state (#PCDATA)-->

<!--ELEMENT route-tracking-state (#PCDATA)-->

<!--ELEMENT router-ip (#PCDATA)-->

<!--ELEMENT send-rate (#PCDATA)-->

<!--ELEMENT snmp-interface-index (#PCDATA)-->

<!--ELEMENT timer-name (#PCDATA)-->

<!--ELEMENT timer-value (#PCDATA)-->

<!--ELEMENT track-route-entry (route-addr | route-state | route-priority | interface
| group | configured-priority | current-priority | vrrp-state)*>
<!--ATTLIST track-route-entry junos:style CDATA #IMPLIED-->

<!--ELEMENT track-route-node-information (route-addr | route-instance | route-state
| route-priority)*>
<!--ATTLIST track-route-node-information junos:style CDATA #IMPLIED-->

<!--ELEMENT track-vrrpd-interface (tracked-interface | interface-state |
interface-speed | current-priority-cost | bandwidth)*>
<!--ATTLIST track-vrrpd-interface junos:style CDATA #IMPLIED-->

<!--ELEMENT tracked-interface (#PCDATA)-->

<!--ELEMENT tracking (#PCDATA)-->

<!--ELEMENT unit (#PCDATA)-->

<!--ELEMENT vip (#PCDATA)-->
```

```

<!ELEMENT vip-count (#PCDATA)>

<!ELEMENT virtual-ip-address (#PCDATA)>

<!ELEMENT virtual-mac (#PCDATA)>

<!ELEMENT virtual-router-uptime (#PCDATA)>

<!ELEMENT vlan-address (#PCDATA)>

<!ELEMENT vlan-id (#PCDATA)>

<!ELEMENT vlan-tag (#PCDATA)>

<!ELEMENT vrrp-information (vrrp-interface)*>
<!ATTLIST vrrp-information junos:style CDATA #IMPLIED>

<!ELEMENT vrrp-interface (groups | active | physical-interface | interface |
address | interface-state | group | vrrp-state | timer-name | timer-value |
local-interface-address | vrrp-vlan | bandwidth | group-vrrp-pdu-statistics |
group-vrrp-pdu-error-statistics | group-vrrp-state-transition-statistics |
preempt-hold | virtual-ip-address | unit | index | interface-index |
snmp-interface-index | vrrp-traps | group-priority | advertisement-interval |
authentication-type | delay-threshold | computed-send-rate | preempt |
accept-data-mode | vip-count | vip | dead-timer | master-priority |
master-router-ip | active-router-ip | master-router | router-ip |
virtual-router-uptime | master-router-uptime | virtual-mac | tracking |
preempt-hold-time | current-priority | configured-priority | priority-hold-time
| remaining-time | pending-priority | interface-tracking-state | interface-count
| route-tracking-state | route-count | interface-speed | current-priority-cost
| tracked-interface | track-route-node-information | track-vrrpd-interface |
track-route-entry | vrrp-message | invalid-ipah-next-type-received |
invalid-vrrp-ttl-value-received | invalid-vrrp-version-received |
invalid-vrrp-pdu-type-received | invalid-vrrp-authentication-type-received |
invalid-vrrp-ip-count-received | invalid-vrrp-checksum-received |
advertisement-timer | packets-received | no-group-match-received |
advertisement-sent | advertisement-received | vrrp-mode | active-node |
active-group | active-inherit)*>

<!ELEMENT vrrp-interface-profile (interface | unit | group | advertisement-timer
| delay)*>

<!ELEMENT vrrp-message (message)*>

<!ELEMENT vrrp-mode (#PCDATA)>

<!ELEMENT vrrp-profile-statistics (vrrp-interface-profile | parse-time |
delay-violations | delay-violations-rate | peak-delay-violations-rate |
missed-three-consecutive-send | send-rate | peak-send-rate | receive-rate |
peak-receive-rate | expirations | expiration-rate | peak-expiration-rate)*>

<!ELEMENT vrrp-state (#PCDATA)>

<!ELEMENT vrrp-traps (#PCDATA)>

<!ELEMENT vrrp-vlan (physical-interface | unit | vlan-id | vlan-tag |
vlan-address)*>
<!ATTLIST vrrp-vlan junos:style CDATA #IMPLIED>

```


DTD for X.509 Certificate Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-x509-certificate.dtd`, which lists the Junos XML tags that contain information about X.509 certificates. To review reference pages for the tags, see “Summary of Operational Response Tag Elements” on page 835.

```
<!-- Copyright (c) 2000-2011, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-x509-certificate.dtd -->

<!ELEMENT alternate-subject (#PCDATA)>

<!ELEMENT alternate-subject-list (alternate-subject)*>

<!ELEMENT auto-re-enrollment (auto-re-enrollment-status |
auto-re-enrollment-next-trigger-time)*>

<!ELEMENT auto-re-enrollment-next-trigger-time (#PCDATA)>

<!ELEMENT auto-re-enrollment-status (#PCDATA)>

<!ELEMENT certificate-type (#PCDATA)>

<!ELEMENT common-name (#PCDATA)>

<!ELEMENT country-name (#PCDATA)>

<!ELEMENT crl-issuer (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject (#PCDATA)>

<!ELEMENT crl-issuer-alternate-subject-list (crl-issuer-alternate-subject)*>

<!ELEMENT crl-issuer-detail (distinguished-name)*>

<!ELEMENT crl-number (#PCDATA)>

<!ELEMENT crl-revocation-date (#PCDATA)>

<!ELEMENT crl-revocation-list (revoked-cert-serial-number | crl-revocation-date)*>

<!ELEMENT crl-validity (effective-date | next-update)*>

<!ELEMENT crl-version (#PCDATA)>
```

```
<!ELEMENT distinguished-name (organization-name | organizational-unit-name |
country-name | state-or-province-name | locality-name | common-name | email-address
| domain-component)*>

<!ELEMENT distribution-crl (#PCDATA)>

<!ELEMENT distribution-crl-list (distribution-crl)*>

<!ELEMENT domain-component (#PCDATA)>

<!ELEMENT effective-date (#PCDATA)>

<!ELEMENT email-address (#PCDATA)>

<!ELEMENT fingerprint (fingerprint-hash-algorithm | fingerprint-content)*>

<!ELEMENT fingerprint-content (#PCDATA)>

<!ELEMENT fingerprint-hash-algorithm (#PCDATA)>

<!ELEMENT identifier (#PCDATA)>

<!ELEMENT issue-info (recipient | issued-by)*>

<!ELEMENT issued-by (#PCDATA)>

<!ELEMENT issuer (distinguished-name)*>

<!ELEMENT key-contents (#PCDATA)>

<!ELEMENT key-usage (#PCDATA)>

<!ELEMENT key-usage-list (key-usage)*>

<!ELEMENT locality-name (#PCDATA)>

<!ELEMENT next-update (#PCDATA)>

<!ELEMENT not-after (#PCDATA)>

<!ELEMENT not-before (#PCDATA)>

<!ELEMENT organization-name (#PCDATA)>

<!ELEMENT organizational-unit-name (#PCDATA)>

<!ELEMENT public-key (public-key-algorithm | public-key-length |
public-key-verification-status)*>

<!ELEMENT public-key-algorithm (#PCDATA)>

<!ELEMENT public-key-contents-list (key-contents)*>

<!ELEMENT public-key-length (#PCDATA)>

<!ELEMENT public-key-verification-status (#PCDATA)>

<!ELEMENT recipient (#PCDATA)>

<!ELEMENT revoked-cert-serial-number (#PCDATA)>
```

```
<!ELEMENT serial-number-list (serial-number-x509)*>

<!ELEMENT serial-number-x509 (#PCDATA)>

<!ELEMENT signature-algorithm (#PCDATA)>

<!ELEMENT state-or-province-name (#PCDATA)>

<!ELEMENT status (#PCDATA)>

<!ELEMENT subject (distinguished-name)*>

<!ELEMENT validity (not-before | not-after)*>

<!ELEMENT version (#PCDATA)>

<!ELEMENT x509-certificate-add-results (x509-certificate-add-success |
x509-certificate-info)*>

<!ELEMENT x509-certificate-add-success EMPTY>

<!ELEMENT x509-certificate-info (issue-info | serial-number-list | public-key |
fingerprint | public-key-contents-list | alternate-subject-list | key-usage-list
| distribution-crl-list | signature-algorithm | identifier | validity | version
| auto-re-enrollment | certificate-type | status | issuer | subject)*>
<!ATTLIST x509-certificate-info junos:style CDATA #IMPLIED>

<!ELEMENT x509-certificate-info-list (x509-certificate-info)*>

<!ELEMENT x509-crl-information (crl-number | crl-revocation-list | crl-validity
| crl-version | crl-issuer | identifier | crl-issuer-alternate-subject-list |
crl-issuer-detail)*>
<!ATTLIST x509-crl-information junos:style CDATA #IMPLIED>
```


PART 5

Index

- [Index on page 8231](#)

Index

Symbols

#, comments in configuration statements.....ccc
(), in syntax descriptions.....ccc
< >, in syntax descriptions.....ccxcix
[], in configuration statements.....ccc
{ }, in configuration statements.....ccc
| (pipe), in syntax descriptions.....ccc

B

braces, in configuration statements.....ccc
brackets
 angle, in syntax descriptions.....ccxcix
 square, in configuration statements.....ccc

C

comments, in configuration statements.....ccc
conventions
 text and syntax.....ccxcix
curly braces, in configuration statements.....ccc
customer support.....ccc
 contacting JTAC.....ccc

D

documentation
 comments on.....ccc

F

font conventions.....ccxcix

I

icons defined, notice.....ccxcviii

M

manuals
 comments on.....ccc

N

notice icons defined.....ccxcviii

P

parentheses, in syntax descriptions.....ccc

S

support, technical See technical support
syntax conventions.....ccxcix

T

technical support
 contacting JTAC.....ccc

